

ENGINEERED FOR PERFORMANCE.  
BUILT FOR **RELIABILITY**.

# ROTARY UNION CATALOG 2026

RELIABLE SOLUTIONS FOR  
**TYRE & RUBBER**  
MANUFACTURING PLANTS



 INTERNAL MIXERS



 CALENDER LINES



 EXTRUDERS



 CURING PRESSES



 CONVEYORS & COOLING DRUMS



**LEAK-FREE  
PERFORMANCE**

For steaming, cooling  
and hydraulic systems



**HIGH TEMPERATURE  
& PRESSURE RESISTANCE**

Built for continuous  
heavy-duty operation



**CONTINUOUS  
OPERATION**

Minimize downtime,  
maximize productivity



**LONG SERVICE LIFE  
& LOW MAINTENANCE**

Reduced costs,  
higher efficiency



**CUSTOMIZED SOLUTIONS  
FOR YOUR NEEDS**

Engineered for your  
process conditions

TRUSTED **SOLUTIONS**.  
STRONG **PARTNERSHIP**.  
SUPERIOR **RESULTS**.

 [www.rototech.com.tr](http://www.rototech.com.tr)

 +90 507 374 17 03  
WhatsApp

 [sales@rototech.com.tr](mailto:sales@rototech.com.tr)

DESIGNED FOR  
RUBBER INDUSTRY.  
**BUILT TO PERFORM.**



# ROTOTECH ROTARY UNION

Engineered for Continuous Performance.  
Built for Rubber Industry Reliability.



DESIGNED FOR  
**TYRE & RUBBER  
MANUFACTURING PLANTS**

## ABOUT US



Rototech is a leading manufacturer of high-performance rotary unions designed for the reliable transfer of fluids, air, steam and thermal media between stationary supply lines and rotating equipment.



Our rotary unions are engineered to ensure leak-free operation, extended service life and optimum performance under demanding industrial conditions. They are widely used in steel production, paper mills, plastics processing, machine tools, energy systems and other heavy-duty applications.



With a strong focus on engineering excellence, product quality and innovation, Rototech delivers customized rotary union solutions that meet the specific requirements of each industry and application.



Our commitment to advanced manufacturing, strict quality control and customer satisfaction enables us to provide dependable products that support operational efficiency and long-term reliability.



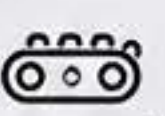
Tyre Building  
Machines



Calenders &  
Extruders



Cooling & Heating  
Rollers



Conveyors &  
Curing Systems

## WHY ROTOTECH?



### RELIABLE PERFORMANCE

High-quality rotary unions designed for continuous operation and maximum system reliability in demanding rubber manufacturing environments.



### ENGINEERING EXPERTISE

Experienced engineering support for product selection, application optimization and customized solutions.



### QUALITY MANUFACTURING

Manufactured using premium materials and precision processes in accordance with international quality standards.



### CUSTOMER FOCUSED

Dedicated technical support, fast response times and long-term partnership approach for every customer.



For more information  
[www.rototech.com.tr](http://www.rototech.com.tr)





## ROTOTECH ROTARY JOINTS



ENGINEERED FOR  
**TYRE & RUBBER**  
MANUFACTURING PLANTS

- ✓ Reliable Performance
- ✓ Leak-Free Operation
- ✓ Maximum Productivity



**CALENDERS  
& ROLLERS**



**CURING PRESSES  
& VULCANIZERS**



**EXTRUDERS  
& MIXERS**



**TYRE BUILDING  
MACHINES**



**COOLING & HEATING  
SYSTEMS**

### WHAT IS A ROTARY JOINT?

A rotary joint is a precision-engineered sealing device that transfers fluids, gases, or thermal media from a stationary source to rotating equipment while maintaining a secure, leak-free connection.



#### CONTINUOUS MEDIA TRANSFER

Enables the reliable transfer of water, steam, thermal oil, hydraulic oil, compressed air, vacuum and other media.



#### OPTIMIZED FOR RUBBER INDUSTRY

Widely used in tyre curing, extrusion, calendering, mixing, cooling and other critical rubber processes.



#### ENGINEERED FOR RELIABILITY

Built to perform under high pressures, temperatures and continuous-duty cycles with minimum maintenance.



#### LEAK-FREE PERFORMANCE

Advanced sealing technology ensures tight, reliable operation with minimal leakage and maximum efficiency.



#### HIGH DURABILITY

Robust design and high-quality materials provide long service life even in harsh rubber production conditions.



#### WIDE OPERATING RANGE

Suitable for a wide range of pressures, temperatures, rotational speeds and media.



#### CUSTOM ENGINEERING

Tailored solutions to meet specific application requirements and ensure optimal performance.

### WHY CHOOSE ROTOTECH?



#### QUALITY FIRST

Manufactured in accordance with international quality standards.



#### CUSTOMER FOCUSED

Tailored solutions and strong after-sales support for your peace of mind.



#### ENGINEERING EXPERTISE

Experienced engineering team delivering innovative and reliable solutions.



#### RELIABLE PERFORMANCE

Designed for continuous operation with high efficiency and operational safety.



#### GLOBAL SOLUTIONS

Trusted by customers in various industries around the world.



For more information  
[www.rototech.com.tr](http://www.rototech.com.tr)



[www.rototech.com.tr](http://www.rototech.com.tr)



+90 507 374 17 03



[sales@rototech.com.tr](mailto:sales@rototech.com.tr)





# ROTOTECH SWIVEL JOINTS

Engineered for Motion.  
Built for Reliability.



ENGINEERED FOR  
**TYRE & RUBBER**  
MANUFACTURING PLANTS



## SWIVEL JOINTS

A swivel joint (rotary joint) is a mechanical component designed to transfer fluid from a stationary source to a rotating part.



It enables the reliable transfer of various media such as water, steam, hydraulic oil, hot oil and air between rotating and fixed parts without leakage.



Swivel joints are widely used in industries such as plastic & rubber, steel, paper, printing, packaging, textiles, food and energy.



Thanks to their robust design and high performance, Rototech swivel joints ensure safe, efficient and uninterrupted operation even in the most demanding applications.



### LEAK-FREE PERFORMANCE

Advanced sealing technology ensures secure and leak-free operation even under high pressure.



### HIGH DURABILITY

Robust design for long service life and reliable performance in tough rubber manufacturing conditions.



### WIDE OPERATING RANGE

Suitable for a wide range of pressures, temperatures and media used in tyre & rubber production.



### CUSTOM ENGINEERING

Tailored solutions to meet specific application requirements and ensure optimal performance.

## WHY CHOOSE ROTOTECH?



### QUALITY FIRST

Manufactured in accordance with international quality standards.



### CUSTOMER FOCUSED

We provide tailored solutions and strong after-sales support.



### ENGINEERING EXPERTISE

Experienced engineering team delivering innovative and reliable solutions.



### RELIABLE PERFORMANCE

Products designed for continuous and safe operation.



### GLOBAL SOLUTIONS

Trusted by customers in various industries around the world.



For more information  
[www.rototech.com.tr](http://www.rototech.com.tr)



[www.rototech.com.tr](http://www.rototech.com.tr)



+90 507 374 17 03  
(WhatsApp)



[sales@rototech.com.tr](mailto:sales@rototech.com.tr)







# Rototech®

Rotary Union Solutions

# ROTOTECH MULTI-PASSAGE JOINT

Engineered for Motion.  
Built for Reliability.



ENGINEERED FOR  
**TYRE & RUBBER**  
MANUFACTURING PLANTS

Reliable Performance Under  
High Pressure & Continuous Operation



## WHAT IS A MULTI-PASSAGE JOINT?

A **multi-passage joint** is a mechanical component designed to transfer **multiple fluids or media** simultaneously through a **single unit** between a stationary source and a rotating part.



Enables the simultaneous transfer of multiple media such as water, steam, hydraulic oil, air, coolant, and more.



Multi-passage joints are widely used in industries such as plastic & rubber, steel, paper, printing, packaging, textiles, energy and more.



Thanks to their robust design and high performance, Rototech multi-passage joints ensure safe, efficient and uninterrupted operation even in the most demanding applications.



### LEAK-FREE PERFORMANCE

Advanced sealing technology ensures secure and leak-free operation across all passages.



### HIGH DURABILITY

Robust design for long service life and reliable performance even under harsh rubber production conditions.



### WIDE OPERATING RANGE

Suitable for a wide range of pressures, temperatures and media combinations used in tyre & rubber production.



### CUSTOM ENGINEERING

Tailored solutions to meet specific application requirements and performance criteria.

## WHY CHOOSE ROTOTECH?



### QUALITY FIRST

Manufactured in accordance with international quality standards.



### CUSTOMER FOCUSED

We provide tailored solutions and strong after-sales support.



### ENGINEERING EXPERTISE

Experienced engineering team delivering innovative and reliable solutions.



### RELIABLE PERFORMANCE

Products designed for continuous and safe operation.



### GLOBAL SOLUTIONS

Trusted by customers in various industries around the world.



For more information  
[www.rototech.com.tr](http://www.rototech.com.tr)



[www.rototech.com.tr](http://www.rototech.com.tr)



+90 507 374 17 03  
(WhatsApp)



[sales@rototech.com.tr](mailto:sales@rototech.com.tr)



# ROTARY UNIONS

## FOR RUBBER & TIRE PRODUCTION

CUSTOM ENGINEERED SOLUTIONS.  
BUILT FOR **PERFORMANCE**.



### IDEAL FOR RUBBER & TIRE INDUSTRY APPLICATIONS



CALENDER ROLLS



EXTRUDERS



COOLING DRUMS



MIXERS & KNEADERS



HYDRAULIC PRESSES



CURING PRESSES



#### HIGH PERFORMANCE & RELIABILITY

Engineered to ensure continuous operation in demanding conditions.



#### CUSTOM ENGINEERING

Tailored rotary union solutions designed specifically for rubber & tire applications.



#### EXTREME CONDITION READY

Built to perform under high pressure, high temperature and aggressive environments found in rubber production.



#### LONG SERVICE LIFE & LOW MAINTENANCE

Robust design for maximum durability and reduced downtime.



#### PARTNERSHIP YOU CAN TRUST

Rototech – partnering for innovation, performance and excellence.



+90 507 374 17 03



[sales@rototech.com.tr](mailto:sales@rototech.com.tr)



[alikaya@rototech.com.tr](mailto:alikaya@rototech.com.tr)

[www.rototech.com.tr](http://www.rototech.com.tr)

[www.rototechenergy.com](http://www.rototechenergy.com)





# ROTOTECH ROTARY JOINTS

100 SERIES



**100**  
SERIES



[www.rototech.com.tr](http://www.rototech.com.tr)



Rotary Joint

# 100 Series



Media Type

**Water-Based Coolant**



Max. Speed

**12,000 RPM**



Max. Pressure

**70 BAR**



Max. Temperature

**70 °C**



Connection Type

**1/4" - 3/8" BSP - NPT**



Rotor Size

**5/8-18 UNF LH  
Metric 16x1,5 LH**



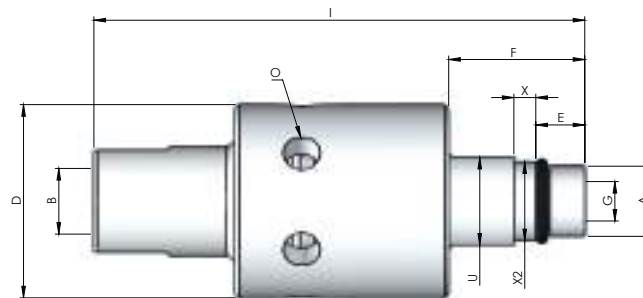
- ✓ For CNC machines and vertical machining centers
- ✓ Easy assembling, high rpm
- ✓ Drainage holes and many thread options Metric, BSP, NPT, UNF etc..
- ✓ Silicon Carbide sealing parts

For CNC machines and vertical machining centers, rotating joints for boron oily water passage.



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO    | A                  | DØ | I   | E     | X | F  | GØ | X2     | U  | O    | KG   |
|----------|-------------|--------------------|----|-----|-------|---|----|----|--------|----|------|------|
| 1/4" NPT | 100-344-403 | 5/8" - 18 UNF - LH | 44 | 112 | 11,15 | 5 | 31 | 8  | 17,993 | 20 | 8,50 | 0,33 |
| 1/4" BSP | 100-444-531 | M16 X 1,5 - LH     | 44 | 112 | 11,15 | 5 | 31 | 8  | 17,993 | 20 | 8,50 | 0,33 |
| 3/8" NPT | 100-544-403 | 5/8" - 18 UNF - LH | 44 | 112 | 11,15 | 5 | 31 | 9  | 17,993 | 20 | 8,50 | 0,33 |
| 3/8" BSP | 100-644-531 | M16 X 1,5 - LH     | 44 | 112 | 11,15 | 5 | 31 | 9  | 17,993 | 20 | 8,50 | 0,33 |



# Rotary Joint 105 Series

Media Type  
**Water-Based Coolant**

Max. Speed  
**12,000 RPM**

Max. Pressure  
**70 BAR**

Max. Temperature  
**70 °C**

Connection Type  
**1/4" - 3/8" NPT, BSP**

Rotor Size  
**5/8-18 UNF LH,  
Metric 16x1,5 LH**

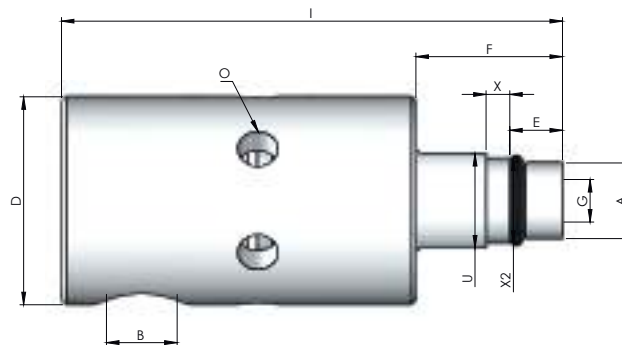


- ✓ For CNC machines and vertical machining centers
- ✓ Easy assembling, high rpm
- ✓ Drainage holes and many thread options Metric, BSP, NPT, UNF etc..
- ✓ Silicon Carbide sealing parts

For CNC machines and vertical machining centers, rotating joints for boron oily water passage.

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO    | A                  | DØ | I   | E     | X | F  | GØ | X2     | U  | O    | KG   |
|----------|-------------|--------------------|----|-----|-------|---|----|----|--------|----|------|------|
| 1/4" NPT | 105-344-403 | 5/8" - 18 UNF - LH | 44 | 103 | 11,15 | 5 | 31 | 8  | 17,993 | 20 | 8,50 | 0,30 |
| 1/4" BSP | 105-444-531 | M16 X 1,5 - LH     | 44 | 103 | 11,15 | 5 | 31 | 8  | 17,993 | 20 | 8,50 | 0,30 |
| 3/8" NPT | 105-544-403 | 5/8" - 18 UNF - LH | 44 | 106 | 11,15 | 5 | 31 | 9  | 17,993 | 20 | 8,50 | 0,30 |
| 3/8" BSP | 105-644-531 | M16 X 1,5 - LH     | 44 | 106 | 11,15 | 5 | 31 | 9  | 17,993 | 20 | 8,50 | 0,30 |



Rotary Joint

# 110 Series



Media Type  
**Coolant**



Max. Speed  
**15.000 RPM**



Max. Pressure  
**70 BAR**



Max. Temperature  
**70 °C**



Connection Type  
**1/4" - 3/8" NPT, BSP**



Rotor Size  
**5/8-18 UNF LH,  
Metric 16x1,5 LH**



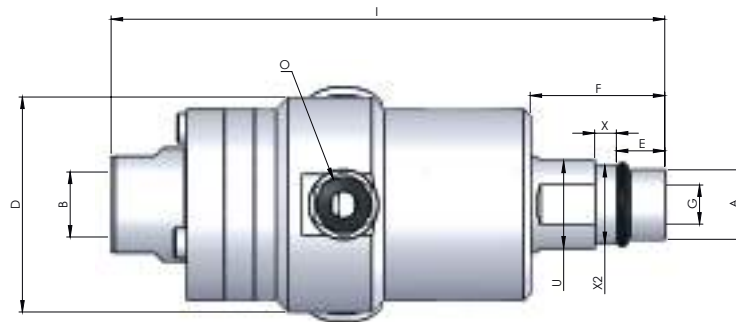
- ✓ Boron oil coolant rotary joint
- ✓ Full capacity fluid transfer
- ✓ Silicon Carbide sealing parts
- ✓ Aluminum, anti - corrosion body
- ✓ Special thread type or BSP, NPT, UNF ..
- ✓ Drainage holes
- ✓ Easy assembling

For CNC machines and vertical machining centers,  
rotating joints for boron oily water passage.



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO    | A                  | DØ    | I      | E     | X | F  | GØ | X2     | U  | O  | KG   |
|----------|-------------|--------------------|-------|--------|-------|---|----|----|--------|----|----|------|
| 1/4" NPT | 110-344-403 | 5/8" - 18 UNF - LH | 49,50 | 127,50 | 11,15 | 5 | 31 | 8  | 17,993 | 20 | M8 | 0,33 |
| 1/4" BSP | 110-444-531 | M16 X 1,5 - LH     | 49,50 | 127,50 | 11,15 | 5 | 31 | 8  | 17,993 | 20 | M8 | 0,33 |
| 3/8" NPT | 110-544-403 | 5/8" - 18 UNF - LH | 49,50 | 127,50 | 11,15 | 5 | 31 | 9  | 17,993 | 20 | M8 | 0,33 |
| 3/8" BSP | 110-644-531 | M16 X 1,5 - LH     | 49,50 | 127,50 | 11,15 | 5 | 31 | 9  | 17,993 | 20 | M8 | 0,33 |



Rotary Joint

# 115 Series



Media Type

**Coolant**



Max. Speed

**15.000 RPM**



Max. Pressure

**70 BAR**



Max. Temperature

**70 °C**



Connection Type

**1/4" - 3/8" NPT, BSP**



Rotor Size

**5/8-18 UNF LH  
Metric 16x1,5 LH**



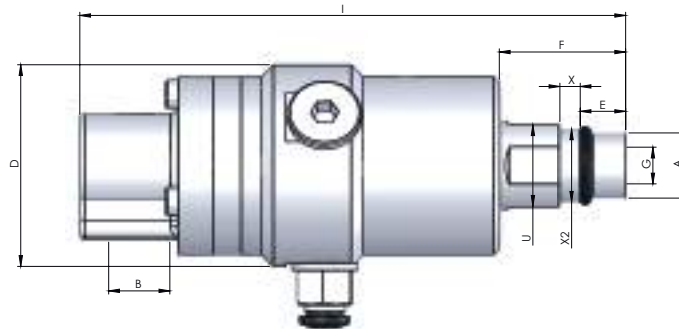
- ✓ Boron oil coolant rotary joint
- ✓ Full capacity fluid transfer
- ✓ Silicon Carbide sealing parts
- ✓ Aluminum, anti - corrosion body
- ✓ Special thread type or BSP, NPT, UNF ..
- ✓ Drainage holes
- ✓ Easy assembling

For CNC machines and vertical machining centers, rotating joints for boron oily water passage.



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO    | A                  | DØ    | I   | E     | X | F  | GØ | X2     | U  | O  | KG   |
|----------|-------------|--------------------|-------|-----|-------|---|----|----|--------|----|----|------|
| 1/4" NPT | 115-344-403 | 5/8" - 18 UNF - LH | 49,50 | 134 | 11,15 | 5 | 31 | 8  | 17,993 | 20 | M8 | 0,38 |
| 1/4" BSP | 115-444-531 | M16 X 1,5 - LH     | 49,50 | 134 | 11,15 | 5 | 31 | 8  | 17,993 | 20 | M8 | 0,38 |
| 3/8" NPT | 115-544-403 | 5/8" - 18 UNF - LH | 49,50 | 134 | 11,15 | 5 | 31 | 9  | 17,993 | 20 | M8 | 0,38 |
| 3/8" BSP | 115-644-531 | M16 X 1,5 - LH     | 49,50 | 134 | 11,15 | 5 | 31 | 9  | 17,993 | 20 | M8 | 0,38 |



Rotary Joint

# 120 Series



Media Type

**Coolant**



Max. Speed

**20.000 RPM**



Max. Pressure

**105 BAR**



Max. Temperature

**70 °C**



Connection Type

**1/4" - 3/8" NPT, BSP**



Rotor Size

**5/8-18 UNF LH  
Metric 16x1,5 LH**



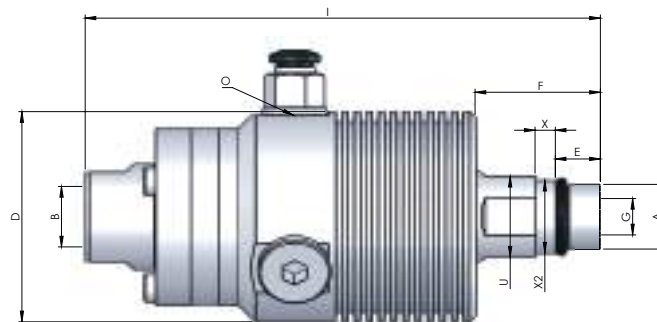
- ✓ Boron oil coolant rotary joint
- ✓ Full capacity fluid transfer
- ✓ Silicon Carbide sealing parts
- ✓ Aluminum, anti - corrosion body
- ✓ Special thread type or BSP, NPT, UNF ..
- ✓ Drainage holes
- ✓ Easy assembling

For CNC machines and vertical machining centers, rotating joints for boron oily water passage.



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO    | A                  | DØ | I      | E     | X | F  | GØ | X2     | U  | O  | KG   |
|----------|-------------|--------------------|----|--------|-------|---|----|----|--------|----|----|------|
| 1/4" NPT | 120-344-403 | 5/8" - 18 UNF - LH | 51 | 127,50 | 11,15 | 5 | 31 | 8  | 17,993 | 20 | M8 | 0,42 |
| 1/4" BSP | 120-444-531 | M16 X 1,5 - LH     | 51 | 127,50 | 11,15 | 5 | 31 | 8  | 17,993 | 20 | M8 | 0,42 |
| 3/8" NPT | 120-544-403 | 5/8" - 18 UNF - LH | 51 | 127,50 | 11,15 | 5 | 31 | 9  | 17,993 | 20 | M8 | 0,42 |
| 3/8" BSP | 120-644-531 | M16 X 1,5 - LH     | 51 | 127,50 | 11,15 | 5 | 31 | 9  | 17,993 | 20 | M8 | 0,42 |



# Rotary Joint 125 Series



Media Type  
**Coolant**



Max. Speed  
**20.000 RPM**



Max. Pressure  
**105 BAR**



Max. Temperature  
**70 °C**



Connection Type  
**1/4" - 3/8" NPT, BSP**



Rotor Size  
**5/8-18 UNF LH  
Metric 16x1,5 LH**



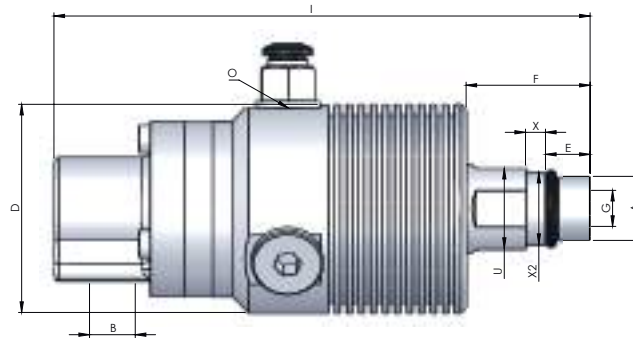
- ✓ Boron oil coolant rotary joint
- ✓ Full capacity fluid transfer
- ✓ Silicon Carbide sealing parts
- ✓ Aluminum, anti - corrosion body
- ✓ Special thread type or BSP, NPT, UNF ..
- ✓ Drainage holes
- ✓ Easy assembling

For CNC machines and vertical machining centers, rotating joints for boron oily water passage.



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO    | A                  | DØ | I   | E     | X | F  | GØ | X2     | U  | O  | KG   |
|----------|-------------|--------------------|----|-----|-------|---|----|----|--------|----|----|------|
| 1/4" NPT | 125-344-403 | 5/8" - 18 UNF - LH | 52 | 134 | 11,15 | 5 | 31 | 8  | 17,993 | 20 | M8 | 0,42 |
| 1/4" BSP | 125-444-531 | M16 X 1,5 - LH     | 52 | 134 | 11,15 | 5 | 31 | 8  | 17,993 | 20 | M8 | 0,42 |
| 3/8" NPT | 125-544-403 | 5/8" - 18 UNF - LH | 52 | 134 | 11,15 | 5 | 31 | 9  | 17,993 | 20 | M8 | 0,42 |
| 3/8" BSP | 125-644-531 | M16 X 1,5 - LH     | 52 | 134 | 11,15 | 5 | 31 | 9  | 17,993 | 20 | M8 | 0,42 |



# Rotary Joint 130 Series



Media Type  
**Coolant**



Max. Speed  
**8.000 RPM**



Max. Pressure  
**40 BAR**



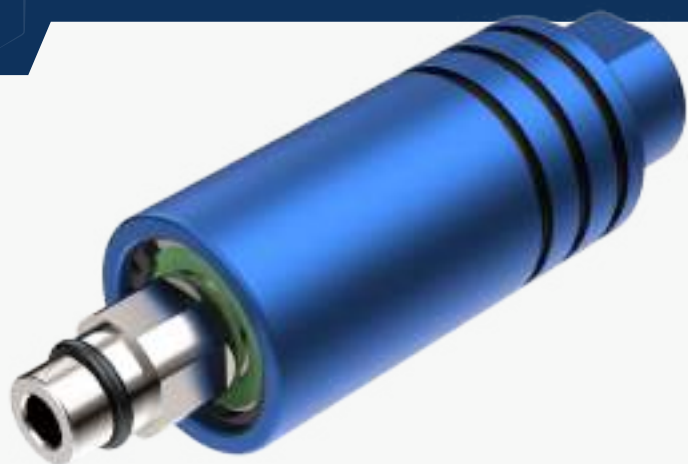
Max. Temperature  
**70 °C**



Connection Type  
**1/4" - 3/8" NPT, BSP**



Rotor Size  
**5/8-18 UNF LH  
Metric 16x1,5 LH**



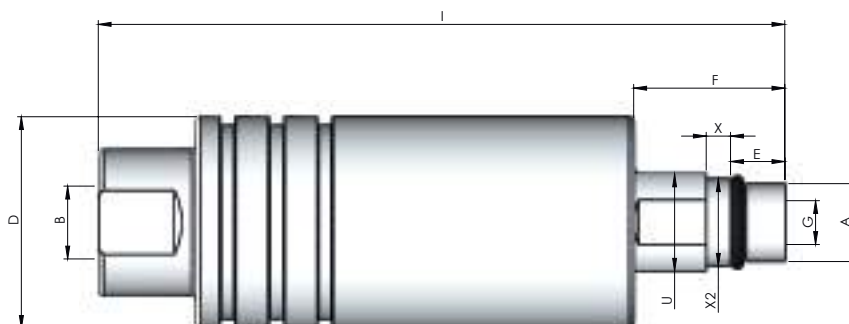
- ✓ Boron oil coolant rotary joint
- ✓ Full capacity fluid transfer
- ✓ Silicon Carbide sealing parts
- ✓ Aluminum, anti - corrosion body
- ✓ Easy assembling

For CNC machines and vertical machining centers, rotating joints for boron oily water passage.



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO    | A                  | DØ    | I   | E     | X | F  | GØ | X2     | U  | KG   |
|----------|-------------|--------------------|-------|-----|-------|---|----|----|--------|----|------|
| 1/4" NPT | 130-344-403 | 5/8" - 18 UNF - LH | 43,50 | 141 | 11,15 | 5 | 31 | 8  | 17,993 | 20 | 0,50 |
| 1/4" BSP | 130-444-531 | M16 X 1,5 - LH     | 43,50 | 141 | 11,15 | 5 | 31 | 8  | 17,993 | 20 | 0,50 |
| 3/8" NPT | 130-544-403 | 5/8" - 18 UNF - LH | 43,50 | 141 | 11,15 | 5 | 31 | 9  | 17,993 | 20 | 0,50 |
| 3/8" BSP | 130-644-531 | M16 X 1,5 - LH     | 43,50 | 141 | 11,15 | 5 | 31 | 9  | 17,993 | 20 | 0,50 |



Rotary Joint

# 135 Series



Media Type  
**Coolant**



Max. Speed  
**8.000 RPM**



Max. Pressure  
**40 BAR**



Max. Temperature  
**70 °C**



Connection Type  
**1/4" - 3/8" NPT, BSP**



Rotor Size  
**5/8-18 UNF LH  
Metric 16x1,5 LH**



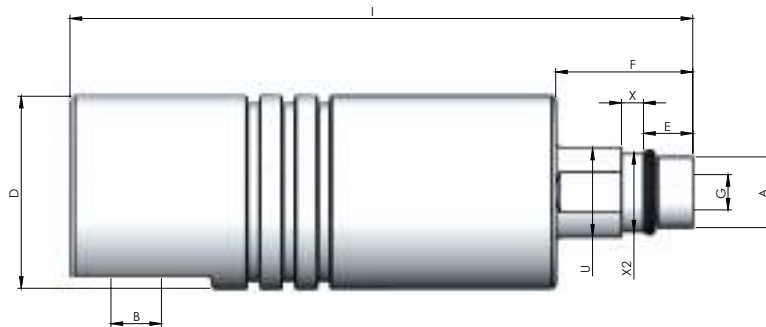
- ✓ Boron oil coolant rotary joint
- ✓ Full capacity fluid transfer
- ✓ Silicon Carbide sealing parts
- ✓ Aluminum, anti - corrosion body
- ✓ Easy assembling

For CNC machines and vertical machining centers, rotating joints for boron oily water passage.



Do not operate without fluid.

## DIMENSIONS



| B        | MODEL NO    | A                  | DØ    | I   | E     | X | F  | GØ | X2     | U  | O  | KG   |
|----------|-------------|--------------------|-------|-----|-------|---|----|----|--------|----|----|------|
| 1/4" NPT | 135-344-403 | 5/8" - 18 UNF - LH | 43,50 | 141 | 11,15 | 5 | 31 | 8  | 17,993 | 20 | M8 | 0,50 |
| 1/4" BSP | 135-444-531 | M16 X 1,5 - LH     | 43,50 | 141 | 11,15 | 5 | 31 | 8  | 17,993 | 20 | M8 | 0,50 |
| 3/8" NPT | 135-544-403 | 5/8" - 18 UNF - LH | 43,50 | 141 | 11,15 | 5 | 31 | 9  | 17,993 | 20 | M8 | 0,50 |
| 3/8" BSP | 135-644-531 | M16 X 1,5 - LH     | 43,50 | 141 | 11,15 | 5 | 31 | 9  | 17,993 | 20 | M8 | 0,50 |





# 2000 SERIES ROTARY UNION

High-performance rotary union engineered for reliable operation, long service life and a wide range of industrial applications.



#### SMOOTH ROTATION

Engineered for low torque and smooth operation at high speeds



#### LEAKAGE CONTROL

Precision sealing system minimizes leakage and ensures stable performance



#### DURABLE DESIGN

Robust construction for extended service life in demanding conditions



#### EASY MAINTENANCE

Simple installation and maintenance for reduced downtime



#### WIDE APPLICATION

Suitable for water, air, hydraulic oil and various industrial media



#### QUALITY FIRST

Committed to superior quality in every product



#### CUSTOMER FOCUSED

Understanding needs, delivering solutions



#### ENGINEERING EXPERTISE

Advanced technology, precision engineering



#### RELIABLE PERFORMANCE

Tested for reliability, built to perform



#### GLOBAL SOLUTIONS

Serving industries worldwide



## Rotary Union Solutions for the Rubber Industry

Engineered for the most demanding applications in **Rubber Manufacturing**, **Tire Production**, **Calendering**, **Extrusion**, **Mixing**, **Curing** and more.



TIRE  
PRODUCTION



CALENDERING  
LINES



EXTRUSION  
SYSTEMS



MIXING  
SYSTEMS



CURING  
PRESSES



BUILT FOR **RELIABILITY**. DESIGNED FOR **PERFORMANCE**.

### WHERE ROTOTECH ROTARY UNIONS ARE USED



INTERNAL MIXERS  
(BANBURY)



TIRE BUILDING  
MACHINES



EXTRUDERS  
& LINES



CALENDERING  
ROLLS



CURING PRESSES  
& AUTOCLAVES



HYDRAULIC & UTILITY  
SYSTEMS



**HIGH TEMPERATURE RESISTANCE**  
Reliable performance up to 550 °C



**HIGH PRESSURE CAPABILITY**  
Withstands up to 250 Bar



**CORROSION & OXIDATION RESISTANCE**  
Ideal for harsh, corrosive environments



**EXCELLENT MECHANICAL STRENGTH**  
Resistant to vibration, pressure pulsation and mechanical stress



**CONTAMINATION SAFE**  
Leak-free design for clean and efficient operation



**LONG SERVICE LIFE**  
Engineered for maximum durability and reduced maintenance



[www.rototech.com.tr](http://www.rototech.com.tr)



+90 507 374 17 03



[sales@rototech.com.tr](mailto:sales@rototech.com.tr)  
[alikaya@rototech.com.tr](mailto:alikaya@rototech.com.tr)





# ROTOTECH ROTARY JOINTS

— 3000 SERIES —



**3000**  
S E R I E S



Rotary Joint

# 2000 Series



Media Type

**Air - Vacuum**



Max. Speed

**3.500 RPM**



Max. Pressure

**10 BAR**



Max. Temperature

**80 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**1/8" DN06 - 1 1/2" DN40**



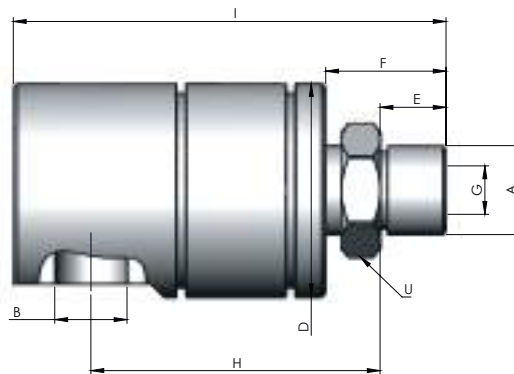
For Air & Vacuum rotary joints

- ✓ Monoflow
- ✓ Self supported sealing
- ✓ Radial or axial connection
- ✓ Low torque
- ✓ Aluminium housing
- ✓ Carbon steel or stainless steel shaft



Do not operate without fluid.

## DIMENSIONS



| SIZE | B        | MODEL NO     | A             | DØ | I     | E  | F  | GØ   | H  | U  | KG   |
|------|----------|--------------|---------------|----|-------|----|----|------|----|----|------|
| 6    | 1/8" NPT | 2010-015-100 | 1/8" NPT - RH | 32 | 63    | 11 | 18 | 3,20 | 42 | 16 | 0,13 |
| 6    | 1/8" NPT | 2010-015-101 | 1/8" NPT - LH | 32 | 63    | 11 | 18 | 3,20 | 42 | 16 | 0,13 |
| 6    | 1/8" BSP | 2010-015-200 | 1/8" BSP - RH | 32 | 63    | 11 | 18 | 3,20 | 42 | 16 | 0,13 |
| 6    | 1/8" BSP | 2010-015-201 | 1/8" BSP - LH | 32 | 63    | 11 | 18 | 3,20 | 42 | 16 | 0,13 |
| 8    | 1/4" NPT | 2025-015-102 | 1/4" NPT - RH | 40 | 79    | 13 | 26 | 6,50 | 55 | 22 | 0,24 |
| 8    | 1/4" NPT | 2025-015-103 | 1/4" NPT - LH | 40 | 79    | 13 | 26 | 6,50 | 55 | 22 | 0,24 |
| 8    | 1/4" BSP | 2025-015-202 | 1/4" BSP - RH | 40 | 79    | 13 | 26 | 6,50 | 55 | 22 | 0,24 |
| 8    | 1/4" BSP | 2025-015-203 | 1/4" BSP - LH | 40 | 79    | 13 | 26 | 6,50 | 55 | 22 | 0,24 |
| 10   | 3/8" NPT | 2037-015-104 | 3/8" NPT - RH | 44 | 88,50 | 13 | 26 | 8,50 | 60 | 24 | 0,27 |
| 10   | 3/8" NPT | 2037-015-105 | 3/8" NPT - LH | 44 | 88,50 | 13 | 26 | 8,50 | 60 | 24 | 0,27 |
| 10   | 3/8" BSP | 2037-015-204 | 3/8" BSP - RH | 44 | 88,50 | 13 | 26 | 8,50 | 60 | 24 | 0,27 |
| 10   | 3/8" BSP | 2037-015-205 | 3/8" BSP - LH | 44 | 88,50 | 13 | 26 | 8,50 | 60 | 24 | 0,27 |



|    |            |              |                 |     |        |    |    |       |       |    |      |
|----|------------|--------------|-----------------|-----|--------|----|----|-------|-------|----|------|
| 15 | 1/2" NPT   | 2050-015-106 | 1/2" NPT - RH   | 55  | 111,50 | 17 | 31 | 12,50 | 74,50 | 30 | 0,65 |
| 15 | 1/2" NPT   | 2050-015-107 | 1/2" NPT - LH   | 55  | 111,50 | 17 | 31 | 12,50 | 74,50 | 30 | 0,65 |
| 15 | 1/2" BSP   | 2050-015-206 | 1/2" BSP - RH   | 55  | 111,50 | 17 | 31 | 12,50 | 74,50 | 30 | 0,65 |
| 15 | 1/2" BSP   | 2050-015-207 | 1/2" BSP - LH   | 55  | 111,50 | 17 | 31 | 12,50 | 74,50 | 30 | 0,65 |
| 20 | 3/4" NPT   | 2075-015-108 | 3/4" NPT - RH   | 69  | 119    | 20 | 33 | 17,50 | 76    | 36 | 1    |
| 20 | 3/4" NPT   | 2075-015-109 | 3/4" NPT - LH   | 69  | 119    | 20 | 33 | 17,50 | 76    | 36 | 1    |
| 20 | 3/4" BSP   | 2075-015-208 | 3/4" BSP - RH   | 69  | 119    | 20 | 33 | 17,50 | 76    | 36 | 1    |
| 20 | 3/4" BSP   | 2075-015-209 | 3/4" BSP - LH   | 69  | 119    | 20 | 33 | 17,50 | 76    | 36 | 1    |
| 25 | 1" NPT     | 2100-015-110 | 1" NPT - RH     | 74  | 135,50 | 22 | 41 | 25    | 88,50 | 40 | 1,25 |
| 25 | 1" NPT     | 2100-015-111 | 1" NPT - LH     | 74  | 135,50 | 22 | 41 | 25    | 88,50 | 40 | 1,25 |
| 25 | 1" BSP     | 2100-015-210 | 1" BSP - RH     | 74  | 135,50 | 22 | 41 | 25    | 88,50 | 40 | 1,25 |
| 25 | 1" BSP     | 2100-015-211 | 1" BSP - LH     | 74  | 135,50 | 22 | 41 | 25    | 88,50 | 40 | 1,25 |
| 32 | 1 1/4" NPT | 2125-015-112 | 1 1/4" NPT - RH | 95  | 159    | 23 | 43 | 32    | 105   | 50 | 2,45 |
| 32 | 1 1/4" NPT | 2125-015-113 | 1 1/4" NPT - LH | 95  | 159    | 23 | 43 | 32    | 105   | 50 | 2,45 |
| 32 | 1 1/4" BSP | 2125-015-212 | 1 1/4" BSP - RH | 95  | 159    | 23 | 43 | 32    | 105   | 50 | 2,45 |
| 32 | 1 1/4" BSP | 2125-015-213 | 1 1/4" BSP - LH | 95  | 159    | 23 | 43 | 32    | 105   | 50 | 2,45 |
| 40 | 1 1/2" NPT | 2150-015-114 | 1 1/2" NPT - RH | 105 | 191    | 29 | 70 | 38    | 127   | 60 | 3,45 |
| 40 | 1 1/2" NPT | 2150-015-115 | 1 1/2" NPT - LH | 105 | 191    | 29 | 70 | 38    | 127   | 60 | 3,45 |
| 40 | 1 1/2" BSP | 2150-015-214 | 1 1/2" BSP - RH | 105 | 191    | 29 | 70 | 38    | 127   | 60 | 3,45 |
| 40 | 1 1/2" BSP | 2150-015-215 | 1 1/2" BSP - LH | 105 | 191    | 29 | 70 | 38    | 127   | 60 | 3,45 |



Rotary Joint

# 3000A-T1 Series



Media Type

Water + General Purpose



Max. Speed

750 - 3500 RPM



Max. Pressure

20 BAR



Max. Temperature

90 °C



Connection Type

BSPP, BSPT, NPT, FL,  
Metric



Rotor Size

1/4" DN08 - 4"  
DN100



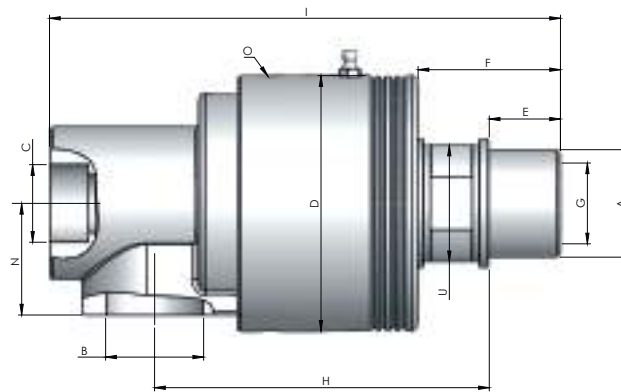
Rotary Joint for water & general purpose

- ✓ Single flow
- ✓ Balanced mechanical sealing
- ✓ Silicon carbide sealing components
- ✓ Aluminium body and stainless steel shaft/rotor
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS



| SIZE | B        | MODEL NO      | A             | C        | DØ | I     | E     | F     | GØ   | H     | N  | U  | OØ         | LØ | S | T  | KG   |
|------|----------|---------------|---------------|----------|----|-------|-------|-------|------|-------|----|----|------------|----|---|----|------|
| 8    | 1/4" NPT | 3025-1036-102 | 1/4" NPT - RH |          | 45 | 91,50 | 12,50 | 23,50 | 6,50 | 61,00 | 20 | 20 | 5 (2x180°) |    |   |    | 0,33 |
| 8    | 1/4" NPT | 3025-1036-103 | 1/4" NPT - LH |          | 45 | 91,50 | 12,50 | 23,50 | 6,50 | 61,00 | 20 | 20 | 5 (2x180°) |    |   |    | 0,33 |
| 8    | 1/4" BSP | 3025-1136-202 | 1/4" BSP - RH |          | 45 | 91,50 | 12,50 | 23,50 | 6,50 | 61,00 | 20 | 20 | 5 (2x180°) |    |   |    | 0,33 |
| 8    | 1/4" BSP | 3025-1136-203 | 1/4" BSP - LH |          | 45 | 91,50 | 12,50 | 23,50 | 6,50 | 61,00 | 20 | 20 | 5 (2x180°) |    |   |    | 0,33 |
| 10   | 3/8" NPT | 3037-1036-104 | 3/8" NPT - RH |          | 45 | 93,00 | 14,50 | 25    | 10   | 59,50 | 20 | 20 | 5 (2x180°) |    |   |    | 0,31 |
| 10   | 3/8" NPT | 3037-1036-105 | 3/8" NPT - LH |          | 45 | 93,00 | 14,50 | 25    | 10   | 59,50 | 20 | 20 | 5 (2x180°) |    |   |    | 0,31 |
| 10   | 3/8" BSP | 3037-1136-204 | 3/8" BSP - RH |          | 45 | 93,00 | 14,50 | 25    | 10   | 59,50 | 20 | 20 | 5 (2x180°) |    |   |    | 0,31 |
| 10   | 3/8" BSP | 3037-1136-205 | 3/8" BSP - LH |          | 45 | 93,00 | 14,50 | 25    | 10   | 59,50 | 20 | 20 | 5 (2x180°) |    |   |    | 0,31 |
| 15   | 1/2" NPT | 3050-1036-106 | 1/2" NPT - RH | 3/8" NPT | 59 | 121   | 19    | 34    | 13   | 81,50 | 25 | 26 | 8 (2x180°) |    |   |    | 0,66 |
| 15   | 1/2" NPT | 3050-1036-107 | 1/2" NPT - LH | 3/8" NPT | 59 | 121   | 19    | 34    | 13   | 81,50 | 25 | 26 | 8 (2x180°) |    |   |    | 0,66 |
| 15   | 1/2" NPT | 3050-1036-100 | Ø24           | 3/8" NPT | 59 | 121   |       | 34    | 13   | 83,50 | 25 |    | 8 (2x180°) | 22 | 6 | 11 | 0,66 |
| 15   | 1/2" BSP | 3050-1136-206 | 1/2" BSP - RH | 3/8" BSP | 59 | 121   | 19    | 34    | 13   | 81,50 | 25 | 26 | 8 (2x180°) |    |   |    | 0,66 |



|     |            |               |                 |            |     |        |    |     |       |        |       |     |              |    |    |    |       |
|-----|------------|---------------|-----------------|------------|-----|--------|----|-----|-------|--------|-------|-----|--------------|----|----|----|-------|
| 15  | 1/2" BSP   | 3050-1136-207 | 1/2" BSP - LH   | 3/8" BSP   | 59  | 121    | 19 | 34  | 13    | 81,50  | 25    | 26  | 8 (2x180°)   |    |    |    | 0,66  |
| 15  | 1/2" BSP   | 3050-1136-100 | Ø24             | 3/8" BSP   | 59  | 121    |    | 34  | 13    | 83,50  | 25    |     | 8 (2x180°)   | 22 | 6  | 11 | 0,66  |
| 20  | 3/4" NPT   | 3075-1036-108 | 3/4" NPT - RH   | 1/2" NPT   | 69  | 136,50 | 19 | 36  | 17,50 | 91,50  | 30    | 30  | 8,5 (2x180°) |    |    |    | 0,94  |
| 20  | 3/4" NPT   | 3075-1036-109 | 3/4" NPT - LH   | 1/2" NPT   | 69  | 136,50 | 19 | 36  | 17,50 | 91,50  | 30    | 30  | 8,5 (2x180°) |    |    |    | 0,94  |
| 20  | 3/4" NPT   | 3075-1036-100 | Ø30             | 1/2" NPT   | 69  | 136,50 |    | 36  | 17,50 | 91,50  | 30    | 30  | 8,5 (2x180°) | 28 | 8  | 14 | 0,94  |
| 20  | 3/4" BSP   | 3075-1136-208 | 3/4" BSP - RH   | 1/2" BSP   | 69  | 136,50 | 19 | 36  | 17,50 | 91,50  | 30    | 30  | 8,5 (2x180°) |    |    |    | 0,94  |
| 20  | 3/4" BSP   | 3075-1136-209 | 3/4" BSP - LH   | 1/2" BSP   | 69  | 136,50 | 19 | 36  | 17,50 | 91,50  | 30    | 30  | 8,5 (2x180°) |    |    |    | 0,94  |
| 20  | 3/4" BSP   | 3075-1136-100 | Ø30             | 1/2" BSP   | 69  | 136,50 |    | 36  | 17,50 | 91,50  | 30    | 30  | 8,5 (2x180°) | 28 | 8  | 14 | 0,94  |
| 25  | 1" NPT     | 3100-1036-110 | 1" NPT - RH     | 3/4" NPT   | 79  | 158    | 22 | 44  | 25    | 103,50 | 34,50 | 36  | 8,5 (2x180°) |    |    |    | 1,35  |
| 25  | 1" NPT     | 3100-1036-111 | 1" NPT - LH     | 3/4" NPT   | 79  | 158    | 22 | 44  | 25    | 103,50 | 34,50 | 36  | 8,5 (2x180°) |    |    |    | 1,35  |
| 25  | 1" NPT     | 3100-1036-100 | Ø35             | 3/4" NPT   | 79  | 158    |    | 44  | 25    | 103,50 | 34,50 |     | 8,5 (2x180°) | 33 | 8  | 14 | 1,35  |
| 25  | 1" BSP     | 3100-1136-110 | 1" BSP - RH     | 3/4" BSP   | 79  | 158    | 22 | 44  | 25    | 103,50 | 34,50 | 36  | 8,5 (2x180°) |    |    |    | 1,35  |
| 25  | 1" BSP     | 3100-1136-111 | 1" BSP - LH     | 3/4" BSP   | 79  | 158    | 22 | 44  | 25    | 103,50 | 34,50 | 36  | 8,5 (2x180°) |    |    |    | 1,35  |
| 25  | 1" BSP     | 3100-1136-100 | Ø35             | 3/4" BSP   | 79  | 158    |    | 44  | 25    | 103,50 | 34,50 |     | 8,5 (2x180°) | 33 | 8  | 14 | 1,35  |
| 32  | 1 1/4" NPT | 3125-1036-112 | 1 1/4" NPT - RH | 1" NPT     | 89  | 192    | 28 | 52  | 32    | 123    | 36,50 | 46  | 8,5 (2x180°) |    |    |    | 2,13  |
| 32  | 1 1/4" NPT | 3125-1036-113 | 1 1/4" NPT - LH | 1" NPT     | 89  | 192    | 28 | 52  | 32    | 123    | 36,50 | 46  | 8,5 (2x180°) |    |    |    | 2,13  |
| 32  | 1 1/4" NPT | 3125-1036-100 | Ø45             | 1" NPT     | 89  | 192    |    | 52  | 32    | 123    | 36,50 |     | 8,5 (2x180°) | 43 | 8  | 14 | 2,13  |
| 32  | 1 1/4" BSP | 3125-1136-212 | 1 1/4" BSP - RH | 1" BSP     | 89  | 192    | 28 | 52  | 32    | 123    | 36,50 | 46  | 8,5 (2x180°) |    |    |    | 2,13  |
| 32  | 1 1/4" BSP | 3125-1136-213 | 1 1/4" BSP - LH | 1" BSP     | 89  | 192    | 28 | 52  | 32    | 123    | 36,50 | 46  | 8,5 (2x180°) |    |    |    | 2,13  |
| 32  | 1 1/4" BSP | 3125-1136-100 | Ø45             | 1" BSP     | 89  | 192    |    | 52  | 32    | 123    | 36,50 |     | 8,5 (2x180°) | 43 | 8  | 14 | 2,13  |
| 40  | 1 1/2" NPT | 3150-1036-114 | 1 1/2" NPT - RH | 1 1/4" NPT | 109 | 225    | 30 | 70  | 38    | 153    | 43    | 55  | 8,5 (2x180°) |    |    |    | 3,45  |
| 40  | 1 1/2" NPT | 3150-1036-115 | 1 1/2" NPT - LH | 1 1/4" NPT | 109 | 225    | 30 | 70  | 38    | 153    | 43    | 55  | 8,5 (2x180°) |    |    |    | 3,45  |
| 40  | 1 1/2" NPT | 3150-1036-100 | Ø50             | 1 1/4" NPT | 109 | 225    |    | 70  | 38    | 153    | 43    |     | 8,5 (2x180°) | 48 | 10 | 17 | 3,45  |
| 40  | 1 1/2" BSP | 3150-1136-214 | 1 1/2" BSP - RH | 1 1/4" BSP | 109 | 225    | 30 | 70  | 38    | 153    | 43    | 55  | 8,5 (2x180°) |    |    |    | 3,45  |
| 40  | 1 1/2" BSP | 3150-1136-215 | 1 1/2" BSP - LH | 1 1/4" BSP | 109 | 225    | 30 | 70  | 38    | 153    | 43    | 55  | 8,5 (2x180°) |    |    |    | 3,45  |
| 40  | 1 1/2" BSP | 3150-1136-100 | Ø50             | 1 1/4" BSP | 109 | 225    |    | 70  | 38    | 153    | 43    |     | 8,5 (2x180°) | 48 | 10 | 17 | 3,45  |
| 50  | 2" NPT     | 3200-1036-116 | 2" NPT - RH     | 1 1/2" NPT | 119 | 249    | 30 | 64  | 48    | 164    | 46,50 | 60  | 8,5 (2x180°) |    |    |    | 4,40  |
| 50  | 2" NPT     | 3200-1036-117 | 2" NPT - LH     | 1 1/2" NPT | 119 | 249    | 30 | 64  | 48    | 164    | 46,50 | 60  | 8,5 (2x180°) |    |    |    | 4,40  |
| 50  | 2" NPT     | 3200-1036-100 | Ø48             |            | 119 | 249    |    | 64  | 48    | 164    | 46,50 |     | 8,5 (2x180°) | 63 | 10 | 17 | 4,40  |
| 50  | 2" BSP     | 3200-1136-216 | 2" BSP - RH     | 1 1/2" BSP | 119 | 249    | 30 | 64  | 48    | 164    | 46,50 | 60  | 8,5 (2x180°) |    |    |    | 4,40  |
| 50  | 2" BSP     | 3200-1136-217 | 2" BSP - LH     | 1 1/2" BSP | 119 | 249    | 30 | 64  | 48    | 164    | 46,50 | 60  | 8,5 (2x180°) |    |    |    | 4,40  |
| 50  | 2" BSP     | 3200-1136-100 | Ø48             |            | 119 | 249    |    | 64  | 48    | 164    | 46,50 |     | 8,5 (2x180°) | 63 | 10 | 17 | 4,40  |
| 65  | 2 1/2" NPT | 3250-1036-118 | 2 1/2" NPT      | 1 1/2" NPT | 149 | 287    | 18 | 79  | 60,50 | 202,50 | 63    | 88  | 14 (2x180°)  |    |    |    | 10,60 |
| 65  | 2 1/2" NPT | 3250-1036-119 | 2 1/2" NPT      | 1 1/2" NPT | 149 | 287    | 18 | 79  | 60,50 | 202,50 | 63    | 88  | 14 (2x180°)  |    |    |    | 10,60 |
| 65  | 2 1/2" BSP | 3250-1136-218 | 2 1/2" BSP      | 1 1/2" BSP | 149 | 287    | 18 | 79  | 60,50 | 202,50 | 63    | 88  | 14 (2x180°)  |    |    |    | 10,60 |
| 65  | 2 1/2" BSP | 3250-1136-219 | 2 1/2" BSP      | 1 1/2" BSP | 149 | 287    | 18 | 79  | 60,50 | 202,50 | 63    | 88  | 14 (2x180°)  |    |    |    | 10,60 |
| 80  | 3" NPT     | 3300-1036-120 | 3" NPT          | 2" NPT     | 169 | 317    | 44 | 89  | 73    | 223    | 77    | 100 | 14 (2x180°)  |    |    |    | 14,20 |
| 80  | 3" NPT     | 3300-1036-121 | 3" NPT          | 2" NPT     | 169 | 317    | 44 | 89  | 73    | 223    | 77    | 100 | 14 (2x180°)  |    |    |    | 14,20 |
| 80  | 3" BSP     | 3300-1136-220 | 3" BSP          | 2" BSP     | 169 | 317    | 44 | 89  | 73    | 223    | 77    | 100 | 14 (2x180°)  |    |    |    | 14,20 |
| 80  | 3" BSP     | 3300-1136-221 | 3" BSP          | 2" BSP     | 169 | 317    | 44 | 89  | 73    | 223    | 77    | 100 | 14 (2x180°)  |    |    |    | 14,20 |
| 100 | 4" NPT     | 3400-1036-122 | 4" NPT          | 2 1/2" NPT | 209 | 372    | 40 | 108 | 96    | 271    | 90    | 122 | 14 (2x180°)  |    |    |    | 20    |
| 100 | 4" NPT     | 3400-1036-123 | 4" NPT          | 2 1/2" NPT | 209 | 372    | 40 | 108 | 96    | 271    | 90    | 122 | 14 (2x180°)  |    |    |    | 20    |
| 100 | 4" BSP     | 3400-1136-222 | 4" BSP          | 2 1/2" BSP | 209 | 372    | 40 | 108 | 96    | 271    | 90    | 122 | 14 (2x180°)  |    |    |    | 20    |
| 100 | 4" BSP     | 3400-1136-223 | 4" BSP          | 2 1/2" BSP | 209 | 372    | 40 | 108 | 96    | 271    | 90    | 122 | 14 (2x180°)  |    |    |    | 20    |



Rotary Joint

# 3000A-T2 Series



Media Type

**Water + General Purpose**



Max. Speed

**750 - 3500 RPM**



Max. Pressure

**20 BAR**



Max. Temperature

**90 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**1/4" DN08 - 4" DN100**



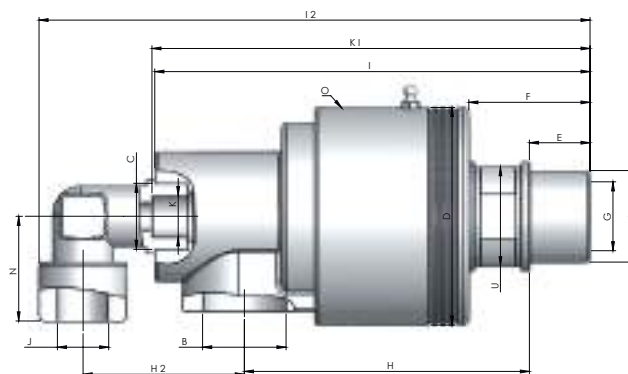
- ✓ Dual flow
- ✓ Balanced mechanical sealing
- ✓ Silicon carbide sealing components
- ✓ Aluminium body and stainless steel shaft/rotor
- ✓ Threaded, Qr & flanged connection

Rotary Joint for water & general purpose



Do not operate without fluid.

## DIMENSIONS





| SIZE | B          | J        | MODEL NO       | A               | C          | DØ  | I      | I 2    | E  | F  | K         | K I    | GØ    | H      | H 2   | N     | U  | OØ           | LØ | S  | T  | KG   |
|------|------------|----------|----------------|-----------------|------------|-----|--------|--------|----|----|-----------|--------|-------|--------|-------|-------|----|--------------|----|----|----|------|
| 15   | 1/2" NPT   | 3/8" NPT | 3050-1036-106D | 1/2" NPT - RH   | 3/8" NPT   | 59  | 121    | 151    | 19 | 34 | 1/4" BSPP | 120    | 13    | 81,50  | 39,50 | 25    | 26 | 8 (2x180°)   |    |    |    | 0,77 |
| 15   | 1/2" NPT   | 3/8" NPT | 3050-1036-107D | 1/2" NPT - LH   | 3/8" NPT   | 59  | 121    | 151    | 19 | 34 | 1/4" BSPP | 120    | 13    | 81,50  | 39,50 | 25    | 26 | 8 (2x180°)   |    |    |    | 0,77 |
| 15   | 1/2" NPT   | 3/8" NPT | 3050-1036-100D | Ø24             | 3/8" NPT   | 59  | 121    | 151    |    | 34 | 1/4" BSPP | 120    | 13    | 83,50  | 39,50 | 25    |    | 8 (2x180°)   | 22 | 6  | 11 | 0,77 |
| 15   | 1/2" BSP   | 3/8" BSP | 3050-1136-206D | 1/2" BSP - RH   | 3/8" BSP   | 59  | 121    | 151    | 19 | 34 | 1/4" BSPP | 120    | 13    | 81,50  | 39,50 | 25    | 26 | 8 (2x180°)   |    |    |    | 0,77 |
| 15   | 1/2" BSP   | 3/8" BSP | 3050-1136-207D | 1/2" BSP - LH   | 3/8" BSP   | 59  | 121    | 151    | 19 | 34 | 1/4" BSPP | 120    | 13    | 81,50  | 39,50 | 25    | 26 | 8 (2x180°)   |    |    |    | 0,77 |
| 15   | 1/2" BSP   | 3/8" BSP | 3050-1136-100D | Ø24             | 3/8" BSP   | 59  | 121    | 151    |    | 34 | 1/4" BSPP | 120    | 13    | 83,50  | 39,50 | 25    |    | 8 (2x180°)   | 22 | 6  | 11 | 0,77 |
| 20   | 3/4" NPT   | 3/8" NPT | 3075-1036-108D | 3/4" NPT - RH   | 1/2" NPT   | 69  | 136,50 | 171,50 | 19 | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    | 30 | 8,5 (2x180°) |    |    |    | 1,11 |
| 20   | 3/4" NPT   | 3/8" NPT | 3075-1036-109D | 3/4" NPT - LH   | 1/2" NPT   | 69  | 136,50 | 171,50 | 19 | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    | 30 | 8,5 (2x180°) |    |    |    | 1,11 |
| 20   | 3/4" NPT   | 3/8" NPT | 3075-1036-100D | Ø30             | 1/2" NPT   | 69  | 136,50 | 171,50 |    | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    | 30 | 8,5 (2x180°) | 28 | 8  | 14 | 1,11 |
| 20   | 3/4" BSP   | 3/8" BSP | 3075-1136-208D | 3/4" BSP - RH   | 1/2" BSP   | 69  | 136,50 | 171,50 | 19 | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    | 30 | 8,5 (2x180°) |    |    |    | 1,11 |
| 20   | 3/4" BSP   | 3/8" BSP | 3075-1136-209D | 3/4" BSP - LH   | 1/2" BSP   | 69  | 136,50 | 171,50 | 19 | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    | 30 | 8,5 (2x180°) |    |    |    | 1,11 |
| 20   | 3/4" BSP   | 3/8" BSP | 3075-1136-100D | Ø30             | 1/2" BSP   | 69  | 136,50 | 171,50 |    | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    | 30 | 8,5 (2x180°) | 28 | 8  | 14 | 1,11 |
| 25   | 1" NPT     | 1/2" NPT | 3100-1036-110D | 1" NPT - RH     | 3/4" NPT   | 79  | 158    | 200    | 22 | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 | 36 | 8,5 (2x180°) |    |    |    | 1,60 |
| 25   | 1" NPT     | 1/2" NPT | 3100-1036-111D | 1" NPT - LH     | 3/4" NPT   | 79  | 158    | 200    | 22 | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 | 36 | 8,5 (2x180°) |    |    |    | 1,60 |
| 25   | 1" NPT     | 1/2" NPT | 3100-1036-100D | Ø35             | 3/4" NPT   | 79  | 158    | 200    |    | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 |    | 8,5 (2x180°) | 33 | 8  | 14 | 1,60 |
| 25   | 1" BSP     | 1/2" BSP | 3100-1136-110D | 1" BSP - RH     | 3/4" BSP   | 79  | 158    | 200    | 22 | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 | 36 | 8,5 (2x180°) |    |    |    | 1,60 |
| 25   | 1" BSP     | 1/2" BSP | 3100-1136-111D | 1" BSP - LH     | 3/4" BSP   | 79  | 158    | 200    | 22 | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 | 36 | 8,5 (2x180°) |    |    |    | 1,60 |
| 25   | 1" BSP     | 1/2" BSP | 3100-1136-100D | Ø35             | 3/4" BSP   | 79  | 158    | 200    |    | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 |    | 8,5 (2x180°) | 33 | 8  | 14 | 1,60 |
| 32   | 1 1/4" NPT | 3/4" NPT | 3125-1036-112D | 1 1/4" NPT - RH | 1" NPT     | 89  | 192    | 235,50 | 28 | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 | 46 | 8,5 (2x180°) |    |    |    | 2,40 |
| 32   | 1 1/4" NPT | 3/4" NPT | 3125-1036-113D | 1 1/4" NPT - LH | 1" NPT     | 89  | 192    | 235,50 | 28 | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 | 46 | 8,5 (2x180°) |    |    |    | 2,40 |
| 32   | 1 1/4" NPT | 3/4" NPT | 3125-1036-100D | Ø45             | 1" NPT     | 89  | 192    | 235,50 |    | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 |    | 8,5 (2x180°) | 43 | 8  | 14 | 2,40 |
| 32   | 1 1/4" BSP | 3/4" BSP | 3125-1136-212D | 1 1/4" BSP - RH | 1" BSP     | 89  | 192    | 235,50 | 28 | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 | 46 | 8,5 (2x180°) |    |    |    | 2,40 |
| 32   | 1 1/4" BSP | 3/4" BSP | 3125-1136-213D | 1 1/4" BSP - LH | 1" BSP     | 89  | 192    | 235,50 | 28 | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 | 46 | 8,5 (2x180°) |    |    |    | 2,40 |
| 32   | 1 1/4" BSP | 3/4" BSP | 3125-1136-100D | Ø45             | 1" BSP     | 89  | 192    | 235,50 |    | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 |    | 8,5 (2x180°) | 43 | 8  | 14 | 2,40 |
| 40   | 1 1/2" NPT | 3/4" NPT | 3150-1036-114D | 1 1/2" NPT - RH | 1 1/4" NPT | 109 | 225    | 279    | 30 | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    | 55 | 8,5 (2x180°) |    |    |    | 4,30 |
| 40   | 1 1/2" NPT | 3/4" NPT | 3150-1036-115D | 1 1/2" NPT - LH | 1 1/4" NPT | 109 | 225    | 279    | 30 | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    | 55 | 8,5 (2x180°) |    |    |    | 4,30 |
| 40   | 1 1/2" NPT | 3/4" NPT | 3150-1036-100D | Ø50             | 1 1/4" NPT | 109 | 225    | 279    |    | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    |    | 8,5 (2x180°) | 48 | 10 | 17 | 4,30 |
| 40   | 1 1/2" BSP | 3/4" BSP | 3150-1136-214D | 1 1/2" BSP - RH | 1 1/4" BSP | 109 | 225    | 279    | 30 | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    | 55 | 8,5 (2x180°) |    |    |    | 4,30 |
| 40   | 1 1/2" BSP | 3/4" BSP | 3150-1136-215D | 1 1/2" BSP - LH | 1 1/4" BSP | 109 | 225    | 279    | 30 | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    | 55 | 8,5 (2x180°) |    |    |    | 4,30 |
| 40   | 1 1/2" BSP | 3/4" BSP | 3150-1136-100D | Ø50             | 1 1/4" BSP | 109 | 225    | 279    |    | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    |    | 8,5 (2x180°) | 48 | 10 | 17 | 4,30 |
| 50   | 2" NPT     | 1" NPT   | 3200-1036-116D | 2" NPT - RH     | 1 1/2" NPT | 119 | 249    | 306    | 30 | 64 | 1" BSPP   | 249    | 48    | 164    | 87,50 | 46,50 | 60 | 8,5 (2x180°) |    |    |    | 5    |



|     |            |        |                |             |            |     |     |     |    |     |             |     |       |        |       |       |     |              |    |    |    |       |
|-----|------------|--------|----------------|-------------|------------|-----|-----|-----|----|-----|-------------|-----|-------|--------|-------|-------|-----|--------------|----|----|----|-------|
| 50  | 2" NPT     | 1" NPT | 3200-1036-117D | 2" NPT - LH | 1 1/2" NPT | 119 | 249 | 306 | 30 | 64  | 1" BSPP     | 249 | 48    | 164    | 87,50 | 46,50 | 60  | 8,5 (2x180°) |    |    |    | 5     |
| 50  | 2" NPT     | 1" NPT | 3200-1036-100D | Ø48         |            | 119 | 249 | 306 |    | 64  | 1" BSPP     | 249 | 48    | 164    | 87,50 | 46,50 |     | 8,5 (2x180°) | 63 | 10 | 17 | 5     |
| 50  | 2" BSP     | 1" BSP | 3200-1136-216D | 2" BSP - RH | 1 1/2" BSP | 119 | 249 | 306 | 30 | 64  | 1" BSPP     | 249 | 48    | 164    | 87,50 | 46,50 | 60  | 8,5 (2x180°) |    |    |    | 5     |
| 50  | 2" BSP     | 1" BSP | 3200-1136-217D | 2" BSP - LH | 1 1/2" BSP | 119 | 249 | 306 | 30 | 64  | 1" BSPP     | 249 | 48    | 164    | 87,50 | 46,50 | 60  | 8,5 (2x180°) |    |    |    | 5     |
| 50  | 2" BSP     | 1" BSP | 3200-1136-100D | Ø48         |            | 119 | 249 | 306 |    | 64  | 1" BSPP     | 249 | 48    | 164    | 87,50 | 46,50 |     | 8,5 (2x180°) | 63 | 10 | 17 | 5     |
| 65  | 1 1/2" NPT |        | 3250-1036-118D | 2 1/2" NPT  | 2 1/2" NPT | 149 | 317 |     | 18 | 79  | 1 1/2" BSPP | 291 | 60,50 | 202,50 |       | 63    | 88  | 14 (2x180°)  |    |    |    | 10,60 |
| 65  | 1 1/2" NPT |        | 3250-1036-119D | 2 1/2" NPT  | 2 1/2" NPT | 149 | 317 |     | 18 | 79  | 1 1/2" BSPP | 291 | 60,50 | 202,50 |       | 63    | 88  | 14 (2x180°)  |    |    |    | 10,60 |
| 65  | 1 1/2" BSP |        | 3250-1136-218D | 2 1/2" BSP  | 2 1/2" BSP | 149 | 317 |     | 18 | 79  | 1 1/2" BSPP | 291 | 60,50 | 202,50 |       | 63    | 88  | 14 (2x180°)  |    |    |    | 10,60 |
| 65  | 1 1/2" BSP |        | 3250-1136-219D | 2 1/2" BSP  | 2 1/2" BSP | 149 | 317 |     | 18 | 79  | 1 1/2" BSPP | 291 | 60,50 | 202,50 |       | 63    | 88  | 14 (2x180°)  |    |    |    | 10,60 |
| 80  | 2" NPT     |        | 3300-1036-120D | 3" NPT      | 3" NPT     | 169 | 337 |     | 44 | 89  | 2" BSPP     | 320 | 73    | 223    |       | 77    | 100 | 14 (2x180°)  |    |    |    | 14,20 |
| 80  | 2" NPT     |        | 3300-1036-121D | 3" NPT      | 3" NPT     | 169 | 337 |     | 44 | 89  | 2" BSPP     | 320 | 73    | 223    |       | 77    | 100 | 14 (2x180°)  |    |    |    | 14,20 |
| 80  | 2" BSP     |        | 3300-1136-220D | 3" BSP      | 3" BSP     | 169 | 337 |     | 44 | 89  | 2" BSPP     | 320 | 73    | 223    |       | 77    | 100 | 14 (2x180°)  |    |    |    | 14,20 |
| 80  | 2" BSP     |        | 3300-1136-221D | 3" BSP      | 3" BSP     | 169 | 337 |     | 44 | 89  | 2" BSPP     | 320 | 73    | 223    |       | 77    | 100 | 14 (2x180°)  |    |    |    | 14,20 |
| 100 | 2 1/2" NPT |        | 3400-1036-122D | 4" NPT      | 4" NPT     | 209 | 408 |     | 40 | 108 | 2 1/2" BSPP | 376 | 96    | 271    |       | 90    | 122 | 14 (2x180°)  |    |    |    | 20    |
| 100 | 2 1/2" NPT |        | 3400-1036-123D | 4" NPT      | 4" NPT     | 209 | 408 |     | 40 | 108 | 2 1/2" BSPP | 376 | 96    | 271    |       | 90    | 122 | 14 (2x180°)  |    |    |    | 20    |
| 100 | 2 1/2" BSP |        | 3400-1136-222D | 4" BSP      | 4" BSP     | 209 | 408 |     | 40 | 108 | 2 1/2" BSPP | 376 | 96    | 271    |       | 90    | 122 | 14 (2x180°)  |    |    |    | 20    |
| 100 | 2 1/2" BSP |        | 3400-1136-223D | 4" BSP      | 4" BSP     | 209 | 408 |     | 40 | 108 | 2 1/2" BSPP | 376 | 96    | 271    |       | 90    | 122 | 14 (2x180°)  |    |    |    | 20    |



Rotary Joint

# 3000 C-T1 Series



Media Type

**Water + General Purpose**



Max. Speed

**750 - 3500 RPM**



Max. Pressure

**50 BAR**



Max. Temperature

**120 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**1/4" DN08 - 4" DN100**



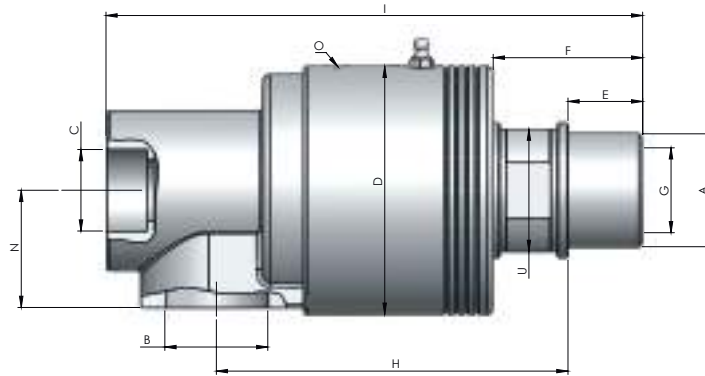
Rotary Joint for water & general purpose

- ✓ Single flow design
- ✓ Balanced mechanical sealing
- ✓ Electroless nickel-plated steel body and stainless steel shaft/rotor
- ✓ Silicon carbide sealing components
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS



| SIZE | B        | MODEL NO     | A             | DØ | I     | E     | F     | GØ   | H     | N     | U  | LØ | S | T  | OØ           | KG   |
|------|----------|--------------|---------------|----|-------|-------|-------|------|-------|-------|----|----|---|----|--------------|------|
| 8    | 1/4" NPT | 3025-836-102 | 1/4" NPT - RH | 45 | 91,50 | 12,50 | 23,50 | 6,50 | 61    | 20    | 20 |    |   |    | 5 (2x180°)   | 0,54 |
| 8    | 1/4" NPT | 3025-836-103 | 1/4" NPT - LH | 45 | 91,50 | 12,50 | 23,50 | 6,50 | 61    | 20    | 20 |    |   |    | 5 (2x180°)   | 0,54 |
| 8    | 1/4" BSP | 3025-936-202 | 1/4" BSP - RH | 45 | 91,50 | 12,50 | 23,50 | 6,50 | 61    | 20    | 20 |    |   |    | 5 (2x180°)   | 0,54 |
| 8    | 1/4" BSP | 3025-936-203 | 1/4" BSP - LH | 45 | 91,50 | 12,50 | 23,50 | 6,50 | 61    | 20    | 20 |    |   |    | 5 (2x180°)   | 0,54 |
| 10   | 3/8" NPT | 3037-836-104 | 3/8" NPT - RH | 45 | 93    | 14,50 | 25    | 10   | 59,50 | 20    | 20 |    |   |    | 5 (2x180°)   | 0,54 |
| 10   | 3/8" NPT | 3037-836-105 | 3/8" NPT - LH | 45 | 93    | 14,50 | 25    | 10   | 59,50 | 20    | 20 |    |   |    | 5 (2x180°)   | 0,54 |
| 10   | 3/8" BSP | 3037-936-204 | 3/8" BSP - RH | 45 | 93    | 14,50 | 25    | 10   | 59,50 | 20    | 20 |    |   |    | 5 (2x180°)   | 0,54 |
| 10   | 3/8" BSP | 3037-936-205 | 3/8" BSP - LH | 45 | 93    | 14,50 | 25    | 10   | 59,50 | 20    | 20 |    |   |    | 5 (2x180°)   | 0,54 |
| 15   | 1/2" NPT | 3050-836-106 | 1/2" NPT - RH | 57 | 121   | 19    | 34    | 13   | 81,50 | 25,00 | 26 |    |   |    | 8,5 (2x180°) | 1,06 |
| 15   | 1/2" NPT | 3050-836-107 | 1/2" NPT - LH | 57 | 121   | 19    | 34    | 13   | 81,50 | 25,00 | 26 |    |   |    | 8,5 (2x180°) | 1,06 |
| 15   | 1/2" NPT | 3050-836-100 | Ø24           | 57 | 121   |       | 34    | 13   | 81,50 | 25,00 |    | 22 | 6 | 11 | 8,5 (2x180°) | 1,06 |
| 15   | 1/2" BSP | 3050-936-206 | 1/2" BSP - RH | 57 | 121   | 19    | 34    | 13   | 81,50 | 25,00 | 26 |    |   |    | 8,5 (2x180°) | 1,06 |



|     |            |              |                 |     |        |    |     |       |        |       |     |     |    |    |              |       |
|-----|------------|--------------|-----------------|-----|--------|----|-----|-------|--------|-------|-----|-----|----|----|--------------|-------|
| 15  | 1/2" BSP   | 3050-936-207 | 1/2" BSP - LH   | 57  | 121    | 19 | 34  | 13    | 81,50  | 25,00 | 26  |     |    |    | 8,5 (2x180°) | 1,06  |
| 15  | 1/2" BSP   | 3050-936-100 | Ø24             | 57  | 121    |    | 34  | 13    | 81,50  | 25,00 |     | 22  | 6  | 11 | 8,5 (2x180°) | 1,06  |
| 20  | 3/4" NPT   | 3075-836-108 | 3/4" NPT - RH   | 67  | 136,50 | 19 | 36  | 17,50 | 91,50  | 30    | 30  |     |    |    | 8,5 (2x180°) | 1,62  |
| 20  | 3/4" NPT   | 3075-836-109 | 3/4" NPT - LH   | 67  | 136,50 | 19 | 36  | 17,50 | 91,50  | 30    | 30  |     |    |    | 8,5 (2x180°) | 1,62  |
| 20  | 3/4" NPT   | 3075-836-100 | Ø30             | 67  | 136,50 |    | 36  | 17,50 | 91,50  | 30    |     | 28  | 8  | 14 | 8,5 (2x180°) | 1,62  |
| 20  | 3/4" BSP   | 3075-936-208 | 3/4" BSP - RH   | 67  | 136,50 | 19 | 36  | 17,50 | 91,50  | 30    | 30  |     |    |    | 8,5 (2x180°) | 1,62  |
| 20  | 3/4" BSP   | 3075-936-209 | 3/4" BSP - LH   | 67  | 136,50 | 19 | 36  | 17,50 | 91,50  | 30    | 30  |     |    |    | 8,5 (2x180°) | 1,62  |
| 20  | 3/4" BSP   | 3075-936-100 | Ø30             | 67  | 136,50 |    | 36  | 17,50 | 91,50  | 30    |     | 28  | 8  | 14 | 8,5 (2x180°) | 1,62  |
| 25  | 1" NPT     | 3100-836-110 | 1" NPT - RH     | 73  | 158    | 22 | 44  | 25    | 103,50 | 34,50 | 36  |     |    |    | 8,5 (2x180°) | 2,02  |
| 25  | 1" NPT     | 3100-836-111 | 1" NPT - LH     | 73  | 158    | 22 | 44  | 25    | 103,50 | 34,50 | 36  |     |    |    | 8,5 (2x180°) | 2,02  |
| 25  | 1" NPT     | 3100-836-100 | Ø35             | 73  | 158    |    | 44  | 25    | 103,50 | 34,50 |     | 33  | 8  | 14 | 8,5 (2x180°) | 2,02  |
| 25  | 1" BSP     | 3100-936-210 | 1" BSP - RH     | 73  | 158    | 22 | 44  | 25    | 103,50 | 34,50 | 36  |     |    |    | 8,5 (2x180°) | 2,02  |
| 25  | 1" BSP     | 3100-936-211 | 1" BSP - LH     | 73  | 158    | 22 | 44  | 25    | 103,50 | 34,50 | 36  |     |    |    | 8,5 (2x180°) | 2,02  |
| 25  | 1" BSP     | 3100-936-100 | Ø35             | 73  | 158    |    | 44  | 25    | 103,50 | 34,50 |     | 33  | 8  | 14 | 8,5 (2x180°) | 2,02  |
| 32  | 1 1/4" NPT | 3125-836-112 | 1 1/4" NPT - RH | 87  | 192    | 28 | 52  | 32    | 123    | 36,50 | 46  |     |    |    | 8,5 (2x180°) | 3,70  |
| 32  | 1 1/4" NPT | 3125-836-113 | 1 1/4" NPT - LH | 87  | 192    | 28 | 52  | 32    | 123    | 36,50 | 46  |     |    |    | 8,5 (2x180°) | 3,39  |
| 32  | 1 1/4" NPT | 3125-836-100 | Ø45             | 87  | 192    |    | 52  | 32    | 129    | 36,50 |     | 43  | 8  | 14 | 8,5 (2x180°) | 3,39  |
| 32  | 1 1/4" BSP | 3125-936-212 | 1 1/4" BSP - RH | 87  | 192    | 28 | 52  | 32    | 123    | 36,50 | 46  |     |    |    | 8,5 (2x180°) | 3,39  |
| 32  | 1 1/4" BSP | 3125-936-213 | 1 1/4" BSP - LH | 87  | 192    | 28 | 52  | 32    | 123    | 36,50 | 46  |     |    |    | 8,5 (2x180°) | 3,39  |
| 32  | 1 1/4" BSP | 3125-936-100 | Ø45             | 87  | 192    |    | 52  | 32    | 129    | 36,50 |     | 43  | 8  | 14 | 8,5 (2x180°) | 3,39  |
| 40  | 1 1/2" NPT | 3150-836-114 | 1 1/2" NPT - RH | 102 | 225    | 30 | 70  | 38    | 153    | 43    | 55  |     |    |    | 8,5 (2x180°) | 5,00  |
| 40  | 1 1/2" NPT | 3150-836-115 | 1 1/2" NPT - LH | 102 | 225    | 30 | 70  | 38    | 153    | 43    | 55  |     |    |    | 8,5 (2x180°) | 5,00  |
| 40  | 1 1/2" NPT | 3150-836-100 | Ø50             | 102 | 225    |    | 70  | 38    | 156    | 43    |     | 48  | 10 | 17 | 8,5 (2x180°) | 5,00  |
| 40  | 1 1/2" BSP | 3150-936-214 | 1 1/2" BSP - RH | 102 | 225    | 30 | 70  | 38    | 153    | 43    | 55  |     |    |    | 8,5 (2x180°) | 5,00  |
| 40  | 1 1/2" BSP | 3150-936-215 | 1 1/2" BSP - LH | 102 | 225    | 30 | 70  | 38    | 153    | 43    | 55  |     |    |    | 8,5 (2x180°) | 5,00  |
| 40  | 1 1/2" BSP | 3150-936-100 | Ø50             | 102 | 225    |    | 70  | 38    | 156    | 43    |     | 48  | 10 | 17 | 8,5 (2x180°) | 5,00  |
| 50  | 2" NPT     | 3200-836-116 | 2" NPT - RH     | 115 | 249    | 30 | 64  | 48    | 164    | 46,50 | 60  |     |    |    | 8,5 (2x180°) | 7,37  |
| 50  | 2" NPT     | 3200-836-117 | 2" NPT - LH     | 115 | 249    | 30 | 64  | 48    | 164    | 46,50 | 60  |     |    |    | 8,5 (2x180°) | 7,37  |
| 50  | 2" NPT     | 3200-836-100 | Ø65             | 115 | 249    |    | 64  | 48    | 164    | 46,50 |     | 63  | 10 | 17 | 8,5 (2x180°) | 7,37  |
| 50  | 2" BSP     | 3200-936-216 | 2" BSP - RH     | 115 | 249    | 30 | 64  | 48    | 164    | 46,50 | 60  |     |    |    | 8,5 (2x180°) | 7,37  |
| 50  | 2" BSP     | 3200-936-217 | 2" BSP - LH     | 115 | 249    | 30 | 64  | 48    | 164    | 46,50 | 60  |     |    |    | 8,5 (2x180°) | 7,37  |
| 50  | 2" BSP     | 3200-936-100 | Ø65             | 115 | 249    |    | 64  | 48    | 164    | 46,50 |     | 63  | 10 | 17 | 8,5 (2x180°) | 7,37  |
| 65  | 1 1/2" NPT | 3250-836-118 | 2 1/2" NPT - RH | 149 | 287    | 38 | 80  | 60,50 | 204    | 63    | 88  |     |    |    | 10 (2x180°)  | 20,66 |
| 65  | 1 1/2" NPT | 3250-836-119 | 2 1/2" NPT - LH | 149 | 287    | 38 | 80  | 60,50 | 204    | 63    | 88  |     |    |    | 10 (2x180°)  | 20,66 |
| 65  | 1 1/2" NPT | 3250-836-100 | Ø85             | 149 | 287    |    | 80  | 60,50 | 215    | 63    |     |     |    |    | 10 (2x180°)  | 20,66 |
| 65  | 1 1/2" BSP | 3250-936-218 | 2 1/2" BSP - RH | 149 | 287    | 38 | 80  | 60,50 | 204    | 63    | 88  |     |    |    | 10 (2x180°)  | 20,66 |
| 65  | 1 1/2" BSP | 3250-936-219 | 2 1/2" BSP - LH | 149 | 287    | 38 | 80  | 60,50 | 204    | 63    | 88  |     |    |    | 10 (2x180°)  | 20,66 |
| 65  | 1 1/2" BSP | 3250-936-100 | Ø85             | 149 | 287    |    | 80  | 60,50 | 215    | 63    |     |     |    |    | 10 (2x180°)  | 20,66 |
| 80  | 2" NPT     | 3300-836-120 | 3" NPT - RH     | 169 | 317    | 44 | 89  | 73    | 223    | 77    | 100 |     |    |    | 14 (2x180°)  | 23,50 |
| 80  | 2" NPT     | 3300-836-121 | 3" NPT - LH     | 169 | 317    | 44 | 89  | 73    | 223    | 77    | 100 |     |    |    | 14 (2x180°)  | 23,50 |
| 80  | 2" NPT     | 3300-836-100 | Ø105            | 169 | 317    |    | 89  | 73    | 235    | 77    |     | 102 | 12 | 20 | 14 (2x180°)  | 23,50 |
| 80  | 2" BSP     | 3300-936-220 | 3" BSP - RH     | 169 | 317    | 44 | 89  | 73    | 223    | 77    | 100 |     |    |    | 14 (2x180°)  | 23,50 |
| 80  | 2" BSP     | 3300-936-221 | 3" BSP - LH     | 169 | 317    | 44 | 89  | 73    | 223    | 77    | 100 |     |    |    | 14 (2x180°)  | 23,50 |
| 80  | 2" BSP     | 3300-936-100 | Ø105            | 169 | 317    |    | 89  | 73    | 235    | 77    |     | 102 | 12 | 20 | 14 (2x180°)  | 23,50 |
| 100 | 2" NPT     | 3400-836-120 | 4" NPT - RH     | 209 | 379    | 45 | 115 | 96    | 273    | 90    | 122 |     |    |    | 14 (2x180°)  | 30,60 |
| 100 | 2" NPT     | 3400-836-121 | 4" NPT - LH     | 209 | 379    | 45 | 115 | 96    | 273    | 90    | 122 |     |    |    | 14 (2x180°)  | 30,60 |
| 100 | 2" NPT     | 3400-836-100 | Ø114            | 209 | 379    |    | 115 | 96    | 252    | 90    |     | 110 | 30 | 36 | 14 (2x180°)  | 30,60 |
| 100 | 2" BSP     | 3400-936-220 | 4" BSP - RH     | 209 | 379    | 45 | 115 | 96    | 273    | 90    | 122 |     |    |    | 14 (2x180°)  | 30,60 |



|     |        |              |             |     |     |    |     |    |     |    |     |     |    |    |             |       |
|-----|--------|--------------|-------------|-----|-----|----|-----|----|-----|----|-----|-----|----|----|-------------|-------|
| 100 | 2" BSP | 3400-936-221 | 4" BSP - LH | 209 | 379 | 45 | 115 | 96 | 273 | 90 | 122 |     |    |    | 14 (2x180°) | 30,60 |
| 100 | 2" BSP | 3400-936-100 | Ø114        | 209 | 379 |    | 115 | 96 | 252 | 90 |     | 110 | 30 | 36 | 14 (2x180°) | 30,60 |



Rotary Joint

# 3000C-T2 Series



Media Type

**Water + General Purpose**



Max. Speed

**750 - 3500 RPM**



Max. Pressure

**50 BAR**



Max. Temperature

**120 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**1/2" DN15 - 4" DN100**



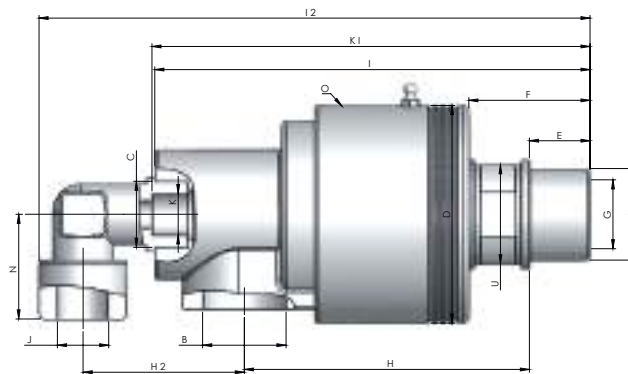
Rotary Joint for water & general purpose

- ✓ Dual flow
- ✓ Balanced mechanical sealing
- ✓ Silicon carbide sealing components
- ✓ Electroless nickel-plated steel body and stainless steel shaft/rotor
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS





| SIZE | B          | J        | MODEL NO      | A               | C          | DØ  | I      | I 2    | E  | F  | K         | K I    | GØ    | H      | H 2   | N     | U  | OØ           | LØ | S  | T  | KG   |
|------|------------|----------|---------------|-----------------|------------|-----|--------|--------|----|----|-----------|--------|-------|--------|-------|-------|----|--------------|----|----|----|------|
| 15   | 1/2" NPT   | 3/8" NPT | 3050-836-106D | 1/2" NPT - RH   | 3/8" NPT   | 59  | 121    | 151    | 19 | 34 | 1/4" BSPP | 120    | 13    | 81,50  | 39,50 | 25    | 26 | 8 (2x180°)   |    |    |    | 1,06 |
| 15   | 1/2" NPT   | 3/8" NPT | 3050-836-107D | 1/2" NPT - LH   | 3/8" NPT   | 59  | 121    | 151    | 19 | 34 | 1/4" BSPP | 120    | 13    | 81,50  | 39,50 | 25    | 26 | 8 (2x180°)   |    |    |    | 1,06 |
| 15   | 1/2" NPT   | 3/8" NPT | 3050-836-100D | Ø24             | 3/8" NPT   | 59  | 121    | 151    |    | 34 | 1/4" BSPP | 120    | 13    | 83,50  | 39,50 | 25    |    | 8 (2x180°)   | 22 | 6  | 11 | 1,06 |
| 15   | 1/2" BSP   | 3/8" BSP | 3050-936-206D | 1/2" BSP - RH   | 3/8" BSP   | 59  | 121    | 151    | 19 | 34 | 1/4" BSPP | 120    | 13    | 81,50  | 39,50 | 25    | 26 | 8 (2x180°)   |    |    |    | 1,06 |
| 15   | 1/2" BSP   | 3/8" BSP | 3050-936-207D | 1/2" BSP - LH   | 3/8" BSP   | 59  | 121    | 151    | 19 | 34 | 1/4" BSPP | 120    | 13    | 81,50  | 39,50 | 25    | 26 | 8 (2x180°)   |    |    |    | 1,06 |
| 15   | 1/2" BSP   | 3/8" BSP | 3050-936-100D | Ø24             | 3/8" BSP   | 59  | 121    | 151    |    | 34 | 1/4" BSPP | 120    | 13    | 83,50  | 39,50 | 25    |    | 8 (2x180°)   | 22 | 6  | 11 | 1,06 |
| 20   | 3/4" NPT   | 3/8" NPT | 3075-836-108D | 3/4" NPT - RH   | 1/2" NPT   | 69  | 136,50 | 171,50 | 19 | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    | 30 | 8,5 (2x180°) |    |    |    | 1,75 |
| 20   | 3/4" NPT   | 3/8" NPT | 3075-836-109D | 3/4" NPT - LH   | 1/2" NPT   | 69  | 136,50 | 171,50 | 19 | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    | 30 | 8,5 (2x180°) |    |    |    | 1,75 |
| 20   | 3/4" NPT   | 3/8" NPT | 3075-836-100D | Ø30             | 1/2" NPT   | 69  | 136,50 | 171,50 |    | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    | 30 | 8,5 (2x180°) | 28 | 8  | 14 | 1,75 |
| 20   | 3/4" BSP   | 3/8" BSP | 3075-936-208D | 3/4" BSP - RH   | 1/2" BSP   | 69  | 136,50 | 171,50 | 19 | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    | 30 | 8,5 (2x180°) |    |    |    | 1,75 |
| 20   | 3/4" BSP   | 3/8" BSP | 3075-936-209D | 3/4" BSP - LH   | 1/2" BSP   | 69  | 136,50 | 171,50 | 19 | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    | 30 | 8,5 (2x180°) |    |    |    | 1,75 |
| 20   | 3/4" BSP   | 3/8" BSP | 3075-936-100D | Ø30             | 1/2" BSP   | 69  | 136,50 | 171,50 |    | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    | 30 | 8,5 (2x180°) | 28 | 8  | 14 | 1,75 |
| 25   | 1" NPT     | 1/2" NPT | 3100-836-110D | 1" NPT - RH     | 3/4" NPT   | 79  | 158    | 200    | 22 | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 | 36 | 8,5 (2x180°) |    |    |    | 2,20 |
| 25   | 1" NPT     | 1/2" NPT | 3100-836-111D | 1" NPT - LH     | 3/4" NPT   | 79  | 158    | 200    | 22 | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 | 36 | 8,5 (2x180°) |    |    |    | 2,20 |
| 25   | 1" NPT     | 1/2" NPT | 3100-836-100D | Ø35             | 3/4" NPT   | 79  | 158    | 200    |    | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 |    | 8,5 (2x180°) | 33 | 8  | 14 | 2,20 |
| 25   | 1" BSP     | 1/2" BSP | 3100-936-210D | 1" BSP - RH     | 3/4" BSP   | 79  | 158    | 200    | 22 | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 | 36 | 8,5 (2x180°) |    |    |    | 2,20 |
| 25   | 1" BSP     | 1/2" BSP | 3100-936-211D | 1" BSP - LH     | 3/4" BSP   | 79  | 158    | 200    | 22 | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 | 36 | 8,5 (2x180°) |    |    |    | 2,20 |
| 25   | 1" BSP     | 1/2" BSP | 3100-936-100D | Ø35             | 3/4" BSP   | 79  | 158    | 200    |    | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 |    | 8,5 (2x180°) | 33 | 8  | 14 | 2,20 |
| 32   | 1 1/4" NPT | 3/4" NPT | 3125-836-112D | 1 1/4" NPT - RH | 1" NPT     | 89  | 192    | 235,50 | 28 | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 | 46 | 8,5 (2x180°) |    |    |    | 3,60 |
| 32   | 1 1/4" NPT | 3/4" NPT | 3125-836-113D | 1 1/4" NPT - LH | 1" NPT     | 89  | 192    | 235,50 | 28 | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 | 46 | 8,5 (2x180°) |    |    |    | 3,60 |
| 32   | 1 1/4" NPT | 3/4" NPT | 3125-836-100D | Ø45             | 1" NPT     | 89  | 192    | 235,50 |    | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 |    | 8,5 (2x180°) | 43 | 8  | 14 | 3,60 |
| 32   | 1 1/4" BSP | 3/4" BSP | 3125-936-212D | 1 1/4" BSP - RH | 1" BSP     | 89  | 192    | 235,50 | 28 | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 | 46 | 8,5 (2x180°) |    |    |    | 3,60 |
| 32   | 1 1/4" BSP | 3/4" BSP | 3125-936-213D | 1 1/4" BSP - LH | 1" BSP     | 89  | 192    | 235,50 | 28 | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 | 46 | 8,5 (2x180°) |    |    |    | 3,60 |
| 32   | 1 1/4" BSP | 3/4" BSP | 3125-936-100D | Ø45             | 1" BSP     | 89  | 192    | 235,50 |    | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 |    | 8,5 (2x180°) | 43 | 8  | 14 | 3,60 |
| 40   | 1 1/2" NPT | 3/4" NPT | 3150-836-114D | 1 1/2" NPT - RH | 1 1/4" NPT | 109 | 225    | 279    | 30 | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    | 55 | 8,5 (2x180°) |    |    |    | 5,70 |
| 40   | 1 1/2" NPT | 3/4" NPT | 3150-836-115D | 1 1/2" NPT - LH | 1 1/4" NPT | 109 | 225    | 279    | 30 | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    | 55 | 8,5 (2x180°) |    |    |    | 5,70 |
| 40   | 1 1/2" NPT | 3/4" NPT | 3150-836-100D | Ø50             | 1 1/4" NPT | 109 | 225    | 279    |    | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    |    | 8,5 (2x180°) | 48 | 10 | 17 | 5,70 |
| 40   | 1 1/2" BSP | 3/4" BSP | 3150-936-214D | 1 1/2" BSP - RH | 1 1/4" BSP | 109 | 225    | 279    | 30 | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    | 55 | 8,5 (2x180°) |    |    |    | 5,70 |
| 40   | 1 1/2" BSP | 3/4" BSP | 3150-936-215D | 1 1/2" BSP - LH | 1 1/4" BSP | 109 | 225    | 279    | 30 | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    | 55 | 8,5 (2x180°) |    |    |    | 5,7  |
| 40   | 1 1/2" BSP | 3/4" BSP | 3150-936-100D | Ø50             | 1 1/4" BSP | 109 | 225    | 279    |    | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    |    | 8,5 (2x180°) | 48 | 10 | 17 | 5,70 |
| 50   | 2" NPT     | 1" NPT   | 3200-836-116D | 2" NPT - RH     | 1 1/2" NPT | 119 | 249    | 306    | 30 | 64 | 1" BSPP   | 249    | 48    | 164    | 87,50 | 46,50 | 60 | 8,5 (2x180°) |    |    |    | 7,80 |



|     |            |        |               |             |            |     |     |     |    |     |             |     |       |        |       |       |     |              |    |    |    |       |
|-----|------------|--------|---------------|-------------|------------|-----|-----|-----|----|-----|-------------|-----|-------|--------|-------|-------|-----|--------------|----|----|----|-------|
| 50  | 2" NPT     | 1" NPT | 3200-836-117D | 2" NPT - LH | 1 1/2" NPT | 119 | 249 | 306 | 30 | 64  | 1" BSPP     | 249 | 48    | 164    | 87,50 | 46,50 | 60  | 8,5 (2x180°) |    |    |    | 7,80  |
| 50  | 2" NPT     | 1" NPT | 3200-836-100D | Ø48         |            | 119 | 249 | 306 |    | 64  | 1" BSPP     | 249 | 48    | 164    | 87,50 | 46,50 |     | 8,5 (2x180°) | 63 | 10 | 17 | 7,80  |
| 50  | 2" BSP     | 1" BSP | 3200-936-216D | 2" BSP - RH | 1 1/2" BSP | 119 | 249 | 306 | 30 | 64  | 1" BSPP     | 249 | 48    | 164    | 87,50 | 46,50 | 60  | 8,5 (2x180°) |    |    |    | 7,80  |
| 50  | 2" BSP     | 1" BSP | 3200-936-217D | 2" BSP - LH | 1 1/2" BSP | 119 | 249 | 306 | 30 | 64  | 1" BSPP     | 249 | 48    | 164    | 87,50 | 46,50 | 60  | 8,5 (2x180°) |    |    |    | 7,80  |
| 50  | 2" BSP     | 1" BSP | 3200-936-100D | Ø48         |            | 119 | 249 | 306 |    | 64  | 1" BSPP     | 249 | 48    | 164    | 87,50 | 46,50 |     | 8,5 (2x180°) | 63 | 10 | 17 | 7,80  |
| 65  | 1 1/2" NPT |        | 3250-836-118D | 2 1/2" NPT  | 2 1/2" NPT | 149 | 317 |     | 18 | 79  | 1 1/2" BSPP | 291 | 60,50 | 202,50 |       | 63    | 88  | 14 (2x180°)  |    |    |    | 17    |
| 65  | 1 1/2" NPT |        | 3250-836-119D | 2 1/2" NPT  | 2 1/2" NPT | 149 | 317 |     | 18 | 79  | 1 1/2" BSPP | 291 | 60,50 | 202,50 |       | 63    | 88  | 14 (2x180°)  |    |    |    | 17    |
| 65  | 1 1/2" BSP |        | 3250-936-218D | 2 1/2" BSP  | 2 1/2" BSP | 149 | 317 |     | 18 | 79  | 1 1/2" BSPP | 291 | 60,50 | 202,50 |       | 63    | 88  | 14 (2x180°)  |    |    |    | 17    |
| 65  | 1 1/2" BSP |        | 3250-936-219D | 2 1/2" BSP  | 2 1/2" BSP | 149 | 317 |     | 18 | 79  | 1 1/2" BSPP | 291 | 60,50 | 202,50 |       | 63    | 88  | 14 (2x180°)  |    |    |    | 17    |
| 80  | 2" NPT     |        | 3300-836-120D | 3" NPT      | 3" NPT     | 169 | 337 |     | 44 | 89  | 2" BSPP     | 320 | 73    | 223    |       | 77    | 100 | 14 (2x180°)  |    |    |    | 24,60 |
| 80  | 2" NPT     |        | 3300-836-121D | 3" NPT      | 3" NPT     | 169 | 337 |     | 44 | 89  | 2" BSPP     | 320 | 73    | 223    |       | 77    | 100 | 14 (2x180°)  |    |    |    | 24,60 |
| 80  | 2" BSP     |        | 3300-936-220D | 3" BSP      | 3" BSP     | 169 | 337 |     | 44 | 89  | 2" BSPP     | 320 | 73    | 223    |       | 77    | 100 | 14 (2x180°)  |    |    |    | 24,60 |
| 80  | 2" BSP     |        | 3300-936-221D | 3" BSP      | 3" BSP     | 169 | 337 |     | 44 | 89  | 2" BSPP     | 320 | 73    | 223    |       | 77    | 100 | 14 (2x180°)  |    |    |    | 24,60 |
| 100 | 2 1/2" NPT |        | 3400-836-122D | 4" NPT      | 4" NPT     | 209 | 408 |     | 40 | 108 | 2 1/2" BSPP | 376 | 96    | 271    |       | 90    | 122 | 14 (2x180°)  |    |    |    | 30,65 |
| 100 | 2 1/2" NPT |        | 3400-836-123D | 4" NPT      | 4" NPT     | 209 | 408 |     | 40 | 108 | 2 1/2" BSPP | 376 | 96    | 271    |       | 90    | 122 | 14 (2x180°)  |    |    |    | 30,65 |
| 100 | 2 1/2" BSP |        | 3400-936-222D | 4" BSP      | 4" BSP     | 209 | 408 |     | 40 | 108 | 2 1/2" BSPP | 376 | 96    | 271    |       | 90    | 122 | 14 (2x180°)  |    |    |    | 30,65 |
| 100 | 2 1/2" BSP |        | 3400-936-223D | 4" BSP      | 4" BSP     | 209 | 408 |     | 40 | 108 | 2 1/2" BSPP | 376 | 96    | 271    |       | 90    | 122 | 14 (2x180°)  |    |    |    | 30,65 |



Rotary Joint

# 3000HO-T1 Series



Media Type

**Hot Oil**



Max. Speed

**750 - 3500 RPM**



Max. Pressure

**6.5 BAR**



Max. Temperature

**160 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**1/4" DN08 - 4" DN100**



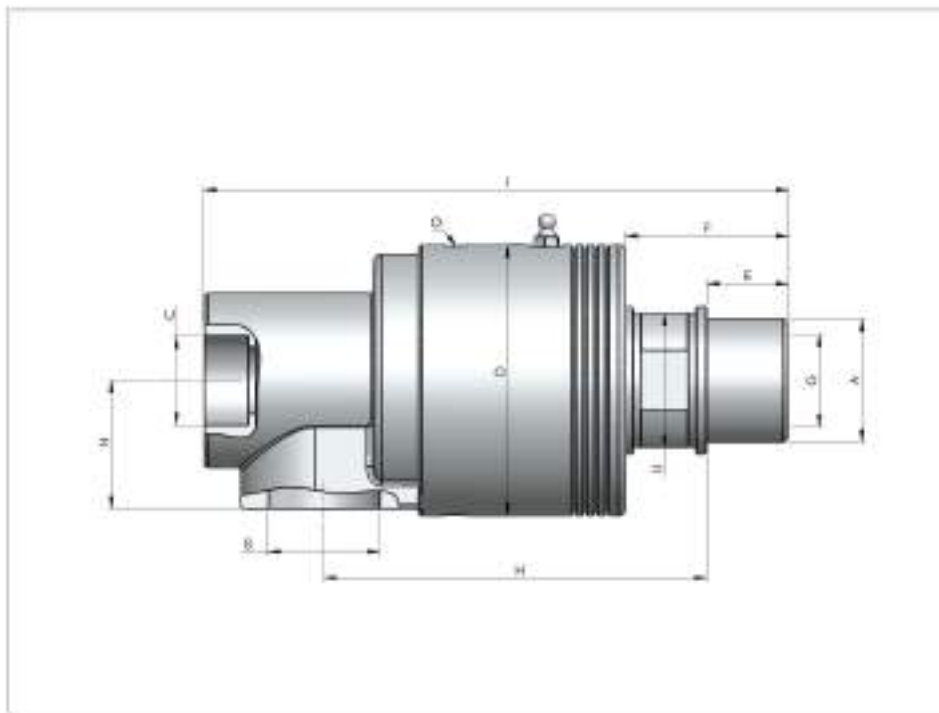
Rotary Joints for Hot Oil (Max. 160°C)

- ✓ Single flow
- ✓ Balanced mechanical sealing
- ✓ Forged brass housing
- ✓ Silicon carbide sealing components
- ✓ Stainless steel shaft and inner parts
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS





| SIZE | B          | J        | MODEL NO     | A               | C          | DØ  | I      | I 2    | E  | F  | K         | K I    | GØ    | H      | H 2   | N     | U  | LØ | S  | T  | OØ           | KG   |
|------|------------|----------|--------------|-----------------|------------|-----|--------|--------|----|----|-----------|--------|-------|--------|-------|-------|----|----|----|----|--------------|------|
| 15   | 1/2" NPT   | 3/8" NPT | 3050-011-106 | 1/2" NPT - RH   | 3/8" NPT   | 57  | 121    | 151    | 19 | 34 | 1/4" BSPP | 120    | 13    | 81,50  | 39,50 | 25,00 | 26 |    |    |    | 8,5 (2x180°) | 1,25 |
| 15   | 1/2" NPT   | 3/8" NPT | 3050-011-107 | 1/2" NPT - LH   | 3/8" NPT   | 57  | 121    | 151    | 19 | 34 | 1/4" BSPP | 120    | 13    | 81,50  | 39,50 | 25,00 | 26 |    |    |    | 8,5 (2x180°) | 1,25 |
| 15   | 1/2" NPT   | 3/8" NPT | 3050-011-100 | Ø24             | 3/8" NPT   | 57  | 121    | 151    |    | 34 | 1/4" BSPP | 120    | 13    | 83,50  | 39,50 | 25,00 |    | 22 | 6  | 11 | 8,5 (2x180°) | 1,25 |
| 15   | 1/2" BSP   | 3/8" BSP | 3050-311-206 | 1/2" BSP - RH   | 3/8" BSP   | 57  | 121    | 151    | 19 | 34 | 1/4" BSPP | 120    | 13    | 81,50  | 39,50 | 25,00 | 26 |    |    |    | 8,5 (2x180°) | 1,25 |
| 15   | 1/2" BSP   | 3/8" BSP | 3050-311-207 | 1/2" BSP - LH   | 3/8" BSP   | 57  | 121    | 151    | 19 | 34 | 1/4" BSPP | 120    | 13    | 81,50  | 39,50 | 25,00 | 26 |    |    |    | 8,5 (2x180°) | 1,25 |
| 15   | 1/2" BSP   | 3/8" BSP | 3050-311-100 | Ø24             | 3/8" BSP   | 57  | 121    | 151    |    | 34 | 1/4" BSPP | 120    | 13    | 83,50  | 39,50 | 25,00 |    | 22 | 6  | 11 | 8,5 (2x180°) | 1,25 |
| 20   | 3/4" NPT   | 3/8" NPT | 3075-011-108 | 3/4" NPT - RH   | 1/2" NPT   | 67  | 136,50 | 171,50 | 19 | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    | 30 |    |    |    | 8,5 (2x180°) | 1,85 |
| 20   | 3/4" NPT   | 3/8" NPT | 3075-011-109 | 3/4" NPT - LH   | 1/2" NPT   | 67  | 136,50 | 171,50 | 19 | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    | 30 |    |    |    | 8,5 (2x180°) | 1,85 |
| 20   | 3/4" NPT   | 3/8" NPT | 3075-011-100 | Ø30             | 1/2" NPT   | 67  | 136,50 | 171,50 |    | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    |    | 28 | 8  | 14 | 8,5 (2x180°) | 1,85 |
| 20   | 3/4" BSP   | 3/8" BSP | 3075-311-208 | 3/4" BSP - RH   | 1/2" BSP   | 67  | 136,50 | 171,50 | 19 | 36 | 1/4" BSPP | 133,70 | 17,50 | 88,50  | 47,50 | 30    | 30 |    |    |    | 8,5 (2x180°) | 1,85 |
| 20   | 3/4" BSP   | 3/8" BSP | 3075-311-209 | 3/4" BSP - LH   | 1/2" BSP   | 67  | 136,50 | 171,50 | 19 | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    | 30 |    |    |    | 8,5 (2x180°) | 1,85 |
| 20   | 3/4" BSP   | 3/8" BSP | 3075-311-100 | Ø30             | 1/2" BSP   | 67  | 136,50 | 171,50 |    | 36 | 1/4" BSPP | 133,70 | 17,50 | 88,50  | 47,50 | 30    |    | 28 | 8  | 14 | 8,5 (2x180°) | 1,85 |
| 25   | 1" NPT     | 1/2" NPT | 3100-011-110 | 1" NPT - RH     | 3/4" NPT   | 73  | 158    | 200    | 22 | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 | 36 |    |    |    | 8,5 (2x180°) | 2,40 |
| 25   | 1" NPT     | 1/2" NPT | 3100-011-111 | 1" NPT - LH     | 3/4" NPT   | 73  | 158    | 200    | 22 | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 | 36 |    |    |    | 8,5 (2x180°) | 2,40 |
| 25   | 1" NPT     | 1/2" NPT | 3100-011-100 | Ø35             | 3/4" NPT   | 73  | 158    | 200    |    | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 |    | 33 | 8  | 14 | 8,5 (2x180°) | 2,40 |
| 25   | 1" BSP     | 1/2" BSP | 3100-311-210 | 1" BSP - RH     | 3/4" BSP   | 73  | 158    | 200    | 22 | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 | 36 |    |    |    | 8,5 (2x180°) | 2,40 |
| 25   | 1" BSP     | 1/2" BSP | 3100-311-211 | 1" BSP - LH     | 3/4" BSP   | 73  | 158    | 200    | 22 | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 | 36 |    |    |    | 8,5 (2x180°) | 2,40 |
| 25   | 1" BSP     | 1/2" BSP | 3100-311-100 | Ø35             | 3/4" BSP   | 73  | 158    | 200    |    | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 |    | 33 | 8  | 14 | 8,5 (2x180°) | 2,40 |
| 32   | 1 1/4" NPT | 3/4" NPT | 3125-011-112 | 1 1/4" NPT - RH | 1" NPT     | 87  | 192    | 235,50 | 28 | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 | 46 |    |    |    | 8,5 (2x180°) | 4,05 |
| 32   | 1 1/4" NPT | 3/4" NPT | 3125-011-113 | 1 1/4" NPT - LH | 1" NPT     | 87  | 192    | 235,50 | 28 | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 | 46 |    |    |    | 8,5 (2x180°) | 4,05 |
| 32   | 1 1/4" NPT | 3/4" NPT | 3125-011-100 | Ø45             | 1" NPT     | 87  | 192    | 235,50 |    | 52 | 1/2" BSPP | 192    | 32    | 129    | 69    | 36,50 |    | 43 | 8  | 14 | 8,5 (2x180°) | 4,05 |
| 32   | 1 1/4" BSP | 3/4" BSP | 3125-311-212 | 1 1/4" BSP - RH | 1" BSP     | 87  | 192    | 235,50 | 28 | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 | 46 |    |    |    | 8,5 (2x180°) | 4,05 |
| 32   | 1 1/4" BSP | 3/4" BSP | 3125-311-213 | 1 1/4" BSP - LH | 1" BSP     | 87  | 192    | 235,50 | 28 | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 | 46 |    |    |    | 8,5 (2x180°) | 4,05 |
| 32   | 1 1/4" BSP | 3/4" BSP | 3125-311-100 | Ø45             | 1" BSP     | 87  | 192    | 235,50 |    | 52 | 1/2" BSPP | 192    | 32    | 129    | 69    | 36,50 |    | 43 | 8  | 14 | 8,5 (2x180°) | 4,05 |
| 40   | 1 1/2" NPT | 3/4" NPT | 3150-011-114 | 1 1/2" NPT - RH | 1 1/4" NPT | 102 | 225    | 279    | 30 | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    | 55 |    |    |    | 8,5 (2x180°) | 6    |
| 40   | 1 1/2" NPT | 3/4" NPT | 3150-011-115 | 1 1/2" NPT - LH | 1 1/4" NPT | 102 | 225    | 279    | 30 | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    | 55 |    |    |    | 8,5 (2x180°) | 6    |
| 40   | 1 1/2" NPT | 3/4" NPT | 3150-011-100 | Ø50             | 1 1/4" NPT | 102 | 225    | 279    |    | 70 | 3/4" BSPP | 228    | 38    | 156    | 72    | 43    |    | 48 | 10 | 17 | 8,5 (2x180°) | 6    |
| 40   | 1 1/2" BSP | 3/4" BSP | 3150-311-214 | 1 1/2" BSP - RH | 1 1/4" BSP | 102 | 225    | 279    | 30 | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    | 55 |    |    |    | 8,5 (2x180°) | 6    |
| 40   | 1 1/2" BSP | 3/4" BSP | 3150-311-215 | 1 1/2" BSP - LH | 1 1/4" BSP | 102 | 225    | 279    | 30 | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    | 55 |    |    |    | 8,5 (2x180°) | 6    |
| 40   | 1 1/2" BSP | 3/4" BSP | 3150-311-100 | Ø50             | 1 1/4" BSP | 102 | 225    | 279    |    | 70 | 3/4" BSPP | 228    | 38    | 156    | 72    | 43    |    | 48 | 10 | 17 | 8,5 (2x180°) | 6    |
| 50   | 2" NPT     | 1" NPT   | 3200-011-116 | 2" NPT - RH     | 1 1/2" NPT | 115 | 249    | 306    | 30 | 64 | 1" BSPP   | 306    | 48    | 164    | 87,50 | 46,50 | 60 |    |    |    | 8,5 (2x180°) | 8,15 |



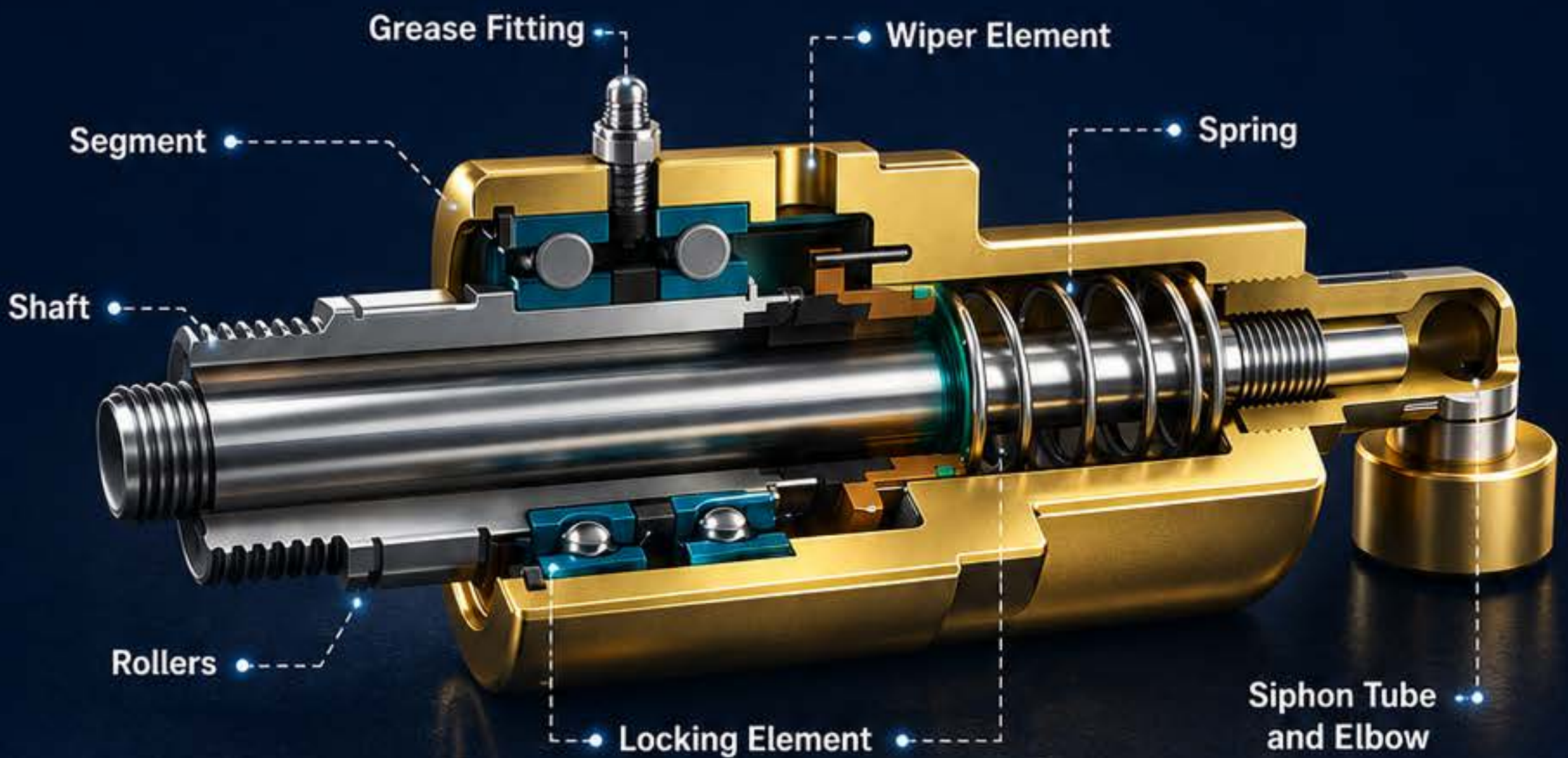
|    |        |        |              |             |            |     |     |     |    |    |         |     |    |     |       |       |    |    |    |    |              |      |
|----|--------|--------|--------------|-------------|------------|-----|-----|-----|----|----|---------|-----|----|-----|-------|-------|----|----|----|----|--------------|------|
| 50 | 2" NPT | 1" NPT | 3200-011-117 | 2" NPT - LH | 1 1/2" NPT | 115 | 249 | 306 | 30 | 64 | 1" BSPP | 306 | 48 | 164 | 87,50 | 46,50 | 60 |    |    |    | 8,5 (2x180°) | 8,15 |
| 50 | 2" NPT | 1" NPT | 3200-011-100 | Ø65         | 1 1/2" NPT | 115 | 249 | 306 |    | 64 | 1" BSPP | 306 | 48 | 164 | 87,50 | 46,50 |    | 63 | 10 | 17 | 8,5 (2x180°) | 8,15 |
| 50 | 2" BSP | 1" BSP | 3200-311-216 | 2" BSP - RH | 1 1/2" BSP | 115 | 249 | 306 | 30 | 64 | 1" BSPP | 306 | 48 | 164 | 87,50 | 46,50 | 60 |    |    |    | 8,5 (2x180°) | 8,15 |
| 50 | 2" BSP | 1" BSP | 3200-311-217 | 2" BSP - LH | 1 1/2" BSP | 115 | 249 | 306 | 30 | 64 | 1" BSPP | 306 | 48 | 164 | 87,50 | 46,50 | 60 |    |    |    | 8,5 (2x180°) | 8,15 |
| 50 | 2" BSP | 1" BSP | 3200-311-100 | Ø65         | 1 1/2" BSP | 115 | 249 | 306 |    | 64 | 1" BSPP | 306 | 48 | 164 | 87,50 | 46,50 |    | 63 | 10 | 17 | 8,5 (2x180°) | 8,15 |





# Rototech®

PRECISION IN MOTION, PERFORMANCE IN EVERY CONNECTION.



## QUALITY FIRST

We deliver high-quality products through strict quality control and continuous improvement.



## CUSTOMER FOCUSED

We listen, understand and provide solutions that meet customer needs.



## ENGINEERING EXPERTISE

We combine innovative engineering with advanced technology to create superior solutions.



## RELIABLE PERFORMANCE

Built to perform under the toughest conditions for maximum reliability and long service life.



## GLOBAL SOLUTIONS

We partner with clients worldwide to deliver custom solutions and dependable performance.



+90 507 374 17 03



[sales@rototech.com.tr](mailto:sales@rototech.com.tr)



[www.rototech.com.tr](http://www.rototech.com.tr)



Rotary Joint

# 3000HO-T2 Series



Media Type

**Hot Oil**



Max. Speed

**750 - 3500 RPM**



Max. Pressure

**6.5 BAR**



Max. Temperature

**160 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**1/4" DN08 - 4" DN100**



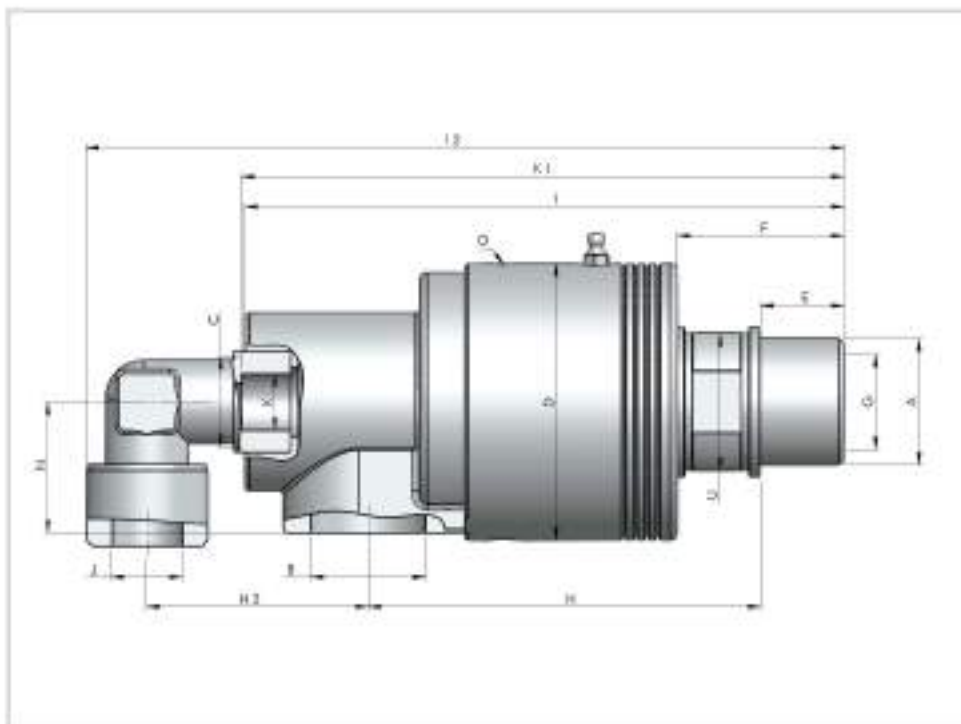
- ✓ Dual flow
- ✓ Balanced mechanical sealing
- ✓ Forged brass housing
- ✓ Silicon carbide sealing components
- ✓ Stainless steel shaft and inner parts
- ✓ Threaded, Qr & flanged connection

Rotary Joints for Hot Oil (Max. 160°C)



Do not operate without fluid.

## DIMENSIONS





| SIZE | B          | J        | MODEL NO      | A               | C          | DØ  | I      | I 2    | E  | F  | K         | K I    | GØ    | H      | H 2   | N     | U  | LØ | S  | T  | OØ           | KG   |
|------|------------|----------|---------------|-----------------|------------|-----|--------|--------|----|----|-----------|--------|-------|--------|-------|-------|----|----|----|----|--------------|------|
| 15   | 1/2" NPT   | 3/8" NPT | 3050-011-106D | 1/2" NPT - RH   | 3/8" NPT   | 57  | 121    | 151    | 19 | 34 | 1/4" BSPP | 120    | 13    | 81,50  | 39,50 | 25,00 | 26 |    |    |    | 8,5 (2x180°) | 1,25 |
| 15   | 1/2" NPT   | 3/8" NPT | 3050-011-107D | 1/2" NPT - LH   | 3/8" NPT   | 57  | 121    | 151    | 19 | 34 | 1/4" BSPP | 120    | 13    | 81,50  | 39,50 | 25,00 | 26 |    |    |    | 8,5 (2x180°) | 1,25 |
| 15   | 1/2" NPT   | 3/8" NPT | 3050-011-100D | Ø24             | 3/8" NPT   | 57  | 121    | 151    |    | 34 | 1/4" BSPP | 120    | 13    | 83,50  | 39,50 | 25,00 |    | 22 | 6  | 11 | 8,5 (2x180°) | 1,25 |
| 15   | 1/2" BSP   | 3/8" BSP | 3050-311-206D | 1/2" BSP - RH   | 3/8" BSP   | 57  | 121    | 151    | 19 | 34 | 1/4" BSPP | 120    | 13    | 81,50  | 39,50 | 25,00 | 26 |    |    |    | 8,5 (2x180°) | 1,25 |
| 15   | 1/2" BSP   | 3/8" BSP | 3050-311-207D | 1/2" BSP - LH   | 3/8" BSP   | 57  | 121    | 151    | 19 | 34 | 1/4" BSPP | 120    | 13    | 81,50  | 39,50 | 25,00 | 26 |    |    |    | 8,5 (2x180°) | 1,25 |
| 15   | 1/2" BSP   | 3/8" BSP | 3050-311-100D | Ø24             | 3/8" BSP   | 57  | 121    | 151    |    | 34 | 1/4" BSPP | 120    | 13    | 83,50  | 39,50 | 25,00 |    | 22 | 6  | 11 | 8,5 (2x180°) | 1,25 |
| 20   | 3/4" NPT   | 3/8" NPT | 3075-011-108D | 3/4" NPT - RH   | 1/2" NPT   | 67  | 136,50 | 171,50 | 19 | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    | 30 |    |    |    | 8,5 (2x180°) | 1,85 |
| 20   | 3/4" NPT   | 3/8" NPT | 3075-011-109D | 3/4" NPT - LH   | 1/2" NPT   | 67  | 136,50 | 171,50 | 19 | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    | 30 |    |    |    | 8,5 (2x180°) | 1,85 |
| 20   | 3/4" NPT   | 3/8" NPT | 3075-011-100D | Ø30             | 1/2" NPT   | 67  | 136,50 | 171,50 |    | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    |    | 28 | 8  | 14 | 8,5 (2x180°) | 1,85 |
| 20   | 3/4" BSP   | 3/8" BSP | 3075-311-208D | 3/4" BSP - RH   | 1/2" BSP   | 67  | 136,50 | 171,50 | 19 | 36 | 1/4" BSPP | 133,70 | 17,50 | 88,50  | 47,50 | 30    | 30 |    |    |    | 8,5 (2x180°) | 1,85 |
| 20   | 3/4" BSP   | 3/8" BSP | 3075-311-209D | 3/4" BSP - LH   | 1/2" BSP   | 67  | 136,50 | 171,50 | 19 | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    | 30 |    |    |    | 8,5 (2x180°) | 1,85 |
| 20   | 3/4" BSP   | 3/8" BSP | 3075-311-100D | Ø30             | 1/2" BSP   | 67  | 136,50 | 171,50 |    | 36 | 1/4" BSPP | 133,70 | 17,50 | 88,50  | 47,50 | 30    |    | 28 | 8  | 14 | 8,5 (2x180°) | 1,85 |
| 25   | 1" NPT     | 1/2" NPT | 3100-011-110D | 1" NPT - RH     | 3/4" NPT   | 73  | 158    | 200    | 22 | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 | 36 |    |    |    | 8,5 (2x180°) | 2,40 |
| 25   | 1" NPT     | 1/2" NPT | 3100-011-111D | 1" NPT - LH     | 3/4" NPT   | 73  | 158    | 200    | 22 | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 | 36 |    |    |    | 8,5 (2x180°) | 2,40 |
| 25   | 1" NPT     | 1/2" NPT | 3100-011-100D | Ø35             | 3/4" NPT   | 73  | 158    | 200    |    | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 |    | 33 | 8  | 14 | 8,5 (2x180°) | 2,40 |
| 25   | 1" BSP     | 1/2" BSP | 3100-311-210D | 1" BSP - RH     | 3/4" BSP   | 73  | 158    | 200    | 22 | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 | 36 |    |    |    | 8,5 (2x180°) | 2,40 |
| 25   | 1" BSP     | 1/2" BSP | 3100-311-211D | 1" BSP - LH     | 3/4" BSP   | 73  | 158    | 200    | 22 | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 | 36 |    |    |    | 8,5 (2x180°) | 2,40 |
| 25   | 1" BSP     | 1/2" BSP | 3100-311-100D | Ø35             | 3/4" BSP   | 73  | 158    | 200    |    | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 |    | 33 | 8  | 14 | 8,5 (2x180°) | 2,40 |
| 32   | 1 1/4" NPT | 3/4" NPT | 3125-011-112D | 1 1/4" NPT - RH | 1" NPT     | 87  | 192    | 235,50 | 28 | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 | 46 |    |    |    | 8,5 (2x180°) | 4,05 |
| 32   | 1 1/4" NPT | 3/4" NPT | 3125-011-113D | 1 1/4" NPT - LH | 1" NPT     | 87  | 192    | 235,50 | 28 | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 | 46 |    |    |    | 8,5 (2x180°) | 4,05 |
| 32   | 1 1/4" NPT | 3/4" NPT | 3125-011-100D | Ø45             | 1" NPT     | 87  | 192    | 235,50 |    | 52 | 1/2" BSPP | 192    | 32    | 129    | 69    | 36,50 |    | 43 | 8  | 14 | 8,5 (2x180°) | 4,05 |
| 32   | 1 1/4" BSP | 3/4" BSP | 3125-311-212D | 1 1/4" BSP - RH | 1" BSP     | 87  | 192    | 235,50 | 28 | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 | 46 |    |    |    | 8,5 (2x180°) | 4,05 |
| 32   | 1 1/4" BSP | 3/4" BSP | 3125-311-213D | 1 1/4" BSP - LH | 1" BSP     | 87  | 192    | 235,50 | 28 | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 | 46 |    |    |    | 8,5 (2x180°) | 4,05 |
| 32   | 1 1/4" BSP | 3/4" BSP | 3125-311-100D | Ø45             | 1" BSP     | 87  | 192    | 235,50 |    | 52 | 1/2" BSPP | 192    | 32    | 129    | 69    | 36,50 |    | 43 | 8  | 14 | 8,5 (2x180°) | 4,05 |
| 40   | 1 1/2" NPT | 3/4" NPT | 3150-011-114D | 1 1/2" NPT - RH | 1 1/4" NPT | 102 | 225    | 279    | 30 | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    | 55 |    |    |    | 8,5 (2x180°) | 6    |
| 40   | 1 1/2" NPT | 3/4" NPT | 3150-011-115D | 1 1/2" NPT - LH | 1 1/4" NPT | 102 | 225    | 279    | 30 | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    | 55 |    |    |    | 8,5 (2x180°) | 6    |
| 40   | 1 1/2" NPT | 3/4" NPT | 3150-011-100D | Ø50             | 1 1/4" NPT | 102 | 225    | 279    |    | 70 | 3/4" BSPP | 228    | 38    | 156    | 72    | 43    |    | 48 | 10 | 17 | 8,5 (2x180°) | 6    |
| 40   | 1 1/2" BSP | 3/4" BSP | 3150-311-214D | 1 1/2" BSP - RH | 1 1/4" BSP | 102 | 225    | 279    | 30 | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    | 55 |    |    |    | 8,5 (2x180°) | 6    |
| 40   | 1 1/2" BSP | 3/4" BSP | 3150-311-215D | 1 1/2" BSP - LH | 1 1/4" BSP | 102 | 225    | 279    | 30 | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    | 55 |    |    |    | 8,5 (2x180°) | 6    |
| 40   | 1 1/2" BSP | 3/4" BSP | 3150-311-100D | Ø50             | 1 1/4" BSP | 102 | 225    | 279    |    | 70 | 3/4" BSPP | 228    | 38    | 156    | 72    | 43    |    | 48 | 10 | 17 | 8,5 (2x180°) | 6    |
| 50   | 2" NPT     | 1" NPT   | 3200-011-116D | 2" NPT - RH     | 1 1/2" NPT | 115 | 249    | 306    | 30 | 64 | 1" BSPP   | 306    | 48    | 164    | 87,50 | 46,50 | 60 |    |    |    | 8,5 (2x180°) | 8,15 |



|    |        |        |               |             |            |     |     |     |    |    |         |     |    |     |       |       |    |    |    |    |              |      |
|----|--------|--------|---------------|-------------|------------|-----|-----|-----|----|----|---------|-----|----|-----|-------|-------|----|----|----|----|--------------|------|
| 50 | 2" NPT | 1" NPT | 3200-011-117D | 2" NPT - LH | 1 1/2" NPT | 115 | 249 | 306 | 30 | 64 | 1" BSPP | 306 | 48 | 164 | 87,50 | 46,50 | 60 |    |    |    | 8,5 (2x180°) | 8,15 |
| 50 | 2" NPT | 1" NPT | 3200-011-100D | Ø65         | 1 1/2" NPT | 115 | 249 | 306 |    | 64 | 1" BSPP | 306 | 48 | 164 | 87,50 | 46,50 |    | 63 | 10 | 17 | 8,5 (2x180°) | 8,15 |
| 50 | 2" BSP | 1" BSP | 3200-311-216D | 2" BSP - RH | 1 1/2" BSP | 115 | 249 | 306 | 30 | 64 | 1" BSPP | 306 | 48 | 164 | 87,50 | 46,50 | 60 |    |    |    | 8,5 (2x180°) | 8,15 |
| 50 | 2" BSP | 1" BSP | 3200-311-217D | 2" BSP - LH | 1 1/2" BSP | 115 | 249 | 306 | 30 | 64 | 1" BSPP | 306 | 48 | 164 | 87,50 | 46,50 | 60 |    |    |    | 8,5 (2x180°) | 8,15 |
| 50 | 2" BSP | 1" BSP | 3200-311-100D | Ø65         | 1 1/2" BSP | 115 | 249 | 306 |    | 64 | 1" BSPP | 306 | 48 | 164 | 87,50 | 46,50 |    | 63 | 10 | 17 | 8,5 (2x180°) | 8,15 |



Rotary Joint

# 3000PAS-T1 Series



Media Type

Water + General Purpose



Max. Speed

750 - 3500 RPM



Max. Pressure

50 BAR



Max. Temperature

90 °C



Connection Type

BSPP, BSPT, NPT, FL,  
Metric



Rotor Size

1/4" DN08 - 2" DN50



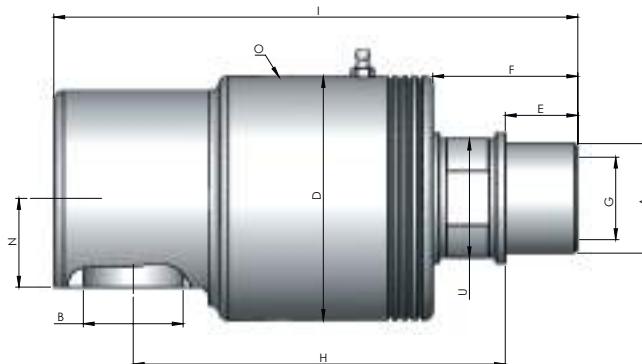
- ✓ Single flow
- ✓ Balanced mechanical sealing
- ✓ Silicon carbide sealing components
- ✓ Stainless Steel Shaft/Rotor
- ✓ Threaded, Qr & flanged connection

Rotary Joint for water & general purpose



Do not operate without fluid.

## DIMENSIONS



| SIZE | B        | MODEL NO     | A             | DØ | I     | E     | F     | GØ   | H     | N     | U  | OØ         | KG   |
|------|----------|--------------|---------------|----|-------|-------|-------|------|-------|-------|----|------------|------|
| 8    | 1/4" NPT | 3025-136-102 | 1/4" NPT - RH | 49 | 88,50 | 12,50 | 23,50 | 6,50 | 64,50 | 18    | 20 | 5 (2x180°) | 0,75 |
| 8    | 1/4" NPT | 3025-136-103 | 1/4" NPT - LH | 49 | 88,50 | 12,50 | 23,50 | 6,50 | 64,50 | 18    | 20 | 5 (2x180°) | 0,75 |
| 8    | 1/4" BSP | 3025-436-202 | 1/4" BSP - RH | 49 | 88,50 | 12,50 | 23,50 | 6,50 | 64,50 | 18    | 20 | 5 (2x180°) | 0,75 |
| 8    | 1/4" BSP | 3025-436-203 | 1/4" BSP - LH | 49 | 88,50 | 12,50 | 23,50 | 6,50 | 64,50 | 18    | 20 | 5 (2x180°) | 0,75 |
| 10   | 3/8" NPT | 3037-136-104 | 3/8" NPT - RH | 49 | 88,50 | 12,50 | 23,50 | 10   | 64,50 | 18    | 20 | 5 (2x180°) | 0,72 |
| 10   | 3/8" NPT | 3037-136-105 | 3/8" NPT - LH | 49 | 88,50 | 12,50 | 23,50 | 10   | 64,50 | 18    | 20 | 5 (2x180°) | 0,72 |
| 10   | 3/8" BSP | 3037-436-204 | 3/8" BSP - RH | 49 | 88,50 | 12,50 | 23,50 | 10   | 64,50 | 18    | 20 | 5 (2x180°) | 0,72 |
| 10   | 3/8" BSP | 3037-436-205 | 3/8" BSP - LH | 49 | 88,50 | 12,50 | 23,50 | 10   | 64,50 | 18    | 20 | 5 (2x180°) | 0,72 |
| 15   | 1/2" NPT | 3050-136-106 | 1/2" NPT - RH | 59 | 119   | 19    | 34    | 13   | 84    | 21,50 | 26 | 6 (2x180°) | 1,32 |
| 15   | 1/2" NPT | 3050-136-107 | 1/2" NPT - LH | 59 | 119   | 19    | 34    | 13   | 84    | 21,50 | 26 | 6 (2x180°) | 1,32 |
| 15   | 1/2" BSP | 3050-436-206 | 1/2" BSP - RH | 59 | 119   | 19    | 34    | 13   | 84    | 21,50 | 26 | 6 (2x180°) | 1,32 |
| 15   | 1/2" BSP | 3050-436-207 | 1/2" BSP - LH | 59 | 119   | 19    | 34    | 13   | 84    | 21,50 | 26 | 6 (2x180°) | 1,32 |





|    |            |              |                 |     |        |    |       |       |        |    |    |              |       |
|----|------------|--------------|-----------------|-----|--------|----|-------|-------|--------|----|----|--------------|-------|
| 20 | 3/4" NPT   | 3075-136-108 | 3/4" NPT - RH   | 69  | 132    | 19 | 36    | 17,50 | 94     | 25 | 30 | 7 (2x180°)   | 2     |
| 20 | 3/4" NPT   | 3075-136-109 | 3/4" NPT - LH   | 69  | 132    | 19 | 36    | 17,50 | 94     | 25 | 30 | 7 (2x180°)   | 2     |
| 20 | 3/4" BSP   | 3075-436-208 | 3/4" BSP - RH   | 69  | 132    | 19 | 36    | 17,50 | 94     | 25 | 30 | 7 (2x180°)   | 2     |
| 20 | 3/4" BSP   | 3075-436-209 | 3/4" BSP - LH   | 69  | 132    | 19 | 36    | 17,50 | 94     | 25 | 30 | 7 (2x180°)   | 2     |
| 25 | 1" NPT     | 3100-136-110 | 1" NPT - RH     | 74  | 159    | 22 | 44    | 25    | 113    | 27 | 36 | 8,5 (2x180°) | 2,65  |
| 25 | 1" NPT     | 3100-136-111 | 1" NPT - LH     | 74  | 159    | 22 | 44    | 25    | 113    | 27 | 36 | 8,5 (2x180°) | 2,65  |
| 25 | 1" BSP     | 3100-436-210 | 1" BSP - RH     | 74  | 159    | 22 | 44    | 25    | 113    | 27 | 36 | 8,5 (2x180°) | 2,65  |
| 25 | 1" BSP     | 3100-436-211 | 1" BSP - LH     | 74  | 159    | 22 | 44    | 25    | 113    | 27 | 36 | 8,5 (2x180°) | 2,65  |
| 32 | 1 1/4" NPT | 3125-136-112 | 1 1/4" NPT - RH | 89  | 186,50 | 28 | 52    | 32    | 129    | 33 | 46 | 8,5 (2x180°) | 4,50  |
| 32 | 1 1/4" NPT | 3125-136-113 | 1 1/4" NPT - LH | 89  | 186,50 | 28 | 52    | 32    | 129    | 33 | 46 | 8,5 (2x180°) | 4,50  |
| 32 | 1 1/4" BSP | 3125-436-212 | 1 1/4" BSP - RH | 89  | 186,50 | 28 | 52    | 32    | 129    | 33 | 46 | 8,5 (2x180°) | 4,50  |
| 32 | 1 1/4" BSP | 3125-436-213 | 1 1/4" BSP - LH | 89  | 186,50 | 28 | 52    | 32    | 129    | 33 | 46 | 8,5 (2x180°) | 4,50  |
| 40 | 1 1/2" NPT | 3150-136-114 | 1 1/2" NPT - RH | 109 | 224,50 | 30 | 69,50 | 38    | 159,50 | 40 | 55 | 8,5 (2x180°) | 7,70  |
| 40 | 1 1/2" NPT | 3150-136-115 | 1 1/2" NPT - LH | 109 | 224,50 | 30 | 69,50 | 38    | 159,50 | 40 | 55 | 8,5 (2x180°) | 7,70  |
| 40 | 1 1/2" BSP | 3150-436-214 | 1 1/2" BSP - RH | 109 | 224,50 | 30 | 69,50 | 38    | 159,50 | 40 | 55 | 8,5 (2x180°) | 7,70  |
| 40 | 1 1/2" BSP | 3150-436-215 | 1 1/2" BSP - LH | 109 | 224,50 | 30 | 69,50 | 38    | 159,50 | 40 | 55 | 8,5 (2x180°) | 7,70  |
| 50 | 2" NPT     | 3200-136-116 | 2" NPT - RH     | 119 | 243,50 | 30 | 63,50 | 48    | 168,50 | 45 | 60 | 10 (2x180°)  | 10,50 |
| 50 | 2" NPT     | 3200-136-117 | 2" NPT - LH     | 119 | 243,50 | 30 | 63,50 | 48    | 168,50 | 45 | 60 | 10 (2x180°)  | 10,50 |
| 50 | 2" BSP     | 3200-436-216 | 2" BSP - RH     | 119 | 243,50 | 30 | 63,50 | 48    | 168,50 | 45 | 60 | 10 (2x180°)  | 10,50 |
| 50 | 2" BSP     | 3200-436-217 | 2" BSP - LH     | 119 | 243,50 | 30 | 63,50 | 48    | 168,50 | 45 | 60 | 10 (2x180°)  | 10,50 |



Rotary Joint

# 3000PAS-T2 Series



Media Type

**Water + General Purpose**



Max. Speed

**750 - 3500 RPM**



Max. Pressure

**50 BAR**



Max. Temperature

**90 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**1/4" DN08 - 2" DN50**



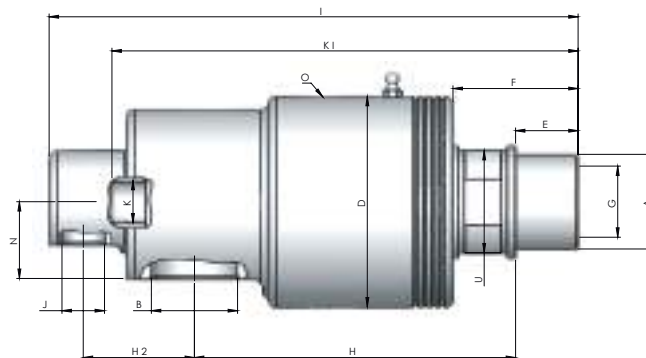
Rotary Joint for water & general purpose

- ✓ Single flow
- ✓ Balanced mechanical sealing
- ✓ Silicon carbide sealing components
- ✓ Stainless Steel Shaft/Rotor
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS





| SIZE | B          | MODEL NO      | A               | C        | DØ  | I      | E  | F     | K         | K I    | GØ    | H      | H 2   | N     | U  | OØ           | KG    |
|------|------------|---------------|-----------------|----------|-----|--------|----|-------|-----------|--------|-------|--------|-------|-------|----|--------------|-------|
| 15   | 1/2" NPT   | 3050-136-106D | 1/2" NPT - RH   | 1/8" NPT | 59  | 143    | 19 | 34    | 1/8" BSPP | 127    | 13    | 84     | 30    | 21,50 | 26 | 6 (2x180°)   | 1,45  |
| 15   | 1/2" NPT   | 3050-136-107D | 1/2" NPT - LH   | 1/8" NPT | 59  | 143    | 19 | 34    | 1/8" BSPP | 127    | 13    | 84     | 30    | 21,50 | 26 | 6 (2x180°)   | 1,45  |
| 15   | 1/2" BSP   | 3050-436-206D | 1/2" BSP - RH   | 1/8" BSP | 59  | 143    | 19 | 34    | 1/8" BSPP | 127    | 13    | 84     | 30    | 21,50 | 26 | 6 (2x180°)   | 1,45  |
| 15   | 1/2" BSP   | 3050-436-207D | 1/2" BSP - LH   | 1/8" BSP | 59  | 143    | 19 | 34    | 1/8" BSPP | 127    | 13    | 84     | 30    | 21,50 | 26 | 6 (2x180°)   | 1,45  |
| 20   | 3/4" NPT   | 3075-136-108D | 3/4" NPT - RH   | 3/8" NPT | 69  | 162    | 19 | 36    | 1/4" BSPP | 137    | 17,50 | 94     | 34    | 25    | 30 | 7 (2x180°)   | 2,20  |
| 20   | 3/4" NPT   | 3075-136-109D | 3/4" NPT - LH   | 3/8" NPT | 69  | 162    | 19 | 36    | 1/4" BSPP | 137    | 17,50 | 94     | 34    | 25    | 30 | 7 (2x180°)   | 2,20  |
| 20   | 3/4" BSP   | 3075-436-208D | 3/4" BSP - RH   | 3/8" BSP | 69  | 162    | 19 | 36    | 1/4" BSPP | 137    | 17,50 | 94     | 34    | 25    | 30 | 7 (2x180°)   | 2,20  |
| 20   | 3/4" BSP   | 3075-436-209D | 3/4" BSP - LH   | 3/8" BSP | 69  | 162    | 19 | 36    | 1/4" BSPP | 137    | 17,50 | 94     | 34    | 25    | 30 | 7 (2x180°)   | 2,20  |
| 25   | 1" NPT     | 3100-136-110D | 1" NPT - RH     | 1/2" NPT | 74  | 186    | 22 | 44    | 3/8" BSPP | 164    | 25    | 113    | 39    | 27    | 36 | 8,5 (2x180°) | 2,85  |
| 25   | 1" NPT     | 3100-136-111D | 1" NPT - LH     | 1/2" NPT | 74  | 186    | 22 | 44    | 3/8" BSPP | 164    | 25    | 113    | 39    | 27    | 36 | 8,5 (2x180°) | 2,85  |
| 25   | 1" BSP     | 3100-436-210D | 1" BSP - RH     | 1/2" BSP | 74  | 186    | 22 | 44    | 3/8" BSPP | 164    | 25    | 113    | 39    | 27    | 36 | 8,5 (2x180°) | 2,85  |
| 25   | 1" BSP     | 3100-436-211D | 1" BSP - LH     | 1/2" BSP | 74  | 186    | 22 | 44    | 3/8" BSPP | 164    | 25    | 113    | 39    | 27    | 36 | 8,5 (2x180°) | 2,85  |
| 32   | 1 1/4" NPT | 3125-136-112D | 1 1/4" NPT - RH | 1/2" NPT | 89  | 227    | 28 | 52    | 1/2" BSPP | 192,50 | 32    | 129    | 52,50 | 33    | 46 | 8,5 (2x180°) | 5     |
| 32   | 1 1/4" NPT | 3125-136-113D | 1 1/4" NPT - LH | 1/2" NPT | 89  | 227    | 28 | 52    | 1/2" BSPP | 192,50 | 32    | 129    | 52,50 | 33    | 46 | 8,5 (2x180°) | 5     |
| 32   | 1 1/4" BSP | 3125-436-212D | 1 1/4" BSP - RH | 1/2" BSP | 89  | 227    | 28 | 52    | 1/2" BSPP | 192,50 | 32    | 129    | 52,50 | 33    | 46 | 8,5 (2x180°) | 5     |
| 32   | 1 1/4" BSP | 3125-436-213D | 1 1/4" BSP - LH | 1/2" BSP | 89  | 227    | 28 | 52    | 1/2" BSPP | 192,50 | 32    | 129    | 52,50 | 33    | 46 | 8,5 (2x180°) | 5     |
| 40   | 1 1/2" NPT | 3150-136-114D | 1 1/2" NPT - RH | 3/4" NPT | 109 | 265    | 30 | 69,50 | 3/4" BSPP | 227,50 | 38    | 159,50 | 55,50 | 40    | 55 | 8,5 (2x180°) | 8,45  |
| 40   | 1 1/2" NPT | 3150-136-115D | 1 1/2" NPT - LH | 3/4" NPT | 109 | 265    | 30 | 69,50 | 3/4" BSPP | 227,50 | 38    | 159,50 | 55,50 | 40    | 55 | 8,5 (2x180°) | 8,45  |
| 40   | 1 1/2" BSP | 3150-436-214D | 1 1/2" BSP - RH | 3/4" BSP | 109 | 265    | 30 | 69,50 | 3/4" BSPP | 227,50 | 38    | 159,50 | 55,50 | 40    | 55 | 8,5 (2x180°) | 8,45  |
| 40   | 1 1/2" BSP | 3150-436-215D | 1 1/2" BSP - LH | 3/4" BSP | 109 | 265    | 30 | 69,50 | 3/4" BSPP | 227,50 | 38    | 159,50 | 55,50 | 40    | 55 | 8,5 (2x180°) | 8,45  |
| 50   | 2" NPT     | 3200-136-116D | 2" NPT - RH     | 1" NPT   | 119 | 298,50 | 30 | 63,50 | 1" BSPP   | 248,50 | 48    | 168,50 | 74    | 45    | 60 | 10 (2x180°)  | 12,50 |
| 50   | 2" NPT     | 3200-136-117D | 2" NPT - LH     | 1" NPT   | 119 | 298,50 | 30 | 63,50 | 1" BSPP   | 248,50 | 48    | 168,50 | 74    | 45    | 60 | 10 (2x180°)  | 12,50 |
| 50   | 2" BSP     | 3200-436-216D | 2" BSP - RH     | 1" BSP   | 119 | 298,50 | 30 | 63,50 | 1" BSPP   | 248,50 | 48    | 168,50 | 74    | 45    | 60 | 10 (2x180°)  | 12,50 |
| 50   | 2" BSP     | 3200-436-217D | 2" BSP - LH     | 1" BSP   | 119 | 298,50 | 30 | 63,50 | 1" BSPP   | 248,50 | 48    | 168,50 | 74    | 45    | 60 | 10 (2x180°)  | 12,50 |



Rotary Joint

# 3000-T1 Series



Media Type

**Water + General Purpose**



Max. Speed

**750 - 3500 RPM**



Max. Pressure

**50 BAR**



Max. Temperature

**90 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**1/4" DN08 - 4" DN100**



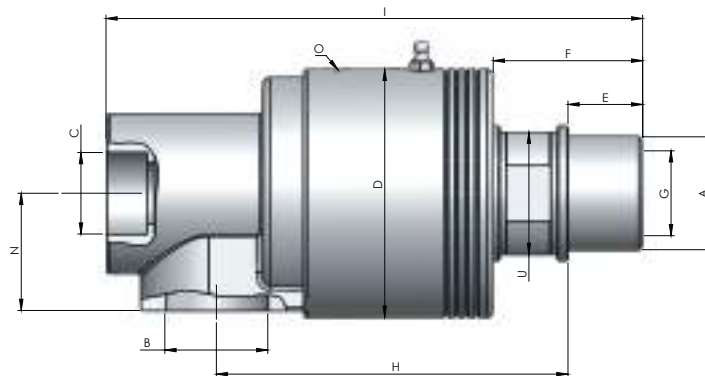
Rotary Joint for water & general purpose

- ✓ Single flow design
- ✓ Balanced mechanical sealing
- ✓ Forged brass housing
- ✓ Silicon carbide sealing components
- ✓ Stainless steel shaft and inner parts
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS



| SIZE | B        | MODEL NO     | A             | DØ | I     | E     | F     | GØ   | H     | N     | U  | LØ | S | T  | OØ           | KG   |
|------|----------|--------------|---------------|----|-------|-------|-------|------|-------|-------|----|----|---|----|--------------|------|
| 8    | 1/4" NPT | 3025-036-102 | 1/4" NPT - RH | 45 | 91,50 | 12,50 | 23,50 | 6,50 | 61    | 20    | 20 |    |   |    | 5 (2x180°)   | 0,60 |
| 8    | 1/4" NPT | 3025-036-103 | 1/4" NPT - LH | 45 | 91,50 | 12,50 | 23,50 | 6,50 | 61    | 20    | 20 |    |   |    | 5 (2x180°)   | 0,60 |
| 8    | 1/4" BSP | 3025-336-202 | 1/4" BSP - RH | 45 | 91,50 | 12,50 | 23,50 | 6,50 | 61    | 20    | 20 |    |   |    | 5 (2x180°)   | 0,60 |
| 8    | 1/4" BSP | 3025-336-203 | 1/4" BSP - LH | 45 | 91,50 | 12,50 | 23,50 | 6,50 | 61    | 20    | 20 |    |   |    | 5 (2x180°)   | 0,60 |
| 10   | 3/8" NPT | 3037-036-104 | 3/8" NPT - RH | 45 | 93    | 14,50 | 25    | 10   | 59,50 | 20    | 20 |    |   |    | 5 (2x180°)   | 0,60 |
| 10   | 3/8" NPT | 3037-036-105 | 3/8" NPT - LH | 45 | 93    | 14,50 | 25    | 10   | 59,50 | 20    | 20 |    |   |    | 5 (2x180°)   | 0,60 |
| 10   | 3/8" BSP | 3037-336-204 | 3/8" BSP - RH | 45 | 93    | 14,50 | 25    | 10   | 59,50 | 20    | 20 |    |   |    | 5 (2x180°)   | 0,60 |
| 10   | 3/8" BSP | 3037-336-205 | 3/8" BSP - LH | 45 | 93    | 14,50 | 25    | 10   | 59,50 | 20    | 20 |    |   |    | 5 (2x180°)   | 0,60 |
| 15   | 1/2" NPT | 3050-036-106 | 1/2" NPT - RH | 57 | 121   | 19    | 34    | 13   | 81,50 | 25,00 | 26 |    |   |    | 8,5 (2x180°) | 1,14 |
| 15   | 1/2" NPT | 3050-036-107 | 1/2" NPT - LH | 57 | 121   | 19    | 34    | 13   | 81,50 | 25,00 | 26 |    |   |    | 8,5 (2x180°) | 1,14 |
| 15   | 1/2" NPT | 3050-036-100 | Ø24           | 57 | 121   |       | 34    | 13   | 81,50 | 25,00 |    | 22 | 6 | 11 | 8,5 (2x180°) | 1,14 |
| 15   | 1/2" BSP | 3050-336-206 | 1/2" BSP - RH | 57 | 121   | 19    | 34    | 13   | 81,50 | 25,00 | 26 |    |   |    | 8,5 (2x180°) | 1,14 |





|     |            |              |                 |     |        |    |     |       |        |       |     |     |    |    |              |       |
|-----|------------|--------------|-----------------|-----|--------|----|-----|-------|--------|-------|-----|-----|----|----|--------------|-------|
| 15  | 1/2" BSP   | 3050-336-207 | 1/2" BSP - LH   | 57  | 121    | 19 | 34  | 13    | 81,50  | 25,00 | 26  |     |    |    | 8,5 (2x180°) | 1,14  |
| 15  | 1/2" BSP   | 3050-336-100 | Ø24             | 57  | 121    |    | 34  | 13    | 81,50  | 25,00 |     | 22  | 6  | 11 | 8,5 (2x180°) | 1,14  |
| 20  | 3/4" NPT   | 3075-036-108 | 3/4" NPT - RH   | 67  | 136,50 | 19 | 36  | 17,50 | 91,50  | 30    | 30  |     |    |    | 8,5 (2x180°) | 1,65  |
| 20  | 3/4" NPT   | 3075-036-109 | 3/4" NPT - LH   | 67  | 136,50 | 19 | 36  | 17,50 | 91,50  | 30    | 30  |     |    |    | 8,5 (2x180°) | 1,65  |
| 20  | 3/4" NPT   | 3075-036-100 | Ø30             | 67  | 136,50 |    | 36  | 17,50 | 91,50  | 30    |     | 28  | 8  | 14 | 8,5 (2x180°) | 1,65  |
| 20  | 3/4" BSP   | 3075-336-208 | 3/4" BSP - RH   | 67  | 136,50 | 19 | 36  | 17,50 | 91,50  | 30    | 30  |     |    |    | 8,5 (2x180°) | 1,65  |
| 20  | 3/4" BSP   | 3075-336-209 | 3/4" BSP - LH   | 67  | 136,50 | 19 | 36  | 17,50 | 91,50  | 30    | 30  |     |    |    | 8,5 (2x180°) | 1,65  |
| 20  | 3/4" BSP   | 3075-336-100 | Ø30             | 67  | 136,50 |    | 36  | 17,50 | 91,50  | 30    |     | 28  | 8  | 14 | 8,5 (2x180°) | 1,65  |
| 25  | 1" NPT     | 3100-036-110 | 1" NPT - RH     | 73  | 158    | 22 | 44  | 25    | 103,50 | 34,50 | 36  |     |    |    | 8,5 (2x180°) | 2,15  |
| 25  | 1" NPT     | 3100-036-111 | 1" NPT - LH     | 73  | 158    | 22 | 44  | 25    | 103,50 | 34,50 | 36  |     |    |    | 8,5 (2x180°) | 2,15  |
| 25  | 1" NPT     | 3100-036-100 | Ø35             | 73  | 158    |    | 44  | 25    | 103,50 | 34,50 |     | 33  | 8  | 14 | 8,5 (2x180°) | 2,15  |
| 25  | 1" BSP     | 3100-336-210 | 1" BSP - RH     | 73  | 158    | 22 | 44  | 25    | 103,50 | 34,50 | 36  |     |    |    | 8,5 (2x180°) | 2,15  |
| 25  | 1" BSP     | 3100-336-211 | 1" BSP - LH     | 73  | 158    | 22 | 44  | 25    | 103,50 | 34,50 | 36  |     |    |    | 8,5 (2x180°) | 2,15  |
| 25  | 1" BSP     | 3100-336-100 | Ø35             | 73  | 158    |    | 44  | 25    | 103,50 | 34,50 |     | 33  | 8  | 14 | 8,5 (2x180°) | 2,15  |
| 32  | 1 1/4" NPT | 3125-036-112 | 1 1/4" NPT - RH | 87  | 192    | 28 | 52  | 32    | 123    | 36,50 | 46  |     |    |    | 8,5 (2x180°) | 3,70  |
| 32  | 1 1/4" NPT | 3125-036-113 | 1 1/4" NPT - LH | 87  | 192    | 28 | 52  | 32    | 123    | 36,50 | 46  |     |    |    | 8,5 (2x180°) | 3,70  |
| 32  | 1 1/4" NPT | 3125-036-100 | Ø45             | 87  | 192    |    | 52  | 32    | 129    | 36,50 |     | 43  | 8  | 14 | 8,5 (2x180°) | 3,70  |
| 32  | 1 1/4" BSP | 3125-336-212 | 1 1/4" BSP - RH | 87  | 192    | 28 | 52  | 32    | 123    | 36,50 | 46  |     |    |    | 8,5 (2x180°) | 3,70  |
| 32  | 1 1/4" BSP | 3125-336-213 | 1 1/4" BSP - LH | 87  | 192    | 28 | 52  | 32    | 123    | 36,50 | 46  |     |    |    | 8,5 (2x180°) | 3,70  |
| 32  | 1 1/4" BSP | 3125-336-100 | Ø45             | 87  | 192    |    | 52  | 32    | 129    | 36,50 |     | 43  | 8  | 14 | 8,5 (2x180°) | 3,70  |
| 40  | 1 1/2" NPT | 3150-036-114 | 1 1/2" NPT - RH | 102 | 225    | 30 | 70  | 38    | 153    | 43    | 55  |     |    |    | 8,5 (2x180°) | 5,15  |
| 40  | 1 1/2" NPT | 3150-036-115 | 1 1/2" NPT - LH | 102 | 225    | 30 | 70  | 38    | 153    | 43    | 55  |     |    |    | 8,5 (2x180°) | 5,15  |
| 40  | 1 1/2" NPT | 3150-036-100 | Ø50             | 102 | 225    |    | 70  | 38    | 156    | 43    |     | 48  | 10 | 17 | 8,5 (2x180°) | 5,15  |
| 40  | 1 1/2" BSP | 3150-336-214 | 1 1/2" BSP - RH | 102 | 225    | 30 | 70  | 38    | 153    | 43    | 55  |     |    |    | 8,5 (2x180°) | 5,15  |
| 40  | 1 1/2" BSP | 3150-336-215 | 1 1/2" BSP - LH | 102 | 225    | 30 | 70  | 38    | 153    | 43    | 55  |     |    |    | 8,5 (2x180°) | 5,15  |
| 40  | 1 1/2" BSP | 3150-336-100 | Ø50             | 102 | 225    |    | 70  | 38    | 156    | 43    |     | 48  | 10 | 17 | 8,5 (2x180°) | 5,15  |
| 50  | 2" NPT     | 3200-036-116 | 2" NPT - RH     | 115 | 249    | 30 | 64  | 48    | 164    | 46,50 | 60  |     |    |    | 8,5 (2x180°) | 7,55  |
| 50  | 2" NPT     | 3200-036-117 | 2" NPT - LH     | 115 | 249    | 30 | 64  | 48    | 164    | 46,50 | 60  |     |    |    | 8,5 (2x180°) | 7,55  |
| 50  | 2" NPT     | 3200-036-100 | Ø65             | 115 | 249    |    | 64  | 48    | 164    | 46,50 |     | 63  | 10 | 17 | 8,5 (2x180°) | 7,55  |
| 50  | 2" BSP     | 3200-336-216 | 2" BSP - RH     | 115 | 249    | 30 | 64  | 48    | 164    | 46,50 | 60  |     |    |    | 8,5 (2x180°) | 7,55  |
| 50  | 2" BSP     | 3200-336-217 | 2" BSP - LH     | 115 | 249    | 30 | 64  | 48    | 164    | 46,50 | 60  |     |    |    | 8,5 (2x180°) | 7,55  |
| 50  | 2" BSP     | 3200-336-100 | Ø65             | 115 | 249    |    | 64  | 48    | 164    | 46,50 |     | 63  | 10 | 17 | 8,5 (2x180°) | 7,55  |
| 65  | 1 1/2" NPT | 3250-036-118 | 2 1/2" NPT - RH | 149 | 287    | 38 | 80  | 60,50 | 204    | 63    | 88  |     |    |    | 10 (2x180°)  | 17,50 |
| 65  | 1 1/2" NPT | 3250-036-119 | 2 1/2" NPT - LH | 149 | 287    | 38 | 80  | 60,50 | 204    | 63    | 88  |     |    |    | 10 (2x180°)  | 17,50 |
| 65  | 1 1/2" NPT | 3250-036-100 | Ø85             | 149 | 287    |    | 80  | 60,50 | 215    | 63    |     |     |    |    | 10 (2x180°)  | 17,50 |
| 65  | 1 1/2" BSP | 3250-336-218 | 2 1/2" BSP - RH | 149 | 287    | 38 | 80  | 60,50 | 204    | 63    | 88  |     |    |    | 10 (2x180°)  | 17,50 |
| 65  | 1 1/2" BSP | 3250-336-219 | 2 1/2" BSP - LH | 149 | 287    | 38 | 80  | 60,50 | 204    | 63    | 88  |     |    |    | 10 (2x180°)  | 17,50 |
| 65  | 1 1/2" BSP | 3250-336-100 | Ø85             | 149 | 287    |    | 80  | 60,50 | 215    | 63    |     |     |    |    | 10 (2x180°)  | 17,50 |
| 80  | 2" NPT     | 3300-036-120 | 3" NPT - RH     | 169 | 317    | 44 | 89  | 73    | 223    | 77    | 100 |     |    |    | 14 (2x180°)  | 24,60 |
| 80  | 2" NPT     | 3300-036-121 | 3" NPT - LH     | 169 | 317    | 44 | 89  | 73    | 223    | 77    | 100 |     |    |    | 14 (2x180°)  | 24,60 |
| 80  | 2" NPT     | 3300-036-100 | Ø105            | 169 | 317    |    | 89  | 73    | 235    | 77    |     | 102 | 12 | 20 | 14 (2x180°)  | 24,60 |
| 80  | 2" BSP     | 3300-336-220 | 3" BSP - RH     | 169 | 317    | 44 | 89  | 73    | 223    | 77    | 100 |     |    |    | 14 (2x180°)  | 24,60 |
| 80  | 2" BSP     | 3300-336-221 | 3" BSP - LH     | 169 | 317    | 44 | 89  | 73    | 223    | 77    | 100 |     |    |    | 14 (2x180°)  | 24,60 |
| 80  | 2" BSP     | 3300-336-100 | Ø105            | 169 | 317    |    | 89  | 73    | 235    | 77    |     | 102 | 12 | 20 | 14 (2x180°)  | 24,60 |
| 100 | 2" NPT     | 3300-036-120 | 4" NPT - RH     | 209 | 379    | 45 | 115 | 96    | 273    | 90    | 122 |     |    |    | 14 (2x180°)  | 33,25 |
| 100 | 2" NPT     | 3300-036-121 | 4" NPT - LH     | 209 | 379    | 45 | 115 | 96    | 273    | 90    | 122 |     |    |    | 14 (2x180°)  | 33,25 |
| 100 | 2" NPT     | 3300-036-100 | Ø114            | 209 | 379    |    | 115 | 96    | 252    | 90    |     | 110 | 30 | 36 | 14 (2x180°)  | 33,25 |
| 100 | 2" BSP     | 3300-336-220 | 4" BSP - RH     | 209 | 379    | 45 | 115 | 96    | 273    | 90    | 122 |     |    |    | 14 (2x180°)  | 33,25 |



|     |        |              |             |     |     |    |     |    |     |    |     |     |    |    |             |       |
|-----|--------|--------------|-------------|-----|-----|----|-----|----|-----|----|-----|-----|----|----|-------------|-------|
| 100 | 2" BSP | 3300-336-221 | 4" BSP - LH | 209 | 379 | 45 | 115 | 96 | 273 | 90 | 122 |     |    |    | 14 (2x180°) | 33,25 |
| 100 | 2" BSP | 3300-336-100 | Ø114        | 209 | 379 |    | 115 | 96 | 252 | 90 |     | 110 | 30 | 36 | 14 (2x180°) | 33,25 |



Rotary Joint

# 3000-T2 Series



Media Type

**Water + General Purpose**



Max. Speed

**750 - 3500 RPM**



Max. Pressure

**50 BAR**



Max. Temperature

**90 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**1/4" DN08 - 4" DN100**



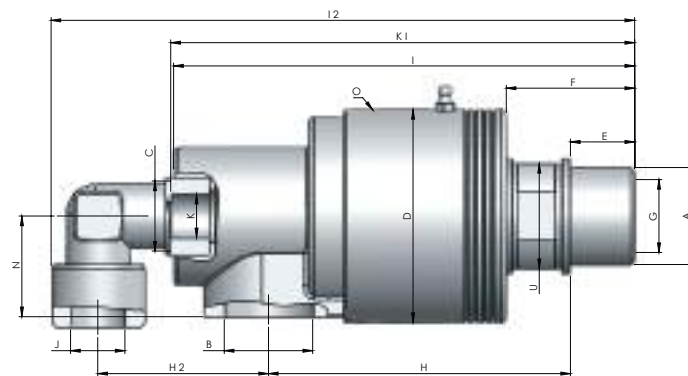
Rotary Joint for water & general purpose

- ✓ Dual flow
- ✓ Balanced mechanical sealing
- ✓ Forged brass housing
- ✓ Silicon carbide sealing components
- ✓ Stainless steel shaft and inner parts
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS



| SIZE | B          | J        | MODEL NO      | A               | C          | DØ  | I      | I 2    | E  | F  | K         | K I    | GØ    | H      | H 2   | N     | U  | LØ | S  | T  | OØ           | KG   |
|------|------------|----------|---------------|-----------------|------------|-----|--------|--------|----|----|-----------|--------|-------|--------|-------|-------|----|----|----|----|--------------|------|
| 15   | 1/2" NPT   | 3/8" NPT | 3050-036-106D | 1/2" NPT - RH   | 3/8" NPT   | 57  | 121    | 151    | 19 | 34 | 1/4" BSPP | 120    | 13    | 81,50  | 39,50 | 25,00 | 26 |    |    |    | 8,5 (2x180°) | 1,25 |
| 15   | 1/2" NPT   | 3/8" NPT | 3050-036-107D | 1/2" NPT - LH   | 3/8" NPT   | 57  | 121    | 151    | 19 | 34 | 1/4" BSPP | 120    | 13    | 81,50  | 39,50 | 25,00 | 26 |    |    |    | 8,5 (2x180°) | 1,25 |
| 15   | 1/2" NPT   | 3/8" NPT | 3050-036-100D | Ø24             | 3/8" NPT   | 57  | 121    | 151    |    | 34 | 1/4" BSPP | 120    | 13    | 83,50  | 39,50 | 25,00 |    | 22 | 6  | 11 | 8,5 (2x180°) | 1,25 |
| 15   | 1/2" BSP   | 3/8" BSP | 3050-336-206D | 1/2" BSP - RH   | 3/8" BSP   | 57  | 121    | 151    | 19 | 34 | 1/4" BSPP | 120    | 13    | 81,50  | 39,50 | 25,00 | 26 |    |    |    | 8,5 (2x180°) | 1,25 |
| 15   | 1/2" BSP   | 3/8" BSP | 3050-336-207D | 1/2" BSP - LH   | 3/8" BSP   | 57  | 121    | 151    | 19 | 34 | 1/4" BSPP | 120    | 13    | 81,50  | 39,50 | 25,00 | 26 |    |    |    | 8,5 (2x180°) | 1,25 |
| 15   | 1/2" BSP   | 3/8" BSP | 3050-336-100D | Ø24             | 3/8" BSP   | 57  | 121    | 151    |    | 34 | 1/4" BSPP | 120    | 13    | 83,50  | 39,50 | 25,00 |    | 22 | 6  | 11 | 8,5 (2x180°) | 1,25 |
| 20   | 3/4" NPT   | 3/8" NPT | 3075-036-108D | 3/4" NPT - RH   | 1/2" NPT   | 67  | 136,50 | 171,50 | 19 | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    | 30 |    |    |    | 8,5 (2x180°) | 1,85 |
| 20   | 3/4" NPT   | 3/8" NPT | 3075-036-109D | 3/4" NPT - LH   | 1/2" NPT   | 67  | 136,50 | 171,50 | 19 | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    | 30 |    |    |    | 8,5 (2x180°) | 1,85 |
| 20   | 3/4" NPT   | 3/8" NPT | 3075-036-100D | Ø30             | 1/2" NPT   | 67  | 136,50 | 171,50 |    | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    |    | 28 | 8  | 14 | 8,5 (2x180°) | 1,85 |
| 20   | 3/4" BSP   | 3/8" BSP | 3075-336-208D | 3/4" BSP - RH   | 1/2" BSP   | 67  | 136,50 | 171,50 | 19 | 36 | 1/4" BSPP | 133,70 | 17,50 | 88,50  | 47,50 | 30    | 30 |    |    |    | 8,5 (2x180°) | 1,85 |
| 20   | 3/4" BSP   | 3/8" BSP | 3075-336-209D | 3/4" BSP - LH   | 1/2" BSP   | 67  | 136,50 | 171,50 | 19 | 36 | 1/4" BSPP | 133,70 | 17,50 | 91,50  | 47,50 | 30    | 30 |    |    |    | 8,5 (2x180°) | 1,85 |
| 20   | 3/4" BSP   | 3/8" BSP | 3075-336-100D | Ø30             | 1/2" BSP   | 67  | 136,50 | 171,50 |    | 36 | 1/4" BSPP | 133,70 | 17,50 | 88,50  | 47,50 | 30    |    | 28 | 8  | 14 | 8,5 (2x180°) | 1,85 |
| 25   | 1" NPT     | 1/2" NPT | 3100-036-110D | 1" NPT - RH     | 3/4" NPT   | 73  | 158    | 200    | 22 | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 | 36 |    |    |    | 8,5 (2x180°) | 2,40 |
| 25   | 1" NPT     | 1/2" NPT | 3100-036-111D | 1" NPT - LH     | 3/4" NPT   | 73  | 158    | 200    | 22 | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 | 36 |    |    |    | 8,5 (2x180°) | 2,40 |
| 25   | 1" NPT     | 1/2" NPT | 3100-036-100D | Ø35             | 3/4" NPT   | 73  | 158    | 200    |    | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 |    | 33 | 8  | 14 | 8,5 (2x180°) | 2,40 |
| 25   | 1" BSP     | 1/2" BSP | 3100-336-210D | 1" BSP - RH     | 3/4" BSP   | 73  | 158    | 200    | 22 | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 | 36 |    |    |    | 8,5 (2x180°) | 2,40 |
| 25   | 1" BSP     | 1/2" BSP | 3100-336-211D | 1" BSP - LH     | 3/4" BSP   | 73  | 158    | 200    | 22 | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 | 36 |    |    |    | 8,5 (2x180°) | 2,40 |
| 25   | 1" BSP     | 1/2" BSP | 3100-336-100D | Ø35             | 3/4" BSP   | 73  | 158    | 200    |    | 44 | 3/8" BSPP | 159    | 25    | 103,50 | 58,50 | 34,50 |    | 33 | 8  | 14 | 8,5 (2x180°) | 2,40 |
| 32   | 1 1/4" NPT | 3/4" NPT | 3125-036-112D | 1 1/4" NPT - RH | 1" NPT     | 87  | 192    | 235,50 | 28 | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 | 46 |    |    |    | 8,5 (2x180°) | 4,05 |
| 32   | 1 1/4" NPT | 3/4" NPT | 3125-036-113D | 1 1/4" NPT - LH | 1" NPT     | 87  | 192    | 235,50 | 28 | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 | 46 |    |    |    | 8,5 (2x180°) | 4,05 |
| 32   | 1 1/4" NPT | 3/4" NPT | 3125-036-100D | Ø45             | 1" NPT     | 87  | 192    | 235,50 |    | 52 | 1/2" BSPP | 192    | 32    | 129    | 69    | 36,50 |    | 43 | 8  | 14 | 8,5 (2x180°) | 4,05 |
| 32   | 1 1/4" BSP | 3/4" BSP | 3125-336-212D | 1 1/4" BSP - RH | 1" BSP     | 87  | 192    | 235,50 | 28 | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 | 46 |    |    |    | 8,5 (2x180°) | 4,05 |
| 32   | 1 1/4" BSP | 3/4" BSP | 3125-336-213D | 1 1/4" BSP - LH | 1" BSP     | 87  | 192    | 235,50 | 28 | 52 | 1/2" BSPP | 192    | 32    | 123    | 69    | 36,50 | 46 |    |    |    | 8,5 (2x180°) | 4,05 |
| 32   | 1 1/4" BSP | 3/4" BSP | 3125-336-100D | Ø45             | 1" BSP     | 87  | 192    | 235,50 |    | 52 | 1/2" BSPP | 192    | 32    | 129    | 69    | 36,50 |    | 43 | 8  | 14 | 8,5 (2x180°) | 4,05 |
| 40   | 1 1/2" NPT | 3/4" NPT | 3150-036-114D | 1 1/2" NPT - RH | 1 1/4" NPT | 102 | 225    | 279    | 30 | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    | 55 |    |    |    | 8,5 (2x180°) | 6    |
| 40   | 1 1/2" NPT | 3/4" NPT | 3150-036-115D | 1 1/2" NPT - LH | 1 1/4" NPT | 102 | 225    | 279    | 30 | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    | 55 |    |    |    | 8,5 (2x180°) | 6    |
| 40   | 1 1/2" NPT | 3/4" NPT | 3150-036-100D | Ø50             | 1 1/4" NPT | 102 | 225    | 279    |    | 70 | 3/4" BSPP | 228    | 38    | 156    | 72    | 43    |    | 48 | 10 | 17 | 8,5 (2x180°) | 6    |
| 40   | 1 1/2" BSP | 3/4" BSP | 3150-336-214D | 1 1/2" BSP - RH | 1 1/4" BSP | 102 | 225    | 279    | 30 | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    | 55 |    |    |    | 8,5 (2x180°) | 6    |
| 40   | 1 1/2" BSP | 3/4" BSP | 3150-336-215D | 1 1/2" BSP - LH | 1 1/4" BSP | 102 | 225    | 279    | 30 | 70 | 3/4" BSPP | 228    | 38    | 153    | 72    | 43    | 55 |    |    |    | 8,5 (2x180°) | 6    |
| 40   | 1 1/2" BSP | 3/4" BSP | 3150-336-100D | Ø50             | 1 1/4" BSP | 102 | 225    | 279    |    | 70 | 3/4" BSPP | 228    | 38    | 156    | 72    | 43    |    | 48 | 10 | 17 | 8,5 (2x180°) | 6    |
| 50   | 2" NPT     | 1" NPT   | 3200-036-116D | 2" NPT - RH     | 1 1/2" NPT | 115 | 249    | 306    | 30 | 64 | 1" BSPP   | 306    | 48    | 164    | 87,50 | 46,50 | 60 |    |    |    | 8,5 (2x180°) | 8,15 |



|     |            |        |               |                 |            |     |     |     |    |     |             |     |       |     |       |       |     |     |    |    |              |       |
|-----|------------|--------|---------------|-----------------|------------|-----|-----|-----|----|-----|-------------|-----|-------|-----|-------|-------|-----|-----|----|----|--------------|-------|
| 50  | 2" NPT     | 1" NPT | 3200-036-117D | 2" NPT - LH     | 1 1/2" NPT | 115 | 249 | 306 | 30 | 64  | 1" BSPP     | 306 | 48    | 164 | 87,50 | 46,50 | 60  |     |    |    | 8,5 (2x180°) | 8,15  |
| 50  | 2" NPT     | 1" NPT | 3200-036-100D | Ø65             | 1 1/2" NPT | 115 | 249 | 306 |    | 64  | 1" BSPP     | 306 | 48    | 164 | 87,50 | 46,50 |     | 63  | 10 | 17 | 8,5 (2x180°) | 8,15  |
| 50  | 2" BSP     | 1" BSP | 3200-336-216D | 2" BSP - RH     | 1 1/2" BSP | 115 | 249 | 306 | 30 | 64  | 1" BSPP     | 306 | 48    | 164 | 87,50 | 46,50 | 60  |     |    |    | 8,5 (2x180°) | 8,15  |
| 50  | 2" BSP     | 1" BSP | 3200-336-217D | 2" BSP - LH     | 1 1/2" BSP | 115 | 249 | 306 | 30 | 64  | 1" BSPP     | 306 | 48    | 164 | 87,50 | 46,50 | 60  |     |    |    | 8,5 (2x180°) | 8,15  |
| 50  | 2" BSP     | 1" BSP | 3200-336-100D | Ø65             | 1 1/2" BSP | 115 | 249 | 306 |    | 64  | 1" BSPP     | 306 | 48    | 164 | 87,50 | 46,50 |     | 63  | 10 | 17 | 8,5 (2x180°) | 8,15  |
| 65  | 1 1/2" NPT |        | 3250-036-118D | 2 1/2" NPT - RH | 2 1/2" NPT | 149 | 287 | 311 | 38 | 80  | 1 1/2" BSPP | 287 | 60,50 | 204 |       | 63    | 88  |     |    |    | 10 (2x180°)  | 17,50 |
| 65  | 1 1/2" NPT |        | 3250-036-119D | 2 1/2" NPT - LH | 2 1/2" NPT | 149 | 287 | 311 | 38 | 80  | 1 1/2" BSPP | 287 | 60,50 | 204 |       | 63    | 88  |     |    |    | 10 (2x180°)  | 17,50 |
| 65  | 1 1/2" NPT |        | 3250-036-100D | Ø85             | 2 1/2" NPT | 149 | 287 | 311 |    | 80  | 1 1/2" BSPP | 287 | 60,50 | 215 |       | 63    |     |     |    |    | 10 (2x180°)  | 17,50 |
| 65  | 1 1/2" BSP |        | 3250-336-218D | 2 1/2" BSP - RH | 2 1/2" BSP | 149 | 287 | 311 | 38 | 80  | 1 1/2" BSPP | 287 | 60,50 | 204 |       | 63    | 88  |     |    |    | 10 (2x180°)  | 17,50 |
| 65  | 1 1/2" BSP |        | 3250-336-219D | 2 1/2" BSP - LH | 2 1/2" BSP | 149 | 287 | 311 | 38 | 80  | 1 1/2" BSPP | 287 | 60,50 | 204 |       | 63    | 88  |     |    |    | 10 (2x180°)  | 17,50 |
| 65  | 1 1/2" BSP |        | 3250-336-100D | Ø85             | 2 1/2" BSP | 149 | 287 | 311 |    | 80  | 1 1/2" BSPP | 287 | 60,50 | 215 |       | 63    |     |     |    |    | 10 (2x180°)  | 17,50 |
| 80  | 2" NPT     |        | 3300-036-120D | 3" NPT - RH     | 3" NPT     | 169 | 317 | 349 | 44 | 89  | 2" BSPP     | 320 | 73    | 223 |       | 77    | 100 |     |    |    | 14 (2x180°)  | 24,60 |
| 80  | 2" NPT     |        | 3300-036-121D | 3" NPT - LH     | 3" NPT     | 169 | 317 | 349 | 44 | 89  | 2" BSPP     | 320 | 73    | 223 |       | 77    | 100 |     |    |    | 14 (2x180°)  | 24,60 |
| 80  | 2" NPT     |        | 3300-036-100D | Ø105            | 3" NPT     | 169 | 317 | 349 |    | 89  | 2" BSPP     | 320 | 73    | 235 |       | 77    |     | 102 | 12 | 20 | 14 (2x180°)  | 24,60 |
| 80  | 2" BSP     |        | 3300-336-220D | 3" BSP - RH     | 3" BSP     | 169 | 317 | 349 | 44 | 89  | 2" BSPP     | 320 | 73    | 223 |       | 77    | 100 |     |    |    | 14 (2x180°)  | 24,60 |
| 80  | 2" BSP     |        | 3300-336-221D | 3" BSP - LH     | 3" BSP     | 169 | 317 | 349 | 44 | 89  | 2" BSPP     | 320 | 73    | 223 |       | 77    | 100 |     |    |    | 14 (2x180°)  | 24,60 |
| 80  | 2" BSP     |        | 3300-336-100D | Ø105            | 3" BSP     | 169 | 317 | 349 |    | 89  | 2" BSPP     | 320 | 73    | 235 |       | 77    |     | 102 | 12 | 20 | 14 (2x180°)  | 24,60 |
| 100 | 2" NPT     |        | 3300-036-120D | 4" NPT - RH     | 4" NPT     | 209 | 379 | 416 | 45 | 115 | 2 1/2" BSPP | 384 | 96    | 273 |       | 90    | 122 |     |    |    | 14 (2x180°)  | 33,25 |
| 100 | 2" NPT     |        | 3300-036-121D | 4" NPT - LH     | 4" NPT     | 209 | 379 | 416 | 45 | 115 | 2 1/2" BSPP | 384 | 96    | 273 |       | 90    | 122 |     |    |    | 14 (2x180°)  | 33,25 |
| 100 | 2" NPT     |        | 3300-036-100D | Ø114            | 4" NPT     | 209 | 379 | 416 |    | 115 | 2 1/2" BSPP | 384 | 96    | 252 |       | 90    |     | 110 | 30 | 36 | 14 (2x180°)  | 33,25 |
| 100 | 2" BSP     |        | 3300-336-220D | 4" BSP - RH     | 4" BSP     | 209 | 379 | 416 | 45 | 115 | 2 1/2" BSPP | 384 | 96    | 273 |       | 90    | 122 |     |    |    | 14 (2x180°)  | 33,25 |
| 100 | 2" BSP     |        | 3300-336-221D | 4" BSP - LH     | 4" BSP     | 209 | 379 | 416 | 45 | 115 | 2 1/2" BSPP | 384 | 96    | 273 |       | 90    | 122 |     |    |    | 14 (2x180°)  | 33,25 |
| 100 | 2" BSP     |        | 3300-336-100D | Ø114            | 4" BSP     | 209 | 379 | 416 |    | 115 | 2 1/2" BSPP | 384 | 96    | 252 |       | 90    |     | 110 | 30 | 36 | 14 (2x180°)  | 33,25 |





# 4000

## SERIES

### ROTARY UNION

ENGINEERED FOR RELIABILITY.  
BUILT FOR PERFORMANCE.



**SMOOTH ROTATION**  
Stable and efficient  
rotational performance



**RELIABLE CONNECTION**  
Engineered for high durability  
and leak-free operation



**COMPACT & DURABLE**  
Space-saving design with  
robust construction



#### QUALITY FIRST

Committed to superior  
quality in every product



#### CUSTOMER FOCUSED

Understanding needs,  
delivering solutions



#### ENGINEERING EXPERTISE

Advanced technology,  
precision engineering



#### RELIABLE PERFORMANCE

Tested for reliability  
built to perform



#### GLOBAL SOLUTIONS

Serving industries  
worldwide



Rotary Joint

# 4000HO-T1 Series



Media Type

Hot Oil



Max. Speed

400 RPM



Max. Pressure

7 BAR



Max. Temperature

280 °C



Connection Type

BSPP, BSPT, NPT, FL,  
Metric



Rotor Size

1/4" DN15 - 2" DN50



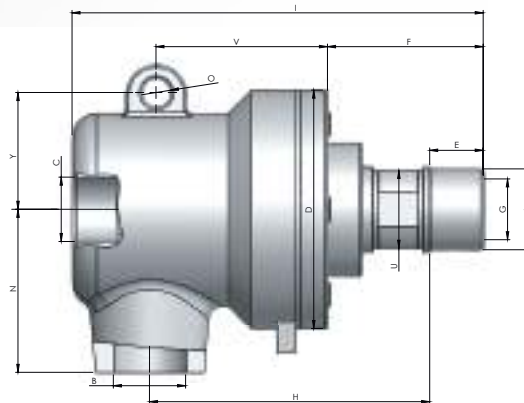
- ✓ Single & duoflow design
- ✓ Nodular casting housing
- ✓ Stainless steel shaft and inner components
- ✓ Carbon Graphite ( Antimony)sealing parts
- ✓ Stationary or rotating siphon system
- ✓ Threaded, Qr & flanged connection

Rotary joint for Hot Oil (Max. 280°C)



Do not operate without fluid.

## DIMENSIONS



| SIZE | B        | MODEL NO        | A             | C        | DØ | I   | E  | F  | GØ | N     | Y     | H      | U  | V     | OØ | LØ | S | T  | KG   |
|------|----------|-----------------|---------------|----------|----|-----|----|----|----|-------|-------|--------|----|-------|----|----|---|----|------|
| 15   | 1/2" NPT | 4050-111-106-HO | 1/2" NPT - RH | 3/8" NPT | 92 | 147 | 20 | 60 | 15 | 53,50 | 42    | 101    | 22 | 58    | 12 |    |   |    | 2,40 |
| 15   | 1/2" NPT | 4050-111-107-HO | 1/2" NPT - LH | 3/8" NPT | 92 | 147 | 20 | 60 | 15 | 53,50 | 42    | 101    | 22 | 58    | 12 |    |   |    | 2,40 |
| 15   | 1/2" NPT | 4050-111-100-HO | Ø24           | 3/8" NPT | 92 | 147 |    | 60 | 15 | 53,50 | 42    | 104    |    | 58    | 12 | 22 | 6 | 11 | 2,40 |
| 15   | 1/2" BSP | 4050-211-206-HO | 1/2" BSP - RH | 3/8" BSP | 92 | 147 | 20 | 60 | 15 | 53,50 | 42    | 101    | 22 | 58    | 12 |    |   |    | 2,40 |
| 15   | 1/2" BSP | 4050-211-207-HO | 1/2" BSP - LH | 3/8" BSP | 92 | 147 | 20 | 60 | 15 | 53,50 | 42    | 101    | 22 | 58    | 12 |    |   |    | 2,40 |
| 15   | 1/2" BSP | 4050-211-100-HO | Ø24           | 3/8" BSP | 92 | 147 |    | 60 | 15 | 53,50 | 42    | 104    |    | 58    | 12 | 22 | 6 | 11 | 2,40 |
| 20   | 3/4" NPT | 4075-111-108-HO | 3/4" NPT - RH | 1/2" NPT | 92 | 156 | 20 | 60 | 18 | 60    | 44,50 | 105,50 | 27 | 66,50 | 12 |    |   |    | 2,95 |
| 20   | 3/4" NPT | 4075-111-109-HO | 3/4" NPT - LH | 1/2" NPT | 92 | 156 | 20 | 60 | 18 | 60    | 44,50 | 105,50 | 27 | 66,50 | 12 |    |   |    | 2,95 |
| 20   | 3/4" NPT | 4075-111-100-HO | Ø30           | 1/2" NPT | 92 | 156 |    | 60 | 18 | 60    | 44,50 | 105,50 |    | 66,50 | 12 | 28 | 8 | 13 | 2,95 |
| 20   | 3/4" BSP | 4075-211-208-HO | 3/4" BSP - RH | 1/2" BSP | 92 | 156 | 20 | 60 | 18 | 60    | 44,50 | 105,50 | 27 | 66,50 | 12 |    |   |    | 2,95 |
| 20   | 3/4" BSP | 4075-211-209-HO | 3/4" BSP - LH | 1/2" BSP | 92 | 156 | 20 | 60 | 18 | 60    | 44,50 | 105,50 | 27 | 66,50 | 12 |    |   |    | 2,95 |
| 20   | 3/4" BSP | 4075-211-100-HO | Ø30           | 1/2" BSP | 92 | 156 |    | 60 | 18 | 60    | 44,50 | 105,50 |    | 66,50 | 12 | 28 | 8 | 13 | 2,95 |

|    |            |                 |                 |            |     |     |    |    |    |     |    |        |    |       |    |    |    |    |      |
|----|------------|-----------------|-----------------|------------|-----|-----|----|----|----|-----|----|--------|----|-------|----|----|----|----|------|
| 25 | 1" NPT     | 4100-111-110-HO | 1" NPT - RH     | 3/4" NPT   | 98  | 169 | 22 | 64 | 25 | 67  | 48 | 115    | 32 | 70,50 | 12 |    |    |    | 3,65 |
| 25 | 1" NPT     | 4100-111-111-HO | 1" NPT - LH     | 3/4" NPT   | 98  | 169 | 22 | 64 | 25 | 67  | 48 | 115    | 32 | 70,50 | 12 |    |    |    | 3,65 |
| 25 | 1" NPT     | 4100-111-100-HO | Ø35             | 3/4" NPT   | 98  | 169 |    | 64 | 25 | 67  | 48 | 116    |    | 70,50 | 12 | 33 | 8  | 13 | 3,65 |
| 25 | 1" BSP     | 4100-211-210-HO | 1" BSP - RH     | 3/4" BSP   | 98  | 169 | 22 | 64 | 25 | 67  | 48 | 115    | 32 | 70,50 | 12 |    |    |    | 3,65 |
| 25 | 1" BSP     | 4100-211-211-HO | 1" BSP - LH     | 3/4" BSP   | 98  | 169 | 22 | 64 | 25 | 67  | 48 | 115    | 32 | 70,50 | 12 |    |    |    | 3,65 |
| 25 | 1" BSP     | 4100-211-100-HO | Ø35             | 3/4" BSP   | 98  | 169 |    | 64 | 25 | 67  | 48 | 116    |    | 70,50 | 12 | 33 | 8  | 13 | 3,65 |
| 32 | 1 1/4" NPT | 4125-111-112-HO | 1 1/4" NPT - RH | 1" NPT     | 110 | 192 | 25 | 73 | 32 | 76  | 59 | 129,50 | 41 | 80    | 15 |    |    |    | 5,25 |
| 32 | 1 1/4" NPT | 4125-111-113-HO | 1 1/4" NPT - LH | 1" NPT     | 110 | 192 | 25 | 73 | 32 | 76  | 59 | 129,50 | 41 | 80    | 15 |    |    |    | 5,25 |
| 32 | 1 1/4" NPT | 4125-111-100-HO | Ø45             | 1" NPT     | 110 | 192 |    | 73 | 32 | 76  | 59 | 133,50 |    | 80    | 15 | 43 | 8  | 13 | 5,25 |
| 32 | 1 1/4" BSP | 4125-211-212-HO | 1 1/4" BSP - RH | 1" BSP     | 110 | 192 | 25 | 73 | 32 | 76  | 59 | 129,50 | 41 | 80    | 15 |    |    |    | 5,25 |
| 32 | 1 1/4" BSP | 4125-211-213-HO | 1 1/4" BSP - LH | 1" BSP     | 110 | 192 | 25 | 73 | 32 | 76  | 59 | 129,50 | 41 | 80    | 15 |    |    |    | 5,25 |
| 32 | 1 1/4" BSP | 4125-211-100-HO | Ø45             | 1" BSP     | 110 | 192 |    | 73 | 32 | 76  | 59 | 133,50 |    | 80    | 15 | 43 | 8  | 13 | 5,25 |
| 40 | 1 1/2" NPT | 4150-111-114-HO | 1 1/2" NPT - RH | 1 1/4" NPT | 138 | 210 | 27 | 72 | 38 | 89  | 73 | 142    | 50 | 93    | 15 |    |    |    | 8,75 |
| 40 | 1 1/2" NPT | 4150-111-115-HO | 1 1/2" NPT - LH | 1 1/4" NPT | 138 | 210 | 27 | 72 | 38 | 89  | 73 | 142    | 50 | 93    | 15 |    |    |    | 8,75 |
| 40 | 1 1/2" NPT | 4150-111-100-HO | Ø50             | 1 1/4" NPT | 138 | 210 |    | 72 | 38 | 89  | 73 | 143    |    | 93    | 15 | 48 | 10 | 16 | 8,75 |
| 40 | 1 1/2" BSP | 4150-210-214-HO | 1 1/2" BSP - RH | 1 1/4" BSP | 138 | 210 | 27 | 72 | 38 | 89  | 73 | 142    | 50 | 93    | 15 |    |    |    | 8,75 |
| 40 | 1 1/2" BSP | 4150-211-215-HO | 1 1/2" BSP - LH | 1 1/4" BSP | 138 | 210 | 27 | 72 | 38 | 89  | 73 | 142    | 50 | 93    | 15 |    |    |    | 8,75 |
| 40 | 1 1/2" BSP | 4150-211-100-HO | Ø50             | 1 1/4" BSP | 138 | 210 |    | 72 | 38 | 89  | 73 | 143    |    | 93    | 15 | 48 | 10 | 16 | 8,75 |
| 50 | 2" NPT     | 4200-111-116-HO | 2" NPT - RH     | 1 1/2" NPT | 158 | 242 | 30 | 81 | 49 | 102 | 79 | 159    | 60 | 112   | 16 |    |    |    | 14   |
| 50 | 2" NPT     | 4200-111-117-HO | 2" NPT - LH     | 1 1/2" NPT | 158 | 242 | 30 | 81 | 49 | 102 | 79 | 159    | 60 | 112   | 16 |    |    |    | 14   |
| 50 | 2" NPT     | 4200-111-100-HO | Ø65             | 1 1/2" NPT | 158 | 242 |    | 81 | 49 | 102 | 79 | 162,50 |    | 112   | 16 | 63 | 10 | 16 | 14   |
| 50 | 2" BSP     | 4200-211-216-HO | 2" BSP - RH     | 1 1/2" BSP | 158 | 242 | 30 | 81 | 49 | 102 | 79 | 159    | 60 | 112   | 16 |    |    |    | 14   |
| 50 | 2" BSP     | 4200-211-217-HO | 2" BSP - LH     | 1 1/2" BSP | 158 | 242 | 30 | 81 | 49 | 102 | 79 | 159    | 60 | 112   | 16 |    |    |    | 14   |
| 50 | 2" BSP     | 4200-211-100-HO | Ø65             | 1 1/2" BSP | 158 | 242 |    | 81 | 49 | 102 | 79 | 162,50 |    | 112   | 16 | 63 | 10 | 16 | 14   |



Rotary Joint

# 4000HO-T2 Series



Media Type

**Hot Oil**



Max. Speed

**400 RPM**



Max. Pressure

**7 BAR**



Max. Temperature

**280 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**1/2" DN15 - 2" DN50**



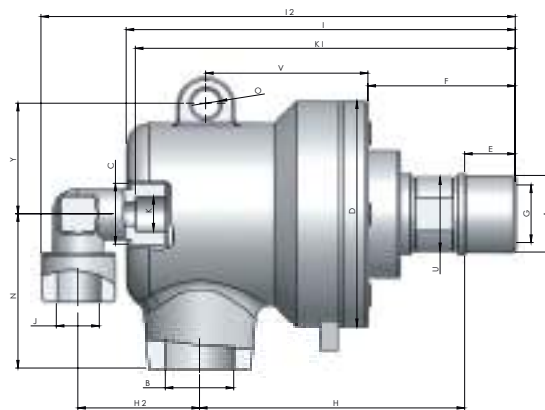
Rotary joint for Hot Oil (Max. 280°C)

- ✓ Single & duoflow design
- ✓ Nodular casting housing
- ✓ Stainless steel shaft and inner components
- ✓ Carbon Graphite ( Antimony)sealing parts
- ✓ Stationary or rotating siphon system
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS



| SIZE | B          |          | MODEL NO      | A               | C          | DØ  | I   | I 2    | E  | F  | GØ | K         | K I    | N     | Y     | H      | H 2   | U  | V     | OØ | LØ | S  | T  | KG    |
|------|------------|----------|---------------|-----------------|------------|-----|-----|--------|----|----|----|-----------|--------|-------|-------|--------|-------|----|-------|----|----|----|----|-------|
| 15   | 1/2" NPT   | 3/8" NPT | 4050-111-106D | 1/2" NPT - RH   | 3/8" NPT   | 92  | 147 | 174,50 | 20 | 60 | 15 | 1/8" BSPP | 143,50 | 53,50 | 42    | 101    | 42,50 | 22 | 58    | 12 |    |    |    | 2,50  |
| 15   | 1/2" NPT   | 3/8" NPT | 4050-111-107D | 1/2" NPT - LH   | 3/8" NPT   | 92  | 147 | 174,50 | 20 | 60 | 15 | 1/8" BSPP | 143,50 | 53,50 | 42    | 101    | 42,50 | 22 | 58    | 12 |    |    |    | 2,50  |
| 15   | 1/2" NPT   | 3/8" NPT | 4050-111-100D | Ø24             | 3/8" NPT   | 92  | 147 | 174,50 |    | 60 | 15 | 1/8" BSPP | 143,50 | 53,50 | 42    | 104    | 42,50 |    | 58    | 12 | 22 | 6  | 11 | 2,50  |
| 15   | 1/2" BSP   | 3/8" BSP | 4050-211-206D | 1/2" BSP - RH   | 3/8" BSP   | 92  | 147 | 174,50 | 20 | 60 | 15 | 1/8" BSPP | 143,50 | 53,50 | 42    | 101    | 42,50 | 22 | 58    | 12 |    |    |    | 2,50  |
| 15   | 1/2" BSP   | 3/8" BSP | 4050-211-207D | 1/2" BSP - LH   | 3/8" BSP   | 92  | 147 | 174,50 | 20 | 60 | 15 | 1/8" BSPP | 143,50 | 53,50 | 42    | 101    | 42,50 | 22 | 58    | 12 |    |    |    | 2,50  |
| 15   | 1/2" BSP   | 3/8" BSP | 4050-211-100D | Ø24             | 3/8" BSP   | 92  | 147 | 174,50 |    | 60 | 15 | 1/8" BSPP | 143,50 | 53,50 | 42    | 104    | 42,50 |    | 58    | 12 | 22 | 6  | 11 | 2,50  |
| 20   | 3/4" NPT   | 1/2" NPT | 4075-111-108D | 3/4" NPT - RH   | 1/2" NPT   | 92  | 156 | 189,50 | 20 | 60 | 18 | 1/4" BSPP | 154    | 60    | 44,50 | 105,50 | 50,50 | 27 | 66,50 | 12 |    |    |    | 3,10  |
| 20   | 3/4" NPT   | 1/2" NPT | 4075-111-109D | 3/4" NPT - LH   | 1/2" NPT   | 92  | 156 | 189,50 | 20 | 60 | 18 | 1/4" BSPP | 154    | 60    | 44,50 | 105,50 | 50,50 | 27 | 66,50 | 12 |    |    |    | 3,10  |
| 20   | 3/4" NPT   | 1/2" NPT | 4075-111-100D | Ø30             | 1/2" NPT   | 92  | 156 | 189,50 |    | 60 | 18 | 1/4" BSPP | 154    | 60    | 44,50 | 105,50 | 50,50 |    | 66,50 | 12 | 28 | 8  | 13 | 3,10  |
| 20   | 3/4" BSP   | 1/2" BSP | 4075-211-208D | 3/4" BSP - RH   | 1/2" BSP   | 92  | 156 | 189,50 | 20 | 60 | 18 | 1/4" BSPP | 154    | 60    | 44,50 | 105,50 | 50,50 | 27 | 66,50 | 12 |    |    |    | 3,10  |
| 20   | 3/4" BSP   | 1/2" BSP | 4075-211-209D | 3/4" BSP - LH   | 1/2" BSP   | 92  | 156 | 189,50 | 20 | 60 | 18 | 1/4" BSPP | 154    | 60    | 44,50 | 105,50 | 50,50 | 27 | 66,50 | 12 |    |    |    | 3,10  |
| 20   | 3/4" BSP   | 1/2" BSP | 4075-211-100D | Ø30             | 1/2" BSP   | 92  | 156 | 189,50 |    | 60 | 18 | 1/4" BSPP | 154    | 60    | 44,50 | 105,50 | 50,50 |    | 66,50 | 12 | 28 | 8  | 13 | 3,10  |
| 25   | 1" NPT     | 1/2" NPT | 4100-111-110D | 1" NPT - RH     | 3/4" NPT   | 98  | 169 | 206    | 22 | 64 | 25 | 3/8" BSPP | 164    | 67    | 48    | 115    | 53    | 32 | 70,50 | 12 |    |    |    | 3,90  |
| 25   | 1" NPT     | 1/2" NPT | 4100-111-111D | 1" NPT - LH     | 3/4" NPT   | 98  | 169 | 206    | 22 | 64 | 25 | 3/8" BSPP | 164    | 67    | 48    | 115    | 53    | 32 | 70,50 | 12 |    |    |    | 3,90  |
| 25   | 1" NPT     | 1/2" NPT | 4100-111-100D | Ø35             | 3/4" NPT   | 98  | 169 | 206    |    | 64 | 25 | 3/8" BSPP | 164    | 67    | 48    | 116    | 53    |    | 70,50 | 12 | 33 | 8  | 13 | 3,90  |
| 25   | 1" BSP     | 1/2" BSP | 4100-211-210D | 1" BSP - RH     | 3/4" BSP   | 98  | 169 | 206    | 22 | 64 | 25 | 3/8" BSPP | 164    | 67    | 48    | 115    | 53    | 32 | 70,50 | 12 |    |    |    | 3,90  |
| 25   | 1" BSP     | 1/2" BSP | 4100-211-211D | 1" BSP - LH     | 3/4" BSP   | 98  | 169 | 206    | 22 | 64 | 25 | 3/8" BSPP | 164    | 67    | 48    | 115    | 53    | 32 | 70,50 | 12 |    |    |    | 3,90  |
| 25   | 1" BSP     | 1/2" BSP | 4100-211-100D | Ø35             | 3/4" BSP   | 98  | 169 | 206    |    | 64 | 25 | 3/8" BSPP | 164    | 67    | 48    | 116    | 53    |    | 70,50 | 12 | 33 | 8  | 13 | 3,90  |
| 32   | 1 1/4" NPT | 3/4" NPT | 4125-111-112D | 1 1/4" NPT - RH | 1" NPT     | 110 | 192 | 229    | 25 | 73 | 32 | 1/2" BSPP | 187    | 76    | 59    | 129,50 | 58,50 | 41 | 80    | 15 |    |    |    | 5,55  |
| 32   | 1 1/4" NPT | 3/4" NPT | 4125-111-113D | 1 1/4" NPT - LH | 1" NPT     | 110 | 192 | 229    | 25 | 73 | 32 | 1/2" BSPP | 187    | 76    | 59    | 129,50 | 58,50 | 41 | 80    | 15 |    |    |    | 5,55  |
| 32   | 1 1/4" NPT | 3/4" NPT | 4125-111-100D | Ø45             | 1" NPT     | 110 | 192 | 229    |    | 73 | 32 | 1/2" BSPP | 187    | 76    | 59    | 133,50 | 58,50 |    | 80    | 15 | 43 | 8  | 13 | 5,55  |
| 32   | 1 1/4" BSP | 3/4" BSP | 4125-211-212D | 1 1/4" BSP - RH | 1" BSP     | 110 | 192 | 229    | 25 | 73 | 32 | 1/2" BSPP | 187    | 76    | 59    | 129,50 | 58,50 | 41 | 80    | 15 |    |    |    | 5,55  |
| 32   | 1 1/4" BSP | 3/4" BSP | 4125-211-213D | 1 1/4" BSP - LH | 1" BSP     | 110 | 192 | 229    | 25 | 73 | 32 | 1/2" BSPP | 187    | 76    | 59    | 129,50 | 58,50 | 41 | 80    | 15 |    |    |    | 5,55  |
| 32   | 1 1/4" BSP | 3/4" BSP | 4125-211-100D | Ø45             | 1" BSP     | 110 | 192 | 229    |    | 73 | 32 | 1/2" BSPP | 187    | 76    | 59    | 133,50 | 58,50 |    | 80    | 15 | 43 | 8  | 13 | 5,55  |
| 40   | 1 1/2" NPT | 3/4" NPT | 4150-111-114D | 1 1/2" NPT - RH | 1 1/4" NPT | 138 | 210 | 260,50 | 27 | 72 | 38 | 3/4" BSPP | 203,50 | 89    | 73    | 142    | 70,50 | 50 | 93    | 15 |    |    |    | 9,60  |
| 40   | 1 1/2" NPT | 3/4" NPT | 4150-111-115D | 1 1/2" NPT - LH | 1 1/4" NPT | 138 | 210 | 260,50 | 27 | 72 | 38 | 3/4" BSPP | 203,50 | 89    | 73    | 142    | 70,50 | 50 | 93    | 15 |    |    |    | 9,60  |
| 40   | 1 1/2" NPT | 3/4" NPT | 4150-111-100D | Ø50             | 1 1/4" NPT | 138 | 210 | 260,50 |    | 72 | 38 | 3/4" BSPP | 203,50 | 89    | 73    | 143    | 70,50 |    | 93    | 15 | 48 | 10 | 16 | 9,60  |
| 40   | 1 1/2" BSP | 3/4" BSP | 4150-211-214D | 1 1/2" BSP - RH | 1 1/4" BSP | 138 | 210 | 260,50 | 27 | 72 | 38 | 3/4" BSPP | 203,50 | 89    | 73    | 142    | 70,50 | 50 | 93    | 15 |    |    |    | 9,60  |
| 40   | 1 1/2" BSP | 3/4" BSP | 4150-211-215D | 1 1/2" BSP - LH | 1 1/4" BSP | 138 | 210 | 260,50 | 27 | 72 | 38 | 3/4" BSPP | 203,50 | 89    | 73    | 142    | 70,50 | 50 | 93    | 15 |    |    |    | 9,60  |
| 40   | 1 1/2" BSP | 3/4" BSP | 4150-211-100D | Ø50             | 1 1/4" BSP | 138 | 210 | 260,50 |    | 72 | 38 | 3/4" BSPP | 203,50 | 89    | 73    | 143    | 70,50 |    | 93    | 15 | 48 | 10 | 16 | 9,60  |
| 50   | 2" NPT     | 1" NPT   | 4200-111-116D | 2" NPT - RH     | 1 1/2" NPT | 158 | 242 | 242    | 30 | 81 | 49 | 1" BSPP   | 235    | 102   | 79    | 159    | 80    | 60 | 112   | 16 |    |    |    | 14,65 |



|    |        |        |               |             |            |     |     |     |    |    |    |         |     |     |    |        |    |    |     |    |    |    |    |       |
|----|--------|--------|---------------|-------------|------------|-----|-----|-----|----|----|----|---------|-----|-----|----|--------|----|----|-----|----|----|----|----|-------|
| 50 | 2" NPT | 1" NPT | 4200-111-117D | 2" NPT - LH | 1 1/2" NPT | 158 | 242 | 242 | 30 | 81 | 49 | 1" BSPP | 235 | 102 | 79 | 159    | 80 | 60 | 112 | 16 |    |    |    | 14,65 |
| 50 | 2" NPT | 1" NPT | 4200-111-100D | Ø65         | 1 1/2" NPT | 158 | 242 | 242 |    | 81 | 49 | 1" BSPP | 235 | 102 | 79 | 162,50 | 80 |    | 112 | 16 | 63 | 10 | 16 | 14,65 |
| 50 | 2" BSP | 1" BSP | 4200-211-216D | 2" BSP - RH | 1 1/2" BSP | 158 | 242 | 242 | 30 | 81 | 49 | 1" BSPP | 235 | 102 | 79 | 159    | 80 | 60 | 112 | 16 |    |    |    | 14,65 |
| 50 | 2" BSP | 1" BSP | 4200-211-217D | 2" BSP - LH | 1 1/2" BSP | 158 | 242 | 242 | 30 | 81 | 49 | 1" BSPP | 235 | 102 | 79 | 159    | 80 | 60 | 112 | 16 |    |    |    | 14,65 |
| 50 | 2" BSP | 1" BSP | 4200-211-100D | Ø65         | 1 1/2" BSP | 158 | 242 | 242 |    | 81 | 49 | 1" BSPP | 235 | 102 | 79 | 162,50 | 80 |    | 112 | 16 | 63 | 10 | 16 | 14,65 |

Rotary Joint

# 4000-T1 Series



Media Type

**Steam**



Max. Speed

**400 RPM**



Max. Pressure

**17 BAR**



Max. Temperature

**210 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**1/2" DN15 - 2" DN50**



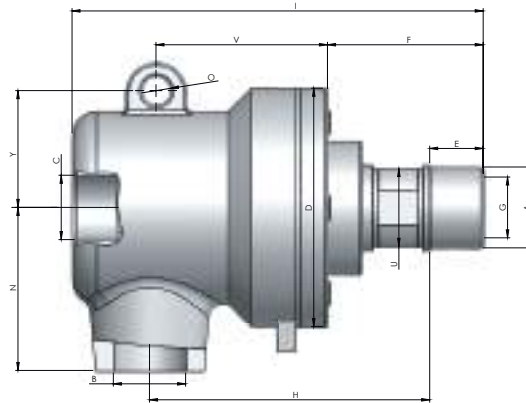
Rotary Joint for Steam

- ✓ Single & duoflow design
- ✓ Nodular casting housing
- ✓ Stainless steel shaft and inner components
- ✓ Carbon Graphite sealing parts
- ✓ Stationary or rotating siphon system
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS



| SIZE | B        | MODEL NO     | A             | C        | DØ | I   | E  | F  | GØ | N     | Y     | H      | U  | V     | OØ | LØ | S | T  | KG   |
|------|----------|--------------|---------------|----------|----|-----|----|----|----|-------|-------|--------|----|-------|----|----|---|----|------|
| 15   | 1/2" NPT | 4050-110-106 | 1/2" NPT - RH | 3/8" NPT | 92 | 147 | 20 | 60 | 15 | 53,50 | 42    | 101    | 22 | 58    | 12 |    |   |    | 2,40 |
| 15   | 1/2" NPT | 4050-110-107 | 1/2" NPT - LH | 3/8" NPT | 92 | 147 | 20 | 60 | 15 | 53,50 | 42    | 101    | 22 | 58    | 12 |    |   |    | 2,40 |
| 15   | 1/2" NPT | 4050-110-100 | Ø24           | 3/8" NPT | 92 | 147 |    | 60 | 15 | 53,50 | 42    | 104    |    | 58    | 12 | 22 | 6 | 11 | 2,40 |
| 15   | 1/2" BSP | 4050-210-206 | 1/2" BSP - RH | 3/8" BSP | 92 | 147 | 20 | 60 | 15 | 53,50 | 42    | 101    | 22 | 58    | 12 |    |   |    | 2,40 |
| 15   | 1/2" BSP | 4050-210-207 | 1/2" BSP - LH | 3/8" BSP | 92 | 147 | 20 | 60 | 15 | 53,50 | 42    | 101    | 22 | 58    | 12 |    |   |    | 2,40 |
| 15   | 1/2" BSP | 4050-210-100 | Ø24           | 3/8" BSP | 92 | 147 |    | 60 | 15 | 53,50 | 42    | 104    |    | 58    | 12 | 22 | 6 | 11 | 2,40 |
| 20   | 3/4" NPT | 4075-110-108 | 3/4" NPT - RH | 1/2" NPT | 92 | 156 | 20 | 60 | 18 | 60    | 44,50 | 105,50 | 27 | 66,50 | 12 |    |   |    | 2,95 |
| 20   | 3/4" NPT | 4075-110-109 | 3/4" NPT - LH | 1/2" NPT | 92 | 156 | 20 | 60 | 18 | 60    | 44,50 | 105,50 | 27 | 66,50 | 12 |    |   |    | 2,95 |
| 20   | 3/4" NPT | 4075-110-100 | Ø30           | 1/2" NPT | 92 | 156 |    | 60 | 18 | 60    | 44,50 | 105,50 |    | 66,50 | 12 | 28 | 8 | 13 | 2,95 |
| 20   | 3/4" BSP | 4075-210-208 | 3/4" BSP - RH | 1/2" BSP | 92 | 156 | 20 | 60 | 18 | 60    | 44,50 | 105,50 | 27 | 66,50 | 12 |    |   |    | 2,95 |
| 20   | 3/4" BSP | 4075-210-209 | 3/4" BSP - LH | 1/2" BSP | 92 | 156 | 20 | 60 | 18 | 60    | 44,50 | 105,50 | 27 | 66,50 | 12 |    |   |    | 2,95 |
| 20   | 3/4" BSP | 4075-210-100 | Ø30           | 1/2" BSP | 92 | 156 |    | 60 | 18 | 60    | 44,50 | 105,50 |    | 66,50 | 12 | 28 | 8 | 13 | 2,95 |



|    |            |              |                 |            |     |     |    |    |    |     |    |        |    |       |    |    |    |    |      |
|----|------------|--------------|-----------------|------------|-----|-----|----|----|----|-----|----|--------|----|-------|----|----|----|----|------|
| 25 | 1" NPT     | 4100-110-110 | 1" NPT - RH     | 3/4" NPT   | 98  | 169 | 22 | 64 | 25 | 67  | 48 | 115    | 32 | 70,50 | 12 |    |    |    | 3,65 |
| 25 | 1" NPT     | 4100-110-111 | 1" NPT - LH     | 3/4" NPT   | 98  | 169 | 22 | 64 | 25 | 67  | 48 | 115    | 32 | 70,50 | 12 |    |    |    | 3,65 |
| 25 | 1" NPT     | 4100-110-100 | Ø35             | 3/4" NPT   | 98  | 169 |    | 64 | 25 | 67  | 48 | 116    |    | 70,50 | 12 | 33 | 8  | 13 | 3,65 |
| 25 | 1" BSP     | 4100-210-210 | 1" BSP - RH     | 3/4" BSP   | 98  | 169 | 22 | 64 | 25 | 67  | 48 | 115    | 32 | 70,50 | 12 |    |    |    | 3,65 |
| 25 | 1" BSP     | 4100-210-211 | 1" BSP - LH     | 3/4" BSP   | 98  | 169 | 22 | 64 | 25 | 67  | 48 | 115    | 32 | 70,50 | 12 |    |    |    | 3,65 |
| 25 | 1" BSP     | 4100-210-100 | Ø35             | 3/4" BSP   | 98  | 169 |    | 64 | 25 | 67  | 48 | 116    |    | 70,50 | 12 | 33 | 8  | 13 | 3,65 |
| 32 | 1 1/4" NPT | 4125-110-112 | 1 1/4" NPT - RH | 1" NPT     | 110 | 192 | 25 | 73 | 32 | 76  | 59 | 129,50 | 41 | 80    | 15 |    |    |    | 5,25 |
| 32 | 1 1/4" NPT | 4125-110-113 | 1 1/4" NPT - LH | 1" NPT     | 110 | 192 | 25 | 73 | 32 | 76  | 59 | 129,50 | 41 | 80    | 15 |    |    |    | 5,25 |
| 32 | 1 1/4" NPT | 4125-110-100 | Ø45             | 1" NPT     | 110 | 192 |    | 73 | 32 | 76  | 59 | 133,50 |    | 80    | 15 | 43 | 8  | 13 | 5,25 |
| 32 | 1 1/4" BSP | 4125-210-212 | 1 1/4" BSP - RH | 1" BSP     | 110 | 192 | 25 | 73 | 32 | 76  | 59 | 129,50 | 41 | 80    | 15 |    |    |    | 5,25 |
| 32 | 1 1/4" BSP | 4125-210-213 | 1 1/4" BSP - LH | 1" BSP     | 110 | 192 | 25 | 73 | 32 | 76  | 59 | 129,50 | 41 | 80    | 15 |    |    |    | 5,25 |
| 32 | 1 1/4" BSP | 4125-210-100 | Ø45             | 1" BSP     | 110 | 192 |    | 73 | 32 | 76  | 59 | 133,50 |    | 80    | 15 | 43 | 8  | 13 | 5,25 |
| 40 | 1 1/2" NPT | 4150-110-114 | 1 1/2" NPT - RH | 1 1/4" NPT | 138 | 210 | 27 | 72 | 38 | 89  | 73 | 142    | 50 | 93    | 15 |    |    |    | 8,75 |
| 40 | 1 1/2" NPT | 4150-110-115 | 1 1/2" NPT - LH | 1 1/4" NPT | 138 | 210 | 27 | 72 | 38 | 89  | 73 | 142    | 50 | 93    | 15 |    |    |    | 8,75 |
| 40 | 1 1/2" NPT | 4150-110-100 | Ø50             | 1 1/4" NPT | 138 | 210 |    | 72 | 38 | 89  | 73 | 143    |    | 93    | 15 | 48 | 10 | 16 | 8,75 |
| 40 | 1 1/2" BSP | 4150-210-214 | 1 1/2" BSP - RH | 1 1/4" BSP | 138 | 210 | 27 | 72 | 38 | 89  | 73 | 142    | 50 | 93    | 15 |    |    |    | 8,75 |
| 40 | 1 1/2" BSP | 4150-210-215 | 1 1/2" BSP - LH | 1 1/4" BSP | 138 | 210 | 27 | 72 | 38 | 89  | 73 | 142    | 50 | 93    | 15 |    |    |    | 8,75 |
| 40 | 1 1/2" BSP | 4150-210-100 | Ø50             | 1 1/4" BSP | 138 | 210 |    | 72 | 38 | 89  | 73 | 143    |    | 93    | 15 | 48 | 10 | 16 | 8,75 |
| 50 | 2" NPT     | 4200-110-116 | 2" NPT - RH     | 1 1/2" NPT | 158 | 242 | 30 | 81 | 49 | 102 | 79 | 159    | 60 | 112   | 16 |    |    |    | 14   |
| 50 | 2" NPT     | 4200-110-117 | 2" NPT - LH     | 1 1/2" NPT | 158 | 242 | 30 | 81 | 49 | 102 | 79 | 159    | 60 | 112   | 16 |    |    |    | 14   |
| 50 | 2" NPT     | 4200-110-100 | Ø65             | 1 1/2" NPT | 158 | 242 |    | 81 | 49 | 102 | 79 | 162,50 |    | 112   | 16 | 63 | 10 | 16 | 14   |
| 50 | 2" BSP     | 4200-210-216 | 2" BSP - RH     | 1 1/2" BSP | 158 | 242 | 30 | 81 | 49 | 102 | 79 | 159    | 60 | 112   | 16 |    |    |    | 14   |
| 50 | 2" BSP     | 4200-210-217 | 2" BSP - LH     | 1 1/2" BSP | 158 | 242 | 30 | 81 | 49 | 102 | 79 | 159    | 60 | 112   | 16 |    |    |    | 14   |
| 50 | 2" BSP     | 4200-210-100 | Ø65             | 1 1/2" BSP | 158 | 242 |    | 81 | 49 | 102 | 79 | 162,50 |    | 112   | 16 | 63 | 10 | 16 | 14   |

Rotary Joint

# 4000-T2 Series



Media Type

**Steam**



Max. Speed

**400 RPM**



Max. Pressure

**17 BAR**



Max. Temperature

**210 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**1/2" DN15 - 2" DN50**



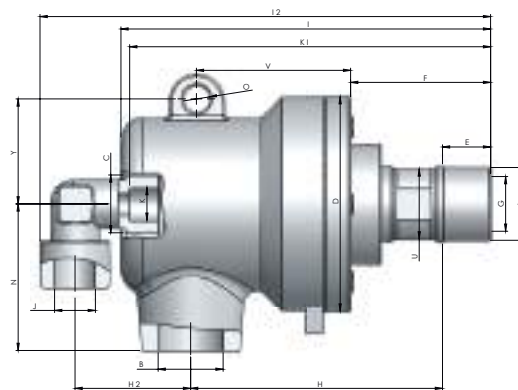
Rotary Joint for Steam

- ✓ Single & duoflow design
- ✓ Nodular casting housing
- ✓ Stainless steel shaft and inner components
- ✓ Carbon Graphite sealing parts
- ✓ Stationary or rotating siphon system
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS





| SIZE | B          |          | MODEL NO      | A               | C          | DØ  | I   | I 2    | E  | F  | GØ | K         | K I    | N     | Y     | H      | H 2   | U  | V     | OØ | LØ | S  | T  | KG    |
|------|------------|----------|---------------|-----------------|------------|-----|-----|--------|----|----|----|-----------|--------|-------|-------|--------|-------|----|-------|----|----|----|----|-------|
| 15   | 1/2" NPT   | 3/8" NPT | 4050-110-106D | 1/2" NPT - RH   | 3/8" NPT   | 92  | 147 | 174,50 | 20 | 60 | 15 | 1/8" BSPP | 143,50 | 53,50 | 42    | 101    | 42,50 | 22 | 58    | 12 |    |    |    | 2,50  |
| 15   | 1/2" NPT   | 3/8" NPT | 4050-110-107D | 1/2" NPT - LH   | 3/8" NPT   | 92  | 147 | 174,50 | 20 | 60 | 15 | 1/8" BSPP | 143,50 | 53,50 | 42    | 101    | 42,50 | 22 | 58    | 12 |    |    |    | 2,50  |
| 15   | 1/2" NPT   | 3/8" NPT | 4050-110-100D | Ø24             | 3/8" NPT   | 92  | 147 | 174,50 |    | 60 | 15 | 1/8" BSPP | 143,50 | 53,50 | 42    | 104    | 42,50 |    | 58    | 12 | 22 | 6  | 11 | 2,50  |
| 15   | 1/2" BSP   | 3/8" BSP | 4050-210-206D | 1/2" BSP - RH   | 3/8" BSP   | 92  | 147 | 174,50 | 20 | 60 | 15 | 1/8" BSPP | 143,50 | 53,50 | 42    | 101    | 42,50 | 22 | 58    | 12 |    |    |    | 2,50  |
| 15   | 1/2" BSP   | 3/8" BSP | 4050-210-207D | 1/2" BSP - LH   | 3/8" BSP   | 92  | 147 | 174,50 | 20 | 60 | 15 | 1/8" BSPP | 143,50 | 53,50 | 42    | 101    | 42,50 | 22 | 58    | 12 |    |    |    | 2,50  |
| 15   | 1/2" BSP   | 3/8" BSP | 4050-210-100D | Ø24             | 3/8" BSP   | 92  | 147 | 174,50 |    | 60 | 15 | 1/8" BSPP | 143,50 | 53,50 | 42    | 104    | 42,50 |    | 58    | 12 | 22 | 6  | 11 | 2,50  |
| 20   | 3/4" NPT   | 1/2" NPT | 4075-110-108D | 3/4" NPT - RH   | 1/2" NPT   | 92  | 156 | 189,50 | 20 | 60 | 18 | 1/4" BSPP | 154    | 60    | 44,50 | 105,50 | 50,50 | 27 | 66,50 | 12 |    |    |    | 3,10  |
| 20   | 3/4" NPT   | 1/2" NPT | 4075-110-109D | 3/4" NPT - LH   | 1/2" NPT   | 92  | 156 | 189,50 | 20 | 60 | 18 | 1/4" BSPP | 154    | 60    | 44,50 | 105,50 | 50,50 | 27 | 66,50 | 12 |    |    |    | 3,10  |
| 20   | 3/4" NPT   | 1/2" NPT | 4075-110-100D | Ø30             | 1/2" NPT   | 92  | 156 | 189,50 |    | 60 | 18 | 1/4" BSPP | 154    | 60    | 44,50 | 105,50 | 50,50 |    | 66,50 | 12 | 28 | 8  | 13 | 3,10  |
| 20   | 3/4" BSP   | 1/2" BSP | 4075-210-208D | 3/4" BSP - RH   | 1/2" BSP   | 92  | 156 | 189,50 | 20 | 60 | 18 | 1/4" BSPP | 154    | 60    | 44,50 | 105,50 | 50,50 | 27 | 66,50 | 12 |    |    |    | 3,10  |
| 20   | 3/4" BSP   | 1/2" BSP | 4075-210-209D | 3/4" BSP - LH   | 1/2" BSP   | 92  | 156 | 189,50 | 20 | 60 | 18 | 1/4" BSPP | 154    | 60    | 44,50 | 105,50 | 50,50 | 27 | 66,50 | 12 |    |    |    | 3,10  |
| 20   | 3/4" BSP   | 1/2" BSP | 4075-210-100D | Ø30             | 1/2" BSP   | 92  | 156 | 189,50 |    | 60 | 18 | 1/4" BSPP | 154    | 60    | 44,50 | 105,50 | 50,50 |    | 66,50 | 12 | 28 | 8  | 13 | 3,10  |
| 25   | 1" NPT     | 1/2" NPT | 4100-110-110D | 1" NPT - RH     | 3/4" NPT   | 98  | 169 | 206    | 22 | 64 | 25 | 3/8" BSPP | 164    | 67    | 48    | 115    | 53    | 32 | 70,50 | 12 |    |    |    | 3,90  |
| 25   | 1" NPT     | 1/2" NPT | 4100-110-111D | 1" NPT - LH     | 3/4" NPT   | 98  | 169 | 206    | 22 | 64 | 25 | 3/8" BSPP | 164    | 67    | 48    | 115    | 53    | 32 | 70,50 | 12 |    |    |    | 3,90  |
| 25   | 1" NPT     | 1/2" NPT | 4100-110-100D | Ø35             | 3/4" NPT   | 98  | 169 | 206    |    | 64 | 25 | 3/8" BSPP | 164    | 67    | 48    | 116    | 53    |    | 70,50 | 12 | 33 | 8  | 13 | 3,90  |
| 25   | 1" BSP     | 1/2" BSP | 4100-210-210D | 1" BSP - RH     | 3/4" BSP   | 98  | 169 | 206    | 22 | 64 | 25 | 3/8" BSPP | 164    | 67    | 48    | 115    | 53    | 32 | 70,50 | 12 |    |    |    | 3,90  |
| 25   | 1" BSP     | 1/2" BSP | 4100-210-211D | 1" BSP - LH     | 3/4" BSP   | 98  | 169 | 206    | 22 | 64 | 25 | 3/8" BSPP | 164    | 67    | 48    | 115    | 53    | 32 | 70,50 | 12 |    |    |    | 3,90  |
| 25   | 1" BSP     | 1/2" BSP | 4100-210-100D | Ø35             | 3/4" BSP   | 98  | 169 | 206    |    | 64 | 25 | 3/8" BSPP | 164    | 67    | 48    | 116    | 53    |    | 70,50 | 12 | 33 | 8  | 13 | 3,90  |
| 32   | 1 1/4" NPT | 3/4" NPT | 4125-110-112D | 1 1/4" NPT - RH | 1" NPT     | 110 | 192 | 229    | 25 | 73 | 32 | 1/2" BSPP | 187    | 76    | 59    | 129,50 | 58,50 | 41 | 80    | 15 |    |    |    | 5,55  |
| 32   | 1 1/4" NPT | 3/4" NPT | 4125-110-113D | 1 1/4" NPT - LH | 1" NPT     | 110 | 192 | 229    | 25 | 73 | 32 | 1/2" BSPP | 187    | 76    | 59    | 129,50 | 58,50 | 41 | 80    | 15 |    |    |    | 5,55  |
| 32   | 1 1/4" NPT | 3/4" NPT | 4125-110-100D | Ø45             | 1" NPT     | 110 | 192 | 229    |    | 73 | 32 | 1/2" BSPP | 187    | 76    | 59    | 133,50 | 58,50 |    | 80    | 15 | 43 | 8  | 13 | 5,55  |
| 32   | 1 1/4" BSP | 3/4" BSP | 4125-210-212D | 1 1/4" BSP - RH | 1" BSP     | 110 | 192 | 229    | 25 | 73 | 32 | 1/2" BSPP | 187    | 76    | 59    | 129,50 | 58,50 | 41 | 80    | 15 |    |    |    | 5,55  |
| 32   | 1 1/4" BSP | 3/4" BSP | 4125-210-213D | 1 1/4" BSP - LH | 1" BSP     | 110 | 192 | 229    | 25 | 73 | 32 | 1/2" BSPP | 187    | 76    | 59    | 129,50 | 58,50 | 41 | 80    | 15 |    |    |    | 5,55  |
| 32   | 1 1/4" BSP | 3/4" BSP | 4125-210-100D | Ø45             | 1" BSP     | 110 | 192 | 229    |    | 73 | 32 | 1/2" BSPP | 187    | 76    | 59    | 133,50 | 58,50 |    | 80    | 15 | 43 | 8  | 13 | 5,55  |
| 40   | 1 1/2" NPT | 3/4" NPT | 4150-110-114D | 1 1/2" NPT - RH | 1 1/4" NPT | 138 | 210 | 260,50 | 27 | 72 | 38 | 3/4" BSPP | 203,50 | 89    | 73    | 142    | 70,50 | 50 | 93    | 15 |    |    |    | 9,60  |
| 40   | 1 1/2" NPT | 3/4" NPT | 4150-110-115D | 1 1/2" NPT - LH | 1 1/4" NPT | 138 | 210 | 260,50 | 27 | 72 | 38 | 3/4" BSPP | 203,50 | 89    | 73    | 142    | 70,50 | 50 | 93    | 15 |    |    |    | 9,60  |
| 40   | 1 1/2" NPT | 3/4" NPT | 4150-110-100D | Ø50             | 1 1/4" NPT | 138 | 210 | 260,50 |    | 72 | 38 | 3/4" BSPP | 203,50 | 89    | 73    | 143    | 70,50 |    | 93    | 15 | 48 | 10 | 16 | 9,60  |
| 40   | 1 1/2" BSP | 3/4" BSP | 4150-210-214D | 1 1/2" BSP - RH | 1 1/4" BSP | 138 | 210 | 260,50 | 27 | 72 | 38 | 3/4" BSPP | 203,50 | 89    | 73    | 142    | 70,50 | 50 | 93    | 15 |    |    |    | 9,60  |
| 40   | 1 1/2" BSP | 3/4" BSP | 4150-210-215D | 1 1/2" BSP - LH | 1 1/4" BSP | 138 | 210 | 260,50 | 27 | 72 | 38 | 3/4" BSPP | 203,50 | 89    | 73    | 142    | 70,50 | 50 | 93    | 15 |    |    |    | 9,60  |
| 40   | 1 1/2" BSP | 3/4" BSP | 4150-210-100D | Ø50             | 1 1/4" BSP | 138 | 210 | 260,50 |    | 72 | 38 | 3/4" BSPP | 203,50 | 89    | 73    | 143    | 70,50 |    | 93    | 15 | 48 | 10 | 16 | 9,60  |
| 50   | 2" NPT     | 1" NPT   | 4200-110-116D | 2" NPT - RH     | 1 1/2" NPT | 158 | 242 | 242    | 30 | 81 | 49 | 1" BSPP   | 235    | 102   | 79    | 159    | 80    | 60 | 112   | 16 |    |    |    | 14,65 |

|    |        |        |               |             |            |     |     |     |    |    |    |         |     |     |    |        |    |    |     |    |    |    |    |       |
|----|--------|--------|---------------|-------------|------------|-----|-----|-----|----|----|----|---------|-----|-----|----|--------|----|----|-----|----|----|----|----|-------|
| 50 | 2" NPT | 1" NPT | 4200-110-117D | 2" NPT - LH | 1 1/2" NPT | 158 | 242 | 242 | 30 | 81 | 49 | 1" BSPP | 235 | 102 | 79 | 159    | 80 | 60 | 112 | 16 |    |    |    | 14,65 |
| 50 | 2" NPT | 1" NPT | 4200-110-100D | Ø65         | 1 1/2" NPT | 158 | 242 | 242 |    | 81 | 49 | 1" BSPP | 235 | 102 | 79 | 162,50 | 80 |    | 112 | 16 | 63 | 10 | 16 | 14,65 |
| 50 | 2" BSP | 1" BSP | 4200-210-216D | 2" BSP - RH | 1 1/2" BSP | 158 | 242 | 242 | 30 | 81 | 49 | 1" BSPP | 235 | 102 | 79 | 159    | 80 | 60 | 112 | 16 |    |    |    | 14,65 |
| 50 | 2" BSP | 1" BSP | 4200-210-217D | 2" BSP - LH | 1 1/2" BSP | 158 | 242 | 242 | 30 | 81 | 49 | 1" BSPP | 235 | 102 | 79 | 159    | 80 | 60 | 112 | 16 |    |    |    | 14,65 |
| 50 | 2" BSP | 1" BSP | 4200-210-100D | Ø65         | 1 1/2" BSP | 158 | 242 | 242 |    | 81 | 49 | 1" BSPP | 235 | 102 | 79 | 162,50 | 80 |    | 112 | 16 | 63 | 10 | 16 | 14,65 |





# 7000 SERIES ROTARY UNION

ENGINEERED FOR RELIABILITY.  
BUILT FOR PERFORMANCE.



**SMOOTH ROTATION**  
Stable and efficient  
rotational performance



**RELIABLE CONNECTION**  
Engineered for high durability  
and leak-free operation



**COMPACT & DURABLE**  
Space-saving design with  
robust construction



**QUALITY FIRST**  
Committed to superior  
quality in every product



**CUSTOMER FOCUSED**  
Understanding needs,  
delivering solutions



**ENGINEERING EXPERTISE**  
Advanced technology,  
precision engineering



**RELIABLE PERFORMANCE**  
Tested for reliability  
built to perform



**GLOBAL SOLUTIONS**  
Serving industries  
worldwide



Rotary Joint

# 7000 Series



Media Type

**Hydraulic Oil**



Max. Speed

**250 RPM**



Max. Pressure

**200 BAR**



Max. Temperature

**120 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**2 x 1/4" - 2 x 3/4"**



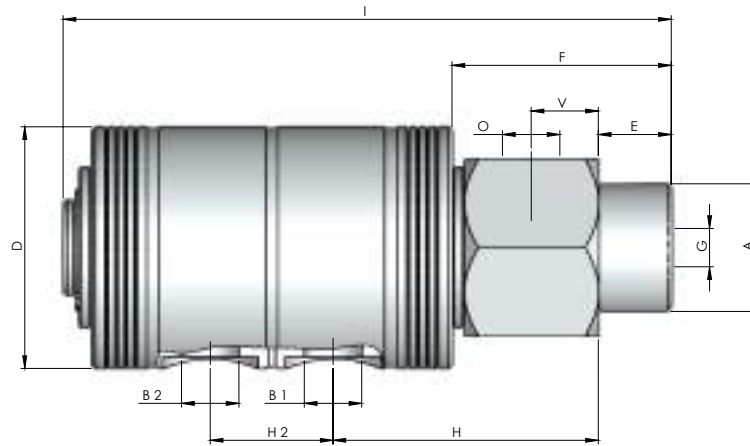
Rotary Joint for hydraulic oil

- ✓ Double flow design
- ✓ Balanced mechanical sealing
- ✓ Aluminium housing
- ✓ Teflon & viton sealing parts
- ✓ Special plated shaft
- ✓ Threaded connection (BSP, BSPP, NPT)



Do not operate without fluid.

## DIMENSIONS



| BOYUT | B1 - B2    | MODEL NO      | A               | DØ | I      | E  | F  | V     | GØ | OØ       | H     | H 2 | U  | KG   |
|-------|------------|---------------|-----------------|----|--------|----|----|-------|----|----------|-------|-----|----|------|
| 20    | 2X1/4" NPT | 7075-1225-108 | 3/4" NPT - RH   | 63 | 151,50 | 19 | 57 | 17,50 | 8  | 1/4" NPT | 66,50 | 30  | 46 | 1,45 |
| 20    | 2X1/4" BSP | 7075-1225-208 | 3/4" BSP - RH   | 63 | 151,50 | 19 | 57 | 17,50 | 8  | 1/4" BSP | 66,50 | 30  | 46 | 1,45 |
| 25    | 2X1/4" NPT | 7100-1225-110 | 1" NPT - RH     | 63 | 151,50 | 19 | 57 | 17,50 | 8  | 1/4" NPT | 66,50 | 30  | 46 | 1,45 |
| 25    | 2X1/4" BSP | 7100-1225-210 | 1" BSP - RH     | 63 | 151,50 | 19 | 57 | 17,50 | 8  | 1/4" BSP | 66,50 | 30  | 46 | 1,45 |
| 25    | 2X3/8" NPT | 7100-1237-110 | 1" NPT - RH     | 63 | 158,50 | 19 | 57 | 17,50 | 10 | 3/8" NPT | 66,50 | 30  | 46 | 1,50 |
| 25    | 2X3/8" BSP | 7100-1237-210 | 1" BSP - RH     | 63 | 158,50 | 19 | 57 | 17,50 | 10 | 3/8" BSP | 66,50 | 30  | 46 | 1,50 |
| 32    | 2X1/2" NPT | 7125-1250-112 | 1 1/4" NPT - RH | 73 | 193,50 | 28 | 67 | 17,50 | 15 | 1/2" NPT | 77    | 43  | 55 | 2,55 |
| 32    | 2X1/2" BSP | 7125-1250-212 | 1 1/4" BSP - RH | 73 | 193,50 | 28 | 67 | 17,50 | 15 | 1/2" BSP | 77    | 43  | 55 | 2,55 |
| 40    | 2X3/4" NPT | 7150-1275-114 | 1 1/2" NPT - RH | 83 | 215    | 28 | 66 | 17,50 | 20 | 3/4" NPT | 83    | 50  | 65 | 4,30 |
| 40    | 2X3/4" BSP | 7150-1275-214 | 1 1/2" BSP - RH | 83 | 215    | 28 | 66 | 17,50 | 20 | 3/4" BSP | 83    | 50  | 65 | 4,30 |







# ROTARY UNION SOLUTIONS

## FOR THE RUBBER INDUSTRY

Engineered for performance.  
Built for continuous operation.  
Trusted in tire & rubber, extrusion,  
mixing, calendering and curing applications.



TIRE & RUBBER

CALENDERING LINES

EXTRUSION & MIXING

VULCANIZATION

### OUR ROTARY UNION SOLUTIONS



#### HIGH PERFORMANCE

For high-pressure and  
high-temperature applications



#### RELIABLE OPERATION

Engineered for long-lasting  
and continuous performance



#### FLEXIBLE & LEAK-FREE

Smooth rotation and dependable  
sealing for continuous production



#### RELIABLE

Consistent performance  
in demanding rubber  
manufacturing  
environments.



#### DURABLE

Built with premium  
materials for extended  
service life.



#### EFFICIENT

Optimized flow control  
for better productivity  
and less downtime.



#### CONTINUOUS

Designed for uninterrupted  
operation in tire & rubber  
production lines.



CONNECT WITH US  
[WWW.ROTOTECH.COM.TR](http://WWW.ROTOTECH.COM.TR)



+90 507 374 17 03



[sales@rototech.com.tr](mailto:sales@rototech.com.tr)



[alikaya@rototech.com.tr](mailto:alikaya@rototech.com.tr)





# 7000 SERIES ROTARY UNION

ENGINEERED FOR RELIABILITY.  
BUILT FOR PERFORMANCE.



**SMOOTH ROTATION**  
Stable and efficient  
rotational performance



**RELIABLE CONNECTION**  
Engineered for high durability  
and leak-free operation



**COMPACT & DURABLE**  
Space-saving design with  
robust construction



#### QUALITY FIRST

Committed to superior  
quality in every product



#### CUSTOMER FOCUSED

Understanding needs,  
delivering solutions



#### ENGINEERING EXPERTISE

Advanced technology,  
precision engineering



#### RELIABLE PERFORMANCE

Tested for reliability  
built to perform



#### GLOBAL SOLUTIONS

Serving industries  
worldwide



Rotary Joint

# 7000TE Series



Media Type  
**Hydraulic Oil**



Max. Speed  
**250 RPM**



Max. Pressure  
**200 BAR**



Max. Temperature  
**120 °C**



Connection Type  
**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size  
**2 x 1/4" - 2 x 3/4"**



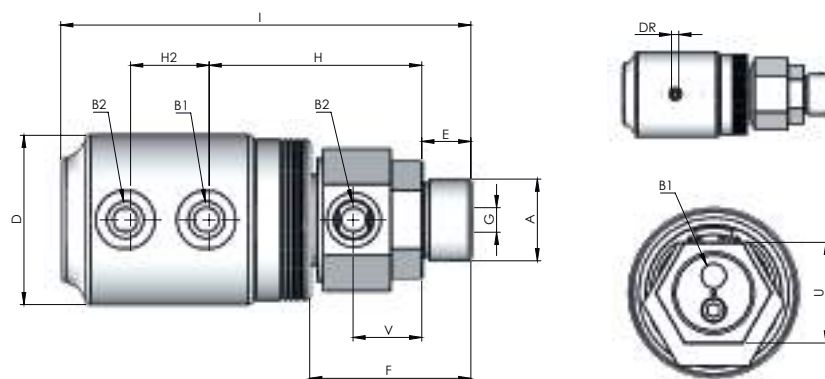
Rotary Joint for hydraulic oil

- ✓ Double flow design
- ✓ Balanced mechanical sealing
- ✓ Aluminium housing
- ✓ Teflon & viton sealing parts
- ✓ Special plated shaft
- ✓ Threaded connection (BSP, BSPP, NPT)



Do not operate without fluid.

## DIMENSIONS



| SIZE | B1 - B2      | MODEL NO         | A               | DØ | I     | E  | F     | V    | GØ | DR | H    | H2 | U  | KG   |
|------|--------------|------------------|-----------------|----|-------|----|-------|------|----|----|------|----|----|------|
| 20   | 2 X 1/4" BSP | 7075-0125-208 TE | 3/4" BSP - RH   | 69 | 163   | 20 | 63    | 25   | 8  | M6 | 84   | 32 | 41 | 1,72 |
| 25   | 2 X 1/4" BSP | 7100-0125-210 TE | 1" BSP - RH     | 69 | 163   | 20 | 63    | 25   | 8  | M6 | 84   | 32 | 41 | 1,77 |
| 25   | 2 X 3/8" BSP | 7100-0137-210 TE | 1" BSP - RH     | 69 | 167   | 20 | 65,5  | 28   | 10 | M6 | 86,5 | 32 | 41 | 1,95 |
| 32   | 2 X 1/2" BSP | 7125-0150-212 TE | 1 1/4" BSP - RH | 79 | 212,5 | 25 | 81,5  | 36,5 | 13 | M6 | 106  | 45 | 60 | 4,16 |
| 40   | 2 X 3/4" BSP | 7150-0175-214 TE | 1 1/2" BSP - RH | 99 | 245   | 30 | 104,5 | 46,5 | 17 | M6 | 127  | 49 | 67 | 6,76 |





# ROTOTECH ROTARY JOINTS

— 8000 SERIES —



**8000**  
S E R I E S



Rotary Joint

# 8000-T1 P Series



Media Type

**Water + General Purpose**



Max. Speed

**750 RPM**



Max. Pressure

**15 BAR**



Max. Temperature

**120 °C**



Connection Type

**BSPP, BSPT, NPT, FL, Metric**



Rotor Size

**2 1/2" DN65 - 4" DN100**



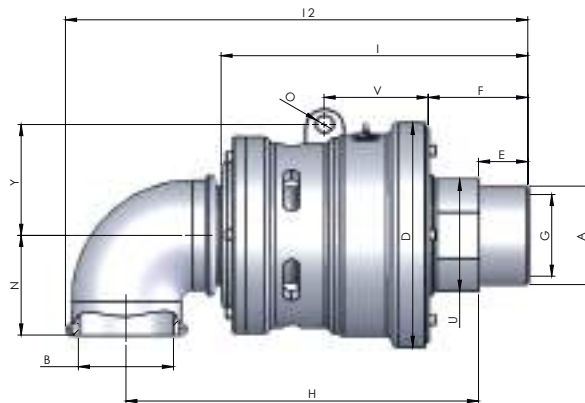
- ✓ Single and duoflow design
- ✓ Balanced mechanical sealing
- ✓ Stainless Steel housing
- ✓ Silicon carbide sealing components
- ✓ Stainless steel shaft and inner parts
- ✓ Threaded, Qr & flanged connection

Rotary Joint for water & general purpose



Do not operate without fluid.

## DIMENSIONS



| SIZE | B          | MODEL NO        | A               | D   | I   | I2  | E  | F  | GØ    | U   | H   | Y     | V  | OØ | N  | LØ  | S  | T  | KG    |
|------|------------|-----------------|-----------------|-----|-----|-----|----|----|-------|-----|-----|-------|----|----|----|-----|----|----|-------|
| 65   | 2 1/2" NPT | 8252-150-0013-P | 2 1/2" NPT - RH | 180 | 224 | 355 | 38 | 78 | 60,50 | 88  | 272 | 89,50 | 78 | 15 | 70 |     |    |    | 19,50 |
| 65   | 2 1/2" NPT | 8252-150-0014-P | 2 1/2" NPT - LH | 180 | 224 | 355 | 38 | 78 | 60,50 | 88  | 272 | 89,50 | 78 | 15 | 70 |     |    |    | 19,50 |
| 65   | 2 1/2" NPT | 8252-150-0060-P | Ø85             | 180 | 236 | 348 |    | 70 | 60,50 |     | 277 | 89,50 | 78 | 15 | 70 | 82  | 10 | 16 | 19,30 |
| 65   | 2 1/2" BSP | 8252-250-0023-P | 2 1/2" BSP - RH | 180 | 224 | 355 | 38 | 78 | 60,50 | 88  | 272 | 89,50 | 78 | 15 | 70 |     |    |    | 19,50 |
| 65   | 2 1/2" BSP | 8252-250-0024-P | 2 1/2" BSP - LH | 180 | 224 | 355 | 38 | 78 | 60,50 | 88  | 272 | 89,50 | 78 | 15 | 70 |     |    |    | 19,50 |
| 65   | 2 1/2" BSP | 8252-250-0060-P | Ø85             | 180 | 236 | 348 |    | 70 | 60,50 |     | 277 | 89,50 | 78 | 15 | 70 | 82  | 10 | 16 | 19,30 |
| 80   | 3" NPT     | 8302-160-0015-P | 3" NPT - RH     | 200 | 274 | 420 | 44 | 89 | 73    | 100 | 322 | 99    | 93 | 15 | 79 |     |    |    | 27,50 |
| 80   | 3" NPT     | 8302-160-0016-P | 3" NPT - LH     | 200 | 274 | 420 | 44 | 89 | 73    | 100 | 322 | 99    | 93 | 15 | 79 |     |    |    | 27,50 |
| 80   | 3" NPT     | 8302-160-0060-P | Ø105            | 200 | 274 | 419 |    | 89 | 73    |     | 333 | 99    | 93 | 15 | 79 | 102 | 12 | 20 | 27,50 |
| 80   | 3" BSP     | 8302-260-0025-P | 3" BSP - RH     | 200 | 274 | 420 | 44 | 89 | 73    | 100 | 322 | 99    | 93 | 15 | 79 |     |    |    | 27,50 |
| 80   | 3" BSP     | 8302-260-0026-P | 3" BSP - LH     | 200 | 274 | 420 | 44 | 89 | 73    | 100 | 322 | 99    | 93 | 15 | 79 |     |    |    | 27,50 |
| 80   | 3" BSP     | 8302-260-0060-P | Ø105            | 200 | 274 | 419 |    | 89 | 73    |     | 333 | 99    | 93 | 15 | 79 | 102 | 12 | 20 | 27,50 |

|     |        |                 |             |     |     |     |    |     |    |     |     |     |     |    |    |     |    |    |    |
|-----|--------|-----------------|-------------|-----|-----|-----|----|-----|----|-----|-----|-----|-----|----|----|-----|----|----|----|
| 100 | 4" NPT | 8402-170-0017-P | 4" NPT - RH | 256 | 338 | 499 | 45 | 115 | 96 | 122 | 387 | 126 | 113 | 15 | 97 |     |    |    | 53 |
| 100 | 4" NPT | 8402-170-0018-P | 4" NPT - LH | 256 | 338 | 499 | 45 | 115 | 96 | 122 | 387 | 126 | 113 | 15 | 97 |     |    |    | 53 |
| 100 | 4" NPT | 8402-170-0060-P | Ø114        | 256 | 338 | 499 |    | 115 | 96 |     | 366 | 126 | 113 | 15 | 97 | 110 | 30 | 36 | 53 |
| 100 | 4" BSP | 8402-270-0027-P | 4" BSP - RH | 256 | 338 | 499 | 45 | 115 | 96 | 122 | 387 | 126 | 113 | 15 | 97 |     |    |    | 53 |
| 100 | 4" BSP | 8402-270-0028-P | 4" BSP - LH | 256 | 338 | 499 | 45 | 115 | 96 | 122 | 387 | 126 | 113 | 15 | 97 |     |    |    | 53 |
| 100 | 4" BSP | 8402-270-0060-P | Ø114        | 256 | 338 | 499 |    | 115 | 96 |     | 366 | 126 | 113 | 15 | 97 | 110 | 30 | 36 | 53 |



Rotary Joint

# 8000-T1 Series



Media Type

**Water + General Purpose**



Max. Speed

**750 RPM**



Max. Pressure

**15 BAR**



Max. Temperature

**90 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**2 1/2" DN65 - 4"  
DN100**



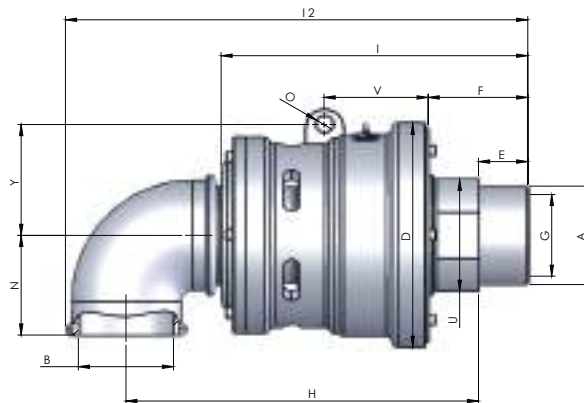
Rotary Joint for water & general purpose

- ✓ Single and duoflow design
- ✓ Balanced mechanical sealing
- ✓ Nodular casting housing
- ✓ Silicon carbide sealing components
- ✓ Stainless steel shaft and inner parts
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS



| SIZE | B          | MODEL NO      | A               | D   | I   | I2  | E  | F  | GØ    | U   | H   | Y     | V  | OØ | N  | LØ  | S  | T  | KG    |
|------|------------|---------------|-----------------|-----|-----|-----|----|----|-------|-----|-----|-------|----|----|----|-----|----|----|-------|
| 65   | 2 1/2" NPT | 8252-150-0013 | 2 1/2" NPT - RH | 180 | 224 | 355 | 38 | 78 | 60,50 | 88  | 272 | 89,50 | 78 | 15 | 70 |     |    |    | 18,50 |
| 65   | 2 1/2" NPT | 8252-150-0014 | 2 1/2" NPT - LH | 180 | 224 | 355 | 38 | 78 | 60,50 | 88  | 272 | 89,50 | 78 | 15 | 70 |     |    |    | 18,50 |
| 65   | 2 1/2" NPT | 8252-150-0060 | Ø85             | 180 | 236 | 348 |    | 70 | 60,50 |     | 277 | 89,50 | 78 | 15 | 70 | 82  | 10 | 16 | 18,30 |
| 65   | 2 1/2" BSP | 8252-250-0023 | 2 1/2" BSP - RH | 180 | 224 | 355 | 38 | 78 | 60,50 | 88  | 272 | 89,50 | 78 | 15 | 70 |     |    |    | 18,50 |
| 65   | 2 1/2" BSP | 8252-250-0024 | 2 1/2" BSP - LH | 180 | 224 | 355 | 38 | 78 | 60,50 | 88  | 272 | 89,50 | 78 | 15 | 70 |     |    |    | 18,50 |
| 65   | 2 1/2" BSP | 8252-250-0060 | Ø85             | 180 | 236 | 348 |    | 70 | 60,50 |     | 277 | 89,50 | 78 | 15 | 70 | 82  | 10 | 16 | 18,30 |
| 80   | 3" NPT     | 8302-160-0015 | 3" NPT - RH     | 200 | 274 | 420 | 44 | 89 | 73    | 100 | 322 | 99    | 93 | 15 | 79 |     |    |    | 26    |
| 80   | 3" NPT     | 8302-160-0016 | 3" NPT - LH     | 200 | 274 | 420 | 44 | 89 | 73    | 100 | 322 | 99    | 93 | 15 | 79 |     |    |    | 26    |
| 80   | 3" NPT     | 8302-160-0060 | Ø105            | 200 | 274 | 419 |    | 89 | 73    |     | 333 | 99    | 93 | 15 | 79 | 102 | 12 | 20 | 26    |
| 80   | 3" BSP     | 8302-260-0025 | 3" BSP - RH     | 200 | 274 | 420 | 44 | 89 | 73    | 100 | 322 | 99    | 93 | 15 | 79 |     |    |    | 26    |
| 80   | 3" BSP     | 8302-260-0026 | 3" BSP - LH     | 200 | 274 | 420 | 44 | 89 | 73    | 100 | 322 | 99    | 93 | 15 | 79 |     |    |    | 26    |
| 80   | 3" BSP     | 8302-260-0060 | Ø105            | 200 | 274 | 419 |    | 89 | 73    |     | 333 | 99    | 93 | 15 | 79 | 102 | 12 | 20 | 26    |

|     |        |               |             |     |     |     |    |     |    |     |     |     |     |    |    |     |    |    |    |
|-----|--------|---------------|-------------|-----|-----|-----|----|-----|----|-----|-----|-----|-----|----|----|-----|----|----|----|
| 100 | 4" NPT | 8402-170-0017 | 4" NPT - RH | 256 | 338 | 499 | 45 | 115 | 96 | 122 | 387 | 126 | 113 | 15 | 97 |     |    |    | 51 |
| 100 | 4" NPT | 8402-170-0018 | 4" NPT - LH | 256 | 338 | 499 | 45 | 115 | 96 | 122 | 387 | 126 | 113 | 15 | 97 |     |    |    | 51 |
| 100 | 4" NPT | 8402-170-0060 | Ø114        | 256 | 338 | 499 |    | 115 | 96 |     | 366 | 126 | 113 | 15 | 97 | 110 | 30 | 36 | 51 |
| 100 | 4" BSP | 8402-270-0027 | 4" BSP - RH | 256 | 338 | 499 | 45 | 115 | 96 | 122 | 387 | 126 | 113 | 15 | 97 |     |    |    | 51 |
| 100 | 4" BSP | 8402-270-0028 | 4" BSP - LH | 256 | 338 | 499 | 45 | 115 | 96 | 122 | 387 | 126 | 113 | 15 | 97 |     |    |    | 51 |
| 100 | 4" BSP | 8402-270-0060 | Ø114        | 256 | 338 | 499 |    | 115 | 96 |     | 366 | 126 | 113 | 15 | 97 | 110 | 30 | 36 | 51 |



Rotary Joint

# 8000-T2 P Series



Media Type

**Water + General Purpose**



Max. Speed

**750 RPM**



Max. Pressure

**15 BAR**



Max. Temperature

**120 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**2 1/2" DN65 - 4"  
DN100**



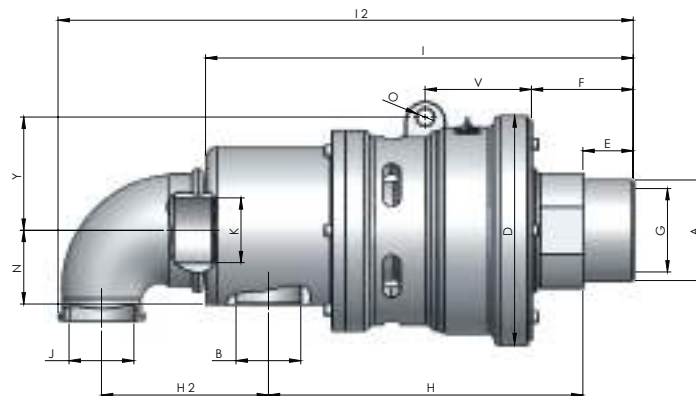
Rotary Joint for water & general purpose

- ✓ Single and duoflow design
- ✓ Balanced mechanical sealing
- ✓ Stainless Steel housing
- ✓ Silicon carbide sealing components
- ✓ Stainless steel shaft and inner parts
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS



| SIZE | B          | MODEL NO        | A               | J          | C          | K          | D   | I   | I 2 | E  | F   | GØ    | U   | H   | H 2 | Y     | V   | OØ | N     | LØ  | S  | T  | KG    |
|------|------------|-----------------|-----------------|------------|------------|------------|-----|-----|-----|----|-----|-------|-----|-----|-----|-------|-----|----|-------|-----|----|----|-------|
| 65   | 1 1/2" NPT | 8252-133-1313-P | 2 1/2" NPT - RH | 1 1/2" NPT | 2 1/2" NPT | 1 1/2" NPT | 180 | 334 | 431 | 38 | 78  | 60,50 | 88  | 248 | 112 | 89,50 | 78  | 15 | 55    |     |    |    | 23,50 |
| 65   | 1 1/2" NPT | 8252-133-1314-P | 2 1/2" NPT - LH | 1 1/2" NPT | 2 1/2" NPT | 1 1/2" NPT | 180 | 334 | 431 | 38 | 78  | 60,50 | 88  | 248 | 112 | 89,50 | 78  | 15 | 55    |     |    |    | 23,50 |
| 65   | 1 1/2" NPT | 8252-133-1360-P | Ø85             | 1 1/2" NPT | 2 1/2" NPT | 1 1/2" NPT | 180 | 326 | 423 |    | 70  | 60,50 |     | 252 | 112 | 89,50 | 78  | 15 | 55    | 82  | 10 | 16 | 23,50 |
| 65   | 1 1/2" BSP | 8252-233-2323-P | 2 1/2" BSP - RH | 1 1/2" BSP | 2 1/2" BSP | 1 1/2" BSP | 180 | 334 | 431 | 38 | 78  | 60,50 | 88  | 248 | 112 | 89,50 | 78  | 15 | 55    |     |    |    | 23,50 |
| 65   | 1 1/2" BSP | 8252-233-2324-P | 2 1/2" BSP - LH | 1 1/2" BSP | 2 1/2" BSP | 1 1/2" BSP | 180 | 334 | 431 | 38 | 78  | 60,50 | 88  | 248 | 112 | 89,50 | 78  | 15 | 55    |     |    |    | 23,50 |
| 65   | 1 1/2" BSP | 8252-233-2360-P | Ø85             | 1 1/2" BSP | 2 1/2" BSP | 1 1/2" BSP | 180 | 326 | 423 |    | 70  | 60,50 |     | 252 | 112 | 89,50 | 78  | 15 | 55    | 82  | 10 | 16 | 23,50 |
| 80   | 2" NPT     | 8302-144-1415-P | 3" NPT - RH     | 2" NPT     | 3" NPT     | 2" NPT     | 200 | 374 | 503 | 44 | 89  | 73    | 100 | 275 | 146 | 99    | 93  | 15 | 64,50 |     |    |    | 33,50 |
| 80   | 2" NPT     | 8302-144-1416-P | 3" NPT - LH     | 2" NPT     | 3" NPT     | 2" NPT     | 200 | 374 | 503 | 44 | 89  | 73    | 100 | 275 | 146 | 99    | 93  | 15 | 64,50 |     |    |    | 33,50 |
| 80   | 2" NPT     | 8302-144-1460-P | Ø105            | 2" NPT     | 3" NPT     | 2" NPT     | 200 | 374 | 503 |    | 89  | 73    |     | 287 | 146 | 99    | 93  | 15 | 64,50 | 102 | 12 | 20 | 33,50 |
| 80   | 2" BSP     | 8302-244-1425-P | 3" BSP - RH     | 2" BSP     | 3" BSP     | 2" BSP     | 200 | 374 | 503 | 44 | 89  | 73    | 100 | 275 | 146 | 99    | 93  | 15 | 64,50 |     |    |    | 33,50 |
| 80   | 2" BSP     | 8302-244-1426-P | 3" BSP - LH     | 2" BSP     | 3" BSP     | 2" BSP     | 200 | 374 | 503 | 44 | 89  | 73    | 100 | 275 | 146 | 99    | 93  | 15 | 64,50 |     |    |    | 33,50 |
| 80   | 2" BSP     | 8302-244-1460-P | Ø105            | 2" BSP     | 3" BSP     | 2" BSP     | 200 | 374 | 503 |    | 89  | 73    |     | 287 | 146 | 99    | 93  | 15 | 64,50 | 102 | 12 | 20 | 33,50 |
| 100  | 2 1/2" NPT | 8402-155-1517-P | 4" NPT - RH     | 2 1/2" NPT | 4" NPT     | 2 1/2" NPT | 256 | 482 | 625 | 45 | 115 | 96    | 122 | 363 | 177 | 126   | 113 | 15 | 77,50 |     |    |    | 69    |
| 100  | 2 1/2" NPT | 8402-155-1518-P | 4" NPT - LH     | 2 1/2" NPT | 4" NPT     | 2 1/2" NPT | 256 | 482 | 625 | 45 | 115 | 96    | 122 | 363 | 177 | 126   | 113 | 15 | 77,50 |     |    |    | 69    |
| 100  | 2 1/2" NPT | 8402-155-1560-P | Ø114            | 2 1/2" NPT | 4" NPT     | 2 1/2" NPT | 256 | 482 | 625 |    | 115 | 96    |     | 342 | 177 | 126   | 113 | 15 | 77,50 | 110 | 30 | 36 | 69    |
| 100  | 2 1/2" BSP | 8402-255-1527-P | 4" BSP - RH     | 2 1/2" BSP | 4" BSP     | 2 1/2" BSP | 256 | 482 | 625 | 45 | 115 | 96    | 122 | 363 | 177 | 126   | 113 | 15 | 77,50 |     |    |    | 69    |
| 100  | 2 1/2" BSP | 8402-255-1528-P | 4" BSP - LH     | 2 1/2" BSP | 4" BSP     | 2 1/2" BSP | 256 | 482 | 625 | 45 | 115 | 96    | 122 | 363 | 177 | 126   | 113 | 15 | 77,50 |     |    |    | 69    |
| 100  | 2 1/2" BSP | 8402-255-1560-P | Ø114            | 2 1/2" BSP | 4" BSP     | 2 1/2" BSP | 256 | 482 | 625 |    | 115 | 96    |     | 342 | 177 | 126   | 113 | 15 | 77,50 | 110 | 30 | 36 | 69    |



Rotary Joint

# 8000-T2 Series



Media Type

**Water + General Purpose**



Max. Speed

**750 RPM**



Max. Pressure

**15 BAR**



Max. Temperature

**90 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**2 1/2" DN65 - 4"  
DN100**



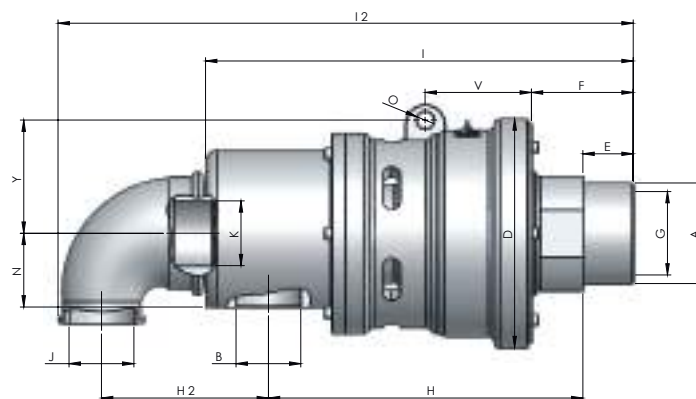
Rotary Joint for water & general purpose

- ✓ Single and duoflow design
- ✓ Balanced mechanical sealing
- ✓ Nodular casting housing
- ✓ Silicon carbide sealing components
- ✓ Stainless steel shaft and inner parts
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS



| SIZE | B          | MODEL NO      | A               | J          | C          | K          | D   | I   | I 2 | E  | F   | GØ    | U   | H   | H 2 | Y     | V   | OØ | N     | LØ  | S  | T  | KG    |
|------|------------|---------------|-----------------|------------|------------|------------|-----|-----|-----|----|-----|-------|-----|-----|-----|-------|-----|----|-------|-----|----|----|-------|
| 65   | 1 1/2" NPT | 8252-133-1313 | 2 1/2" NPT - RH | 1 1/2" NPT | 2 1/2" NPT | 1 1/2" NPT | 180 | 334 | 431 | 38 | 78  | 60,50 | 88  | 248 | 112 | 89,50 | 78  | 15 | 55    |     |    |    | 22    |
| 65   | 1 1/2" NPT | 8252-133-1314 | 2 1/2" NPT - LH | 1 1/2" NPT | 2 1/2" NPT | 1 1/2" NPT | 180 | 334 | 431 | 38 | 78  | 60,50 | 88  | 248 | 112 | 89,50 | 78  | 15 | 55    |     |    |    | 22    |
| 65   | 1 1/2" NPT | 8252-133-1360 | Ø85             | 1 1/2" NPT | 2 1/2" NPT | 1 1/2" NPT | 180 | 326 | 423 |    | 70  | 60,50 |     | 252 | 112 | 89,50 | 78  | 15 | 55    | 82  | 10 | 16 | 22    |
| 65   | 1 1/2" BSP | 8252-233-2323 | 2 1/2" BSP - RH | 1 1/2" BSP | 2 1/2" BSP | 1 1/2" BSP | 180 | 334 | 431 | 38 | 78  | 60,50 | 88  | 248 | 112 | 89,50 | 78  | 15 | 55    |     |    |    | 22    |
| 65   | 1 1/2" BSP | 8252-233-2324 | 2 1/2" BSP - LH | 1 1/2" BSP | 2 1/2" BSP | 1 1/2" BSP | 180 | 334 | 431 | 38 | 78  | 60,50 | 88  | 248 | 112 | 89,50 | 78  | 15 | 55    |     |    |    | 22    |
| 65   | 1 1/2" BSP | 8252-233-2360 | Ø85             | 1 1/2" BSP | 2 1/2" BSP | 1 1/2" BSP | 180 | 326 | 423 |    | 70  | 60,50 |     | 252 | 112 | 89,50 | 78  | 15 | 55    | 82  | 10 | 16 | 22    |
| 80   | 2" NPT     | 8302-144-1415 | 3" NPT - RH     | 2" NPT     | 3" NPT     | 2" NPT     | 200 | 374 | 503 | 44 | 89  | 73    | 100 | 275 | 146 | 99    | 93  | 15 | 64,50 |     |    |    | 32,20 |
| 80   | 2" NPT     | 8302-144-1416 | 3" NPT - LH     | 2" NPT     | 3" NPT     | 2" NPT     | 200 | 374 | 503 | 44 | 89  | 73    | 100 | 275 | 146 | 99    | 93  | 15 | 64,50 |     |    |    | 32,20 |
| 80   | 2" NPT     | 8302-144-1460 | Ø105            | 2" NPT     | 3" NPT     | 2" NPT     | 200 | 374 | 503 |    | 89  | 73    |     | 287 | 146 | 99    | 93  | 15 | 64,50 | 102 | 12 | 20 | 32,20 |
| 80   | 2" BSP     | 8302-244-1425 | 3" BSP - RH     | 2" BSP     | 3" BSP     | 2" BSP     | 200 | 374 | 503 | 44 | 89  | 73    | 100 | 275 | 146 | 99    | 93  | 15 | 64,50 |     |    |    | 32,20 |
| 80   | 2" BSP     | 8302-244-1426 | 3" BSP - LH     | 2" BSP     | 3" BSP     | 2" BSP     | 200 | 374 | 503 | 44 | 89  | 73    | 100 | 275 | 146 | 99    | 93  | 15 | 64,50 |     |    |    | 32,20 |
| 80   | 2" BSP     | 8302-244-1460 | Ø105            | 2" BSP     | 3" BSP     | 2" BSP     | 200 | 374 | 503 |    | 89  | 73    |     | 287 | 146 | 99    | 93  | 15 | 64,50 | 102 | 12 | 20 | 32,20 |
| 100  | 2 1/2" NPT | 8402-155-1517 | 4" NPT - RH     | 2 1/2" NPT | 4" NPT     | 2 1/2" NPT | 256 | 482 | 625 | 45 | 115 | 96    | 122 | 363 | 177 | 126   | 113 | 15 | 77,50 |     |    |    | 67,20 |
| 100  | 2 1/2" NPT | 8402-155-1518 | 4" NPT - LH     | 2 1/2" NPT | 4" NPT     | 2 1/2" NPT | 256 | 482 | 625 | 45 | 115 | 96    | 122 | 363 | 177 | 126   | 113 | 15 | 77,50 |     |    |    | 67,20 |
| 100  | 2 1/2" NPT | 8402-155-1560 | Ø114            | 2 1/2" NPT | 4" NPT     | 2 1/2" NPT | 256 | 482 | 625 |    | 115 | 96    |     | 342 | 177 | 126   | 113 | 15 | 77,50 | 110 | 30 | 36 | 67,20 |
| 100  | 2 1/2" BSP | 8402-255-1527 | 4" BSP - RH     | 2 1/2" BSP | 4" BSP     | 2 1/2" BSP | 256 | 482 | 625 | 45 | 115 | 96    | 122 | 363 | 177 | 126   | 113 | 15 | 77,50 |     |    |    | 67,20 |
| 100  | 2 1/2" BSP | 8402-255-1528 | 4" BSP - LH     | 2 1/2" BSP | 4" BSP     | 2 1/2" BSP | 256 | 482 | 625 | 45 | 115 | 96    | 122 | 363 | 177 | 126   | 113 | 15 | 77,50 |     |    |    | 67,20 |
| 100  | 2 1/2" BSP | 8402-255-1560 | Ø114            | 2 1/2" BSP | 4" BSP     | 2 1/2" BSP | 256 | 482 | 625 |    | 115 | 96    |     | 342 | 177 | 126   | 113 | 15 | 77,50 | 110 | 30 | 36 | 67,20 |



Rotary Joint

# 8000FLY Series

Media Type  
**Hot Water**

Max. Speed  
**1,200 RPM**

Max. Pressure  
**16 BAR**

Max. Temperature  
**180 °C**

Connection Type  
**Flange**

Rotor Size  
**1 1/2" DN40 -  
5" DN125**

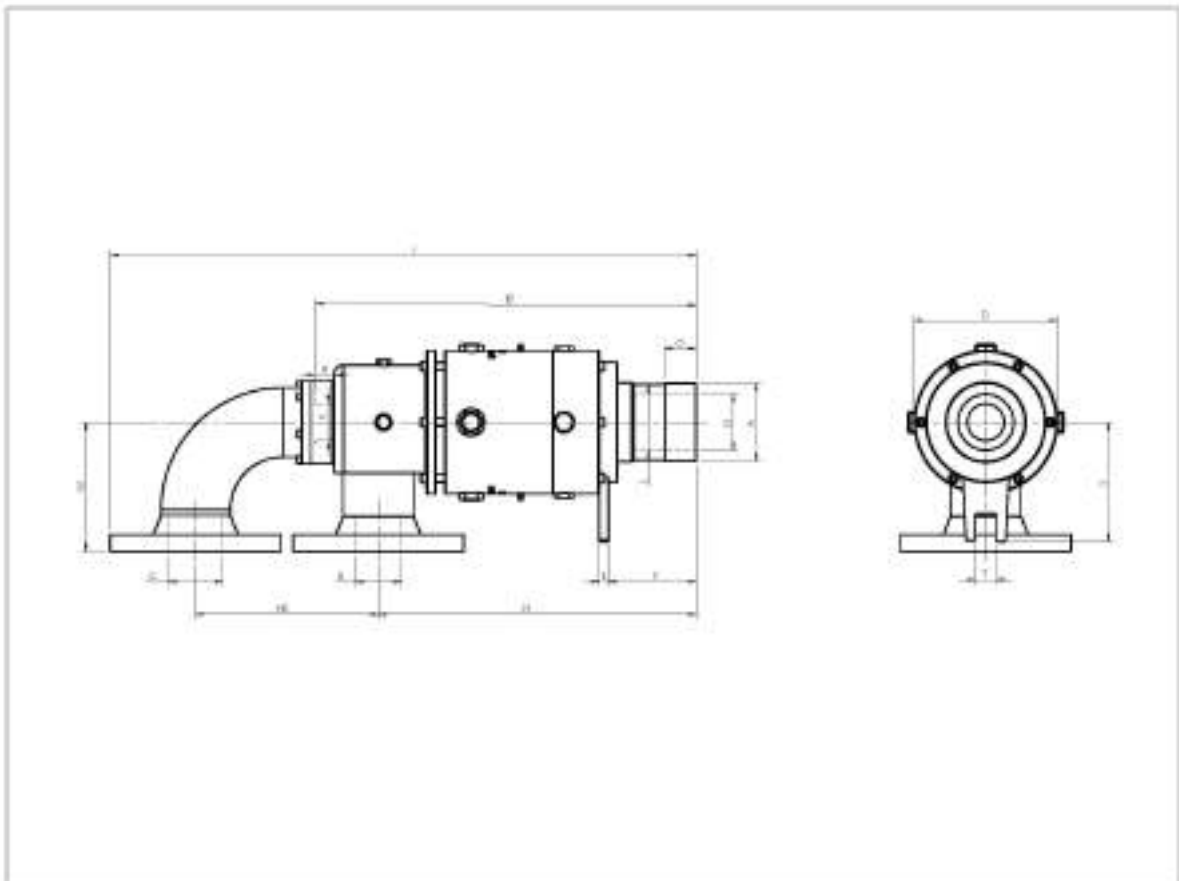


Rotary Joint for Hot Water

- ✓ Single & duoflow design
- ✓ Nodular casting housing
- ✓ Stainless steel shaft and inner components
- ✓ Carbon Silisium sealing parts
- ✓ Stationary or rotating siphon system
- ✓ Qr & flanged connection

⚠ Do not operate without fluid.

## DIMENSIONS







# ROTARY UNION SOLUTIONS

## FOR RUBBER & TIRE PRODUCTION

Rototech rotary unions are engineered to deliver reliable and continuous transfer of steam, thermal oil, water, and air in rubber & tire production lines. Our stainless steel solutions ensure high performance, long service life, and maximum production efficiency even under the most demanding operating conditions.



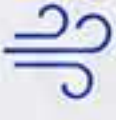
STEAM



WATER



THERMAL OIL



AIR



CONTINUOUS  
ROTATION

### DESIGNED FOR TIRE & RUBBER MACHINERY



Mixing Mills



Calendering Lines



Extrusion Lines



Tire Building Machines



Curing Presses



Cooling & Heating Rollers



HIGH PERFORMANCE  
& DURABILITY



STAINLESS STEEL  
CONSTRUCTION



MAXIMUM EFFICIENCY  
MINIMUM DOWNTIME



BUILT FOR  
RUBBER & TIRE INDUSTRY



[www.rototech.com.tr](http://www.rototech.com.tr)



[sales@rototech.com.tr](mailto:sales@rototech.com.tr)  
[alikaya@rototech.com.tr](mailto:alikaya@rototech.com.tr)



+90 507 374 17 03







# ROTOTECH

# ROTARY JOINTS

— 9000R SERIES —

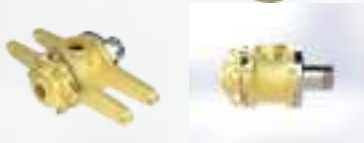
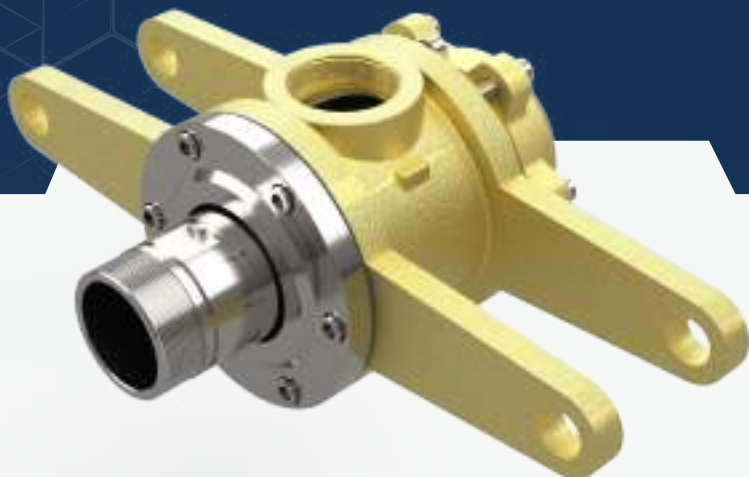


**9000R**  
S E R I E S



Rotary Joint

# 9000R-T1 Series



Rotary Joint for steam



Media Type

**Steam**



Max. Speed

**200 - 100 RPM**



Max. Pressure

**30 - 20 BAR**



Max. Temperature

**260 - 280 °C**



Connection Type

**BSPT, SSR, FL**



Rotor Size

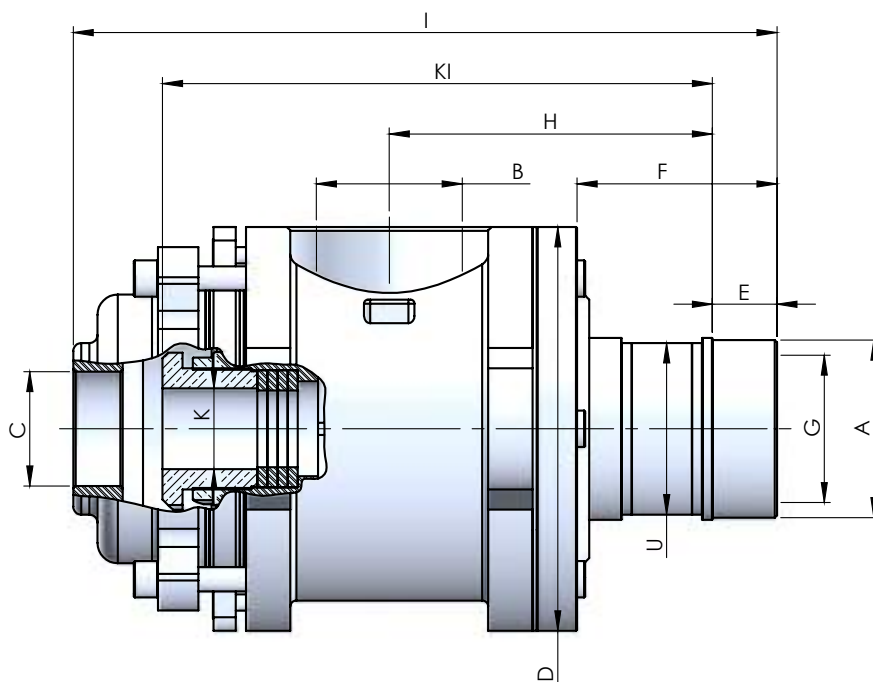
**3/4" DN20 - 5" DN125**

- ✓ RSP System
- ✓ Duoflow design
- ✓ Nodular casting housing
- ✓ Stainless steel shaft and inner components
- ✓ Carbon Graphite sealing parts
- ✓ Stationary or rotating siphon system
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS



| SIZE | B          | MODEL NO            | A               | C             | DØ  | I      | E  | F  | KØ       | KI     | GØ | H      | H2 | W         | N | OØ | U  | L  | S  | T  | KG   |
|------|------------|---------------------|-----------------|---------------|-----|--------|----|----|----------|--------|----|--------|----|-----------|---|----|----|----|----|----|------|
| 20   | 3/4" NPT   | R9075-1107-0504-108 | 3/4" NPT - RH   | 1/2" NPT      | 87  | 159,50 | 20 | 45 | 6 -10    | 139    | 18 | 67     |    | 108       |   | 13 | 32 |    |    |    | 3    |
| 20   | 3/4" NPT   | R9075-1107-0504-109 | 3/4" NPT - LH   | 1/2" NPT      | 87  | 159,50 | 20 | 45 | 6 -10    | 139    | 18 | 67     |    | 108       |   | 13 | 32 |    |    |    | 3    |
| 20   | 3/4" NPT   | R9075-1107-0504-70  | Ø30             | 1/2" NPT      | 87  | 159,50 |    | 45 | 6 -10    | 139    | 18 | 67     |    | 108       |   | 13 |    | 28 | 8  | 13 | 3    |
| 20   | 3/4" BSP   | R9075-1207-0504-208 | 3/4" BSP - RH   | 1/2" BSP      | 87  | 159,50 | 20 | 45 | 6 -10    | 139    | 18 | 67     |    | 108       |   | 13 | 32 |    |    |    | 3    |
| 20   | 3/4" BSP   | R9075-1207-0504-209 | 3/4" BSP - LH   | 1/2" BSP      | 87  | 159,50 | 20 | 45 | 6 -10    | 139    | 18 | 67     |    | 108       |   | 13 | 32 |    |    |    | 3    |
| 20   | 3/4" BSP   | R9075-1207-0504-70  | Ø30             | 1/2" BSP      | 87  | 159,50 |    | 45 | 6 -10    | 139    | 18 | 67     |    | 108       |   | 13 |    | 28 | 8  | 13 | 3    |
| 25   | 3/4" NPT   | R9100-1107-0303-110 | 1" NPT - RH     | 3/4" NPT      | 108 | 206,50 | 22 | 79 | 8. - 10  | 179,60 | 25 | 101,50 |    | 108 - 248 |   | 13 | 32 |    |    |    | 5,60 |
| 25   | 3/4" NPT   | R9100-1107-0303-111 | 1" NPT - LH     | 3/4" NPT      | 108 | 206,50 | 22 | 79 | 8. - 10  | 179,60 | 25 | 101,50 |    | 108 - 248 |   | 13 | 32 |    |    |    | 5,60 |
| 25   | 3/4" NPT   | R9100-1107-0303-70  | Ø35             | 3/4" NPT      | 108 | 206,50 |    | 79 | 8. - 10  | 179,60 | 25 | 102,50 |    | 108 - 248 |   | 13 |    | 33 | 8  | 13 | 5,60 |
| 25   | 3/4" BSP   | R9100-1207-0303-210 | 1" BSP - RH     | 3/4" BSP      | 108 | 206,50 | 22 | 79 | 8. - 10  | 179,60 | 25 | 101,50 |    | 108 - 248 |   | 13 | 32 |    |    |    | 5,60 |
| 25   | 3/4" BSP   | R9100-1207-0303-211 | 1" BSP - LH     | 3/4" BSP      | 108 | 206,50 | 22 | 79 | 8. - 10  | 179,60 | 25 | 101,50 |    | 108 - 248 |   | 13 | 32 |    |    |    | 5,60 |
| 25   | 3/4" BSP   | R9100-1207-0303-70  | Ø35             | 3/4" BSP      | 108 | 206,50 |    | 79 | 8. - 10  | 179,60 | 25 | 102,50 |    | 108 - 248 |   | 13 |    | 33 | 8  | 13 | 5,60 |
| 32   | 1" NPT     | R9120-1110-1005-112 | 1 1/4" NPT - RH | 1" NPT        | 116 | 208,00 | 25 | 65 | 10. - 15 | 181    | 32 | 88,50  |    | 164 - 276 |   | 13 | 41 |    |    |    | 6,75 |
| 32   | 1" NPT     | R9120-1110-1005-113 | 1 1/4" NPT - LH | 1" NPT        | 116 | 208,00 | 25 | 65 | 10. - 15 | 181    | 32 | 88,50  |    | 165 - 276 |   | 13 | 41 |    |    |    | 6,75 |
| 32   | 1" NPT     | R9120-1110-1005-70  | Ø47,50          | 1" NPT        | 116 | 208,00 |    | 65 | 10. - 15 | 181    | 32 | 88,50  |    | 166 - 276 |   | 13 |    | 45 | 13 | 23 | 6,75 |
| 32   | 1" BSP     | R9120-1210-1005-112 | 1 1/4" BSP - RH | 1" BSP        | 116 | 208,00 | 25 | 65 | 10. - 15 | 181    | 32 | 88,50  |    | 167 - 276 |   | 13 | 41 |    |    |    | 6,75 |
| 32   | 1" BSP     | R9120-1210-1005-113 | 1 1/4" BSP - LH | 1" BSP        | 116 | 208,00 | 25 | 65 | 10. - 15 | 181    | 32 | 88,50  |    | 168 - 276 |   | 13 | 41 |    |    |    | 6,75 |
| 32   | 1" BSP     | R9120-1210-1005-70  | Ø47,50          | 1" BSP        | 116 | 208,00 |    | 65 | 10. - 15 | 181    | 32 | 88,50  |    | 169 - 276 |   | 13 |    | 45 | 13 | 23 | 6,75 |
| 40   | 1 1/4" NPT | R9150-1112-1007-114 | 1 1/2" NPT - RH | 3/4" - 1" NPT | 152 | 241    | 27 | 75 | 15 - 20  | 208    | 40 | 105,50 |    | 191 - 343 |   | 21 | 50 |    |    |    | 13   |
| 40   | 1 1/4" NPT | R9150-1112-1007-115 | 1 1/2" NPT - LH | 3/4" - 1" NPT | 152 | 241    | 27 | 75 | 15 - 20  | 208    | 40 | 105,50 |    | 191 - 343 |   | 21 | 50 |    |    |    | 13   |
| 40   | 1 1/4" NPT | R9150-1112-1007-70  | Ø50             | 3/4" - 1" NPT | 152 | 241    |    | 75 | 15 - 20  | 208    | 40 | 106,50 |    | 191 - 343 |   | 21 |    | 18 | 10 | 16 | 13   |
| 40   | 1 1/4" BSP | R9150-1212-1007-214 | 1 1/2" BSP - RH | 3/4" - 1" BSP | 152 | 241    | 27 | 75 | 15 - 20  | 208    | 40 | 105,50 |    | 191 - 343 |   | 21 | 50 |    |    |    | 13   |
| 40   | 1 1/4" BSP | R9150-1212-1007-215 | 1 1/2" BSP - LH | 3/4" - 1" BSP | 152 | 241    | 27 | 75 | 15 - 20  | 208    | 40 | 105,50 |    | 191 - 343 |   | 21 | 50 |    |    |    | 13   |



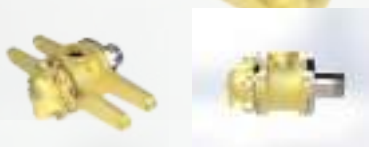
|    |            |                     |                 |                     |     |         |    |     |         |        |       |        |  |           |  |    |     |     |    |    |       |
|----|------------|---------------------|-----------------|---------------------|-----|---------|----|-----|---------|--------|-------|--------|--|-----------|--|----|-----|-----|----|----|-------|
| 40 | 1 1/4" BSP | R9150-1212-1007-70  | Ø50             | 3/4" - 1" BSP       | 152 | 241     |    | 75  | 15 - 20 | 208    | 40    | 106,50 |  | 191 - 343 |  | 21 |     | 48  | 10 | 16 | 13    |
| 50 | 1 1/2" NPT | R9200-1115-1210-116 | 2" NPT - RH     | 3/4" - 1 1/4" NPT   | 162 | 269,00  | 30 | 75  | 15 - 25 | 232,50 | 49    | 112    |  | 116 - 390 |  | 21 | 60  |     |    |    | 17,65 |
| 50 | 1 1/2" NPT | R9200-1115-1210-117 | 2" NPT - LH     | 3/4" - 1 1/4" NPT   | 162 | 269,00  | 30 | 75  | 15 - 25 | 232,50 | 49    | 112    |  | 116 - 390 |  | 21 | 60  |     |    |    | 17,65 |
| 50 | 1 1/2" NPT | R9200-1115-1210-70  | Ø65             | 3/4" - 1 1/4" NPT   | 162 | 269,00  |    | 75  | 15 - 25 | 232,50 | 49    | 112    |  | 116 - 390 |  | 21 |     | 65  | 10 | 16 | 17,65 |
| 50 | 1 1/2" BSP | R9200-1215-1210-216 | 2" BSP - RH     | 3/4" - 1 1/4" BSP   | 162 | 269,00  | 30 | 75  | 15 - 25 | 232,50 | 49    | 112    |  | 116 - 390 |  | 21 | 60  |     |    |    | 17,65 |
| 50 | 1 1/2" BSP | R9200-1215-1210-217 | 2" BSP - LH     | 3/4" - 1 1/4" BSP   | 162 | 269,00  | 30 | 75  | 15 - 25 | 232,50 | 49    | 112    |  | 116 - 390 |  | 21 | 60  |     |    |    | 17,65 |
| 50 | 1 1/2" BSP | R9200-1215-1210-70  | Ø65             | 3/4" - 1 1/4" BSP   | 162 | 269,00  |    | 75  | 15 - 25 | 232,50 | 49    | 112    |  | 116 - 390 |  | 21 |     | 65  | 10 | 16 | 17,65 |
| 65 | 2" NPT     | R9250-1125-1520-118 | 2 1/2" NPT - RH | 1 1/4" - 1 1/2" NPT | 185 | 310,50  | 38 | 95  | 25 - 40 | 266,50 | 60,50 | 131    |  | 216 - 360 |  | 27 | 75  |     |    |    | 25,25 |
| 65 | 2" NPT     | R9250-1125-1520-119 | 2 1/2" NPT - LH | 1 1/4" - 1 1/2" NPT | 185 | 310,50  | 38 | 95  | 25 - 40 | 266,50 | 60,50 | 131    |  | 216 - 360 |  | 27 | 75  |     |    |    | 25,25 |
| 65 | 2" NPT     | R9250-1125-1520-70  | Ø76             | 1 1/4" - 1 1/2" NPT | 185 | 310,50  |    | 95  | 25 - 40 | 266,50 | 60,50 | 131    |  | 216 - 360 |  | 27 |     | 72  | 16 | 28 | 25,25 |
| 65 | 2" BSP     | R9250-1225-1520-218 | 2 1/2" BSP - RH | 1 1/4" - 1 1/2" BSP | 185 | 310,50  | 38 | 95  | 25 - 40 | 266,50 | 60,50 | 131    |  | 216 - 360 |  | 27 | 75  |     |    |    | 25,25 |
| 65 | 2" BSP     | R9250-1225-1520-219 | 2 1/2" BSP - LH | 1 1/4" - 1 1/2" BSP | 185 | 310,50  | 38 | 95  | 25 - 40 | 266,50 | 60,50 | 131    |  | 216 - 360 |  | 27 | 75  |     |    |    | 25,25 |
| 65 | 2" BSP     | R9250-1225-1520-70  | Ø76             | 1 1/4" - 1 1/2" BSP | 185 | 310,50  |    | 95  | 25 - 40 | 266,50 | 60,50 | 131    |  | 216 - 360 |  | 27 |     | 72  | 16 | 28 | 25,25 |
| 80 | 2" NPT     | R9300-1115-1210-120 | 3" NPT - RH     | 1" - 2" NPT         | 200 | 348,,50 | 32 | 99  | 15 - 40 | 272    | 73    | 160    |  | 230 - 495 |  | 33 | 85  |     |    |    | 36,05 |
| 80 | 2" NPT     | R9300-1115-1210-121 | 3" NPT - LH     | 1" - 2" NPT         | 200 | 348,,50 | 32 | 99  | 15 - 40 | 272    | 73    | 160    |  | 230 - 495 |  | 33 | 85  |     |    |    | 36,05 |
| 80 | 2" NPT     | R9300-1115-1210-70  | Ø87,30          | 1" - 2" NPT         | 200 | 348,,50 |    | 99  | 15 - 40 | 272    | 73    | 160    |  | 230 - 495 |  | 33 |     | 84  | 22 | 31 | 36,05 |
| 80 | 2" BSP     | R9300-1215-1210-220 | 3" BSP - RH     | 1" - 2" BSP         | 200 | 348,,50 | 32 | 99  | 15 - 40 | 272    | 73    | 160    |  | 230 - 495 |  | 33 | 85  |     |    |    | 36,05 |
| 80 | 2" BSP     | R9300-1215-1210-221 | 3" BSP - LH     | 1" - 2" BSP         | 200 | 348,,50 | 32 | 99  | 15 - 40 | 272    | 73    | 160    |  | 230 - 495 |  | 33 | 85  |     |    |    | 36,05 |
| 80 | 2" BSP     | R9300-1215-1210-70  | Ø87,30          | 1" - 2" BSP         | 200 | 348,,50 |    | 99  | 15 - 40 | 272    | 73    | 160    |  | 230 - 495 |  | 33 |     | 84  | 22 | 31 | 36,05 |
| 85 | 3" NPT     | R9350-1130-2015-122 | 3 1/2" NPT - RH | 1 1/4" - 1 1/2" NPT | 247 | 377     | 35 | 100 | 20 - 40 | 326    | 85    | 170    |  | 150 - 250 |  | 33 | 100 |     |    |    | 47,80 |
| 85 | 3" NPT     | R9350-1130-2015-123 | 3 1/2" NPT - LH | 1 1/4" - 1 1/2" NPT | 247 | 377     | 35 | 100 | 20 - 40 | 326    | 85    | 170    |  | 150 - 250 |  | 33 | 100 |     |    |    | 47,80 |
| 85 | 3" NPT     | R9350-1130-2015-70  | Ø105            | 1 1/4" - 1 1/2" NPT | 247 | 377     |    | 100 | 20 - 40 | 326    | 85    | 170    |  | 150 - 250 |  | 33 |     | 102 | 12 | 20 | 47,80 |

|     |        |                     |                 |                     |     |     |    |     |            |     |     |        |  |           |  |    |     |     |    |    |        |
|-----|--------|---------------------|-----------------|---------------------|-----|-----|----|-----|------------|-----|-----|--------|--|-----------|--|----|-----|-----|----|----|--------|
| 85  | 3" BSP | R9350-1230-2015-222 | 3 1/2" BSP - RH | 1 1/4" - 1 1/2" BSP | 247 | 377 | 35 | 100 | 20 - 40    | 326 | 85  | 170    |  | 150 - 250 |  | 33 | 100 |     |    |    | 47,80  |
| 85  | 3" BSP | R9350-1230-2015-223 | 3 1/2" BSP - LH | 1 1/4" - 1 1/2" BSP | 247 | 377 | 35 | 100 | 20 - 40    | 326 | 85  | 170    |  | 150 - 250 |  | 33 | 100 |     |    |    | 47,80  |
| 85  | 3" BSP | R9350-1230-2015-70  | Ø105            | 1 1/4" - 1 1/2" BSP | 247 | 377 |    | 100 | 20 - 40    | 326 | 85  | 170    |  | 150 - 250 |  | 33 |     | 102 | 12 | 20 | 47,80  |
| 100 | 3" NPT | R9400-1130-2520-124 | 4" NPT - RH     | 1 1/4" - 2" NPT     | 257 | 503 | 40 | 161 | 38 - 50    | 413 | 98  | 231    |  | 235 - 375 |  | 41 | 115 |     |    |    | 64,80  |
| 100 | 3" NPT | R9400-1130-2520-125 | 4" NPT - LH     | 1 1/4" - 2" NPT     | 257 | 503 | 40 | 161 | 38 - 50    | 413 | 98  | 231    |  | 236 - 375 |  | 41 | 115 |     |    |    | 64,80  |
| 100 | 3" NPT | R9400-1130-2520-70  | Ø114            | 1 1/4" - 2" NPT     | 257 | 503 |    | 161 | 38 - 50    | 413 | 98  | 231    |  | 237 - 375 |  | 41 |     | 110 | 12 | 22 | 63,40  |
| 100 | 3" BSP | R9400-1230-2520-227 | 4" BSP - RH     | 1 1/4" - 2" BSP     | 257 | 503 | 40 | 161 | 38 - 50    | 413 | 98  | 231    |  | 238 - 375 |  | 41 | 115 |     |    |    | 64,80  |
| 100 | 3" BSP | R9400-1230-2520-228 | 4" BSP - LH     | 1 1/4" - 2" BSP     | 257 | 503 | 40 | 161 | 38 - 50    | 413 | 98  | 231    |  | 239 - 375 |  | 41 | 115 |     |    |    | 64,80  |
| 100 | 3" BSP | R9400-1230-2520-70  | Ø114            | 1 1/4" - 2" BSP     | 257 | 503 |    | 161 | 38 - 50    | 413 | 98  | 231    |  | 240 - 375 |  | 41 |     | 110 | 12 | 22 | 63,40  |
| 125 | 4" NPT | R9500-1140-3025-126 | 5" NPT - RH     | 2" - 3" NPT         | 330 | 527 | 40 | 150 | 50 - 60,50 | 422 | 122 | 235,50 |  | 400 - 457 |  | 54 | 145 |     |    |    | 112    |
| 125 | 4" NPT | R9500-1140-3025-127 | 5" NPT - LH     | 2" - 3" NPT         | 330 | 527 | 40 | 150 | 50 - 60,50 | 422 | 122 | 235,50 |  | 400 - 457 |  | 54 | 145 |     |    |    | 112    |
| 125 | 4" NPT | R9500-1140-3025-70  | Ø150            | 2" - 3" NPT         | 330 | 527 |    | 150 | 50 - 60,50 | 422 | 122 | 235,50 |  | 400 - 457 |  | 54 |     | 145 | 35 | 39 | 112,70 |
| 125 | 4" BSP | R9500-1240-3025-226 | 5" BSP - RH     | 2" - 3" BSP         | 330 | 527 | 40 | 150 | 50 - 60,50 | 422 | 122 | 235,50 |  | 400 - 457 |  | 54 | 145 |     |    |    | 112    |
| 125 | 4" BSP | R9500-1240-3025-227 | 5" BSP - LH     | 2" - 3" BSP         | 330 | 527 | 40 | 150 | 50 - 60,50 | 422 | 122 | 235,50 |  | 400 - 457 |  | 54 | 145 |     |    |    | 112    |
| 125 | 4" BSP | R9500-1240-3025-70  | Ø150            | 2" - 3" BSP         | 330 | 527 |    | 150 | 50 - 60,50 | 422 | 122 | 235,50 |  | 400 - 457 |  | 54 |     | 145 | 35 | 39 | 12,70  |



Rotary Joint

# 9000R-T2 Series



Rotary Joint for steam



Media Type

**Steam**



Max. Speed

**200 - 100 RPM**



Max. Pressure

**30 - 20 BAR**



Max. Temperature

**260 - 280 °C**



Connection Type

**BSPT, SSR, FL**



Rotor Size

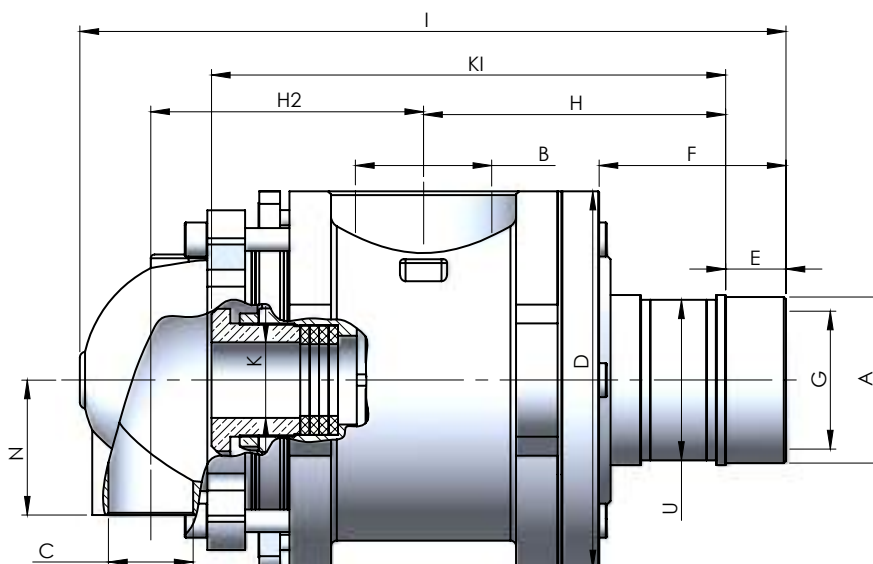
**3/4" DN20 - 5" DN125**

- ✓ RSP System
- ✓ Duoflow design
- ✓ Nodular casting housing
- ✓ Stainless steel shaft and inner components
- ✓ Carbon Graphite sealing parts
- ✓ Stationary or rotating siphon system
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS



| SIZE | B          | MODEL NO            | A               | C             | DØ  | I      | E  | F  | KØ          | KI     | GØ | H      | H2    | W         | N     | OØ | U  | L  | S  | T  | KG    |
|------|------------|---------------------|-----------------|---------------|-----|--------|----|----|-------------|--------|----|--------|-------|-----------|-------|----|----|----|----|----|-------|
| 20   | 3/4" NPT   | R9075-2107-0504-108 | 3/4" NPT - RH   | 1/2" NPT      | 87  | 174,50 | 20 | 45 | 6 -10       | 139    | 18 | 67     | 71,50 | 108       | 29,50 | 13 | 32 |    |    |    | 3     |
| 20   | 3/4" NPT   | R9075-2107-0504-109 | 3/4" NPT - LH   | 1/2" NPT      | 87  | 174,50 | 20 | 45 | 6 -10       | 139    | 18 | 67     | 71,50 | 108       | 29,50 | 13 | 32 |    |    |    | 3     |
| 20   | 3/4" NPT   | R9075-2107-0504-70  | Ø30             | 1/2" NPT      | 87  | 174,50 |    | 45 | 6 -10       | 139    | 18 | 67     | 71,50 | 108       | 29,50 | 13 |    | 28 | 8  | 13 | 3     |
| 20   | 3/4" BSP   | R9075-2207-0504-208 | 3/4" BSP - RH   | 1/2" BSP      | 87  | 174,50 | 20 | 45 | 6 -10       | 139    | 18 | 67     | 71,50 | 108       | 29,50 | 13 | 32 |    |    |    | 3     |
| 20   | 3/4" BSP   | R9075-2207-0504-209 | 3/4" BSP - LH   | 1/2" BSP      | 87  | 174,50 | 20 | 45 | 6 -10       | 139    | 18 | 67     | 71,50 | 108       | 29,50 | 13 | 32 |    |    |    | 3     |
| 20   | 3/4" BSP   | R9075-2207-0504-70  | Ø30             | 1/2" BSP      | 87  | 174,50 |    | 45 | 6 -10       | 139    | 18 | 67     | 71,50 | 108       | 29,50 | 13 |    | 28 | 8  | 13 | 3     |
| 25   | 3/4" NPT   | R9100-2107-0503-110 | 1" NPT - RH     | 1/2" NPT      | 108 | 219    | 22 | 79 | 15 - 25     | 179,60 | 25 | 101,50 | 76,50 | 108 - 248 | 37    | 13 | 32 |    |    |    | 5,65  |
| 25   | 3/4" NPT   | R9100-2107-0503-111 | 1" NPT - LH     | 1/2" NPT      | 108 | 219    | 22 | 79 | 15 - 25     | 179,60 | 25 | 101,50 | 76,50 | 108 - 248 | 37    | 13 | 32 |    |    |    | 5,65  |
| 25   | 3/4" NPT   | R9100-2107-0503-70  | Ø35             | 1/2" NPT      | 108 | 219    |    | 79 | 15 - 25     | 179,60 | 25 | 102,50 | 76,50 | 108 - 248 | 37    | 13 |    | 33 | 8  | 13 | 5,65  |
| 25   | 3/4" BSP   | R9100-2207-0503-210 | 1" BSP - RH     | 1/2" BSP      | 108 | 219    | 22 | 79 | 15 - 25     | 179,60 | 25 | 101,50 | 76,50 | 108 - 248 | 37    | 13 | 32 |    |    |    | 5,65  |
| 25   | 3/4" BSP   | R9100-2207-0503-211 | 1" BSP - LH     | 1/2" BSP      | 108 | 219    | 22 | 79 | 15 - 25     | 179,60 | 25 | 101,50 | 76,50 | 108 - 248 | 37    | 13 | 32 |    |    |    | 5,65  |
| 25   | 3/4" BSP   | R9100-2207-0503-70  | Ø35             | 1/2" BSP      | 108 | 219    |    | 79 | 15 - 25     | 179,60 | 25 | 102,50 | 76,50 | 108 - 248 | 37    | 13 |    | 33 | 8  | 13 | 5,65  |
| 32   | 1" NPT     | R9120-2110-1005-112 | 1 1/4" NPT - RH | 3/4" NPT      | 116 | 218,00 | 25 | 65 | 3/8" - 1/2" | 181    | 32 | 88,50  | 83,50 | 164 - 276 | 41    | 13 | 41 |    |    |    | 6,75  |
| 32   | 1" NPT     | R9120-2110-1005-113 | 1 1/4" NPT - LH | 3/4" NPT      | 116 | 218,00 | 25 | 65 | 3/8" - 1/2" | 181    | 32 | 88,50  | 83,50 | 165 - 276 | 41    | 13 | 41 |    |    |    | 6,75  |
| 32   | 1" NPT     | R9120-2110-1005-70  | Ø47,50          | 3/4" NPT      | 116 | 218,00 |    | 65 | 3/8" - 1/2" | 181    | 32 | 88,50  | 83,50 | 166 - 276 | 41    | 13 |    | 45 | 13 | 23 | 6,75  |
| 32   | 1" BSP     | R9120-2210-1005-112 | 1 1/4" BSP - RH | 3/4" BSP      | 116 | 218,00 | 25 | 65 | 3/8" - 1/2" | 181    | 32 | 88,50  | 83,50 | 167 - 276 | 41    | 13 | 41 |    |    |    | 6,75  |
| 32   | 1" BSP     | R9120-2210-1005-113 | 1 1/4" BSP - LH | 3/4" BSP      | 116 | 218,00 | 25 | 65 | 3/8" - 1/2" | 181    | 32 | 88,50  | 83,50 | 168 - 276 | 41    | 13 | 41 |    |    |    | 6,75  |
| 32   | 1" BSP     | R9120-2210-1005-70  | Ø47,50          | 3/4" BSP      | 116 | 218,00 |    | 65 | 3/8" - 1/2" | 181    | 32 | 88,50  | 83,50 | 169 - 276 | 41    | 13 |    | 45 | 13 | 23 | 6,75  |
| 40   | 1 1/4" NPT | R9150-2112-1007-114 | 1 1/2" NPT - RH | 3/4" - 1" NPT | 152 | 259,50 | 27 | 75 | 1/2" - 3/4" | 208    | 40 | 105,50 | 98,50 | 191 - 343 | 55    | 21 | 50 |    |    |    | 13,15 |
| 40   | 1 1/4" NPT | R9150-2112-1007-115 | 1 1/2" NPT - LH | 3/4" - 1" NPT | 152 | 259,50 | 27 | 75 | 1/2" - 3/4" | 208    | 40 | 105,50 | 98,50 | 191 - 343 | 55    | 21 | 50 |    |    |    | 13,15 |
| 40   | 1 1/4" NPT | R9150-2112-1007-70  | Ø50             | 3/4" - 1" NPT | 152 | 259,50 |    | 75 | 1/2" - 3/4" | 208    | 40 | 106,50 | 98,50 | 191 - 343 | 55    | 21 |    | 18 | 10 | 16 | 13,15 |
| 40   | 1 1/4" BSP | R9150-2212-1007-214 | 1 1/2" BSP - RH | 3/4" - 1" BSP | 152 | 259,50 | 27 | 75 | 1/2" - 3/4" | 208    | 40 | 105,50 | 98,50 | 191 - 343 | 55    | 21 | 50 |    |    |    | 13,15 |
| 40   | 1 1/4" BSP | R9150-2212-1007-215 | 1 1/2" BSP - LH | 3/4" - 1" BSP | 152 | 259,50 | 27 | 75 | 1/2" - 3/4" | 208    | 40 | 105,50 | 98,50 | 191 - 343 | 55    | 21 | 50 |    |    |    | 13,15 |



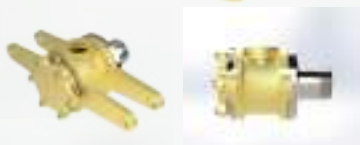
|    |            |                     |                 |                     |     |        |    |     |             |        |       |        |        |           |       |    |     |     |    |    |       |
|----|------------|---------------------|-----------------|---------------------|-----|--------|----|-----|-------------|--------|-------|--------|--------|-----------|-------|----|-----|-----|----|----|-------|
| 40 | 1 1/4" BSP | R9150-2212-1007-70  | Ø50             | 3/4" - 1" BSP       | 152 | 259,50 |    | 75  | 1/2" - 3/4" | 208    | 40    | 106,50 | 98,50  | 191 - 343 | 55    | 21 |     | 48  | 10 | 16 | 13,15 |
| 50 | 1 1/2" NPT | R9200-2115-1210-116 | 1 1/2" NPT - RH | 3/4" - 1 1/4 NPT    | 162 | 287,50 | 30 | 75  | 15 - 25     | 232,50 | 49    | 112    | 114    | 116 - 390 | 56    | 21 | 60  |     |    |    | 17,70 |
| 50 | 1 1/2" NPT | R9200-2115-1210-117 | 1 1/2" NPT - LH | 3/4" - 1 1/4 NPT    | 162 | 287,50 | 30 | 75  | 15 - 25     | 232,50 | 49    | 112    | 114    | 116 - 390 | 56    | 21 | 60  |     |    |    | 17,70 |
| 50 | 1 1/2" NPT | R9200-2115-1210-70  | Ø65             | 3/4" - 1 1/4 NPT    | 162 | 287,50 |    | 75  | 15 - 25     | 232,50 | 49    | 112    | 114    | 116 - 390 | 56    | 21 |     | 65  | 10 | 16 | 17,70 |
| 50 | 1 1/2" BSP | R9200-2115-1210-216 | 1 1/2" BSP - RH | 3/4" - 1 1/4" BSP   | 162 | 287,50 | 30 | 75  | 15 - 25     | 232,50 | 49    | 112    | 114    | 116 - 390 | 56    | 21 | 60  |     |    |    | 17,70 |
| 50 | 1 1/2" BSP | R9200-2115-1210-217 | 1 1/2" BSP - LH | 3/4" - 1 1/4" BSP   | 162 | 287,50 | 30 | 75  | 15 - 25     | 232,50 | 49    | 112    | 114    | 116 - 390 | 56    | 21 | 60  |     |    |    | 17,70 |
| 50 | 1 1/2" BSP | R9200-2115-1210-70  | Ø65             | 3/4" - 1 1/4" BSP   | 162 | 287,50 |    | 75  | 15 - 25     | 232,50 | 49    | 112    | 114    | 116 - 390 | 56    | 21 |     | 65  | 10 | 16 | 17,70 |
| 65 | 2" NPT     | R9250-2125-1220-118 | 2 1/2" NPT - RH | 1" - 1 1/4" NPT     | 185 | 331    | 38 | 95  | 25 - 40     | 266,5  | 60,50 | 131    | 128,50 | 216 - 360 | 62,50 | 27 | 75  |     |    |    | 25,40 |
| 65 | 2" NPT     | R9250-2125-1220-119 | 2 1/2" NPT - LH | 1" - 1 1/4" NPT     | 185 | 331    | 38 | 95  | 25 - 40     | 266,5  | 60,50 | 131    | 128,50 | 216 - 360 | 62,50 | 27 | 75  |     |    |    | 25,40 |
| 65 | 2" NPT     | R9250-2125-1220-70  | Ø76             | 1" - 1 1/4" NPT     | 185 | 331    |    | 95  | 25 - 40     | 266,5  | 60,50 | 131    | 128,50 | 216 - 360 | 62,50 | 27 |     | 72  | 16 | 28 | 25,40 |
| 65 | 2" BSP     | R9250-2225-1220-218 | 2 1/2" BSP - RH | 1" - 1 1/4" BSP     | 185 | 331    | 38 | 95  | 25 - 40     | 266,5  | 60,50 | 131    | 128,50 | 216 - 360 | 62,50 | 27 | 75  |     |    |    | 25,40 |
| 65 | 2" BSP     | R9250-2225-1220-219 | 2 1/2" BSP - LH | 1" - 1 1/4" BSP     | 185 | 331    | 38 | 95  | 25 - 40     | 266,5  | 60,50 | 131    | 128,50 | 216 - 360 | 62,50 | 27 | 75  |     |    |    | 25,40 |
| 65 | 2" BSP     | R9250-2225-1220-70  | Ø76             | 1" - 1 1/4" BSP     | 185 | 331    |    | 95  | 25 - 40     | 266,5  | 60,50 | 131    | 128,50 | 216 - 360 | 62,50 | 27 |     | 72  | 16 | 28 | 25,40 |
| 80 | 2 1/2" NPT | R9300-2115-1515-120 | 3" NPT - RH     | 1 1/4" - 1 1/2" NPT | 200 | 374    | 32 | 99  | 20 - 40     | 304    | 73    | 160    | 144,50 | 230 - 495 | 71,50 | 33 | 85  |     |    |    | 36,30 |
| 80 | 2 1/2" NPT | R9300-2115-1515-121 | 3" NPT - LH     | 1 1/4" - 1 1/2" NPT | 200 | 374    | 32 | 99  | 20 - 40     | 304    | 73    | 160    | 144,50 | 230 - 495 | 71,50 | 33 | 85  |     |    |    | 36,30 |
| 80 | 2 1/2" NPT | R9300-2115-1515-70  | Ø87,30          | 1 1/4" - 1 1/2" NPT | 200 | 374    |    | 99  | 20 - 40     | 304    | 73    | 160    | 144,50 | 230 - 495 | 71,50 | 33 |     | 84  | 22 | 31 | 36,30 |
| 80 | 2 1/2" BSP | R9300-2115-1515-220 | 3" BSP - RH     | 1 1/4" - 1 1/2" BSP | 200 | 374    | 32 | 99  | 20 - 40     | 304    | 73    | 160    | 144,50 | 230 - 495 | 71,50 | 33 | 85  |     |    |    | 36,30 |
| 80 | 2 1/2" BSP | R9300-2115-1515-221 | 3" BSP - LH     | 1 1/4" - 1 1/2" BSP | 200 | 374    | 32 | 99  | 20 - 40     | 304    | 73    | 160    | 144,50 | 230 - 495 | 71,50 | 33 | 85  |     |    |    | 36,30 |
| 80 | 2 1/2" BSP | R9300-2115-1515-70  | Ø87,30          | 1 1/4" - 1 1/2" BSP | 200 | 374    |    | 99  | 20 - 40     | 304    | 73    | 160    | 144,50 | 230 - 495 | 71,50 | 33 |     | 84  | 22 | 31 | 36,30 |
| 85 | 3" NPT     | R9350-2130-2015-122 | 3 1/2" NPT - RH | 1 1/4" - 1 1/2" NPT | 247 | 422    | 35 | 100 | 20 - 40     | 326    | 85    | 170    | 160    | 150 - 250 | 85    | 33 | 100 |     |    |    | 48,90 |
| 85 | 3" NPT     | R9350-2130-2015-123 | 3 1/2" NPT - LH | 1 1/4" - 1 1/2" NPT | 247 | 422    | 35 | 100 | 20 - 40     | 326    | 85    | 170    | 160    | 150 - 250 | 85    | 33 | 100 |     |    |    | 48,90 |
| 85 | 3" NPT     | R9350-2130-2015-70  | Ø105            | 1 1/4" - 1 1/2" NPT | 247 | 422    |    | 100 | 20 - 40     | 326    | 85    | 170    | 160    | 150 - 250 | 85    | 33 |     | 102 | 12 | 20 | 48,90 |

|     |        |                     |                 |                     |     |        |    |     |            |     |     |        |        |           |        |    |     |     |    |    |        |
|-----|--------|---------------------|-----------------|---------------------|-----|--------|----|-----|------------|-----|-----|--------|--------|-----------|--------|----|-----|-----|----|----|--------|
| 85  | 3" BSP | R9350-2230-2015-222 | 3 1/2" BSP - RH | 1 1/4" - 1 1/2" BSP | 247 | 422    | 35 | 100 | 20 - 40    | 326 | 85  | 170    | 160    | 150 - 250 | 85     | 33 | 100 |     |    |    | 48,90  |
| 85  | 3" BSP | R9350-2230-2015-223 | 3 1/2" BSP - LH | 1 1/4" - 1 1/2" BSP | 247 | 422    | 35 | 100 | 20 - 40    | 326 | 85  | 170    | 160    | 150 - 250 | 85     | 33 | 100 |     |    |    | 48,90  |
| 85  | 3" BSP | R9350-2230-2015-70  | Ø105            | 1 1/4" - 1 1/2" BSP | 247 | 422    |    | 100 | 20 - 40    | 326 | 85  | 170    | 160    | 150 - 250 | 85     | 33 |     | 102 | 12 | 20 | 48,90  |
| 100 | 3" NPT | R9400-2130-2520-124 | 4" NPT - RH     | 1 1/4" - 2" NPT     | 257 | 498    | 40 | 161 | 38 - 50    | 413 | 98  | 231    | 177    | 235 - 375 | 90     | 41 | 115 |     |    |    | 63,40  |
| 100 | 3" NPT | R9400-2130-2520-125 | 4" NPT - LH     | 1 1/4" - 2" NPT     | 257 | 498    | 40 | 161 | 38 - 50    | 413 | 98  | 231    | 177    | 236 - 375 | 90     | 41 | 115 |     |    |    | 63,40  |
| 100 | 3" NPT | R9400-2130-2520-70  | Ø114            | 1 1/4" - 2" NPT     | 257 | 498    |    | 161 | 38 - 50    | 413 | 98  | 231    | 177    | 237 - 375 | 90     | 41 |     | 110 | 12 | 22 | 62,10  |
| 100 | 3" BSP | R9400-2230-2520-227 | 4" BSP - RH     | 1 1/4" - 2" BSP     | 257 | 498    | 40 | 161 | 38 - 50    | 413 | 98  | 231    | 177    | 238 - 375 | 90     | 41 | 115 |     |    |    | 63,40  |
| 100 | 3" BSP | R9400-2230-2520-228 | 4" BSP - LH     | 1 1/4" - 2" BSP     | 257 | 498    | 40 | 161 | 38 - 50    | 413 | 98  | 231    | 177    | 239 - 375 | 90     | 41 | 115 |     |    |    | 63,40  |
| 100 | 3" BSP | R9400-2230-2520-70  | Ø114            | 1 1/4" - 2" BSP     | 257 | 498    |    | 161 | 38 - 50    | 413 | 98  | 231    | 177    | 240 - 375 | 90     | 41 |     | 110 | 12 | 22 | 62,10  |
| 125 | 4" NPT | R9500-2140-3025-126 | 5" NPT - RH     | 2" - 3" NPT         | 330 | 563,50 | 40 | 150 | 50 - 60,50 | 422 | 122 | 235,50 | 225,50 | 400 - 457 | 127,50 | 54 | 145 |     |    |    | 115,55 |
| 125 | 4" NPT | R9500-2140-3025-127 | 5" NPT - LH     | 2" - 3" NPT         | 330 | 563,50 | 40 | 150 | 50 - 60,50 | 422 | 122 | 235,50 | 225,50 | 400 - 457 | 127,50 | 54 | 145 |     |    |    | 115,55 |
| 125 | 4" NPT | R9500-2140-3025-70  | Ø150            | 2" - 3" NPT         | 330 | 563,50 |    | 150 | 50 - 60,50 | 422 | 122 | 235,50 | 225,50 | 400 - 457 | 127,50 | 54 |     | 145 | 35 | 39 | 116,25 |
| 125 | 4" BSP | R9500-2240-3025-226 | 5" BSP - RH     | 2" - 3" BSP         | 330 | 563,50 | 40 | 150 | 50 - 60,50 | 422 | 122 | 235,50 | 225,50 | 400 - 457 | 127,50 | 54 | 145 |     |    |    | 115,55 |
| 125 | 4" BSP | R9500-2240-3025-227 | 5" BSP - LH     | 2" - 3" BSP         | 330 | 563,50 | 40 | 150 | 50 - 60,50 | 422 | 122 | 235,50 | 225,50 | 400 - 457 | 127,50 | 54 | 145 |     |    |    | 115,55 |
| 125 | 4" BSP | R9500-2240-3025-70  | Ø150            | 2" - 3" BSP         | 330 | 563,50 |    | 150 | 50 - 60,50 | 422 | 122 | 235,50 | 225,50 | 400 - 457 | 127,50 | 54 |     | 145 | 35 | 39 | 116,25 |



Rotary Joint

# 9000R-T3 Series



Rotary Joint for steam



Media Type

**Steam**



Max. Speed

**200 - 100 RPM**



Max. Pressure

**30 - 20 BAR**



Max. Temperature

**260 - 280 °C**



Connection Type

**BSPT, SSR, FL**



Rotor Size

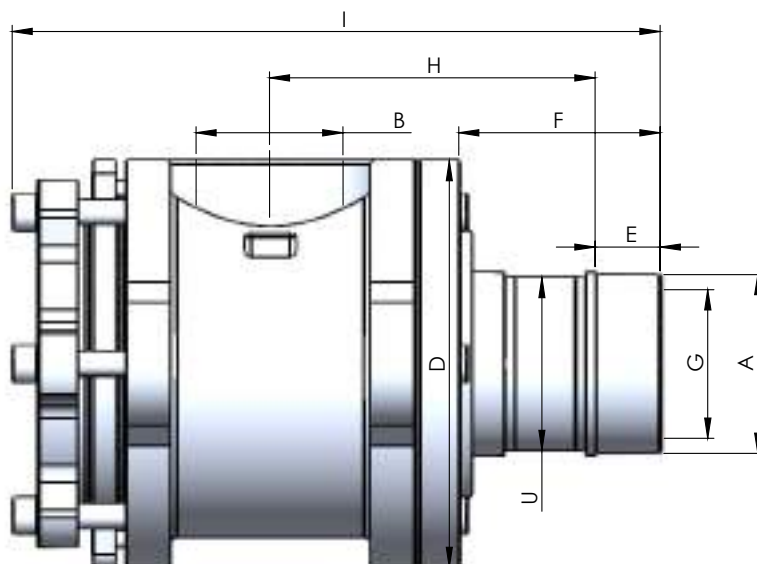
**3/4" DN20 - 5" DN125**

- ✓ Single design
- ✓ Nodular casting housing
- ✓ Stainless steel shaft and inner components
- ✓ Carbon Graphite sealing parts
- ✓ Stationary or rotating siphon system



Do not operate without fluid.

## DIMENSIONS



| SIZE | B          | MODEL NO            | A               | C | DØ  | I      | E  | F  | K | KI | GØ | H      | H2 | W         | N | OØ | U  | L  | S  | T  | KG    |
|------|------------|---------------------|-----------------|---|-----|--------|----|----|---|----|----|--------|----|-----------|---|----|----|----|----|----|-------|
| 20   | 3/4" NPT   | R9075-3107-0000-108 | 3/4" NPT - RH   |   | 87  | 150,50 | 20 | 45 |   |    | 18 | 67     |    | 108       |   | 13 | 32 |    |    |    | 2,81  |
| 20   | 3/4" NPT   | R9075-3107-0000-109 | 3/4" NPT - LH   |   | 87  | 150,50 | 20 | 45 |   |    | 18 | 67     |    | 108       |   | 13 | 32 |    |    |    | 2,81  |
| 20   | 3/4" NPT   | R9075-3107-0000-70  | Ø30             |   | 87  | 150,50 |    | 45 |   |    | 18 | 67     |    | 108       |   | 13 |    | 28 | 8  | 13 | 2,81  |
| 20   | 3/4" BSP   | R9075-3207-0000-208 | 3/4" BSP - RH   |   | 87  | 150,50 | 20 | 45 |   |    | 18 | 67     |    | 108       |   | 13 | 32 |    |    |    | 2,81  |
| 20   | 3/4" BSP   | R9075-3207-0000-209 | 3/4" BSP - LH   |   | 87  | 150,50 | 20 | 45 |   |    | 18 | 67     |    | 108       |   | 13 | 32 |    |    |    | 2,81  |
| 20   | 3/4" BSP   | R9075-3207-0000-70  | Ø30             |   | 87  | 150,50 |    | 45 |   |    | 18 | 67     |    | 108       |   | 13 |    | 28 | 8  | 13 | 2,81  |
| 25   | 3/4" NPT   | R9100-3107-0000-110 | 1" NPT - RH     |   | 108 | 178    | 22 | 79 |   |    | 25 | 101,50 |    | 108 - 248 |   | 13 | 32 |    |    |    | 5,10  |
| 25   | 3/4" NPT   | R9100-3107-0000-111 | 1" NPT - LH     |   | 108 | 178    | 22 | 79 |   |    | 25 | 101,50 |    | 108 - 248 |   | 13 | 32 |    |    |    | 5,10  |
| 25   | 3/4" NPT   | R9100-3107-0000-70  | Ø35             |   | 108 | 178    |    | 79 |   |    | 25 | 102,50 |    | 108 - 248 |   | 13 |    | 33 | 8  | 13 | 5,10  |
| 25   | 3/4" BSP   | R9100-3207-0000-113 | 1" BSP - RH     |   | 108 | 178    | 22 | 79 |   |    | 25 | 101,50 |    | 108 - 248 |   | 13 | 32 |    |    |    | 5,10  |
| 25   | 3/4" BSP   | R9100-3207-0000-114 | 1" BSP - LH     |   | 108 | 178    | 22 | 79 |   |    | 25 | 101,50 |    | 108 - 248 |   | 13 | 32 |    |    |    | 5,10  |
| 25   | 3/4" BSP   | R9100-3207-0000-115 | Ø35             |   | 108 | 178    |    | 79 |   |    | 25 | 102,50 |    | 108 - 248 |   | 13 |    | 33 | 8  | 13 | 5,10  |
| 32   | 1" NPT     | R9120-3110-0000-112 | 1 1/4" NPT - RH |   | 116 | 175    | 25 | 65 |   |    | 32 | 88,50  |    | 164 - 276 |   | 13 | 41 |    |    |    | 6     |
| 32   | 1" NPT     | R9120-3110-0000-113 | 1 1/4" NPT - LH |   | 116 | 175    | 25 | 65 |   |    | 32 | 88,50  |    | 165 - 276 |   | 13 | 41 |    |    |    | 6     |
| 32   | 1" NPT     | R9120-3110-0000-70  | Ø47,50          |   | 116 | 175    |    | 65 |   |    | 32 | 88,50  |    | 166 - 276 |   | 13 |    | 45 | 13 | 23 | 6     |
| 32   | 1" BSP     | R9120-3210-0000-112 | 1 1/4" BSP - RH |   | 116 | 175    | 25 | 65 |   |    | 32 | 88,50  |    | 167 - 276 |   | 13 | 41 |    |    |    | 6     |
| 32   | 1" BSP     | R9120-3210-0000-113 | 1 1/4" BSP - LH |   | 116 | 175    | 25 | 65 |   |    | 32 | 88,50  |    | 168 - 276 |   | 13 | 41 |    |    |    | 6     |
| 32   | 1" BSP     | R9120-3210-0000-70  | Ø47,50          |   | 116 | 175    |    | 65 |   |    | 32 | 88,50  |    | 169 - 276 |   | 13 |    | 45 | 13 | 23 | 6     |
| 40   | 1 1/4" NPT | R9150-3112-0000-114 | 1 1/2" NPT - RH |   | 152 | 215    | 27 | 75 |   |    | 40 | 105,50 |    | 191 - 343 |   | 21 | 50 |    |    |    | 12,30 |
| 40   | 1 1/4" NPT | R9150-3112-0000-115 | 1 1/2" NPT - LH |   | 152 | 215    | 27 | 75 |   |    | 40 | 105,50 |    | 191 - 343 |   | 21 | 50 |    |    |    | 12,30 |
| 40   | 1 1/4" NPT | R9150-3112-0000-70  | Ø50             |   | 152 | 215    |    | 75 |   |    | 40 | 106,50 |    | 191 - 343 |   | 21 |    | 40 | 10 | 16 | 12,30 |
| 40   | 1 1/4" BSP | R9150-3212-0000-214 | 1 1/2" BSP - RH |   | 152 | 215    | 27 | 75 |   |    | 40 | 105,50 |    | 191 - 343 |   | 21 | 50 |    |    |    | 12,30 |
| 40   | 1 1/4" BSP | R9150-3212-0000-215 | 1 1/2" BSP - LH |   | 152 | 215    | 27 | 75 |   |    | 40 | 105,50 |    | 191 - 343 |   | 21 | 50 |    |    |    | 12,30 |



|     |            |                     |                 |  |     |        |    |     |  |  |       |        |  |           |  |    |     |     |    |    |       |
|-----|------------|---------------------|-----------------|--|-----|--------|----|-----|--|--|-------|--------|--|-----------|--|----|-----|-----|----|----|-------|
| 40  | 1 1/4" BSP | R9150-3212-0000-70  | Ø50             |  | 152 | 215    |    | 75  |  |  | 40    | 106,50 |  | 191 - 343 |  | 21 |     | 48  | 10 | 16 | 12,30 |
| 50  | 1 1/2" NPT | R9200-3115-0000-116 | 2" NPT - RH     |  | 162 | 242    | 30 | 75  |  |  | 49    | 112    |  | 116 - 390 |  | 21 | 60  |     |    |    | 16,80 |
| 50  | 1 1/2" NPT | R9150-3115-0000-117 | 2" NPT - LH     |  | 162 | 242    | 30 | 75  |  |  | 49    | 112    |  | 116 - 390 |  | 21 | 60  |     |    |    | 16,80 |
| 50  | 1 1/2" NPT | R9150-3115-0000-70  | Ø65             |  | 162 | 242    |    | 75  |  |  | 49    | 112    |  | 116 - 390 |  | 21 |     | 63  | 10 | 16 | 16,80 |
| 50  | 1 1/2" BSP | R9150-3215-0000-216 | 2" BSP - RH     |  | 162 | 242    | 30 | 75  |  |  | 49    | 112    |  | 116 - 390 |  | 21 | 60  |     |    |    | 16,80 |
| 50  | 1 1/2" BSP | R9150-3215-0000-217 | 2" BSP - LH     |  | 162 | 242    | 30 | 75  |  |  | 49    | 112    |  | 116 - 390 |  | 21 | 60  |     |    |    | 16,80 |
| 50  | 1 1/2" BSP | R9150-3215-0000-70  | Ø65             |  | 162 | 242    |    | 75  |  |  | 49    | 112    |  | 116 - 390 |  | 21 |     | 63  | 10 | 16 | 16,80 |
| 65  | 2" NPT     | R9250-3125-0000-118 | 2 1/2" NPT - RH |  | 185 | 280,50 | 38 | 95  |  |  | 60,50 | 131    |  | 216 - 360 |  | 27 | 75  |     |    |    | 23,40 |
| 65  | 2" NPT     | R9150-3125-0000-119 | 2 1/2" NPT - LH |  | 185 | 280,50 | 38 | 95  |  |  | 60,50 | 131    |  | 216 - 360 |  | 27 | 75  |     |    |    | 23,40 |
| 65  | 2" NPT     | R9150-3125-0000-70  | Ø76             |  | 185 | 280,50 |    | 95  |  |  | 60,50 | 131    |  | 216 - 360 |  | 27 |     | 72  | 16 | 28 | 23,40 |
| 65  | 2" BSP     | R9150-3225-0000-218 | 2 1/2" BSP - RH |  | 185 | 280,50 | 38 | 95  |  |  | 60,50 | 131    |  | 216 - 360 |  | 27 | 75  |     |    |    | 23,40 |
| 65  | 2" BSP     | R9150-3225-0000-219 | 2 1/2" BSP - LH |  | 185 | 280,50 | 38 | 95  |  |  | 60,50 | 131    |  | 216 - 360 |  | 27 | 75  |     |    |    | 23,40 |
| 65  | 2" BSP     | R9150-3225-0000-70  | Ø76             |  | 185 | 280,50 |    | 95  |  |  | 60,50 | 131    |  | 216 - 360 |  | 27 |     | 72  | 16 | 28 | 23,40 |
| 80  | 2 1/2" NPT | R9300-3155-0000-120 | 3" NPT - RH     |  | 200 | 318,50 | 32 | 99  |  |  | 73    | 160    |  | 230 - 495 |  | 33 | 85  |     |    |    | 36,05 |
| 80  | 2 1/2" NPT | R9300-3155-0000-121 | 3" NPT - LH     |  | 200 | 318,50 | 32 | 99  |  |  | 73    | 160    |  | 230 - 495 |  | 33 | 85  |     |    |    | 36,05 |
| 80  | 2 1/2" NPT | R9300-3155-0000-70  | Ø87,30          |  | 200 | 318,50 |    | 99  |  |  | 73    | 160    |  | 230 - 495 |  | 33 |     | 84  | 22 | 31 | 36,05 |
| 80  | 2 1/2" BSP | R9300-3255-0000-220 | 3" BSP - RH     |  | 200 | 318,50 | 32 | 99  |  |  | 73    | 160    |  | 230 - 495 |  | 33 | 85  |     |    |    | 36,05 |
| 80  | 2 1/2" BSP | R9300-3255-0000-221 | 3" BSP - LH     |  | 200 | 318,50 | 32 | 99  |  |  | 73    | 160    |  | 230 - 495 |  | 33 | 85  |     |    |    | 36,05 |
| 80  | 2 1/2" BSP | R9300-3255-0000-70  | Ø87,30          |  | 200 | 318,50 |    | 99  |  |  | 73    | 160    |  | 230 - 495 |  | 33 |     | 84  | 22 | 31 | 36,05 |
| 100 | 3" NPT     | R9400-3130-0000-124 | 4" NPT - RH     |  | 257 | 424    | 40 | 161 |  |  | 98    | 231    |  | 235 - 375 |  | 41 | 115 |     |    |    | 56    |
| 100 | 3" NPT     | R9400-3130-0000-125 | 4" NPT - LH     |  | 257 | 424    | 40 | 161 |  |  | 98    | 231    |  | 236 - 375 |  | 41 | 115 |     |    |    | 56    |
| 100 | 3" NPT     | R9400-3130-0000-70  | Ø114            |  | 257 | 424    |    | 161 |  |  | 98    | 231    |  | 237 - 375 |  | 41 |     | 110 | 12 | 22 | 54,80 |

|     |        |                     |             |  |     |     |    |     |  |  |     |        |  |           |  |    |     |     |    |    |        |
|-----|--------|---------------------|-------------|--|-----|-----|----|-----|--|--|-----|--------|--|-----------|--|----|-----|-----|----|----|--------|
| 100 | 3" BSP | R9400-3230-0000-224 | 4" BSP - RH |  | 257 | 424 | 40 | 161 |  |  | 98  | 231    |  | 238 - 375 |  | 41 | 115 |     |    |    | 56     |
| 100 | 3" BSP | R9400-3230-0000-225 | 4" BSP - LH |  | 257 | 424 | 40 | 161 |  |  | 98  | 231    |  | 239 - 375 |  | 41 | 115 |     |    |    | 56     |
| 100 | 3" BSP | R9400-3230-0000-70  | Ø114        |  | 257 | 424 |    | 161 |  |  | 98  | 231    |  | 240 - 375 |  | 41 |     | 110 | 12 | 22 | 54,80  |
| 125 | 4" NPT | R9500-3140-0000-126 | 5" NPT - RH |  | 330 | 452 | 40 | 150 |  |  | 122 | 235,50 |  | 400 - 457 |  | 54 | 145 |     |    |    | 99,60  |
| 125 | 4" NPT | R9500-3140-0000-127 | 5" NPT - LH |  | 330 | 452 | 40 | 150 |  |  | 122 | 235,50 |  | 400 - 457 |  | 54 | 145 |     |    |    | 99,60  |
| 125 | 4" NPT | R9500-3140-0000-170 | Ø150        |  | 330 | 452 |    | 150 |  |  | 122 | 235,50 |  | 400 - 457 |  | 54 |     | 145 | 35 | 39 | 100,30 |
| 125 | 4" BSP | R9500-3240-0000-226 | 5" BSP - RH |  | 330 | 452 | 40 | 150 |  |  | 122 | 235,50 |  | 400 - 457 |  | 54 | 145 |     |    |    | 99,60  |
| 125 | 4" BSP | R9500-3240-0000-227 | 5" BSP - LH |  | 330 | 452 | 40 | 150 |  |  | 122 | 235,50 |  | 400 - 457 |  | 54 | 145 |     |    |    | 99,60  |
| 125 | 4" BSP | R9500-3240-0000-70  | Ø150        |  | 330 | 452 |    | 150 |  |  | 122 | 235,50 |  | 400 - 457 |  | 54 |     | 145 | 35 | 39 | 100,30 |



Rotary Joint

# 9000R-T4 Series



Rotary Joint for steam



Media Type

**Steam**



Max. Speed

**200 - 100 RPM**



Max. Pressure

**30 - 20 BAR**



Max. Temperature

**260 - 280 °C**



Connection Type

**BSPT, SSR, FL**



Rotor Size

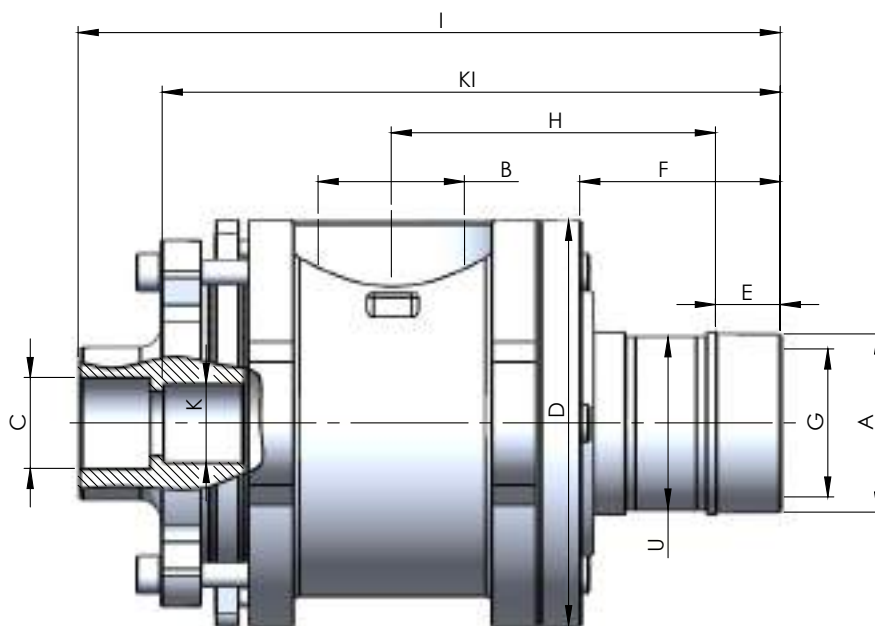
**3/4" DN20 - 5" DN125**

- ✓ Duoflow design
- ✓ Nodular casting housing
- ✓ Stainless steel shaft and inner components
- ✓ Carbon Graphite sealing parts
- ✓ Stationary or rotating siphon system
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS



| SIZE | B          | MODEL NO            | A               | C        | DØ  | I      | E  | F  | K                | KI  | GØ | H      | H2 | W         | N | OØ | U  | L  | S  | T  | KG    |
|------|------------|---------------------|-----------------|----------|-----|--------|----|----|------------------|-----|----|--------|----|-----------|---|----|----|----|----|----|-------|
| 20   | 3/4" NPT   | R9075-4107-0504-108 | 3/4" NPT - RH   | 1/2" NPT | 87  | 164,50 | 20 | 45 | 1/8" - 1/4" BSPP | 147 | 18 | 67     |    | 108       |   | 13 | 32 |    |    |    | 2,95  |
| 20   | 3/4" NPT   | R9075-4107-0504-109 | 3/4" NPT - LH   | 1/2" NPT | 87  | 164,50 | 20 | 45 | 1/8" - 1/4" BSPP | 147 | 18 | 67     |    | 108       |   | 13 | 32 |    |    |    | 2,95  |
| 20   | 3/4" NPT   | R9075-4107-0504-70  | Ø30             | 1/2" NPT | 87  | 164,50 |    | 45 | 1/8" - 1/4" BSPP | 147 | 18 | 67     |    | 108       |   | 13 |    | 28 | 8  | 13 | 2,95  |
| 20   | 3/4" BSP   | R9075-4207-0504-208 | 3/4" BSP - RH   | 1/2" BSP | 87  | 164,50 | 20 | 45 | 1/8" - 1/4" BSPP | 147 | 18 | 67     |    | 108       |   | 13 | 32 |    |    |    | 2,95  |
| 20   | 3/4" BSP   | R9075-4207-0504-209 | 3/4" BSP - LH   | 1/2" BSP | 87  | 164,50 | 20 | 45 | 1/8" - 1/4" BSPP | 147 | 18 | 67     |    | 108       |   | 13 | 32 |    |    |    | 2,95  |
| 20   | 3/4" BSP   | R9075-4207-0504-70  | Ø30             | 1/2" BSP | 87  | 164,50 |    | 45 | 1/8" - 1/4" BSPP | 147 | 18 | 67     |    | 108       |   | 13 |    | 28 | 8  | 13 | 2,95  |
| 25   | 3/4" NPT   | R9100-4107-0503-110 | 1" NPT - RH     | 1/2" NPT | 108 | 207    | 22 | 79 | 1/4" - 3/8" BSPP | 183 | 25 | 101,50 |    | 108 - 248 |   | 13 | 32 |    |    |    | 5,55  |
| 25   | 3/4" NPT   | R9100-4107-0503-111 | 1" NPT - LH     | 1/2" NPT | 108 | 207    | 22 | 79 | 1/4" - 3/8" BSPP | 183 | 25 | 101,50 |    | 108 - 248 |   | 13 | 32 |    |    |    | 5,55  |
| 25   | 3/4" NPT   | R9100-4107-0503-70  | Ø35             | 1/2" NPT | 108 | 207    |    | 79 | 1/4" - 3/8" BSPP | 183 | 25 | 102,50 |    | 108 - 248 |   | 13 |    | 33 | 8  | 13 | 5,55  |
| 25   | 3/4" BSP   | R9100-4207-0503-210 | 1" BSP - RH     | 1/2" BSP | 108 | 207    | 22 | 79 | 1/4" - 3/8" BSPP | 183 | 25 | 101,50 |    | 108 - 248 |   | 13 | 32 |    |    |    | 5,55  |
| 25   | 3/4" BSP   | R9100-4207-0503-211 | 1" BSP - LH     | 1/2" BSP | 108 | 207    | 22 | 79 | 1/4" - 3/8" BSPP | 183 | 25 | 101,50 |    | 108 - 248 |   | 13 | 32 |    |    |    | 5,55  |
| 25   | 3/4" BSP   | R9100-4207-0503-70  | Ø35             | 1/2" BSP | 108 | 207    |    | 79 | 1/4" - 3/8" BSPP | 183 | 25 | 102,50 |    | 108 - 248 |   | 13 |    | 33 | 8  | 13 | 5,55  |
| 32   | 1" NPT     | R9120-4110-0705-112 | 1 1/4" NPT - RH | 3/4" NPT | 116 | 212    | 25 | 65 | 3/8" - 1/2" BSPP | 176 | 32 | 88,50  |    | 164 - 276 |   | 13 | 41 |    |    |    | 6,40  |
| 32   | 1" NPT     | R9120-4110-0705-113 | 1 1/4" NPT - LH | 3/4" NPT | 116 | 212    | 25 | 65 | 3/8" - 1/2" BSPP | 176 | 32 | 88,50  |    | 165 - 276 |   | 13 | 41 |    |    |    | 6,40  |
| 32   | 1" NPT     | R9120-4110-0705-70  | Ø47,50          | 3/4" NPT | 116 | 212    |    | 65 | 3/8" - 1/2" BSPP | 176 | 32 | 88,50  |    | 166 - 276 |   | 13 |    | 45 | 13 | 23 | 6,40  |
| 32   | 1" BSP     | R9120-4210-0705-112 | 1 1/4" BSP - RH | 3/4" BSP | 116 | 212    | 25 | 65 | 3/8" - 1/2" BSPP | 176 | 32 | 88,50  |    | 167 - 276 |   | 13 | 41 |    |    |    | 6,40  |
| 32   | 1" BSP     | R9120-4210-0705-113 | 1 1/4" BSP - LH | 3/4" BSP | 116 | 212    | 25 | 65 | 3/8" - 1/2" BSPP | 176 | 32 | 88,50  |    | 168 - 276 |   | 13 | 41 |    |    |    | 6,40  |
| 32   | 1" BSP     | R9120-4210-0705-70  | Ø47,50          | 3/4" BSP | 116 | 212    |    | 65 | 3/8" - 1/2" BSPP | 176 | 32 | 88,50  |    | 169 - 276 |   | 13 |    | 45 | 13 | 23 | 6,40  |
| 40   | 1 1/4" NPT | R9150-4112-1007-114 | 1 1/2" NPT - RH | 1" NPT   | 152 | 242    | 27 | 75 | 1/2" - 3/4" BSPP | 206 | 40 | 105,50 |    | 191 - 343 |   | 21 | 50 |    |    |    | 13,05 |
| 40   | 1 1/4" NPT | R9150-4112-1007-115 | 1 1/2" NPT - LH | 1" NPT   | 152 | 242    | 27 | 75 | 1/2" - 3/4" BSPP | 206 | 40 | 105,50 |    | 191 - 343 |   | 21 | 50 |    |    |    | 13,05 |
| 40   | 1 1/4" NPT | R9150-4112-1007-70  | Ø50             | 1" NPT   | 152 | 242    |    | 75 | 1/2" - 3/4" BSPP | 206 | 40 | 106,50 |    | 191 - 343 |   | 21 |    | 48 | 10 | 16 | 13,05 |





|     |            |                     |                 |                  |     |        |    |     |                    |     |       |        |  |           |  |    |     |    |    |    |       |
|-----|------------|---------------------|-----------------|------------------|-----|--------|----|-----|--------------------|-----|-------|--------|--|-----------|--|----|-----|----|----|----|-------|
| 40  | 1 1/4" BSP | R9150-4212-1007-214 | 1 1/2" BSP - RH | 1" BSP           | 152 | 242    | 27 | 75  | 1/2" - 3/4" BSPP   | 206 | 40    | 105,50 |  | 191 - 343 |  | 21 | 50  |    |    |    | 13,05 |
| 40  | 1 1/4" BSP | R9150-4212-1007-215 | 1 1/2" BSP - LH | 1" BSP           | 152 | 242    | 27 | 75  | 1/2" - 3/4" BSPP   | 206 | 40    | 105,50 |  | 191 - 343 |  | 21 | 50  |    |    |    | 13,05 |
| 40  | 1 1/4" BSP | R9150-4212-1007-70  | Ø50             | 1" BSP           | 152 | 242    |    | 75  | 1/2" - 3/4" BSPP   | 206 | 40    | 106,50 |  | 191 - 343 |  | 21 |     | 48 | 10 | 16 | 13,05 |
| 50  | 1 1/2" NPT | R9200-4115-1210-116 | 2" NPT - RH     | 1 1/4" NPT       | 162 | 270    | 30 | 75  | 1/2" - 1" BSPP     | 231 | 49    | 112    |  | 116 - 390 |  | 21 | 60  |    |    |    | 17,40 |
| 50  | 1 1/2" NPT | R9200-4115-1210-117 | 2" NPT - LH     | 1 1/4" NPT       | 162 | 270    | 30 | 75  | 1/2" - 1" BSPP     | 231 | 49    | 112    |  | 116 - 390 |  | 21 | 60  |    |    |    | 17,40 |
| 50  | 1 1/2" NPT | R9200-4115-1210-70  | Ø65             | 1 1/4" NPT       | 162 | 270    |    | 75  | 1/2" - 1" BSPP     | 231 | 49    | 112    |  | 116 - 390 |  | 21 |     | 63 | 10 | 16 | 17,40 |
| 50  | 1 1/2" BSP | R9200-4215-1210-216 | 2" BSP - RH     | 1 1/4" BSP       | 162 | 270    | 30 | 75  | 1/2" - 1" BSPP     | 231 | 49    | 112    |  | 116 - 390 |  | 21 | 60  |    |    |    | 17,40 |
| 50  | 1 1/2" BSP | R9200-4215-1210-217 | 2" BSP - LH     | 1 1/4" BSP       | 162 | 270    | 30 | 75  | 1/2" - 1" BSPP     | 231 | 49    | 112    |  | 116 - 390 |  | 21 | 60  |    |    |    | 17,40 |
| 50  | 1 1/2" BSP | R9200-4215-1210-70  | Ø65             | 1 1/4" BSP       | 162 | 270    |    | 75  | 1/2" - 1" BSPP     | 231 | 49    | 112    |  | 116 - 390 |  | 21 |     | 63 | 10 | 16 | 17,40 |
| 65  | 2" NPT     | R9250-4125-1010-118 | 2 1/2" NPT - RH | 1" NPT           | 185 | 308,50 | 38 | 95  | 3/4" - 1" BSPP     | 252 | 60,50 | 131    |  | 216 - 360 |  | 27 | 75  |    |    |    | 24,40 |
| 65  | 2" NPT     | R9150-4125-1010-119 | 2 1/2" NPT - LH | 1" NPT           | 185 | 308,50 | 38 | 95  | 3/4" - 1" BSPP     | 252 | 60,50 | 131    |  | 216 - 360 |  | 27 | 75  |    |    |    | 24,40 |
| 65  | 2" NPT     | R9150-4125-1010-70  | Ø76             | 1" NPT           | 185 | 308,50 |    | 95  | 3/4" - 1" BSPP     | 252 | 60,50 | 131    |  | 216 - 360 |  | 27 |     | 72 | 16 | 28 | 24,40 |
| 65  | 2" BSP     | R9150-4225-1010-218 | 2 1/2" BSP - RH | 1" BSP           | 185 | 308,50 | 38 | 95  | 3/4" - 1" BSPP     | 252 | 60,50 | 131    |  | 216 - 360 |  | 27 | 75  |    |    |    | 24,40 |
| 65  | 2" BSP     | R9150-4225-1010-219 | 2 1/2" BSP - LH | 1" BSP           | 185 | 308,50 | 38 | 95  | 3/4" - 1" BSPP     | 252 | 60,50 | 131    |  | 216 - 360 |  | 27 | 75  |    |    |    | 24,40 |
| 65  | 2" BSP     | R9150-4225-1010-70  | Ø76             | 1" BSP           | 185 | 308,50 |    | 95  | 3/4" - 1" BSPP     | 252 | 60,50 | 131    |  | 216 - 360 |  | 27 |     | 72 | 16 | 28 | 24,40 |
| 80  | 2 1/2" NPT | R9300-4125-1512-120 | 3" NPT - RH     | 1 " - 1 1/2" NPT | 200 | 346,50 | 32 | 99  | 3/4" - 1 1/2" BSPP | 305 | 73    | 160    |  | 230 - 495 |  | 33 | 85  |    |    |    | 35,55 |
| 80  | 2 1/2" NPT | R9300-4125-1512-121 | 3" NPT - LH     | 1 " - 1 1/2" NPT | 200 | 346,50 | 32 | 99  | 3/4" - 1 1/2" BSPP | 305 | 73    | 160    |  | 230 - 495 |  | 33 | 85  |    |    |    | 35,55 |
| 80  | 2 1/2" NPT | R9300-4125-1512-70  | Ø87,30          | 1 " - 1 1/2" NPT | 200 | 346,50 |    | 99  | 3/4" - 1 1/2" BSPP | 305 | 73    | 160    |  | 230 - 495 |  | 33 |     | 84 | 22 | 31 | 35,55 |
| 80  | 2 1/2" BSP | R9300-4225-1512-220 | 3" BSP - RH     | 1 " - 1 1/2" BSP | 200 | 346,50 | 32 | 99  | 3/4" - 1 1/2" BSPP | 305 | 73    | 160    |  | 230 - 495 |  | 33 | 85  |    |    |    | 35,55 |
| 80  | 2 1/2" BSP | R9300-4225-1512-221 | 3" BSP - LH     | 1 " - 1 1/2" BSP | 200 | 346,50 | 32 | 99  | 3/4" - 1 1/2" BSPP | 305 | 73    | 160    |  | 230 - 495 |  | 33 | 85  |    |    |    | 35,55 |
| 80  | 2 1/2" BSP | R9300-4225-1512-70  | Ø87,30          | 1 " - 1 1/2" BSP | 200 | 346,50 |    | 99  | 3/4" - 1 1/2" BSPP | 305 | 73    | 160    |  | 230 - 495 |  | 33 |     | 84 | 22 | 31 | 35,55 |
| 100 | 3" NPT     | R9400-4130-2020-124 | 4" NPT - RH     | 1 1/4" - 2" NPT  | 257 | 453    | 40 | 161 | 1" - 2" BSPP       | 392 | 98    | 231    |  | 235 - 375 |  | 41 | 115 |    |    |    | 58,80 |

|     |        |                     |             |                 |     |     |    |     |                      |     |     |        |  |           |  |    |     |     |    |    |        |
|-----|--------|---------------------|-------------|-----------------|-----|-----|----|-----|----------------------|-----|-----|--------|--|-----------|--|----|-----|-----|----|----|--------|
| 100 | 3" NPT | R9400-4130-2020-125 | 4" NPT - LH | 1 1/4" - 2" NPT | 257 | 453 | 40 | 161 | 1" - 2" BSPP         | 392 | 98  | 231    |  | 236 - 375 |  | 41 | 115 |     |    |    | 58,80  |
| 100 | 3" NPT | R9400-4130-2020-70  | Ø114        | 1 1/4" - 2" NPT | 257 | 453 |    | 161 | 1" - 2" BSPP         | 392 | 98  | 231    |  | 237 - 375 |  | 41 |     | 110 | 12 | 22 | 57,60  |
| 100 | 3" BSP | R9400-4230-2020-224 | 4" BSP - RH | 1 1/4" - 2" BSP | 257 | 453 | 40 | 161 | 1" - 2" BSPP         | 392 | 98  | 231    |  | 238 - 375 |  | 41 | 115 |     |    |    | 58,80  |
| 100 | 3" BSP | R9400-4230-2020-225 | 4" BSP - LH | 1 1/4" - 2" BSP | 257 | 453 | 40 | 161 | 1" - 2" BSPP         | 392 | 98  | 231    |  | 239 - 375 |  | 41 | 115 |     |    |    | 58,80  |
| 100 | 3" BSP | R9400-4230-2020-70  | Ø114        | 1 1/4" - 2" BSP | 257 | 453 |    | 161 | 1" - 2" BSPP         | 392 | 98  | 231    |  | 240 - 375 |  | 41 |     | 110 | 12 | 22 | 57,60  |
| 125 | 4" NPT | R9500-4140-3025-126 | 5" NPT - RH | 2" - 3" NPT     | 330 | 486 | 40 | 150 | 1 1/4" - 2 1/2" BSPP | 421 | 122 | 235,50 |  | 400 - 457 |  | 54 | 145 |     |    |    | 105,20 |
| 125 | 4" NPT | R9500-4140-3025-127 | 5" NPT - LH | 2" - 3" NPT     | 330 | 486 | 40 | 150 | 1 1/4" - 2 1/2" BSPP | 421 | 122 | 235,50 |  | 400 - 457 |  | 54 | 145 |     |    |    | 105,20 |
| 125 | 4" NPT | R9500-4140-3025-70  | Ø150        | 2" - 3" NPT     | 330 | 486 |    | 150 | 1 1/4" - 2 1/2" BSPP | 421 | 122 | 235,50 |  | 400 - 457 |  | 54 |     | 145 | 35 | 39 | 105,90 |
| 125 | 4" BSP | R9500-4240-3025-226 | 5" BSP - RH | 2" - 3" BSP     | 330 | 486 | 40 | 150 | 1 1/4" - 2 1/2" BSPP | 421 | 122 | 235,50 |  | 400 - 457 |  | 54 | 145 |     |    |    | 105,20 |
| 125 | 4" BSP | R9500-4240-3025-227 | 5" BSP - LH | 2" - 3" BSP     | 330 | 486 | 40 | 150 | 1 1/4" - 2 1/2" BSPP | 421 | 122 | 235,50 |  | 400 - 457 |  | 54 | 145 |     |    |    | 105,20 |
| 125 | 4" BSP | R9500-4240-3025-70  | Ø150        | 2" - 3" BSP     | 330 | 486 |    | 150 | 1 1/4" - 2 1/2" BSPP | 421 | 122 | 235,50 |  | 400 - 457 |  | 54 |     | 145 | 35 | 39 | 105,90 |



Rotary Joint

# 9000R-T5 Series



Rotary Joint for steam



Media Type

**Steam**



Max. Speed

**200 - 100 RPM**



Max. Pressure

**30 - 20 BAR**



Max. Temperature

**260 - 280 °C**



Connection Type

**BSPT, SSR, FL**



Rotor Size

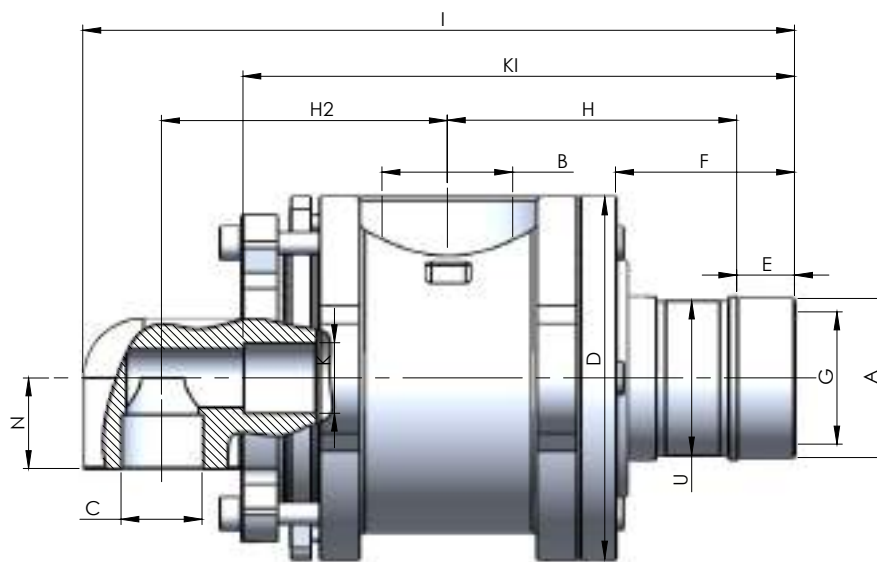
**3/4" DN20 - 5" DN125**

- ✓ Duoflow design
- ✓ Nodular casting housing
- ✓ Stainless steel shaft and inner components
- ✓ Carbon Graphite sealing parts
- ✓ Stationary or rotating siphon system
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS



| SIZE | B          | MODEL NO            | A               | C             | DØ  | I      | E  | F  | K                | KI     | GØ | H      | H2    | W         | N  | OØ | U  | L  | S  | T  | KG    |
|------|------------|---------------------|-----------------|---------------|-----|--------|----|----|------------------|--------|----|--------|-------|-----------|----|----|----|----|----|----|-------|
| 20   | 3/4" NPT   | R9075-5107-0504-108 | 3/4" NPT - RH   | 1/2" NPT      | 87  | 182,50 | 20 | 45 | 1/8" - 1/4" BSPP | 154,50 | 18 | 67     | 77,50 | 108       | 20 | 13 | 32 |    |    |    | 2,97  |
| 20   | 3/4" NPT   | R9075-5107-0504-109 | 3/4" NPT - LH   | 1/2" NPT      | 87  | 182,50 | 20 | 45 | 1/8" - 1/4" BSPP | 154,50 | 18 | 67     | 77,50 | 108       | 20 | 13 | 32 |    |    |    | 2,97  |
| 20   | 3/4" NPT   | R9075-5107-0504-70  | Ø30             | 1/2" NPT      | 87  | 182,50 |    | 45 | 1/8" - 1/4" BSPP | 154,50 | 18 | 67     | 77,50 | 108       | 20 | 13 |    | 28 | 8  | 13 | 2,97  |
| 20   | 3/4" BSP   | R9075-5207-0504-208 | 3/4" BSP - RH   | 1/2" BSP      | 87  | 182,50 | 20 | 45 | 1/8" - 1/4" BSPP | 154,50 | 18 | 67     | 77,50 | 108       | 20 | 13 | 32 |    |    |    | 2,97  |
| 20   | 3/4" BSP   | R9075-5207-0504-209 | 3/4" BSP - LH   | 1/2" BSP      | 87  | 182,50 | 20 | 45 | 1/8" - 1/4" BSPP | 154,50 | 18 | 67     | 77,50 | 108       | 20 | 13 | 32 |    |    |    | 2,97  |
| 20   | 3/4" BSP   | R9075-5207-0504-70  | Ø30             | 1/2" BSP      | 87  | 182,50 |    | 45 | 1/8" - 1/4" BSPP | 154,50 | 18 | 67     | 77,50 | 108       | 20 | 13 |    | 28 | 8  | 13 | 2,97  |
| 25   | 3/4" NPT   | R9100-5107-0503-110 | 1" NPT - RH     | 1/2" NPT      | 108 | 224    | 22 | 79 | 1/4" - 3/8" BSPP | 193    | 25 | 101,50 | 82    | 108 - 248 | 25 | 13 | 32 |    |    |    | 5,65  |
| 25   | 3/4" NPT   | R9100-5107-0503-111 | 1" NPT - LH     | 1/2" NPT      | 108 | 224    | 22 | 79 | 1/4" - 3/8" BSPP | 193    | 25 | 101,50 | 82    | 108 - 248 | 25 | 13 | 32 |    |    |    | 5,65  |
| 25   | 3/4" NPT   | R9100-5107-0503-70  | Ø35             | 1/2" NPT      | 108 | 224    |    | 79 | 1/4" - 3/8" BSPP | 193    | 25 | 102,50 | 82    | 108 - 248 | 25 | 13 |    | 33 | 8  | 13 | 5,65  |
| 25   | 3/4" BSP   | R9100-5207-0503-210 | 1" BSP - RH     | 1/2" BSP      | 108 | 224    | 22 | 79 | 1/4" - 3/8" BSPP | 193    | 25 | 101,50 | 82    | 108 - 248 | 25 | 13 | 32 |    |    |    | 5,65  |
| 25   | 3/4" BSP   | R9100-5207-0503-211 | 1" BSP - LH     | 1/2" BSP      | 108 | 224    | 22 | 79 | 1/4" - 3/8" BSPP | 193    | 25 | 101,50 | 82    | 108 - 248 | 25 | 13 | 32 |    |    |    | 5,65  |
| 25   | 3/4" BSP   | R9100-5207-0503-70  | Ø35             | 1/2" BSP      | 108 | 224    |    | 79 | 1/4" - 3/8" BSPP | 193    | 25 | 102,50 | 82    | 108 - 248 | 25 | 13 |    | 33 | 8  | 13 | 5,65  |
| 32   | 1" NPT     | R9120-5110-0705-112 | 1 1/4" NPT - RH | 1/2" NPT      | 116 | 227    | 25 | 65 | 3/8" - 1/2" BSPP | 186    | 32 | 88,50  | 88,50 | 164 - 276 | 34 | 13 | 41 |    |    |    | 6,65  |
| 32   | 1" NPT     | R9120-5110-0705-113 | 1 1/4" NPT - LH | 1/2" NPT      | 116 | 227    | 25 | 65 | 3/8" - 1/2" BSPP | 186    | 32 | 88,50  | 88,50 | 165 - 276 | 34 | 13 | 41 |    |    |    | 6,65  |
| 32   | 1" NPT     | R9120-5110-0705-70  | Ø47,50          | 1/2" NPT      | 116 | 227    |    | 65 | 3/8" - 1/2" BSPP | 186    | 32 | 88,50  | 88,50 | 166 - 276 | 34 | 13 |    | 45 | 13 | 23 | 6,65  |
| 32   | 1" BSP     | R9120-5210-0705-112 | 1 1/4" BSP - RH | 1/2" BSP      | 116 | 227    | 25 | 65 | 3/8" - 1/2" BSPP | 186    | 32 | 88,50  | 88,50 | 167 - 276 | 34 | 13 | 41 |    |    |    | 6,65  |
| 32   | 1" BSP     | R9120-5210-0705-113 | 1 1/4" BSP - LH | 1/2" BSP      | 116 | 227    | 25 | 65 | 3/8" - 1/2" BSPP | 186    | 32 | 88,50  | 88,50 | 168 - 276 | 34 | 13 | 41 |    |    |    | 6,65  |
| 32   | 1" BSP     | R9120-5210-0705-70  | Ø47,50          | 1/2" BSP      | 116 | 227    |    | 65 | 3/8" - 1/2" BSPP | 186    | 32 | 88,50  | 88,50 | 169 - 276 | 34 | 13 |    | 45 | 13 | 23 | 6,65  |
| 40   | 1 1/4" NPT | R9150-5112-1007-114 | 1 1/2" NPT - RH | 3/4" - 1" NPT | 152 | 261    | 27 | 75 | 1/2" - 3/4" BSPP | 215    | 40 | 105,50 | 99,50 | 191 - 343 | 35 | 21 | 50 |    |    |    | 12,90 |
| 40   | 1 1/4" NPT | R9150-5112-1007-115 | 1 1/2" NPT - LH | 3/4" - 1" NPT | 152 | 261    | 27 | 75 | 1/2" - 3/4" BSPP | 215    | 40 | 105,50 | 99,50 | 191 - 343 | 35 | 21 | 50 |    |    |    | 12,90 |
| 40   | 1 1/4" NPT | R9150-5112-1007-70  | Ø50             | 3/4" - 1" NPT | 152 | 261    |    | 75 | 1/2" - 3/4" BSPP | 215    | 40 | 106,50 | 99,50 | 191 - 343 | 35 | 21 |    | 18 | 10 | 16 | 12,90 |





|     |            |                     |                 |                     |     |        |    |     |                    |     |       |        |       |           |    |    |     |    |    |    |       |
|-----|------------|---------------------|-----------------|---------------------|-----|--------|----|-----|--------------------|-----|-------|--------|-------|-----------|----|----|-----|----|----|----|-------|
| 40  | 1 1/4" BSP | R9150-5212-1007-214 | 1 1/2" BSP - RH | 3/4" - 1" BSP       | 152 | 261    | 27 | 75  | 1/2" - 3/4" BSPP   | 215 | 40    | 105,50 | 99,50 | 191 - 343 | 35 | 21 | 50  |    |    |    | 12,90 |
| 40  | 1 1/4" BSP | R9150-5212-1007-215 | 1 1/2" BSP - LH | 3/4" - 1" BSP       | 152 | 261    | 27 | 75  | 1/2" - 3/4" BSPP   | 215 | 40    | 105,50 | 99,50 | 191 - 343 | 35 | 21 | 50  |    |    |    | 12,90 |
| 40  | 1 1/4" BSP | R9150-5212-1007-70  | Ø50             | 3/4" - 1" BSP       | 152 | 261    |    | 75  | 1/2" - 3/4" BSPP   | 215 | 40    | 106,50 | 99,50 | 191 - 343 | 35 | 21 |     | 48 | 10 | 16 | 12,90 |
| 50  | 1 1/2" NPT | R9200-5115-1210-116 | 2" NPT - RH     | 3/4" - 1 1/4 NPT    | 162 | 296    | 30 | 75  | 1/2" - 1" BSPP     | 241 | 49    | 112    | 121   | 116 - 390 | 45 | 21 | 60  |    |    |    | 17,75 |
| 50  | 1 1/2" NPT | R9200-5115-1210-117 | 2" NPT - LH     | 3/4" - 1 1/4 NPT    | 162 | 296    | 30 | 75  | 1/2" - 1" BSPP     | 241 | 49    | 112    | 121   | 116 - 390 | 45 | 21 | 60  |    |    |    | 17,75 |
| 50  | 1 1/2" NPT | R9200-5115-1210-70  | Ø65             | 3/4" - 1 1/4 NPT    | 162 | 296    |    | 75  | 1/2" - 1" BSPP     | 241 | 49    | 112    | 121   | 116 - 390 | 45 | 21 |     | 63 | 10 | 16 | 17,75 |
| 50  | 1 1/2" BSP | R9200-5215-1210-216 | 2" BSP - RH     | 3/4" - 1 1/4" BSP   | 162 | 296    | 30 | 75  | 1/2" - 1" BSPP     | 241 | 49    | 112    | 121   | 116 - 390 | 45 | 21 | 60  |    |    |    | 17,75 |
| 50  | 1 1/2" BSP | R9200-5215-1210-217 | 2" BSP - LH     | 3/4" - 1 1/4" BSP   | 162 | 296    | 30 | 75  | 1/2" - 1" BSPP     | 241 | 49    | 112    | 121   | 116 - 390 | 45 | 21 | 60  |    |    |    | 17,75 |
| 50  | 1 1/2" BSP | R9200-5215-1210-70  | Ø65             | 3/4" - 1 1/4" BSP   | 162 | 296    |    | 75  | 1/2" - 1" BSPP     | 241 | 49    | 112    | 121   | 116 - 390 | 45 | 21 |     | 63 | 10 | 16 | 17,75 |
| 65  | 2" NPT     | R9250-5125-1010-118 | 2 1/2" NPT - RH | 1" NPT              | 185 | 343,50 | 38 | 95  | 3/4" - 1" BSPP     | 262 | 60,50 | 131    | 137   | 216 - 360 | 45 | 27 | 75  |    |    |    | 25,40 |
| 65  | 2" NPT     | R9150-5125-1010-119 | 2 1/2" NPT - LH | 1" NPT              | 185 | 343,50 | 38 | 95  | 3/4" - 1" BSPP     | 262 | 60,50 | 131    | 137   | 216 - 360 | 45 | 27 | 75  |    |    |    | 25,40 |
| 65  | 2" NPT     | R9150-5125-1010-70  | Ø76             | 1" NPT              | 185 | 343,50 |    | 95  | 3/4" - 1" BSPP     | 262 | 60,50 | 131    | 137   | 216 - 360 | 45 | 27 |     | 72 | 16 | 28 | 25,40 |
| 65  | 2" BSP     | R9150-5225-1010-218 | 2 1/2" BSP - RH | 1" BSP              | 185 | 343,50 | 38 | 95  | 3/4" - 1" BSPP     | 262 | 60,50 | 131    | 137   | 216 - 360 | 45 | 27 | 75  |    |    |    | 25,40 |
| 65  | 2" BSP     | R9150-5225-1010-219 | 2 1/2" BSP - LH | 1" BSP              | 185 | 343,50 | 38 | 95  | 3/4" - 1" BSPP     | 262 | 60,50 | 131    | 137   | 216 - 360 | 45 | 27 | 75  |    |    |    | 25,40 |
| 65  | 2" BSP     | R9150-5225-1010-70  | Ø76             | 1" BSP              | 185 | 343,50 |    | 95  | 3/4" - 1" BSPP     | 262 | 60,50 | 131    | 137   | 216 - 360 | 45 | 27 |     | 72 | 16 | 28 | 25,40 |
| 80  | 2 1/2" NPT | R9300-5125-1512-120 | 3" NPT - RH     | 1 1/4" - 1 1/2" NPT | 200 | 393,50 | 32 | 99  | 3/4" - 1 1/2" BSPP | 305 | 73    | 160    | 158   | 230 - 495 | 50 | 33 | 85  |    |    |    | 36,70 |
| 80  | 2 1/2" NPT | R9300-5125-1512-121 | 3" NPT - LH     | 1 1/4" - 1 1/2" NPT | 200 | 393,50 | 32 | 99  | 3/4" - 1 1/2" BSPP | 305 | 73    | 160    | 158   | 230 - 495 | 50 | 33 | 85  |    |    |    | 36,70 |
| 80  | 2 1/2" NPT | R9300-5125-1512-70  | Ø87,30          | 1 1/4" - 1 1/2" NPT | 200 | 393,50 |    | 99  | 3/4" - 1 1/2" BSPP | 305 | 73    | 160    | 158   | 230 - 495 | 50 | 33 |     | 84 | 22 | 31 | 36,70 |
| 80  | 2 1/2" BSP | R9300-5225-1512-220 | 3" BSP - RH     | 1 1/4" - 1 1/2" BSP | 200 | 393,50 | 32 | 99  | 3/4" - 1 1/2" BSPP | 305 | 73    | 160    | 158   | 230 - 495 | 50 | 33 | 85  |    |    |    | 36,70 |
| 80  | 2 1/2" BSP | R9300-5225-1512-221 | 3" BSP - LH     | 1 1/4" - 1 1/2" BSP | 200 | 393,50 | 32 | 99  | 3/4" - 1 1/2" BSPP | 305 | 73    | 160    | 158   | 230 - 495 | 50 | 33 | 85  |    |    |    | 36,70 |
| 80  | 2 1/2" BSP | R9300-5225-1512-70  | Ø87,30          | 1 1/4" - 1 1/2" BSP | 200 | 393,50 |    | 99  | 3/4" - 1 1/2" BSPP | 305 | 73    | 160    | 158   | 230 - 495 | 50 | 33 |     | 84 | 22 | 31 | 36,70 |
| 100 | 3" NPT     | R9400-5130-2020-124 | 4" NPT - RH     | 1" - 2" NPT         | 257 | 528    | 40 | 161 | 1" - 2" BSPP       | 397 | 98    | 231    | 197   | 235 - 375 | 59 | 41 | 115 |    |    |    | 61,90 |

|     |        |                     |             |             |     |     |    |     |                      |     |     |        |     |           |    |    |     |     |    |    |        |
|-----|--------|---------------------|-------------|-------------|-----|-----|----|-----|----------------------|-----|-----|--------|-----|-----------|----|----|-----|-----|----|----|--------|
| 100 | 3" NPT | R9400-5130-2020-125 | 4" NPT - LH | 1" - 2" NPT | 257 | 528 | 40 | 161 | 1" - 2" BSPP         | 397 | 98  | 231    | 197 | 235 - 375 | 59 | 41 | 115 |     |    |    | 61,90  |
| 100 | 3" NPT | R9400-5130-2020-70  | Ø114        | 1" - 2" NPT | 257 | 528 |    | 161 | 1" - 2" BSPP         | 397 | 98  | 231    | 197 | 235 - 375 | 59 | 41 |     | 110 | 12 | 22 | 60,60  |
| 100 | 3" BSP | R9400-5230-2020-224 | 4" BSP - RH | 1" - 2" BSP | 257 | 528 | 40 | 161 | 1" - 2" BSPP         | 397 | 98  | 231    | 197 | 235 - 375 | 59 | 41 | 115 |     |    |    | 61,90  |
| 100 | 3" BSP | R9400-5230-2020-225 | 4" BSP - LH | 1" - 2" BSP | 257 | 528 | 40 | 161 | 1" - 2" BSPP         | 397 | 98  | 231    | 197 | 235 - 375 | 59 | 41 | 115 |     |    |    | 61,90  |
| 100 | 3" BSP | R9400-5230-2020-70  | Ø114        | 1" - 2" BSP | 257 | 528 |    | 161 | 1" - 2" BSPP         | 397 | 98  | 231    | 197 | 235 - 375 | 59 | 41 |     | 110 | 12 | 22 | 60,60  |
| 125 | 4" NPT | R9500-5140-3025-126 | 5" NPT - RH | 2" - 3" NPT | 330 | 601 | 40 | 150 | 1 1/4" - 2 1/2" BSPP | 421 | 122 | 235,50 | 243 | 400 - 457 | 85 | 54 | 145 |     |    |    | 114,20 |
| 125 | 4" NPT | R9500-5140-3025-127 | 5" NPT - LH | 2" - 3" NPT | 330 | 601 | 40 | 150 | 1 1/4" - 2 1/2" BSPP | 421 | 122 | 235,50 | 243 | 400 - 457 | 85 | 54 | 145 |     |    |    | 114,20 |
| 125 | 4" NPT | R9500-5140-3025-70  | Ø150        | 2" - 3" NPT | 330 | 601 |    | 150 | 1 1/4" - 2 1/2" BSPP | 421 | 122 | 235,50 | 243 | 400 - 457 | 85 | 54 |     | 145 | 35 | 39 | 114,90 |
| 125 | 4" BSP | R9500-5240-3025-226 | 5" BSP - RH | 2" - 3" BSP | 330 | 601 | 40 | 150 | 1 1/4" - 2 1/2" BSPP | 421 | 122 | 235,50 | 243 | 400 - 457 | 85 | 54 | 145 |     |    |    | 114,20 |
| 125 | 4" BSP | R9500-5240-3025-227 | 5" BSP - LH | 2" - 3" BSP | 330 | 601 | 40 | 150 | 1 1/4" - 2 1/2" BSPP | 421 | 122 | 235,50 | 243 | 400 - 457 | 85 | 54 | 145 |     |    |    | 114,20 |
| 125 | 4" BSP | R9500-5240-3025-70  | Ø150        | 2" - 3" BSP | 330 | 601 |    | 150 | 1 1/4" - 2 1/2" BSPP | 421 | 122 | 235,50 | 243 | 400 - 457 | 85 | 54 |     | 145 | 35 | 39 | 114,90 |





# ROTOTECH ROTARY JOINTS

— 9000S SERIES —



**9000S**  
S E R I E S



Rotary Joint

# 9000S-T1 Series



Media Type

**Steam**



Max. Speed

**400 RPM**



Max. Pressure

**17 BAR**



Max. Temperature

**180 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**2 1/2" DN65 - 4"  
DN100**



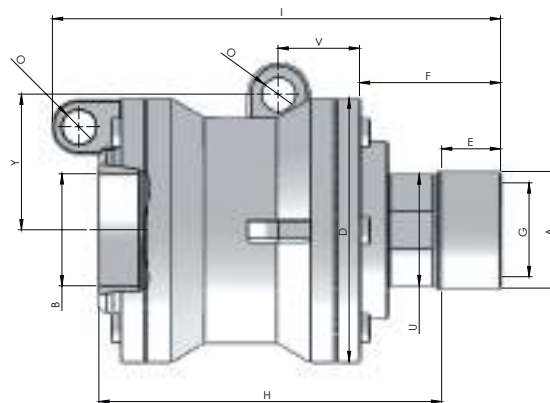
Rotary Joint for steam

- ✓ Single & duoflow design
- ✓ Nodular casting housing
- ✓ Stainless steel shaft and inner components
- ✓ Carbon Graphite sealing parts
- ✓ Stationary or rotating siphon system
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS



| SIZE | B        | MODEL NO           | A             | D  | I   | E  | F  | GØ | H   | V     | Y  | U  | OØ | LØ | S | T  | KG   |
|------|----------|--------------------|---------------|----|-----|----|----|----|-----|-------|----|----|----|----|---|----|------|
| 15   | 1/2" NPT | S9050-1105-0000-10 | 1/2" NPT - RH | 68 | 157 | 18 | 59 | 13 | 123 | 29,50 | 37 | 22 | 10 |    |   |    | 1,65 |
| 15   | 1/2" NPT | S9050-1105-0000-20 | 1/2" NPT - LH | 68 | 157 | 18 | 59 | 13 | 123 | 29,50 | 37 | 22 | 10 |    |   |    | 1,65 |
| 15   | 1/2" NPT | S9050-1105-0000-70 | Ø24           | 68 | 157 |    | 59 | 13 | 123 | 29,50 | 37 |    | 10 | 22 | 6 | 11 | 1,65 |
| 15   | 1/2" BSP | S9050-1205-0000-30 | 1/2" BSP - RH | 68 | 157 | 18 | 59 | 13 | 123 | 29,50 | 37 | 22 | 10 |    |   |    | 1,65 |
| 15   | 1/2" BSP | S9050-1205-0000-40 | 1/2" BSP - RH | 68 | 157 | 18 | 59 | 13 | 123 | 29,50 | 37 | 22 | 10 | 22 | 6 | 11 | 1,65 |
| 15   | 1/2" BSP | S9050-1205-0000-70 | Ø24           | 68 | 157 |    | 59 | 13 | 123 | 29,50 | 37 |    | 10 |    |   |    | 1,65 |
| 20   | 3/4" NPT | S9070-1107-0000-10 | 3/4" NPT - RH | 74 | 161 | 20 | 62 | 18 | 125 | 29,50 | 40 | 27 | 10 |    |   |    | 1,95 |
| 20   | 3/4" NPT | S9070-1107-0000-20 | 3/4" NPT - LH | 74 | 161 | 20 | 62 | 18 | 125 | 29,50 | 40 | 27 | 10 |    |   |    | 1,95 |
| 20   | 3/4" NPT | S9070-1107-0000-70 | Ø30           | 74 | 161 |    | 62 | 18 | 125 | 29,50 | 40 |    | 10 | 28 | 8 | 13 | 1,95 |
| 20   | 3/4" BSP | S9070-1207-0000-30 | 3/4" BSP - RH | 74 | 161 | 20 | 62 | 18 | 125 | 29,50 | 40 | 27 | 10 |    |   |    | 1,95 |
| 20   | 3/4" BSP | S9070-1207-0000-40 | 3/4" BSP - RH | 74 | 161 | 20 | 62 | 18 | 125 | 29,50 | 40 | 27 | 10 | 28 | 8 | 13 | 1,95 |
| 20   | 3/4" BSP | S9070-1207-0000-70 | Ø30           | 74 | 161 |    | 62 | 18 | 125 | 29,50 | 40 |    | 10 |    |   |    | 1,95 |





|     |            |                    |                 |     |     |    |     |       |     |       |        |       |    |     |    |    |       |
|-----|------------|--------------------|-----------------|-----|-----|----|-----|-------|-----|-------|--------|-------|----|-----|----|----|-------|
| 25  | 1" NPT     | S9100-1110-0000-10 | 1" NPT - RH     | 80  | 169 | 22 | 64  | 25    | 131 | 29,50 | 43     | 32    | 10 |     |    |    | 2,27  |
| 25  | 1" NPT     | S9100-1110-0000-20 | 1" NPT - LH     | 80  | 169 | 22 | 64  | 25    | 131 | 29,50 | 43     | 32    | 10 |     |    |    | 2,27  |
| 25  | 1" NPT     | S9100-1110-0000-70 | Ø35             | 80  | 169 |    | 64  | 25    | 132 | 29,50 | 43     |       | 10 | 33  | 8  | 13 | 2,27  |
| 25  | 1" BSP     | S9100-1210-0000-30 | 1" BSP - RH     | 80  | 169 | 22 | 64  | 25    | 131 | 29,50 | 43     | 32    | 10 |     |    |    | 2,27  |
| 25  | 1" BSP     | S9100-1210-0000-40 | 1" BSP - RH     | 80  | 169 | 22 | 64  | 25    | 131 | 29,50 | 43     | 32    | 10 | 33  | 8  | 13 | 2,27  |
| 25  | 1" BSP     | S9100-1210-0000-70 | Ø35             | 80  | 169 |    | 64  | 25    | 132 | 29,50 | 43     |       | 10 |     |    |    | 2,27  |
| 32  | 1 1/4" NPT | S9120-1112-0000-10 | 1 1/4" NPT - RH | 103 | 197 | 25 | 73  | 32    | 154 | 34,50 | 56     | 41    | 14 |     |    |    | 4,25  |
| 32  | 1 1/4" NPT | S9120-1112-0000-20 | 1 1/4" NPT - LH | 103 | 197 | 25 | 73  | 32    | 154 | 34,50 | 56     | 41    | 14 |     |    |    | 4,25  |
| 32  | 1 1/4" NPT | S9120-1112-0000-70 | Ø45             | 103 | 197 |    | 73  | 32    | 154 | 34,50 | 56     |       | 14 | 43  | 8  | 17 | 4,25  |
| 32  | 1 1/4" BSP | S9120-1212-0000-30 | 1 1/4" BSP - RH | 103 | 197 | 25 | 73  | 32    | 154 | 34,50 | 56     | 41    | 14 |     |    |    | 4,25  |
| 32  | 1 1/4" BSP | S9120-1212-0000-40 | 1 1/4" BSP - RH | 103 | 197 | 25 | 73  | 32    | 154 | 34,50 | 56     | 41    | 14 | 43  | 8  | 17 | 4,25  |
| 32  | 1 1/4" BSP | S9120-1212-0000-70 | Ø45             | 103 | 197 |    | 73  | 32    | 154 | 34,50 | 56     |       | 14 |     |    |    | 4,25  |
| 40  | 1 1/2" NPT | S9150-1115-0000-10 | 1 1/2" NPT - RH | 112 | 208 | 27 | 72  | 38    | 158 | 34,50 | 64     | 50    | 18 |     |    |    | 5,20  |
| 40  | 1 1/2" NPT | S9150-1115-0000-20 | 1 1/2" NPT - LH | 112 | 208 | 27 | 72  | 38    | 158 | 34,50 | 64     | 50    | 18 |     |    |    | 5,20  |
| 40  | 1 1/2" NPT | S9150-1115-0000-70 | Ø50             | 112 | 208 |    | 72  | 38    | 159 | 34,50 | 64     |       | 18 | 48  | 10 | 16 | 5,20  |
| 40  | 1 1/2" BSP | S9150-1215-0000-30 | 1 1/2" BSP - RH | 112 | 208 | 27 | 72  | 38    | 158 | 34,50 | 64     | 50    | 18 |     |    |    | 5,20  |
| 40  | 1 1/2" BSP | S9150-1215-0000-40 | 1 1/2" BSP - RH | 112 | 208 | 27 | 72  | 38    | 158 | 34,50 | 64     | 50    | 18 |     |    |    | 5,20  |
| 40  | 1 1/2" BSP | S9150-1215-0000-70 | Ø50             | 112 | 208 |    | 72  | 38    | 159 | 34,50 | 64     |       | 18 | 48  | 10 | 16 | 5,20  |
| 50  | 2" NPT     | S9200-1120-0000-10 | 2" NPT - RH     | 124 | 232 | 30 | 81  | 49    | 176 | 37,50 | 69     | 60    | 18 |     |    |    | 6,75  |
| 50  | 2" NPT     | S9200-1120-0000-20 | 2" NPT - LH     | 124 | 232 | 30 | 81  | 49    | 176 | 37,50 | 69     | 60    | 18 |     |    |    | 6,75  |
| 50  | 2" NPT     | S9200-1120-0000-70 | Ø65             | 124 | 232 |    | 81  | 49    | 176 | 37,50 | 69     |       | 18 | 63  | 10 | 16 | 6,75  |
| 50  | 2" BSP     | S9200-1220-0000-30 | 2" BSP - RH     | 124 | 232 | 30 | 81  | 49    | 176 | 37,50 | 69     | 60    | 18 |     |    |    | 6,75  |
| 50  | 2" BSP     | S9200-1220-0000-40 | 2" BSP - RH     | 124 | 232 | 30 | 81  | 49    | 176 | 37,50 | 69     | 60    | 18 |     |    |    | 6,75  |
| 50  | 2" BSP     | S9200-1220-0000-70 | Ø65             | 124 | 232 |    | 81  | 49    | 176 | 37,50 | 69     |       | 18 | 63  | 10 | 16 | 6,75  |
| 65  | 2 1/2" NPT | S9250-1125-0000-10 | 2 1/2" NPT - RH | 170 | 289 | 38 | 91  | 60,50 | 221 | 52,50 | 87,50  | 72    | 22 |     |    |    | 16,90 |
| 65  | 2 1/2" NPT | S9250-1125-0000-20 | 2 1/2" NPT - LH | 170 | 289 | 38 | 91  | 60,50 | 221 | 52,50 | 87,50  | 72    | 22 |     |    |    | 16,90 |
| 65  | 2 1/2" NPT | S9250-1125-0000-70 | Ø65             | 170 | 289 |    | 91  | 60,50 | 231 | 52,50 | 87,50  |       | 22 | 72  | 10 | 18 | 16,90 |
| 65  | 2 1/2" BSP | S9250-1225-0000-30 | 2 1/2" BSP - RH | 170 | 289 | 38 | 91  | 60,50 | 221 | 52,50 | 87,50  | 72    | 22 |     |    |    | 16,90 |
| 65  | 2 1/2" BSP | S9250-1225-0000-40 | 2 1/2" BSP - RH | 170 | 289 | 38 | 91  | 60,50 | 221 | 52,50 | 87,50  | 72    | 22 |     |    |    | 16,90 |
| 65  | 2 1/2" BSP | S9250-1225-0000-70 | Ø65             | 170 | 289 |    | 91  | 60,50 | 231 | 52,50 | 87,50  |       | 22 | 72  | 10 | 18 | 16,90 |
| 80  | 3" NPT     | S9300-1130-0000-10 | 3" NPT - RH     | 190 | 329 | 44 | 118 | 73    | 248 | 61,50 | 105    | 85,70 | 28 |     |    |    | 23    |
| 80  | 3" NPT     | S9300-1130-0000-20 | 3" NPT - LH     | 190 | 329 | 44 | 118 | 73    | 248 | 61,50 | 105    | 85,70 | 28 |     |    |    | 23    |
| 80  | 3" NPT     | S9300-1130-0000-70 | Ø87,3           | 190 | 329 |    | 118 | 73    | 248 | 61,50 | 105    |       | 28 | 84  | 22 | 31 | 23    |
| 80  | 3" BSP     | S9300-1230-0000-30 | 3" BSP - RH     | 190 | 329 | 44 | 118 | 73    | 248 | 61,50 | 105    | 85,70 | 28 |     |    |    | 23    |
| 80  | 3" BSP     | S9300-1230-0000-40 | 3" BSP - RH     | 190 | 329 | 44 | 118 | 73    | 248 | 61,50 | 105    | 85,70 | 28 |     |    |    | 23    |
| 80  | 3" BSP     | S9300-1230-0000-70 | Ø87,3           | 190 | 329 |    | 118 | 73    | 248 | 61,50 | 105    |       | 28 | 84  | 22 | 31 | 23    |
| 100 | 4" NPT     | S9400-1140-0000-10 | 4" NPT - RH     | 240 | 398 | 40 | 143 | 98    | 321 | 69    | 127,50 | 115   | 28 |     |    |    | 43,30 |
| 100 | 4" NPT     | S9400-1140-0000-20 | 4" NPT - LH     | 240 | 398 | 40 | 143 | 98    | 321 | 69    | 127,50 | 115   | 28 |     |    |    | 43,30 |
| 100 | 4" NPT     | S9400-1140-0000-70 | Ø114            | 240 | 398 |    | 143 | 98    | 327 | 69    | 127,50 |       | 28 | 110 | 12 | 22 | 43,30 |
| 100 | 4" BSP     | S9400-1240-0000-30 | 4" BSP - RH     | 240 | 398 | 40 | 143 | 98    | 321 | 69    | 127,50 | 115   | 28 |     |    |    | 43,30 |
| 100 | 4" BSP     | S9400-1240-0000-40 | 4" BSP - RH     | 240 | 398 | 40 | 143 | 98    | 321 | 69    | 127,50 | 115   | 28 |     |    |    | 43,30 |
| 100 | 4" BSP     | S9400-1240-0000-70 | Ø114            | 240 | 398 |    | 143 | 98    | 327 | 69    | 127,50 |       | 28 | 110 | 12 | 22 | 43,30 |

Rotary Joint

# 9000S-T2 Series



Media Type

**Steam**



Max. Speed

**400 RPM**



Max. Pressure

**17 BAR**



Max. Temperature

**180 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**2 1/2" DN65 - 4"  
DN100**



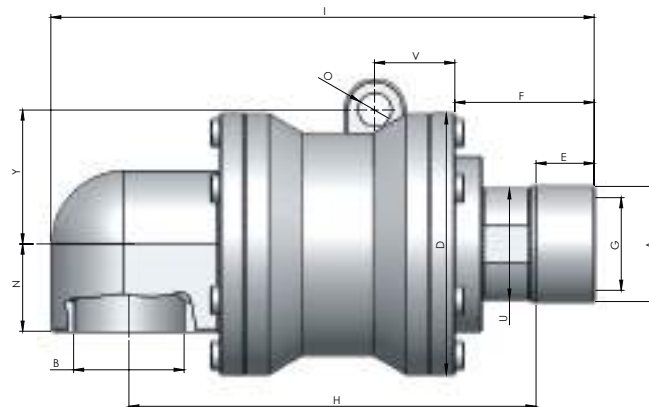
Rotary Joint for steam

- ✓ Single & duoflow design
- ✓ Nodular casting housing
- ✓ Stainless steel shaft and inner components
- ✓ Carbon Graphite sealing parts
- ✓ Stationary or rotating siphon system
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS





| SIZE | B          | MODEL NO           | A               | D   | I      | E  | F  | GØ | H      | V     | N     | Y  | U  | OØ | LØ | S  | T  | KG   |
|------|------------|--------------------|-----------------|-----|--------|----|----|----|--------|-------|-------|----|----|----|----|----|----|------|
| 15   | 1/2" NPT   | S9050-2105-0000-10 | 1/2" NPT - RH   | 68  | 173,50 | 18 | 59 | 13 | 137    | 29,50 | 22    | 37 | 22 | 10 |    |    |    | 1,75 |
| 15   | 1/2" NPT   | S9050-2105-0000-20 | 1/2" NPT - LH   | 68  | 173,50 | 18 | 59 | 13 | 137    | 29,50 | 22    | 37 | 22 | 10 |    |    |    | 1,75 |
| 15   | 1/2" NPT   | S9050-2105-0000-70 | Ø24             | 68  | 173,50 |    | 59 | 13 | 137    | 29,50 | 22    | 37 |    | 10 | 22 | 6  | 11 | 1,75 |
| 15   | 1/2" BSP   | S9050-2205-0000-30 | 1/2" BSP - RH   | 68  | 173,50 | 18 | 59 | 13 | 137    | 29,50 | 22    | 37 | 22 | 10 |    |    |    | 1,75 |
| 15   | 1/2" BSP   | S9050-2205-0000-40 | 1/2" BSP - RH   | 68  | 173,50 | 18 | 59 | 13 | 137    | 29,50 | 22    | 37 | 22 | 10 | 22 | 6  | 11 | 1,75 |
| 15   | 1/2" BSP   | S9050-2205-0000-70 | Ø24             | 68  | 173,50 |    | 59 | 13 | 137    | 29,50 | 22    | 37 |    | 10 |    |    |    | 1,75 |
| 20   | 3/4" NPT   | S9070-2107-0000-10 | 3/4" NPT - RH   | 74  | 183    | 20 | 62 | 18 | 142    | 29,50 | 25    | 40 | 27 | 10 |    |    |    | 2,15 |
| 20   | 3/4" NPT   | S9070-2107-0000-20 | 3/4" NPT - LH   | 74  | 183    | 20 | 62 | 18 | 142    | 29,50 | 25    | 40 | 27 | 10 |    |    |    | 2,15 |
| 20   | 3/4" NPT   | S9070-2107-0000-70 | Ø30             | 74  | 183    |    | 62 | 18 | 142    | 29,50 | 25    | 40 |    | 10 | 28 | 8  | 13 | 2,15 |
| 20   | 3/4" BSP   | S9070-2207-0000-30 | 3/4" BSP - RH   | 74  | 183    | 20 | 62 | 18 | 142    | 29,50 | 25    | 40 | 27 | 10 |    |    |    | 2,15 |
| 20   | 3/4" BSP   | S9070-2207-0000-40 | 3/4" BSP - RH   | 74  | 183    | 20 | 62 | 18 | 142    | 29,50 | 25    | 40 | 27 | 10 | 28 | 8  | 13 | 2,15 |
| 20   | 3/4" BSP   | S9070-2207-0000-70 | Ø30             | 74  | 183    |    | 62 | 18 | 142    | 29,50 | 25    | 40 |    | 10 |    |    |    | 2,15 |
| 25   | 1" NPT     | S9100-2110-0000-10 | 1" NPT - RH     | 80  | 197    | 22 | 64 | 25 | 151    | 29,50 | 28,50 | 43 | 32 | 10 |    |    |    | 2,57 |
| 25   | 1" NPT     | S9100-2110-0000-20 | 1" NPT - LH     | 80  | 197    | 22 | 64 | 25 | 151    | 29,50 | 28,50 | 43 | 32 | 10 |    |    |    | 2,57 |
| 25   | 1" NPT     | S9100-2110-0000-70 | Ø35             | 80  | 197    |    | 64 | 25 | 152    | 29,50 | 28,50 | 43 |    | 10 | 33 | 8  | 13 | 2,57 |
| 25   | 1" BSP     | S9100-2210-0000-30 | 1" BSP - RH     | 80  | 197    | 22 | 64 | 25 | 151    | 29,50 | 28,50 | 43 | 32 | 10 |    |    |    | 2,57 |
| 25   | 1" BSP     | S9100-2210-0000-40 | 1" BSP - RH     | 80  | 197    | 22 | 64 | 25 | 151    | 29,50 | 28,50 | 43 | 32 | 10 | 33 | 8  | 13 | 2,57 |
| 25   | 1" BSP     | S9100-2210-0000-70 | Ø35             | 80  | 197    |    | 64 | 25 | 152    | 29,50 | 28,50 | 43 |    | 10 |    |    |    | 2,57 |
| 32   | 1 1/4" NPT | S9120-2112-0000-10 | 1 1/4" NPT - RH | 103 | 230,50 | 25 | 73 | 32 | 176,50 | 34,50 | 35    | 56 | 41 | 14 |    |    |    | 4,75 |
| 32   | 1 1/4" NPT | S9120-2112-0000-20 | 1 1/4" NPT - LH | 103 | 230,50 | 25 | 73 | 32 | 176,50 | 34,50 | 35    | 56 | 41 | 14 |    |    |    | 4,75 |
| 32   | 1 1/4" NPT | S9120-2112-0000-70 | Ø45             | 103 | 230,50 |    | 73 | 32 | 176,50 | 34,50 | 35    | 56 |    | 14 | 43 | 8  | 17 | 4,75 |
| 32   | 1 1/4" BSP | S9120-2212-0000-30 | 1 1/4" BSP - RH | 103 | 230,50 | 25 | 73 | 32 | 176,50 | 34,50 | 35    | 56 | 41 | 14 |    |    |    | 4,75 |
| 32   | 1 1/4" BSP | S9120-2212-0000-40 | 1 1/4" BSP - RH | 103 | 230,50 | 25 | 73 | 32 | 176,50 | 34,50 | 35    | 56 | 41 | 14 | 43 | 8  | 17 | 4,75 |
| 32   | 1 1/4" BSP | S9120-2212-0000-70 | Ø45             | 103 | 230,50 |    | 73 | 32 | 176,50 | 34,50 | 35    | 56 |    | 14 |    |    |    | 4,75 |
| 40   | 1 1/2" NPT | S9150-2115-0000-10 | 1 1/2" NPT - RH | 112 | 243    | 27 | 72 | 38 | 182    | 34,50 | 41    | 64 | 50 | 18 |    |    |    | 5,85 |
| 40   | 1 1/2" NPT | S9150-2115-0000-20 | 1 1/2" NPT - LH | 112 | 243    | 27 | 72 | 38 | 182    | 34,50 | 41    | 64 | 50 | 18 |    |    |    | 5,85 |
| 40   | 1 1/2" NPT | S9150-2115-0000-70 | Ø50             | 112 | 243    |    | 72 | 38 | 183    | 34,50 | 41    | 64 |    | 18 | 48 | 10 | 16 | 5,85 |
| 40   | 1 1/2" BSP | S9150-2215-0000-30 | 1 1/2" BSP - RH | 112 | 243    | 27 | 72 | 38 | 182    | 34,50 | 41    | 64 | 50 | 18 |    |    |    | 5,85 |
| 40   | 1 1/2" BSP | S9150-2215-0000-40 | 1 1/2" BSP - RH | 112 | 243    | 27 | 72 | 38 | 182    | 34,50 | 41    | 64 | 50 | 18 |    |    |    | 5,85 |
| 40   | 1 1/2" BSP | S9150-2215-0000-70 | Ø50             | 112 | 243    |    | 72 | 38 | 183    | 34,50 | 41    | 64 |    | 18 | 48 | 10 | 16 | 5,85 |
| 50   | 2" NPT     | S9200-2120-0000-10 | 2" NPT - RH     | 124 | 278    | 30 | 81 | 49 | 206    | 37,50 | 47    | 69 | 60 | 18 |    |    |    | 7,85 |

|     |            |                    |                 |     |     |    |     |       |     |       |    |        |       |    |     |    |    |       |
|-----|------------|--------------------|-----------------|-----|-----|----|-----|-------|-----|-------|----|--------|-------|----|-----|----|----|-------|
| 50  | 2" NPT     | S9200-2120-0000-20 | 2" NPT - LH     | 124 | 278 | 30 | 81  | 49    | 206 | 37,50 | 47 | 69     | 60    | 18 |     |    |    | 7,85  |
| 50  | 2" NPT     | S9200-2120-0000-70 | Ø65             | 124 | 278 |    | 81  | 49    | 210 | 37,50 | 47 | 69     |       | 18 | 63  | 10 | 16 | 7,85  |
| 50  | 2" BSP     | S9200-2220-0000-30 | 2" BSP - RH     | 124 | 278 | 30 | 81  | 49    | 206 | 37,50 | 47 | 69     | 60    | 18 |     |    |    | 7,85  |
| 50  | 2" BSP     | S9200-2220-0000-40 | 2" BSP - RH     | 124 | 278 | 30 | 81  | 49    | 206 | 37,50 | 47 | 69     | 60    | 18 |     |    |    | 7,85  |
| 50  | 2" BSP     | S9200-2220-0000-70 | Ø65             | 124 | 278 |    | 81  | 49    | 210 | 37,50 | 47 | 69     |       | 18 | 63  | 10 | 16 | 7,85  |
| 65  | 2 1/2" NPT | S9250-2125-0000-10 | 2 1/2" NPT - RH | 170 | 355 | 38 | 91  | 60,50 | 266 | 52,50 | 57 | 87,50  | 72    | 22 |     |    |    | 18,80 |
| 65  | 2 1/2" NPT | S9250-2125-0000-20 | 2 1/2" NPT - LH | 170 | 355 | 38 | 91  | 60,50 | 266 | 52,50 | 57 | 87,50  | 72    | 22 |     |    |    | 18,80 |
| 65  | 2 1/2" NPT | S9250-2125-0000-70 | Ø65             | 170 | 355 |    | 91  | 60,50 | 276 | 52,50 | 57 | 87,50  |       | 22 | 72  | 10 | 18 | 18,80 |
| 65  | 2 1/2" BSP | S9250-2225-0000-30 | 2 1/2" BSP - RH | 170 | 355 | 38 | 91  | 60,50 | 266 | 52,50 | 57 | 87,50  | 72    | 22 |     |    |    | 18,80 |
| 65  | 2 1/2" BSP | S9250-2225-0000-40 | 2 1/2" BSP - RH | 170 | 355 | 38 | 91  | 60,50 | 266 | 52,50 | 57 | 87,50  | 72    | 22 |     |    |    | 18,80 |
| 65  | 2 1/2" BSP | S9250-2225-0000-70 | Ø65             | 170 | 355 |    | 91  | 60,50 | 276 | 52,50 | 57 | 87,50  |       | 22 | 72  | 10 | 18 | 18,80 |
| 80  | 3" NPT     | S9300-2130-0000-10 | 3" NPT - RH     | 190 | 405 | 44 | 118 | 73    | 300 | 61,50 |    | 105    | 85,70 | 28 |     |    |    | 26,55 |
| 80  | 3" NPT     | S9300-2130-0000-20 | 3" NPT - LH     | 190 | 405 | 44 | 118 | 73    | 300 | 61,50 |    | 105    | 85,70 | 28 |     |    |    | 26,55 |
| 80  | 3" NPT     | S9300-2130-0000-70 | Ø87,3           | 190 | 405 |    | 118 | 73    | 277 | 61,50 |    | 105    |       | 28 | 84  | 22 | 31 | 26,55 |
| 80  | 3" BSP     | S9300-2230-0000-30 | 3" BSP - RH     | 190 | 405 | 44 | 118 | 73    | 300 | 61,50 |    | 105    | 85,70 | 28 |     |    |    | 26,55 |
| 80  | 3" BSP     | S9300-2230-0000-40 | 3" BSP - RH     | 190 | 405 | 44 | 118 | 73    | 300 | 61,50 |    | 105    | 85,70 | 28 |     |    |    | 26,55 |
| 80  | 3" BSP     | S9300-2230-0000-70 | Ø87,3           | 190 | 405 |    | 118 | 73    | 277 | 61,50 |    | 105    |       | 28 | 84  | 22 | 31 | 26,55 |
| 100 | 4" NPT     | S9400-2140-0000-10 | 4" NPT - RH     | 240 | 507 | 40 | 143 | 98    | 387 | 69    |    | 127,50 | 115   | 28 |     |    |    | 50,65 |
| 100 | 4" NPT     | S9400-2140-0000-20 | 4" NPT - LH     | 240 | 507 | 40 | 143 | 98    | 387 | 69    |    | 127,50 | 115   | 28 |     |    |    | 50,65 |
| 100 | 4" NPT     | S9400-2140-0000-70 | Ø114            | 240 | 507 |    | 143 | 98    | 393 | 69    |    | 127,50 |       | 28 | 110 | 12 | 22 | 50,65 |
| 100 | 4" BSP     | S9400-2240-0000-30 | 4" BSP - RH     | 240 | 507 | 40 | 143 | 98    | 387 | 69    |    | 127,50 | 115   | 28 |     |    |    | 50,65 |
| 100 | 4" BSP     | S9400-2240-0000-40 | 4" BSP - RH     | 240 | 507 | 40 | 143 | 98    | 387 | 69    |    | 127,50 | 115   | 28 |     |    |    | 50,65 |
| 100 | 4" BSP     | S9400-2240-0000-70 | Ø114            | 240 | 507 |    | 143 | 98    | 393 | 69    |    | 127,50 |       | 28 | 110 | 12 | 22 | 50,65 |



Rotary Joint

# 9000S-T3 Series



Media Type

**Steam**



Max. Speed

**400 RPM**



Max. Pressure

**17 BAR**



Max. Temperature

**180 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**2 1/2" DN65 - 4"  
DN100**



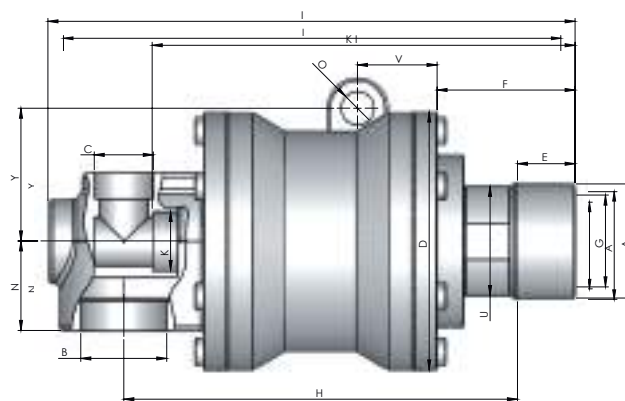
Rotary Joint for steam

- ✓ Single & duoflow design
- ✓ Nodular casting housing
- ✓ Stainless steel shaft and inner components
- ✓ Carbon Graphite sealing parts
- ✓ Stationary or rotating siphon system
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS



| SIZE | B          | MODEL NO           | A               | C        | DØ  | I      | E  | F  | K         | K I    | GØ | H      | V     | N     | Y  | U  | OØ | LØ | S  | T  | KG   |
|------|------------|--------------------|-----------------|----------|-----|--------|----|----|-----------|--------|----|--------|-------|-------|----|----|----|----|----|----|------|
| 15   | 1/2" NPT   | S9050-3105-0000-10 | 1/2" NPT - RH   | 1/4" NPT | 68  | 180    | 18 | 59 | 1/4" BSPP | 148,70 | 13 | 140    | 29,50 | 22    | 37 | 22 | 10 |    |    |    | 1,75 |
| 15   | 1/2" NPT   | S9050-3105-0000-20 | 1/2" NPT - LH   | 1/4" NPT | 68  | 180    | 18 | 59 | 1/4" BSPP | 148,70 | 13 | 140    | 29,50 | 22    | 37 | 22 | 10 |    |    |    | 1,75 |
| 15   | 1/2" NPT   | S9050-3105-0000-70 | Ø24             | 1/4" NPT | 68  | 180    |    | 59 | 1/4" BSPP | 148,70 | 13 | 141    | 29,50 | 22    | 37 |    | 10 | 22 | 6  | 11 | 1,75 |
| 15   | 1/2" BSP   | S9050-3205-0000-30 | 1/2" BSP - RH   | 1/4" BSP | 68  | 180    | 18 | 59 | 1/4" BSPP | 148,70 | 13 | 140    | 29,50 | 22    | 37 | 22 | 10 |    |    |    | 1,75 |
| 15   | 1/2" BSP   | S9050-3205-0000-40 | 1/2" BSP - RH   | 1/4" BSP | 68  | 180    | 18 | 59 | 1/4" BSPP | 148,70 | 13 | 140    | 29,50 | 22    | 37 | 22 | 10 | 22 | 6  | 11 | 1,75 |
| 15   | 1/2" BSP   | S9050-3205-0000-70 | Ø24             | 1/4" BSP | 68  | 180    |    | 59 | 1/4" BSPP | 148,70 | 13 | 141    | 29,50 | 22    | 37 |    | 10 |    |    |    | 1,75 |
| 20   | 1/2" NPT   | S9070-3107-0000-10 | 3/4" NPT - RH   | 3/8" NPT | 74  | 189    | 20 | 62 | 3/8" BSPP | 156    | 18 | 144    | 29,50 | 26    | 40 | 27 | 10 |    |    |    | 2,15 |
| 20   | 1/2" NPT   | S9070-3107-0000-20 | 3/4" NPT - LH   | 3/8" NPT | 74  | 189    | 20 | 62 | 3/8" BSPP | 156    | 18 | 144    | 29,50 | 26    | 40 | 27 | 10 |    |    |    | 2,15 |
| 20   | 1/2" NPT   | S9070-3107-0000-70 | Ø30             | 3/8" NPT | 74  | 189    |    | 62 | 3/8" BSPP | 156    | 18 | 143    | 29,50 | 26    | 40 |    | 10 | 28 | 8  | 13 | 2,15 |
| 20   | 1/2" BSP   | S9070-3207-0000-30 | 3/4" BSP - RH   | 3/8" BSP | 74  | 189    | 20 | 62 | 3/8" BSPP | 156    | 18 | 144    | 29,50 | 26    | 40 | 27 | 10 |    |    |    | 2,15 |
| 20   | 1/2" BSP   | S9070-3207-0000-40 | 3/4" BSP - RH   | 3/8" BSP | 74  | 189    | 20 | 62 | 3/8" BSPP | 156    | 18 | 144    | 29,50 | 26    | 40 | 27 | 10 | 28 | 8  | 13 | 2,15 |
| 20   | 1/2" BSP   | S9070-3207-0000-70 | Ø30             | 3/8" BSP | 74  | 189    |    | 62 | 3/8" BSPP | 156    | 18 | 143    | 29,50 | 26    | 40 |    | 10 |    |    |    | 2,15 |
| 25   | 3/4" NPT   | S9100-3110-0000-10 | 1" NPT - RH     | 1/2" NPT | 80  | 203    | 22 | 64 | 3/8" BSPP | 164    | 25 | 151    | 29,50 | 28,50 | 43 | 32 | 10 |    |    |    | 2,60 |
| 25   | 3/4" NPT   | S9100-3110-0000-20 | 1" NPT - LH     | 1/2" NPT | 80  | 203    | 22 | 64 | 3/8" BSPP | 164    | 25 | 151    | 29,50 | 28,50 | 43 | 32 | 10 |    |    |    | 2,60 |
| 25   | 3/4" NPT   | S9100-3110-0000-70 | Ø35             | 1/2" NPT | 80  | 203    |    | 64 | 3/8" BSPP | 164    | 25 | 152    | 29,50 | 28,50 | 43 |    | 10 | 33 | 8  | 13 | 2,60 |
| 25   | 3/4" BSP   | S9100-3210-0000-30 | 1" BSP - RH     | 1/2" BSP | 80  | 203    | 22 | 64 | 3/8" BSPP | 164    | 25 | 151    | 29,50 | 28,50 | 43 | 32 | 10 |    |    |    | 2,60 |
| 25   | 3/4" BSP   | S9100-3210-0000-40 | 1" BSP - RH     | 1/2" BSP | 80  | 203    | 22 | 64 | 3/8" BSPP | 164    | 25 | 151    | 29,50 | 28,50 | 43 | 32 | 10 | 33 | 8  | 13 | 2,60 |
| 25   | 3/4" BSP   | S9100-3210-0000-70 | Ø35             | 1/2" BSP | 80  | 203    |    | 64 | 3/8" BSPP | 164    | 25 | 152    | 29,50 | 28,50 | 43 |    | 10 |    |    |    | 2,60 |
| 32   | 1" NPT     | S9120-3112-0000-10 | 1 1/4" NPT - RH | 3/4" NPT | 103 | 230,50 | 25 | 73 | 1/2" BSPP | 194    | 32 | 176,50 | 34,50 | 35    | 56 | 41 | 14 |    |    |    | 4,90 |
| 32   | 1" NPT     | S9120-3112-0000-20 | 1 1/4" NPT - LH | 3/4" NPT | 103 | 230,50 | 25 | 73 | 1/2" BSPP | 194    | 32 | 176,50 | 34,50 | 35    | 56 | 41 | 14 |    |    |    | 4,90 |
| 32   | 1" NPT     | S9120-3112-0000-70 | Ø45             | 3/4" NPT | 103 | 230,50 |    | 73 | 1/2" BSPP | 194    | 32 | 174    | 34,50 | 35    | 56 |    | 14 | 43 | 8  | 17 | 4,90 |
| 32   | 1" BSP     | S9120-3212-0000-30 | 1 1/4" BSP - RH | 3/4" BSP | 103 | 230,50 | 25 | 73 | 1/2" BSPP | 194    | 32 | 176,50 | 34,50 | 35    | 56 | 41 | 14 |    |    |    | 4,90 |
| 32   | 1" BSP     | S9120-3212-0000-40 | 1 1/4" BSP - RH | 3/4" BSP | 103 | 230,50 | 25 | 73 | 1/2" BSPP | 194    | 32 | 176,50 | 34,50 | 35    | 56 | 41 | 14 | 43 | 8  | 17 | 4,90 |
| 32   | 1" BSP     | S9120-3212-0000-70 | Ø45             | 3/4" BSP | 103 | 230,50 |    | 73 | 1/2" BSPP | 194    | 32 | 174    | 34,50 | 35    | 56 |    | 14 |    |    |    | 4,90 |
| 40   | 1 1/4" NPT | S9150-3115-0000-10 | 1 1/2" NPT - RH | 3/4" NPT | 112 | 243    | 27 | 72 | 3/4" BSPP | 197    | 38 | 185    | 34,50 | 41    | 33 | 50 | 18 |    |    |    | 6,35 |
| 40   | 1 1/4" NPT | S9150-3115-0000-20 | 1 1/2" NPT - LH | 3/4" NPT | 112 | 243    | 27 | 72 | 3/4" BSPP | 197    | 38 | 185    | 34,50 | 41    | 33 | 50 | 18 |    |    |    | 6,35 |
| 40   | 1 1/4" NPT | S9150-3115-0000-70 | Ø50             | 3/4" NPT | 112 | 243    |    | 72 | 3/4" BSPP | 197    | 38 | 185    | 34,50 | 41    | 33 |    | 18 | 48 | 10 | 16 | 6,35 |
| 40   | 1 1/4" BSP | S9150-3215-0000-30 | 1 1/2" BSP - RH | 3/4" BSP | 112 | 243    | 27 | 72 | 3/4" BSPP | 197    | 38 | 185    | 34,50 | 41    | 33 | 50 | 18 |    |    |    | 6,35 |
| 40   | 1 1/4" BSP | S9150-3215-0000-40 | 1 1/2" BSP - RH | 3/4" BSP | 112 | 243    | 27 | 72 | 3/4" BSPP | 197    | 38 | 185    | 34,50 | 41    | 33 | 50 | 18 |    |    |    | 6,35 |
| 40   | 1 1/4" BSP | S9150-3215-0000-70 | Ø50             | 3/4" BSP | 112 | 243    |    | 72 | 3/4" BSPP | 197    | 38 | 185    | 34,50 | 41    | 33 |    | 18 | 48 | 10 | 16 | 6,35 |
| 50   | 1 1/2" NPT | S9200-3120-0000-10 | 2" NPT - RH     | 1" NPT   | 124 | 287    | 30 | 81 | 1" BSPP   | 222    | 49 | 212    | 37,50 | 47    | 69 | 60 | 18 |    |    |    | 8,50 |



|     |            |                    |                 |            |     |        |    |     |             |     |       |        |       |    |        |       |    |     |    |    |       |
|-----|------------|--------------------|-----------------|------------|-----|--------|----|-----|-------------|-----|-------|--------|-------|----|--------|-------|----|-----|----|----|-------|
| 50  | 1 1/2" NPT | S9200-3120-0000-20 | 2" NPT - LH     | 1" NPT     | 124 | 287    | 30 | 81  | 1" BSPP     | 222 | 49    | 212    | 37,50 | 47 | 69     | 60    | 18 |     |    |    | 8,50  |
| 50  | 1 1/2" NPT | S9200-3120-0000-70 | Ø65             | 1" NPT     | 124 | 287    |    | 81  | 1" BSPP     | 222 | 49    | 212    | 37,50 | 47 | 69     |       | 18 | 63  | 10 | 16 | 8,50  |
| 50  | 1 1/2" BSP | S9200-3220-0000-30 | 2" BSP - RH     | 1" BSP     | 124 | 287    | 30 | 81  | 1" BSPP     | 222 | 49    | 212    | 37,50 | 47 | 69     | 60    | 18 |     |    |    | 8,50  |
| 50  | 1 1/2" BSP | S9200-3220-0000-40 | 2" BSP - RH     | 1" BSP     | 124 | 287    | 30 | 81  | 1" BSPP     | 222 | 49    | 212    | 37,50 | 47 | 69     | 60    | 18 |     |    |    | 8,50  |
| 50  | 1 1/2" BSP | S9200-3220-0000-70 | Ø65             | 1" BSP     | 124 | 287    |    | 81  | 1" BSPP     | 222 | 49    | 212    | 37,50 | 47 | 69     |       | 18 | 63  | 10 | 16 | 8,50  |
| 65  | 2" NPT     | S9250-3125-0000-10 | 2 1/2" NPT - RH | 1 1/4" NPT | 170 | 347,50 | 38 | 91  | 1 1/4" BSPP | 279 | 60,50 | 259,50 | 52,50 | 59 | 87,50  | 72    | 22 |     |    |    | 19,25 |
| 65  | 2" NPT     | S9250-3125-0000-20 | 2 1/2" NPT - LH | 1 1/4" NPT | 170 | 347,50 | 38 | 91  | 1 1/4" BSPP | 279 | 60,50 | 259,50 | 52,50 | 59 | 87,50  | 72    | 22 |     |    |    | 19,25 |
| 65  | 2" NPT     | S9250-3125-0000-70 | Ø65             | 1 1/4" NPT | 170 | 347,50 |    | 91  | 1 1/4" BSPP | 279 | 60,50 | 269,50 | 52,50 | 59 | 87,50  |       | 22 | 72  | 10 | 18 | 19,25 |
| 65  | 2" BSP     | S9250-3225-0000-30 | 2 1/2" BSP - RH | 1 1/4" BSP | 170 | 347,50 | 38 | 91  | 1 1/4" BSPP | 279 | 60,50 | 259,50 | 52,50 | 59 | 87,50  | 72    | 22 |     |    |    | 19,25 |
| 65  | 2" BSP     | S9250-3225-0000-40 | 2 1/2" BSP - RH | 1 1/4" BSP | 170 | 347,50 | 38 | 91  | 1 1/4" BSPP | 279 | 60,50 | 259,50 | 52,50 | 59 | 87,50  | 72    | 22 |     |    |    | 19,25 |
| 65  | 2" BSP     | S9250-3225-0000-70 | Ø65             | 1 1/4" BSP | 170 | 347,50 |    | 91  | 1 1/4" BSPP | 279 | 60,50 | 269,50 | 52,50 | 59 | 87,50  |       | 22 | 72  | 10 | 18 | 19,25 |
| 80  | 2 1/2" NPT | S9300-3130-0000-10 | 3" NPT - RH     | 1 1/2" NPT | 190 | 403    | 44 | 118 | 1 1/2" BSPP | 313 | 73    | 299    | 61,50 | 68 | 105    | 85,70 | 28 |     |    |    | 27,30 |
| 80  | 2 1/2" NPT | S9300-3130-0000-20 | 3" NPT - LH     | 1 1/2" NPT | 190 | 403    | 44 | 118 | 1 1/2" BSPP | 313 | 73    | 299    | 61,50 | 68 | 105    | 85,70 | 28 |     |    |    | 27,30 |
| 80  | 2 1/2" NPT | S9300-3130-0000-70 | Ø87,3           | 1 1/2" NPT | 190 | 389    |    | 118 | 1 1/2" BSPP | 299 | 73    | 276    | 61,50 | 68 | 105    |       | 28 | 84  | 22 | 31 | 27,30 |
| 80  | 2 1/2" BSP | S9300-3230-0000-30 | 3" BSP - RH     | 1 1/2" BSP | 190 | 403    | 44 | 118 | 1 1/2" BSPP | 313 | 73    | 299    | 61,50 | 68 | 105    | 85,70 | 28 |     |    |    | 27,30 |
| 80  | 2 1/2" BSP | S9300-3230-0000-40 | 3" BSP - RH     | 1 1/2" BSP | 190 | 403    | 44 | 118 | 1 1/2" BSPP | 313 | 73    | 299    | 61,50 | 68 | 105    | 85,70 | 28 |     |    |    | 27,30 |
| 80  | 2 1/2" BSP | S9300-3230-0000-70 | Ø87,3           | 1 1/2" BSP | 190 | 389    |    | 118 | 1 1/2" BSPP | 299 | 73    | 276    | 61,50 | 68 | 105    |       | 28 | 84  | 22 | 31 | 27,30 |
| 100 | 3" NPT     | S9400-3140-0000-10 | 4" NPT - RH     | 2" NPT     | 240 | 497    | 40 | 143 | 2" BSPP     | 396 | 98    | 387    | 69    | 90 | 127,50 | 115   | 28 |     |    |    | 51,80 |
| 100 | 3" NPT     | S9400-3140-0000-20 | 4" NPT - LH     | 2" NPT     | 240 | 497    | 40 | 143 | 2" BSPP     | 396 | 98    | 387    | 69    | 90 | 127,50 | 115   | 28 |     |    |    | 51,80 |
| 100 | 3" NPT     | S9400-3140-0000-70 | Ø114            | 2" NPT     | 240 | 497    |    | 143 | 2" BSPP     | 393 | 98    | 387    | 69    | 90 | 127,50 |       | 28 | 110 | 12 | 22 | 51,80 |
| 100 | 3" BSP     | S9400-3240-0000-30 | 4" BSP - RH     | 2" BSP     | 240 | 497    | 40 | 143 | 2" BSPP     | 396 | 98    | 387    | 69    | 90 | 127,50 | 115   | 28 |     |    |    | 51,80 |
| 100 | 3" BSP     | S9400-3240-0000-40 | 4" BSP - RH     | 2" BSP     | 240 | 497    | 40 | 143 | 2" BSPP     | 396 | 98    | 387    | 69    | 90 | 127,50 | 115   | 28 |     |    |    | 51,80 |
| 100 | 3" BSP     | S9400-3240-0000-70 | Ø114            | 2" BSP     | 240 | 497    |    | 143 | 2" BSPP     | 393 | 98    | 387    | 69    | 90 | 127,50 |       | 28 | 110 | 12 | 22 | 51,80 |

Rotary Joint

# 9000S-T4 Series



Media Type

**Steam**



Max. Speed

**400 RPM**



Max. Pressure

**17 BAR**



Max. Temperature

**180 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**2 1/2" DN65 - 4"  
DN100**



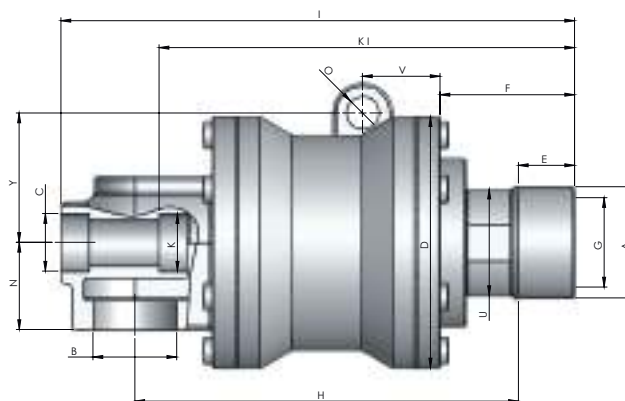
Rotary Joint for steam

- ✓ Single & duoflow design
- ✓ Nodular casting housing
- ✓ Stainless steel shaft and inner components
- ✓ Carbon Graphite sealing parts
- ✓ Stationary or rotating siphon system
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS





| SIZE | B          | MODEL NO           | A               | C        | DØ  | I      | E  | F  | K         | K I    | GØ | H      | V     | N     | Y  | U  | OØ | LØ | S  | T  | KG   |
|------|------------|--------------------|-----------------|----------|-----|--------|----|----|-----------|--------|----|--------|-------|-------|----|----|----|----|----|----|------|
| 15   | 1/2" NPT   | S9050-4105-0000-10 | 1/2" NPT - RH   | 1/4" NPT | 68  | 180    | 18 | 59 | 1/4" BSPP | 148,70 | 13 | 140    | 29,50 | 22    | 37 | 22 | 10 |    |    |    | 1,75 |
| 15   | 1/2" NPT   | S9050-4105-0000-20 | 1/2" NPT - LH   | 1/4" NPT | 68  | 180    | 18 | 59 | 1/4" BSPP | 148,70 | 13 | 140    | 29,50 | 22    | 37 | 22 | 10 |    |    |    | 1,75 |
| 15   | 1/2" NPT   | S9050-4105-0000-70 | Ø24             | 1/4" NPT | 68  | 180    |    | 59 | 1/4" BSPP | 148,70 | 13 | 141    | 29,50 | 22    | 37 |    | 10 | 22 | 6  | 11 | 1,75 |
| 15   | 1/2" BSP   | S9050-4205-0000-30 | 1/2" BSP - RH   | 1/4" BSP | 68  | 180    | 18 | 59 | 1/4" BSPP | 148,70 | 13 | 140    | 29,50 | 22    | 37 | 22 | 10 |    |    |    | 1,75 |
| 15   | 1/2" BSP   | S9050-4205-0000-40 | 1/2" BSP - RH   | 1/4" BSP | 68  | 180    | 18 | 59 | 1/4" BSPP | 148,70 | 13 | 140    | 29,50 | 22    | 37 | 22 | 10 | 22 | 6  | 11 | 1,75 |
| 15   | 1/2" BSP   | S9050-4205-0000-70 | Ø24             | 1/4" BSP | 68  | 180    |    | 59 | 1/4" BSPP | 148,70 | 13 | 141    | 29,50 | 22    | 37 |    | 10 |    |    |    | 1,75 |
| 20   | 1/2" NPT   | S9070-4107-0000-10 | 3/4" NPT - RH   | 3/8" NPT | 74  | 189    | 20 | 62 | 3/8" BSPP | 156    | 18 | 144    | 29,50 | 26    | 40 | 27 | 10 |    |    |    | 2,15 |
| 20   | 1/2" NPT   | S9070-4107-0000-20 | 3/4" NPT - LH   | 3/8" NPT | 74  | 189    | 20 | 62 | 3/8" BSPP | 156    | 18 | 144    | 29,50 | 26    | 40 | 27 | 10 |    |    |    | 2,15 |
| 20   | 1/2" NPT   | S9070-4107-0000-70 | Ø30             | 3/8" NPT | 74  | 189    |    | 62 | 3/8" BSPP | 156    | 18 | 143    | 29,50 | 26    | 40 |    | 10 | 28 | 8  | 13 | 2,15 |
| 20   | 1/2" BSP   | S9070-4207-0000-30 | 3/4" BSP - RH   | 3/8" BSP | 74  | 189    | 20 | 62 | 3/8" BSPP | 156    | 18 | 144    | 29,50 | 26    | 40 | 27 | 10 |    |    |    | 2,15 |
| 20   | 1/2" BSP   | S9070-4207-0000-40 | 3/4" BSP - RH   | 3/8" BSP | 74  | 189    | 20 | 62 | 3/8" BSPP | 156    | 18 | 144    | 29,50 | 26    | 40 | 27 | 10 | 28 | 8  | 13 | 2,15 |
| 20   | 1/2" BSP   | S9070-4207-0000-70 | Ø30             | 3/8" BSP | 74  | 189    |    | 62 | 3/8" BSPP | 156    | 18 | 143    | 29,50 | 26    | 40 |    | 10 |    |    |    | 2,15 |
| 25   | 3/4" NPT   | S9100-4110-0000-10 | 1" NPT - RH     | 1/2" NPT | 80  | 203    | 22 | 64 | 3/8" BSPP | 164    | 25 | 151    | 29,50 | 28,50 | 43 | 32 | 10 |    |    |    | 2,60 |
| 25   | 3/4" NPT   | S9100-4110-0000-20 | 1" NPT - LH     | 1/2" NPT | 80  | 203    | 22 | 64 | 3/8" BSPP | 164    | 25 | 151    | 29,50 | 28,50 | 43 | 32 | 10 |    |    |    | 2,60 |
| 25   | 3/4" NPT   | S9100-4110-0000-70 | Ø35             | 1/2" NPT | 80  | 203    |    | 64 | 3/8" BSPP | 164    | 25 | 152    | 29,50 | 28,50 | 43 |    | 10 | 33 | 8  | 13 | 2,60 |
| 25   | 3/4" BSP   | S9100-4210-0000-30 | 1" BSP - RH     | 1/2" BSP | 80  | 203    | 22 | 64 | 3/8" BSPP | 164    | 25 | 151    | 29,50 | 28,50 | 43 | 32 | 10 |    |    |    | 2,60 |
| 25   | 3/4" BSP   | S9100-4210-0000-40 | 1" BSP - RH     | 1/2" BSP | 80  | 203    | 22 | 64 | 3/8" BSPP | 164    | 25 | 151    | 29,50 | 28,50 | 43 | 32 | 10 | 33 | 8  | 13 | 2,60 |
| 25   | 3/4" BSP   | S9100-4210-0000-70 | Ø35             | 1/2" BSP | 80  | 203    |    | 64 | 3/8" BSPP | 164    | 25 | 152    | 29,50 | 28,50 | 43 |    | 10 |    |    |    | 2,60 |
| 32   | 1" NPT     | S9120-4112-0000-10 | 1 1/4" NPT - RH | 3/4" NPT | 103 | 230,50 | 25 | 73 | 1/2" BSPP | 194    | 32 | 176,50 | 34,50 | 35    | 56 | 41 | 14 |    |    |    | 4,90 |
| 32   | 1" NPT     | S9120-4112-0000-20 | 1 1/4" NPT - LH | 3/4" NPT | 103 | 230,50 | 25 | 73 | 1/2" BSPP | 194    | 32 | 176,50 | 34,50 | 35    | 56 | 41 | 14 |    |    |    | 4,90 |
| 32   | 1" NPT     | S9120-4112-0000-70 | Ø45             | 3/4" NPT | 103 | 230,50 |    | 73 | 1/2" BSPP | 194    | 32 | 174    | 34,50 | 35    | 56 |    | 14 | 43 | 8  | 17 | 4,90 |
| 32   | 1" BSP     | S9120-4212-0000-30 | 1 1/4" BSP - RH | 3/4" BSP | 103 | 230,50 | 25 | 73 | 1/2" BSPP | 194    | 32 | 176,50 | 34,50 | 35    | 56 | 41 | 14 |    |    |    | 4,90 |
| 32   | 1" BSP     | S9120-4212-0000-40 | 1 1/4" BSP - RH | 3/4" BSP | 103 | 230,50 | 25 | 73 | 1/2" BSPP | 194    | 32 | 176,50 | 34,50 | 35    | 56 | 41 | 14 | 43 | 8  | 17 | 4,90 |
| 32   | 1" BSP     | S9120-4212-0000-70 | Ø45             | 3/4" BSP | 103 | 230,50 |    | 73 | 1/2" BSPP | 194    | 32 | 174    | 34,50 | 35    | 56 |    | 14 |    |    |    | 4,90 |
| 40   | 1 1/4" NPT | S9150-4115-0000-10 | 1 1/2" NPT - RH | 3/4" NPT | 112 | 243    | 27 | 72 | 3/4" BSPP | 197    | 38 | 185    | 34,50 | 41    | 33 | 50 | 18 |    |    |    | 6,35 |
| 40   | 1 1/4" NPT | S9150-4115-0000-20 | 1 1/2" NPT - LH | 3/4" NPT | 112 | 243    | 27 | 72 | 3/4" BSPP | 197    | 38 | 185    | 34,50 | 41    | 33 | 50 | 18 |    |    |    | 6,35 |
| 40   | 1 1/4" NPT | S9150-4115-0000-70 | Ø50             | 3/4" NPT | 112 | 243    |    | 72 | 3/4" BSPP | 197    | 38 | 185    | 34,50 | 41    | 33 |    | 18 | 48 | 10 | 16 | 6,35 |
| 40   | 1 1/4" BSP | S9150-4215-0000-30 | 1 1/2" BSP - RH | 3/4" BSP | 112 | 243    | 27 | 72 | 3/4" BSPP | 197    | 38 | 185    | 34,50 | 41    | 33 | 50 | 18 |    |    |    | 6,35 |
| 40   | 1 1/4" BSP | S9150-4215-0000-40 | 1 1/2" BSP - RH | 3/4" BSP | 112 | 243    | 27 | 72 | 3/4" BSPP | 197    | 38 | 185    | 34,50 | 41    | 33 | 50 | 18 |    |    |    | 6,35 |
| 40   | 1 1/4" BSP | S9150-4215-0000-70 | Ø50             | 3/4" BSP | 112 | 243    |    | 72 | 3/4" BSPP | 197    | 38 | 185    | 34,50 | 41    | 33 |    | 18 | 48 | 10 | 16 | 6,35 |
| 50   | 1 1/2" NPT | S9200-4120-0000-10 | 2" NPT - RH     | 1" NPT   | 124 | 287    | 30 | 81 | 1" BSPP   | 222    | 49 | 212    | 37,50 | 47    | 69 | 60 | 18 |    |    |    | 8,50 |

|     |            |                    |                 |            |     |        |    |     |             |     |       |        |       |    |        |       |    |     |    |    |       |
|-----|------------|--------------------|-----------------|------------|-----|--------|----|-----|-------------|-----|-------|--------|-------|----|--------|-------|----|-----|----|----|-------|
| 50  | 1 1/2" NPT | S9200-4120-0000-20 | 2" NPT - LH     | 1" NPT     | 124 | 287    | 30 | 81  | 1" BSPP     | 222 | 49    | 212    | 37,50 | 47 | 69     | 60    | 18 |     |    |    | 8,50  |
| 50  | 1 1/2" NPT | S9200-4120-0000-70 | Ø65             | 1" NPT     | 124 | 287    |    | 81  | 1" BSPP     | 222 | 49    | 212    | 37,50 | 47 | 69     |       | 18 | 63  | 10 | 16 | 8,50  |
| 50  | 1 1/2" BSP | S9200-4220-0000-30 | 2" BSP - RH     | 1" BSP     | 124 | 287    | 30 | 81  | 1" BSPP     | 222 | 49    | 212    | 37,50 | 47 | 69     | 60    | 18 |     |    |    | 8,50  |
| 50  | 1 1/2" BSP | S9200-4220-0000-40 | 2" BSP - RH     | 1" BSP     | 124 | 287    | 30 | 81  | 1" BSPP     | 222 | 49    | 212    | 37,50 | 47 | 69     | 60    | 18 |     |    |    | 8,50  |
| 50  | 1 1/2" BSP | S9200-4220-0000-70 | Ø65             | 1" BSP     | 124 | 287    |    | 81  | 1" BSPP     | 222 | 49    | 212    | 37,50 | 47 | 69     |       | 18 | 63  | 10 | 16 | 8,50  |
| 65  | 2" NPT     | S9250-4125-0000-10 | 2 1/2" NPT - RH | 1 1/4" NPT | 170 | 347,50 | 38 | 91  | 1 1/4" BSPP | 279 | 60,50 | 259,50 | 52,50 | 59 | 87,50  | 72    | 22 |     |    |    | 19,25 |
| 65  | 2" NPT     | S9250-4125-0000-20 | 2 1/2" NPT - LH | 1 1/4" NPT | 170 | 347,50 | 38 | 91  | 1 1/4" BSPP | 279 | 60,50 | 259,50 | 52,50 | 59 | 87,50  | 72    | 22 |     |    |    | 19,25 |
| 65  | 2" NPT     | S9250-4125-0000-70 | Ø65             | 1 1/4" NPT | 170 | 347,50 |    | 91  | 1 1/4" BSPP | 279 | 60,50 | 269,50 | 52,50 | 59 | 87,50  |       | 22 | 72  | 10 | 18 | 19,25 |
| 65  | 2" BSP     | S9250-4225-0000-30 | 2 1/2" BSP - RH | 1 1/4" BSP | 170 | 347,50 | 38 | 91  | 1 1/4" BSPP | 279 | 60,50 | 259,50 | 52,50 | 59 | 87,50  | 72    | 22 |     |    |    | 19,25 |
| 65  | 2" BSP     | S9250-4225-0000-40 | 2 1/2" BSP - RH | 1 1/4" BSP | 170 | 347,50 | 38 | 91  | 1 1/4" BSPP | 279 | 60,50 | 259,50 | 52,50 | 59 | 87,50  | 72    | 22 |     |    |    | 19,25 |
| 65  | 2" BSP     | S9250-4225-0000-70 | Ø65             | 1 1/4" BSP | 170 | 347,50 |    | 91  | 1 1/4" BSPP | 279 | 60,50 | 269,50 | 52,50 | 59 | 87,50  |       | 22 | 72  | 10 | 18 | 19,25 |
| 80  | 2 1/2" NPT | S9300-4130-0000-10 | 3" NPT - RH     | 1 1/2" NPT | 190 | 403    | 44 | 118 | 1 1/2" BSPP | 313 | 73    | 299    | 61,50 | 68 | 105    | 85,70 | 28 |     |    |    | 27,30 |
| 80  | 2 1/2" NPT | S9300-4130-0000-20 | 3" NPT - LH     | 1 1/2" NPT | 190 | 403    | 44 | 118 | 1 1/2" BSPP | 313 | 73    | 299    | 61,50 | 68 | 105    | 85,70 | 28 |     |    |    | 27,30 |
| 80  | 2 1/2" NPT | S9300-4130-0000-70 | Ø87,3           | 1 1/2" NPT | 190 | 389    |    | 118 | 1 1/2" BSPP | 299 | 73    | 276    | 61,50 | 68 | 105    |       | 28 | 84  | 22 | 31 | 27,30 |
| 80  | 2 1/2" BSP | S9300-4230-0000-30 | 3" BSP - RH     | 1 1/2" BSP | 190 | 403    | 44 | 118 | 1 1/2" BSPP | 313 | 73    | 299    | 61,50 | 68 | 105    | 85,70 | 28 |     |    |    | 27,30 |
| 80  | 2 1/2" BSP | S9300-4230-0000-40 | 3" BSP - RH     | 1 1/2" BSP | 190 | 403    | 44 | 118 | 1 1/2" BSPP | 313 | 73    | 299    | 61,50 | 68 | 105    | 85,70 | 28 |     |    |    | 27,30 |
| 80  | 2 1/2" BSP | S9300-4230-0000-70 | Ø87,3           | 1 1/2" BSP | 190 | 389    |    | 118 | 1 1/2" BSPP | 299 | 73    | 276    | 61,50 | 68 | 105    |       | 28 | 84  | 22 | 31 | 27,30 |
| 100 | 3" NPT     | S9400-4140-0000-10 | 4" NPT - RH     | 2" NPT     | 240 | 497    | 40 | 143 | 2" BSPP     | 396 | 98    | 387    | 69    | 90 | 127,50 | 115   | 28 |     |    |    | 51,80 |
| 100 | 3" NPT     | S9400-4140-0000-20 | 4" NPT - LH     | 2" NPT     | 240 | 497    | 40 | 143 | 2" BSPP     | 396 | 98    | 387    | 69    | 90 | 127,50 | 115   | 28 |     |    |    | 51,80 |
| 100 | 3" NPT     | S9400-4140-0000-70 | Ø114            | 2" NPT     | 240 | 497    |    | 143 | 2" BSPP     | 393 | 98    | 387    | 69    | 90 | 127,50 |       | 28 | 110 | 12 | 22 | 51,80 |
| 100 | 3" BSP     | S9400-4240-0000-30 | 4" BSP - RH     | 2" BSP     | 240 | 497    | 40 | 143 | 2" BSPP     | 396 | 98    | 387    | 69    | 90 | 127,50 | 115   | 28 |     |    |    | 51,80 |
| 100 | 3" BSP     | S9400-4240-0000-40 | 4" BSP - RH     | 2" BSP     | 240 | 497    | 40 | 143 | 2" BSPP     | 396 | 98    | 387    | 69    | 90 | 127,50 | 115   | 28 |     |    |    | 51,80 |
| 100 | 3" BSP     | S9400-4240-0000-70 | Ø114            | 2" BSP     | 240 | 497    |    | 143 | 2" BSPP     | 393 | 98    | 387    | 69    | 90 | 127,50 |       | 28 | 110 | 12 | 22 | 51,80 |





# T9000

## SERIES

### ROTARY UNION

ENGINEERED FOR RELIABILITY.  
BUILT FOR PERFORMANCE.



#### OPTIMIZED FOR TURBINE USE

Designed for high-speed turbines and demanding applications



#### RELIABLE CONNECTION

Advanced sealing technology ensures leak-free performance



#### EXTREME DURABILITY

Withstands high temperature, pressure and continuous operation



#### EASY MAINTENANCE

Service-friendly design for reduced downtime



#### QUALITY FIRST

Committed to superior quality in every product



#### CUSTOMER FOCUSED

Understanding needs, delivering solutions



#### ENGINEERING EXPERTISE

Advanced technology, precision engineering



#### RELIABLE PERFORMANCE

Tested for reliability built to perform



#### GLOBAL SOLUTIONS

Serving industries worldwide



Rotary Joint

# 9000T-T1 Series



Media Type

**Steam**



Max. Speed

**350 RPM**



Max. Pressure

**20 BAR**



Max. Temperature

**260 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**1/2" DN15 - 4" DN100**



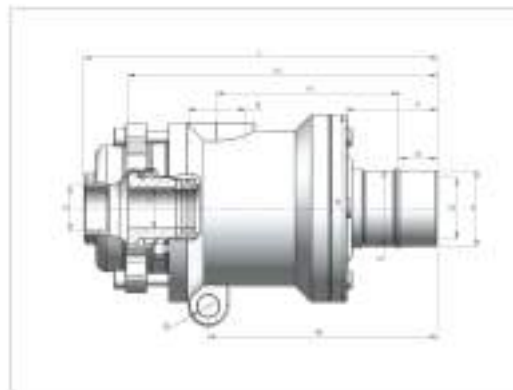
Rotary Joint for steam

- ✓ Single & duoflow design
- ✓ Nodular casting housing
- ✓ Stainless steel shaft and inner components
- ✓ Carbon Graphite sealing parts
- ✓ Stationary or rotating siphon system
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS



| SIZE | B        | MODEL NO            | A             | D  | I   | E  | F  | GØ | H    | V     | W   | U  | OØ | LØ | S | T  | KG   |
|------|----------|---------------------|---------------|----|-----|----|----|----|------|-------|-----|----|----|----|---|----|------|
| 15   | 1/2" NPT | T9050-1105-0504-106 | 1/2" NPT - RH | 80 | 157 | 18 | 50 | 13 | 99   | 29,50 | 102 | 22 | 10 |    |   |    | 2,50 |
| 15   | 1/2" NPT | T9050-1105-0504-107 | 1/2" NPT - LH | 80 | 157 | 18 | 50 | 13 | 99   | 29,50 | 102 | 22 | 10 |    |   |    | 2,50 |
| 15   | 1/2" NPT | T9050-1105-0504-70  | Ø24           | 80 | 157 |    | 50 | 13 | 99   | 29,50 | 102 |    | 10 | 22 | 6 | 11 | 2,50 |
| 15   | 1/2" BSP | T9050-1205-0504-206 | 1/2" BSP - RH | 80 | 157 | 18 | 50 | 13 | 99   | 29,50 | 102 | 22 | 10 |    |   |    | 2,50 |
| 15   | 1/2" BSP | T9050-1205-0504-207 | 1/2" BSP - RH | 80 | 157 | 18 | 50 | 13 | 99   | 29,50 | 102 | 22 | 10 | 22 | 6 | 11 | 2,50 |
| 15   | 1/2" BSP | T9050-1205-0504-70  | Ø24           | 80 | 157 |    | 50 | 13 | 99   | 29,50 | 102 |    | 10 |    |   |    | 2,50 |
| 20   | 3/4" NPT | T9070-1107-0504-108 | 3/4" NPT - RH | 87 | 161 | 20 | 45 | 18 | 95,5 | 29,50 | 121 | 27 | 10 |    |   |    | 3    |
| 20   | 3/4" NPT | T9070-1107-0504-109 | 3/4" NPT - LH | 87 | 161 | 20 | 45 | 18 | 95,5 | 29,50 | 121 | 27 | 10 |    |   |    | 3    |
| 20   | 3/4" NPT | S9070-1107-0000-70  | Ø30           | 87 | 161 |    | 45 | 18 | 95,5 | 29,50 | 121 |    | 10 | 28 | 8 | 13 | 3    |
| 20   | 3/4" BSP | T9070-1207-0504-208 | 3/4" BSP - RH | 87 | 161 | 20 | 45 | 18 | 95,5 | 29,50 | 121 | 27 | 10 |    |   |    | 3    |
| 20   | 3/4" BSP | T9070-1207-0504-209 | 3/4" BSP - RH | 87 | 161 | 20 | 45 | 18 | 95,5 | 29,50 | 121 | 27 | 10 | 28 | 8 | 13 | 3    |
| 20   | 3/4" BSP | T9070-1207-0504-70  | Ø30           | 87 | 161 |    | 45 | 18 | 95,5 | 29,50 | 121 |    | 10 |    |   |    | 3    |



|     |            |                     |                 |     |     |    |     |       |       |       |       |     |    |     |    |    |       |
|-----|------------|---------------------|-----------------|-----|-----|----|-----|-------|-------|-------|-------|-----|----|-----|----|----|-------|
| 25  | 1" NPT     | T9100-1107-0303-110 | 1" NPT - RH     | 108 | 169 | 22 | 50  | 25    | 107   | 29,50 | 137,5 | 32  | 10 |     |    |    | 5     |
| 25  | 1" NPT     | T9100-1107-0303-111 | 1" NPT - LH     | 108 | 169 | 22 | 50  | 25    | 107   | 29,50 | 137,5 | 32  | 10 |     |    |    | 5     |
| 25  | 1" NPT     | T9100-1107-0303-70  | Ø35             | 108 | 169 |    | 50  | 25    | 107   | 29,50 | 137,5 |     | 10 | 33  | 8  | 13 | 5     |
| 25  | 1" BSP     | T9100-1207-0303-210 | 1" BSP - RH     | 108 | 169 | 22 | 50  | 25    | 107   | 29,50 | 137,5 | 32  | 10 |     |    |    | 5     |
| 25  | 1" BSP     | T9100-1207-0303-211 | 1" BSP - RH     | 108 | 169 | 22 | 50  | 25    | 107   | 29,50 | 137,5 | 32  | 10 | 33  | 8  | 13 | 5     |
| 25  | 1" BSP     | T9100-1207-0303-70  | Ø35             | 108 | 169 |    | 50  | 25    | 107   | 29,50 | 137,5 |     | 10 |     |    |    | 5     |
| 32  | 1 1/4" NPT | T9120-1110-1005-112 | 1 1/4" NPT - RH | 116 | 197 | 25 | 55  | 32    | 118   | 34,50 | 150,5 | 41  | 14 |     |    |    | 6,50  |
| 32  | 1 1/4" NPT | T9120-1110-1005-113 | 1 1/4" NPT - LH | 116 | 197 | 25 | 55  | 32    | 118   | 34,50 | 150,5 | 41  | 14 |     |    |    | 6,50  |
| 32  | 1 1/4" NPT | T9120-1110-1005-70  | Ø45             | 116 | 197 |    | 55  | 32    | 118   | 34,50 | 150,5 |     | 14 | 43  | 8  | 17 | 6,50  |
| 32  | 1 1/4" BSP | T9120-1210-1005-212 | 1 1/4" BSP - RH | 116 | 197 | 25 | 55  | 32    | 118   | 34,50 | 150,5 | 41  | 14 |     |    |    | 6,50  |
| 32  | 1 1/4" BSP | T9120-1210-1005-213 | 1 1/4" BSP - RH | 116 | 197 | 25 | 55  | 32    | 118   | 34,50 | 150,5 | 41  | 14 | 43  | 8  | 17 | 6,50  |
| 32  | 1 1/4" BSP | T9120-1210-1005-70  | Ø45             | 116 | 197 |    | 55  | 32    | 118   | 34,50 | 150,5 |     | 14 |     |    |    | 6,50  |
| 40  | 1 1/2" NPT | T9150-1112-1007-114 | 1 1/2" NPT - RH | 152 | 208 | 27 | 60  | 38    | 105,5 | 34,50 | 170,5 | 50  | 18 |     |    |    | 11,45 |
| 40  | 1 1/2" NPT | T9150-1112-1007-115 | 1 1/2" NPT - LH | 152 | 208 | 27 | 60  | 38    | 105,5 | 34,50 | 170,5 | 50  | 18 |     |    |    | 11,45 |
| 40  | 1 1/2" NPT | T9150-1112-1007-70  | Ø50             | 152 | 208 |    | 60  | 38    | 106,5 | 34,50 | 170,5 |     | 18 | 48  | 10 | 16 | 11,45 |
| 40  | 1 1/2" BSP | T9150-1212-1007-214 | 1 1/2" BSP - RH | 152 | 208 | 27 | 60  | 38    | 105,5 | 34,50 | 170,5 | 50  | 18 |     |    |    | 11,45 |
| 40  | 1 1/2" BSP | T9150-1212-1007-215 | 1 1/2" BSP - RH | 152 | 208 | 27 | 60  | 38    | 105,5 | 34,50 | 170,5 | 50  | 18 |     |    |    | 11,45 |
| 40  | 1 1/2" BSP | T9150-1212-1007-70  | Ø50             | 152 | 208 |    | 60  | 38    | 106,5 | 34,50 | 170,5 |     | 18 | 48  | 10 | 16 | 11,45 |
| 50  | 2" NPT     | T9200-1115-1210-116 | 2" NPT - RH     | 162 | 232 | 30 | 70  | 49    | 150   | 37,50 | 194,5 | 60  | 18 |     |    |    | 15    |
| 50  | 2" NPT     | T9200-1115-1210-117 | 2" NPT - LH     | 162 | 232 | 30 | 70  | 49    | 150   | 37,50 | 194,5 | 60  | 18 |     |    |    | 15    |
| 50  | 2" NPT     | T9200-1115-1210-70  | Ø65             | 162 | 232 |    | 70  | 49    | 150   | 37,50 | 194,5 |     | 18 | 63  | 10 | 16 | 15    |
| 50  | 2" BSP     | T9200-1215-1210-216 | 2" BSP - RH     | 162 | 232 | 30 | 70  | 49    | 150   | 37,50 | 194,5 | 60  | 18 |     |    |    | 15    |
| 50  | 2" BSP     | T9200-1215-1210-217 | 2" BSP - RH     | 162 | 232 | 30 | 70  | 49    | 150   | 37,50 | 194,5 | 60  | 18 |     |    |    | 15    |
| 50  | 2" BSP     | T9200-1215-1210-70  | Ø65             | 162 | 232 |    | 70  | 49    | 150   | 37,50 | 194,5 |     | 18 | 63  | 10 | 16 | 15    |
| 65  | 2 1/2" NPT | T9250-1125-1520-118 | 2 1/2" NPT - RH | 185 | 289 | 38 | 90  | 60,50 | 180,5 | 52,50 | 227   | 75  | 22 |     |    |    | 25    |
| 65  | 2 1/2" NPT | T9250-1125-1520-119 | 2 1/2" NPT - LH | 185 | 289 | 38 | 90  | 60,50 | 180,5 | 52,50 | 227   | 75  | 22 |     |    |    | 25    |
| 65  | 2 1/2" NPT | T9250-1125-1520-70  | Ø65             | 185 | 289 |    | 90  | 60,50 | 180,5 | 52,50 | 227   |     | 22 | 72  | 10 | 18 | 25    |
| 65  | 2 1/2" BSP | T9250-1225-1520-218 | 2 1/2" BSP - RH | 185 | 289 | 38 | 90  | 60,50 | 180,5 | 52,50 | 227   | 75  | 22 |     |    |    | 25    |
| 65  | 2 1/2" BSP | T9250-1225-1520-219 | 2 1/2" BSP - RH | 185 | 289 | 38 | 90  | 60,50 | 180,5 | 52,50 | 227   | 75  | 22 |     |    |    | 25    |
| 65  | 2 1/2" BSP | T9250-1225-1520-70  | Ø65             | 185 | 289 |    | 90  | 60,50 | 180,5 | 52,50 | 227   |     | 22 | 72  | 10 | 18 | 25    |
| 80  | 3" NPT     | T9300-1120-2015-120 | 3" NPT - RH     | 200 | 329 | 32 | 96  | 73    | 193   | 61,50 | 245,5 | 85  | 28 |     |    |    | 33,70 |
| 80  | 3" NPT     | T9300-1120-2015-121 | 3" NPT - LH     | 200 | 329 | 32 | 96  | 73    | 193   | 61,50 | 245,5 | 85  | 28 |     |    |    | 33,70 |
| 80  | 3" NPT     | T9300-1120-2015-70  | Ø87,3           | 200 | 329 |    | 96  | 73    | 193   | 61,50 | 245,5 |     | 28 | 84  | 22 | 31 | 33,70 |
| 80  | 3" BSP     | T9300-1220-2015-220 | 3" BSP - RH     | 200 | 329 | 32 | 96  | 73    | 193   | 61,50 | 245,5 | 85  | 28 |     |    |    | 33,70 |
| 80  | 3" BSP     | T9300-1220-2015-221 | 3" BSP - RH     | 200 | 329 | 32 | 96  | 73    | 193   | 61,50 | 245,5 | 85  | 28 |     |    |    | 33,70 |
| 80  | 3" BSP     | T9300-1220-2015-70  | Ø87,3           | 200 | 329 |    | 96  | 73    | 193   | 61,50 | 245,5 |     | 28 | 84  | 22 | 31 | 33,70 |
| 100 | 4" NPT     | T9400-1130-2520-124 | 4" NPT - RH     | 257 | 398 | 40 | 120 | 98    | 254   | 69    | 311   | 115 | 28 |     |    |    | 102   |
| 100 | 4" NPT     | T9400-1130-2520-125 | 4" NPT - LH     | 257 | 398 | 40 | 120 | 98    | 254   | 69    | 311   | 115 | 28 |     |    |    | 102   |
| 100 | 4" NPT     | T9400-1130-2520-70  | Ø114            | 257 | 398 |    | 120 | 98    | 254   | 69    | 311   |     | 28 | 110 | 12 | 22 | 102   |
| 100 | 4" BSP     | T9400-1230-2520-224 | 4" BSP - RH     | 257 | 398 | 40 | 120 | 98    | 254   | 69    | 311   | 115 | 28 |     |    |    | 102   |
| 100 | 4" BSP     | T9400-1230-2520-225 | 4" BSP - RH     | 257 | 398 | 40 | 120 | 98    | 254   | 69    | 311   | 115 | 28 |     |    |    | 102   |
| 100 | 4" BSP     | T9400-1230-2520-70  | Ø114            | 257 | 398 |    | 120 | 98    | 254   | 69    | 311   |     | 28 | 110 | 12 | 22 | 102   |

## Rotary Joint

# 9000T-T2 Series



Media Type

**Steam**



Max. Speed

**350 RPM**



Max. Pressure

**20 BAR**



Max. Temperature

**260 °C**



Connection Type

**BSPP, BSPT, NPT, FL,  
Metric**



Rotor Size

**1/2" DN15 - 4" DN100**



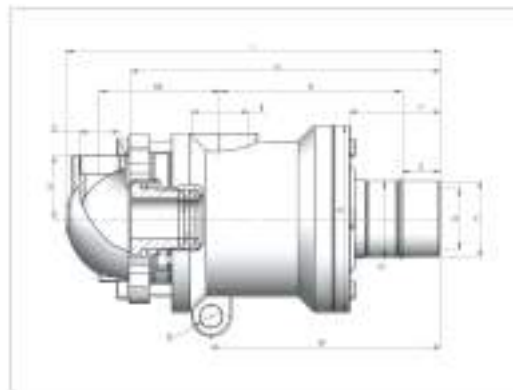
Rotary Joint for steam

- ✓ Single & duoflow design
- ✓ Nodular casting housing
- ✓ Stainless steel shaft and inner components
- ✓ Carbon Graphite sealing parts
- ✓ Stationary or rotating siphon system
- ✓ Threaded, Qr & flanged connection



Do not operate without fluid.

## DIMENSIONS



| SIZE | B        | MODEL NO            | A             | D  | I     | E  | F  | GØ | H    | H2 | W   | U  | OØ | LØ | S | T  | KG   |
|------|----------|---------------------|---------------|----|-------|----|----|----|------|----|-----|----|----|----|---|----|------|
| 15   | 1/2" NPT | T9050-2105-0504-106 | 1/2" NPT - RH | 80 | 193   | 18 | 50 | 13 | 99,5 | 62 | 102 | 22 | 10 |    |   |    | 2,50 |
| 15   | 1/2" NPT | T9050-2105-0504-107 | 1/2" NPT - LH | 80 | 193   | 18 | 50 | 13 | 99,5 | 62 | 102 | 22 | 10 |    |   |    | 2,50 |
| 15   | 1/2" NPT | T9050-2105-0504-70  | Ø24           | 80 | 193   |    | 50 | 13 | 99,5 | 62 | 102 |    | 10 | 22 | 6 | 11 | 2,50 |
| 15   | 1/2" BSP | T9050-2205-0504-206 | 1/2" BSP - RH | 80 | 193   | 18 | 50 | 13 | 99,5 | 62 | 102 | 22 | 10 |    |   |    | 2,50 |
| 15   | 1/2" BSP | T9050-2205-0504-207 | 1/2" BSP - RH | 80 | 193   | 18 | 50 | 13 | 99,5 | 62 | 102 | 22 | 10 | 22 | 6 | 11 | 2,50 |
| 15   | 1/2" BSP | T9050-2205-0504-70  | Ø24           | 80 | 193   |    | 50 | 13 | 99,5 | 62 | 102 |    | 10 |    |   |    | 2,50 |
| 20   | 3/4" NPT | T9070-2107-0504-108 | 3/4" NPT - RH | 87 | 196,5 | 20 | 45 | 18 | 99,5 | 62 | 121 | 27 | 10 |    |   |    | 3,20 |
| 20   | 3/4" NPT | T9070-2107-0504-109 | 3/4" NPT - LH | 87 | 196,5 | 20 | 45 | 18 | 99,5 | 65 | 121 | 27 | 10 |    |   |    | 3,20 |
| 20   | 3/4" NPT | S9070-2107-0000-70  | Ø30           | 87 | 196,5 |    | 45 | 18 | 99,5 | 65 | 121 |    | 10 | 28 | 8 | 13 | 3,20 |
| 20   | 3/4" BSP | T9070-2207-0504-208 | 3/4" BSP - RH | 87 | 196,5 | 20 | 45 | 18 | 99,5 | 65 | 121 | 27 | 10 |    |   |    | 3,20 |
| 20   | 3/4" BSP | T9070-2207-0504-209 | 3/4" BSP - RH | 87 | 196,5 | 20 | 45 | 18 | 99,5 | 65 | 121 | 27 | 10 | 28 | 8 | 13 | 3,20 |
| 20   | 3/4" BSP | T9070-2207-0504-70  | Ø30           | 87 | 196,5 |    | 45 | 18 | 99,5 | 65 | 121 |    | 10 |    |   |    | 3,20 |



|     |            |                     |                 |     |     |    |     |       |       |       |       |     |    |     |    |    |       |
|-----|------------|---------------------|-----------------|-----|-----|----|-----|-------|-------|-------|-------|-----|----|-----|----|----|-------|
| 25  | 1" NPT     | T9100-2107-0303-110 | 1" NPT - RH     | 108 | 220 | 22 | 50  | 25    | 107   | 72    | 137,5 | 32  | 10 |     |    |    | 5     |
| 25  | 1" NPT     | T9100-2107-0303-111 | 1" NPT - LH     | 108 | 220 | 22 | 50  | 25    | 107   | 72    | 137,5 | 32  | 10 |     |    |    | 5     |
| 25  | 1" NPT     | T9100-2107-0303-70  | Ø35             | 108 | 220 |    | 50  | 25    | 107   | 72    | 137,5 |     | 10 | 33  | 8  | 13 | 5     |
| 25  | 1" BSP     | T9100-2207-0303-210 | 1" BSP - RH     | 108 | 220 | 22 | 50  | 25    | 107   | 72    | 137,5 | 32  | 10 |     |    |    | 5     |
| 25  | 1" BSP     | T9100-2207-0303-211 | 1" BSP - RH     | 108 | 220 | 22 | 50  | 25    | 107   | 72    | 137,5 | 32  | 10 | 33  | 8  | 13 | 5     |
| 25  | 1" BSP     | T9100-2207-0303-70  | Ø35             | 108 | 220 |    | 50  | 25    | 107   | 72    | 137,5 |     | 10 |     |    |    | 5     |
| 32  | 1 1/4" NPT | T9120-2110-1005-112 | 1 1/4" NPT - RH | 116 | 228 | 25 | 55  | 32    | 118   | 76    | 150,5 | 41  | 14 |     |    |    | 6,50  |
| 32  | 1 1/4" NPT | T9120-2110-1005-113 | 1 1/4" NPT - LH | 116 | 228 | 25 | 55  | 32    | 118   | 76    | 150,5 | 41  | 14 |     |    |    | 6,50  |
| 32  | 1 1/4" NPT | T9120-2110-1005-70  | Ø45             | 116 | 228 |    | 55  | 32    | 118   | 76    | 150,5 |     | 14 | 43  | 8  | 17 | 6,50  |
| 32  | 1 1/4" BSP | T9120-2210-1005-212 | 1 1/4" BSP - RH | 116 | 228 | 25 | 55  | 32    | 118   | 76    | 150,5 | 41  | 14 |     |    |    | 6,50  |
| 32  | 1 1/4" BSP | T9120-2210-1005-213 | 1 1/4" BSP - RH | 116 | 228 | 25 | 55  | 32    | 118   | 76    | 150,5 | 41  | 14 | 43  | 8  | 17 | 6,50  |
| 32  | 1 1/4" BSP | T9120-2210-1005-70  | Ø45             | 116 | 228 |    | 55  | 32    | 118   | 76    | 150,5 |     | 14 |     |    |    | 6,50  |
| 40  | 1 1/2" NPT | T9150-2112-1007-114 | 1 1/2" NPT - RH | 152 | 208 | 27 | 60  | 38    | 105,5 | 89    | 170,5 | 50  | 18 |     |    |    | 11,65 |
| 40  | 1 1/2" NPT | T9150-2112-1007-115 | 1 1/2" NPT - LH | 152 | 278 | 27 | 60  | 38    | 105,5 | 89    | 170,5 | 50  | 18 |     |    |    | 11,65 |
| 40  | 1 1/2" NPT | T9150-2112-1007-70  | Ø50             | 152 | 27  |    | 60  | 38    | 105,5 | 89    | 170,5 |     | 18 | 48  | 10 | 16 | 11,65 |
| 40  | 1 1/2" BSP | T9150-2212-1007-214 | 1 1/2" BSP - RH | 152 | 278 | 27 | 60  | 38    | 105,5 | 89    | 170,5 | 50  | 18 |     |    |    | 11,65 |
| 40  | 1 1/2" BSP | T9150-2212-1007-215 | 1 1/2" BSP - RH | 152 | 278 | 27 | 60  | 38    | 105,5 | 89    | 170,5 | 50  | 18 |     |    |    | 11,65 |
| 40  | 1 1/2" BSP | T9150-2212-1007-70  | Ø50             | 152 | 278 |    | 60  | 38    | 106,5 | 89    | 170,5 |     | 18 | 48  | 10 | 16 | 11,65 |
| 50  | 2" NPT     | T9200-2115-1210-116 | 2" NPT - RH     | 162 | 314 | 30 | 70  | 49    | 150   | 102   | 194,5 | 60  | 18 |     |    |    | 15    |
| 50  | 2" NPT     | T9200-2115-1210-117 | 2" NPT - LH     | 162 | 314 | 30 | 70  | 49    | 150   | 102   | 194,5 | 60  | 18 |     |    |    | 15    |
| 50  | 2" NPT     | T9200-2115-1210-70  | Ø65             | 162 | 314 |    | 70  | 49    | 150   | 102   | 194,5 |     | 18 | 63  | 10 | 16 | 15    |
| 50  | 2" BSP     | T9200-2215-1210-216 | 2" BSP - RH     | 162 | 314 | 30 | 70  | 49    | 150   | 102   | 194,5 | 60  | 18 |     |    |    | 15    |
| 50  | 2" BSP     | T9200-2215-1210-217 | 2" BSP - RH     | 162 | 314 | 30 | 70  | 49    | 150   | 102   | 194,5 | 60  | 18 |     |    |    | 15    |
| 50  | 2" BSP     | T9200-2215-1210-70  | Ø65             | 162 | 314 |    | 70  | 49    | 150   | 102   | 194,5 |     | 18 | 63  | 10 | 16 | 15    |
| 65  | 2 1/2" NPT | T9250-2125-1520-118 | 2 1/2" NPT - RH | 185 | 371 | 38 | 90  | 60,50 | 180,5 | 119   | 227   | 75  | 22 |     |    |    | 25    |
| 65  | 2 1/2" NPT | T9250-2125-1520-119 | 2 1/2" NPT - LH | 185 | 371 | 38 | 90  | 60,50 | 180,5 | 119   | 227   | 75  | 22 |     |    |    | 25    |
| 65  | 2 1/2" NPT | T9250-2125-1520-70  | Ø65             | 185 | 371 |    | 90  | 60,50 | 180,5 | 119   | 227   |     | 22 | 72  | 10 | 18 | 25    |
| 65  | 2 1/2" BSP | T9250-2225-1520-218 | 2 1/2" BSP - RH | 185 | 371 | 38 | 90  | 60,50 | 180,5 | 119   | 227   | 75  | 22 |     |    |    | 25    |
| 65  | 2 1/2" BSP | T9250-2225-1520-219 | 2 1/2" BSP - RH | 185 | 371 | 38 | 90  | 60,50 | 180,5 | 119   | 227   | 75  | 22 |     |    |    | 25    |
| 65  | 2 1/2" BSP | T9250-2225-1520-70  | Ø65             | 185 | 371 |    | 90  | 60,50 | 180,5 | 119   | 227   |     | 22 | 72  | 10 | 18 | 25    |
| 80  | 3" NPT     | T9300-2120-2015-120 | 3" NPT - RH     | 200 | 403 | 32 | 96  | 73    | 193   | 128,5 | 245,5 | 85  | 28 |     |    |    | 34    |
| 80  | 3" NPT     | T9300-2120-2015-121 | 3" NPT - LH     | 200 | 403 | 32 | 96  | 73    | 193   | 128,5 | 245,5 | 85  | 28 |     |    |    | 34    |
| 80  | 3" NPT     | T9300-2120-2015-70  | Ø87,3           | 200 | 403 |    | 96  | 73    | 193   | 128,5 | 245,5 |     | 28 | 84  | 22 | 31 | 34    |
| 80  | 3" BSP     | T9300-2220-2015-220 | 3" BSP - RH     | 200 | 403 | 32 | 96  | 73    | 193   | 128,5 | 245,5 | 85  | 28 |     |    |    | 34    |
| 80  | 3" BSP     | T9300-2220-2015-221 | 3" BSP - RH     | 200 | 403 | 32 | 96  | 73    | 193   | 128,5 | 245,5 | 85  | 28 |     |    |    | 34    |
| 80  | 3" BSP     | T9300-2220-2015-70  | Ø87,3           | 200 | 403 |    | 96  | 73    | 193   | 128,5 | 245,5 |     | 28 | 84  | 22 | 31 | 34    |
| 100 | 4" NPT     | T9400-2130-2520-124 | 4" NPT - RH     | 257 | 499 | 40 | 120 | 98    | 254   | 155   | 311   | 115 | 28 |     |    |    | 100,7 |
| 100 | 4" NPT     | T9400-2130-2520-125 | 4" NPT - LH     | 257 | 499 | 40 | 120 | 98    | 254   | 155   | 311   | 115 | 28 |     |    |    | 100,7 |
| 100 | 4" NPT     | T9400-2130-2520-70  | Ø114            | 257 | 499 |    | 120 | 98    | 254   | 155   | 311   |     | 28 | 110 | 12 | 22 | 100,7 |
| 100 | 4" BSP     | T9400-2230-2520-224 | 4" BSP - RH     | 257 | 499 | 40 | 120 | 98    | 254   | 155   | 311   | 115 | 28 |     |    |    | 100,7 |
| 100 | 4" BSP     | T9400-2230-2520-225 | 4" BSP - RH     | 257 | 499 | 40 | 120 | 98    | 254   | 155   | 311   | 115 | 28 |     |    |    | 100,7 |
| 100 | 4" BSP     | T9400-2230-2520-70  | Ø114            | 257 | 499 |    | 120 | 98    | 254   | 155   | 311   |     | 28 | 110 | 12 | 22 | 100,7 |

Swivel Joint

# B - SS Series

Media Type  
**Water + General Purpose**

Max. Speed  
**0 - 20 RPM**

Max. Pressure  
**250 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**FL**

Rotor Size  
**DN65 - DN200**

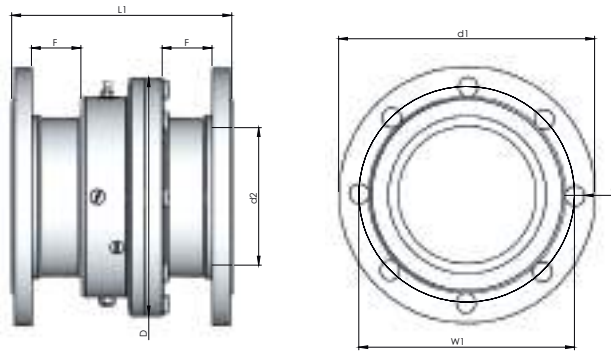


- ✓ Single flow design, vertical rotation
- ✓ Stainless steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All flange types are aviable DIN, ANSI etc..

Swivel Joint for water, chemical fluids, with stainless steel material, flanged.

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO       | DØ  | L1     | d1Ø | d2Ø    | F     | W1Ø | OØ     | KG    |
|------|----------------|-----|--------|-----|--------|-------|-----|--------|-------|
| 65   | BF10T165 - SS  | 146 | 185,50 | 185 | 70,30  | 40,50 | 145 | 18 X 4 | 12,15 |
| 65   | BF16T165 - SS  | 146 | 185,50 | 185 | 70,30  | 40,50 | 145 | 18 X 4 | 12,15 |
| 65   | BF40T165 - SS  | 146 | 193,50 | 185 | 70,30  | 40,50 | 145 | 18 X 8 | 13,25 |
| 80   | BF10T180 - SS  | 162 | 197,50 | 200 | 78     | 43,50 | 160 | 18 X 8 | 14,30 |
| 80   | BF16T180 - SS  | 162 | 197,50 | 200 | 78     | 43,50 | 160 | 18 X 8 | 14,30 |
| 80   | BF40T180 - SS  | 162 | 205,50 | 200 | 78     | 43,50 | 160 | 18 X 8 | 16,70 |
| 100  | BF10T1110 - SS | 187 | 205    | 220 | 107,10 | 46,50 | 180 | 18 X 8 | 17,85 |
| 100  | BF16T1110 - SS | 187 | 205    | 220 | 107,10 | 46,50 | 180 | 18 X 8 | 17,85 |
| 100  | BF40T1110 - SS | 187 | 213    | 220 | 107,10 | 46,20 | 180 | 18 X 8 | 21,10 |
| 125  | BF16T1125 - SS | 224 | 227,50 | 250 | 131,70 | 50,50 | 210 | 18 X 8 | 25,60 |
| 125  | BF40T1125 - SS | 224 | 235,50 | 270 | 131,70 | 50,50 | 220 | 18 X 8 | 30,50 |
| 150  | BF16T1150 - SS | 264 | 245    | 285 | 153    | 50,50 | 240 | 22 X 8 | 37,80 |



|     |                |     |        |     |        |       |     |         |       |
|-----|----------------|-----|--------|-----|--------|-------|-----|---------|-------|
| 150 | BF40T1150 - SS | 264 | 257    | 300 | 153    | 50,50 | 250 | 26 X 8  | 45,05 |
| 200 | BF16T1200 - SS | 334 | 282,50 | 340 | 207,30 | 60,50 | 295 | 22 X 12 | 60,45 |



# RELIABLE FLOW. STRONGER CONNECTIONS. SWIVEL JOINTS

## Engineered for Rubber & Tire Manufacturing

Advanced Rotary, Swivel & Fluid Transfer  
Solutions Custom Designed by **Rototech**  
Exclusively for Industrial Applications.

### IDEAL FOR RUBBER & TIRE PRODUCTION



#### TIRE PRODUCTION

Consistent  
performance in  
tire building  
machines.



#### CALENDERING LINES

Withstands high  
temperatures and  
continuous operation.



#### VULCANIZATION SYSTEMS

Reliable fluid  
transfer for uniform  
heating and cooling.



#### COOLING & UTILITY SYSTEMS

Durable and  
leak-free solutions  
for critical flows.



#### HIGH RELIABILITY

Engineered to ensure  
uninterrupted operation  
in the toughest  
industrial conditions.



#### ENGINEERED PERFORMANCE

Advanced design for  
maximum efficiency  
and long service life.



#### BUILT FOR TOUGH CONDITIONS

Designed to perform  
under high pressure, high  
temperature and  
aggressive environments.



#### PARTNERSHIP YOU CAN TRUST

Rototech — partnering  
for innovation,  
performance and  
excellence.



#### LONG SERVICE LIFE & LOW MAINTENANCE

Robust solutions for  
maximum durability  
and reduced downtime.

### ABOUT ROTOTECH

Rototech is a global leader in rotary union and swivel joint technologies. We design and manufacture high-quality, custom-engineered solutions for the most demanding industrial applications.

Engineering Excellence. Customer Success.



[www.rototech.com.tr](http://www.rototech.com.tr)



+90 212 320 02 33/34



[sales@rototech.com.tr](mailto:sales@rototech.com.tr)



SWIVEL JOINT

# B SERIES

SWIVEL JOINT FOR  
WATER, HYDRAULIC OIL  
AND CHEMICAL FLUIDS



MAX. PRESSURE  
250 BAR



MAX. SPEED  
20 RPM



MAX. TEMPERATURE  
120 °C



CONNECTION TYPE  
FL



ROTOR SIZE  
1/2" DN15 -  
10" DN250



# Swivel Joint B Series

Media Type  
**Water + General Purpose**

Max. Speed  
**0 - 20 RPM**

Max. Pressure  
**100 - 350 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**FL**

Rotor Size  
**DN65 - DN250**

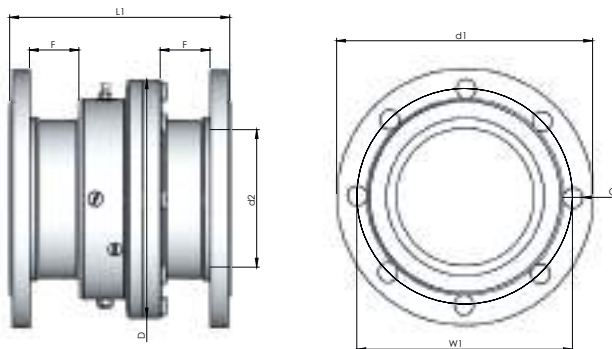


- ✓ Single flow design, vertical rotation
- ✓ Carbon steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All flange types are aviable DIN, ANSI etc..

Swivel Joint for water, chemical fluids, with carbon steel material, flanged.

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO  | DØ  | L1     | d1Ø | d2Ø    | F     | W1Ø | OØ     | KG    |
|------|-----------|-----|--------|-----|--------|-------|-----|--------|-------|
| 65   | BF10T165  | 146 | 185,50 | 185 | 70,30  | 40,50 | 145 | 18 X 4 | 11,85 |
| 65   | BF16T165  | 146 | 185,50 | 185 | 70,30  | 40,50 | 145 | 18 X 4 | 11,85 |
| 65   | BF40T165  | 146 | 193,50 | 185 | 70,30  | 40,50 | 145 | 18 X 8 | 12,95 |
| 80   | BF10T180  | 162 | 197,50 | 200 | 78     | 43,50 | 160 | 18 X 8 | 14,30 |
| 80   | BF16T180  | 162 | 197,50 | 200 | 78     | 43,50 | 160 | 18 X 8 | 14,30 |
| 80   | BF40T180  | 162 | 205,50 | 200 | 78     | 43,50 | 160 | 18 X 8 | 16,25 |
| 100  | BF10T1110 | 187 | 205    | 220 | 107,10 | 46,50 | 180 | 18 X 8 | 17,40 |
| 100  | BF16T1110 | 187 | 205    | 220 | 107,10 | 46,50 | 180 | 18 X 8 | 17,40 |
| 100  | BF40T1110 | 187 | 213    | 220 | 107,10 | 46,20 | 180 | 18 X 8 | 20,55 |
| 125  | BF16T1125 | 224 | 227,50 | 250 | 131,70 | 50,50 | 210 | 18 X 8 | 24,95 |
| 125  | BF40T1125 | 224 | 235,50 | 270 | 131,70 | 50,50 | 220 | 18 X 8 | 29,75 |
| 150  | BF16T1150 | 264 | 245    | 285 | 153    | 50,50 | 240 | 22 X 8 | 36,85 |



|     |           |     |        |        |        |       |     |         |        |
|-----|-----------|-----|--------|--------|--------|-------|-----|---------|--------|
| 150 | BF40T1150 | 264 | 257    | 300    | 153    | 50,50 | 250 | 26 X 8  | 43,95  |
| 200 | BF16T1200 | 334 | 282,50 | 340    | 207,30 | 60,50 | 295 | 22 X 12 | 58,95  |
| 200 | BF40T1200 | 334 | 326,50 | 375    | 207,30 | 70    | 320 | 30 X 12 | 79,45  |
| 250 | BF16T1250 | 394 | 310,50 | 260,40 | 405    | 70    | 355 | 26 X 12 | 87,55  |
| 250 | BF40T1250 | 394 | 334,50 | 260,40 | 450    | 70    | 385 | 33 X 12 | 119,20 |



SWIVEL JOINT

# E1-KK SERiSi

Swivel Joint Solutions for  
Fluid Transfer Systems



HYDRAULIC  
SYSTEMS



WATER  
TRANSFER



CHEMICAL  
FLUIDS



INDUSTRIAL  
APPLICATIONS



RELIABLE  
PERFORMANCE



Swivel Joint

# E1-KK1 SS Series



Media Type

**Water, Food + General Purpose**



Max. Speed

**20 RPM**



Max. Pressure

**250 BAR**



Max. Temperature

**120 °C**



Connection Type

**Weld End**



Rotor Size

**DN20 - DN200**



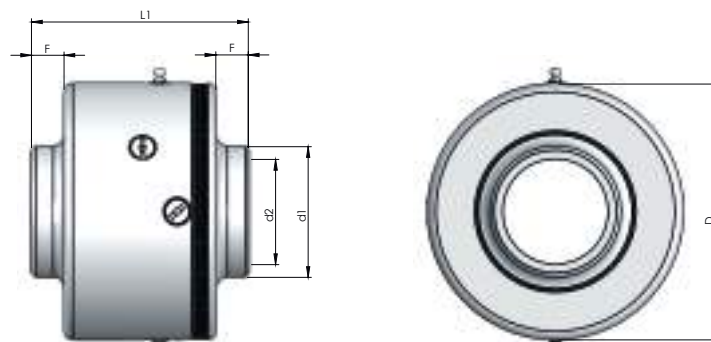
Swivel Joint for water, hydraulic oil, gress and chemical fluids.

- ✓ Single flow design
- ✓ Stainless steel body
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ Weld end connection



Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO        | DØ  | L1  | d1Ø    | d2Ø    | F     | KG    |
|------|-----------------|-----|-----|--------|--------|-------|-------|
| 20   | E1 - KK1-020-SS | 72  | 75  | 26,90  | 21,10  | 13    | 1,46  |
| 25   | E1 - KK1-025-SS | 78  | 76  | 33,70  | 27,30  | 13    | 1,80  |
| 32   | E1 - KK1-032-SS | 88  | 105 | 42,40  | 35,20  | 15    | 3,20  |
| 40   | E1 - KK1-040-SS | 100 | 105 | 48,30  | 36,90  | 15    | 4,10  |
| 50   | E1 - KK1-050-SS | 118 | 100 | 60,30  | 48,50  | 15    | 5,15  |
| 65   | E1 - KK1-065-SS | 133 | 110 | 76,10  | 59     | 17,50 | 6,95  |
| 80   | E1 - KK1-080-SS | 139 | 111 | 88,90  | 76,30  | 17,50 | 6,58  |
| 100  | E1 - KK1-100-SS | 175 | 110 | 114,30 | 97,10  | 17,50 | 10,35 |
| 125  | E1 - KK1-125-SS | 199 | 140 | 139,70 | 122,30 | 20    | 15,94 |
| 150  | E1 - KK1-150-SS | 222 | 145 | 168,30 | 150    | 22,50 | 17,72 |
| 200  | E1 - KK1-200-SS | 288 | 180 | 219,10 | 200    | 25    | 32,76 |



Swivel Joint

# E1-KK1 Series

Media Type  
**Water + General Purpose**

Max. Speed  
**20 RPM**

Max. Pressure  
**350 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**Weld End**

Rotor Size  
**DN20 - DN400**

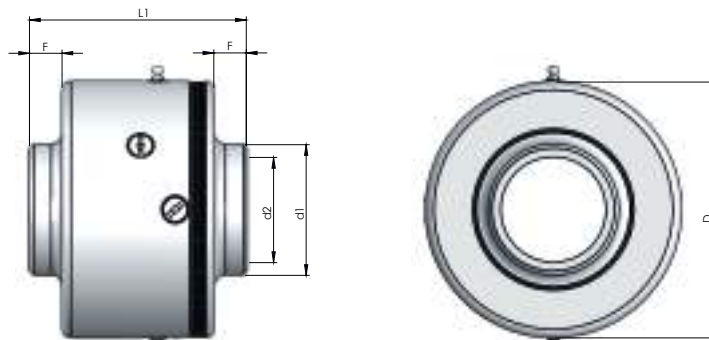


- ✓ Single flow design
- ✓ Carbon steel body
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ Weld end connection

Swivel Joint for water, general purpose

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO     | DØ  | L1  | d1Ø    | d2Ø    | F     | KG    |
|------|--------------|-----|-----|--------|--------|-------|-------|
| 20   | E1 - KK1-020 | 72  | 75  | 26,90  | 21,10  | 13    | 1,41  |
| 25   | E1 - KK1-025 | 78  | 76  | 33,70  | 27,30  | 13    | 1,62  |
| 32   | E1 - KK1-032 | 88  | 105 | 42,40  | 35,20  | 15    | 2,95  |
| 40   | E1 - KK1-040 | 100 | 105 | 48,30  | 36,90  | 15    | 4     |
| 50   | E1 - KK1-050 | 118 | 100 | 60,30  | 48,50  | 15    | 5,02  |
| 65   | E1 - KK1-065 | 133 | 110 | 76,10  | 59     | 17,50 | 6,77  |
| 80   | E1 - KK1-080 | 139 | 111 | 88,90  | 76,30  | 17,50 | 6,42  |
| 100  | E1 - KK1-100 | 175 | 110 | 114,30 | 97,10  | 17,50 | 10,01 |
| 125  | E1 - KK1-125 | 199 | 140 | 139,70 | 122,30 | 20    | 15,54 |
| 150  | E1 - KK1-150 | 222 | 145 | 168,30 | 150    | 22,50 | 17,28 |
| 200  | E1 - KK1-200 | 288 | 180 | 219,10 | 200    | 25    | 31,94 |



Swivel Joint

# E1-KK2 SS Series



Media Type

**Water, Food + General Purpose**



Max. Speed

**20 RPM**



Max. Pressure

**250 BAR**



Max. Temperature

**80 °C**



Connection Type

**Weld End**



Rotor Size

**DN20 - DN200**



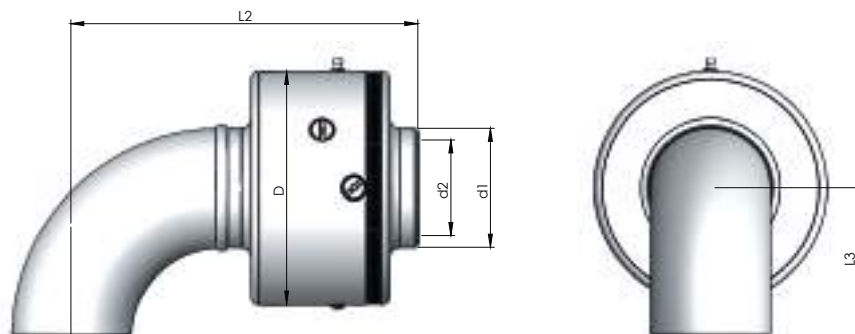
- ✓ Single flow design
- ✓ Stainless steel body
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ Weld end connection

Swivel Joint for water, hydraulic oil, gress and chemical fluids



Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO        | DØ  | L2  | L3  | d1Ø    | d2Ø    | F     | KG    |
|------|-----------------|-----|-----|-----|--------|--------|-------|-------|
| 20   | E1 - KK2-020-SS | 72  | 120 | 29  | 26,90  | 18     | 29    | 1,65  |
| 25   | E1 - KK2-025-SS | 78  | 130 | 35  | 33,70  | 27,30  | 29    | 1,84  |
| 32   | E1 - KK2-032-SS | 88  | 153 | 48  | 42,40  | 35,20  | 15    | 3,29  |
| 40   | E1 - KK2-040-SS | 100 | 162 | 57  | 48,30  | 36,90  | 15    | 4,66  |
| 50   | E1 - KK2-050-SS | 118 | 176 | 76  | 60,30  | 48,50  | 15    | 6,08  |
| 65   | E1 - KK2-065-SS | 133 | 205 | 95  | 76,10  | 59     | 17,50 | 9,12  |
| 80   | E1 - KK2-080-SS | 139 | 225 | 114 | 88,90  | 76,30  | 17,50 | 8,94  |
| 100  | E1 - KK2-100-SS | 175 | 262 | 152 | 114,30 | 97,10  | 17,50 | 14,46 |
| 125  | E1 - KK2-125-SS | 199 | 330 | 190 | 139,70 | 122,30 | 20    | 22,27 |
| 150  | E1 - KK2-150-SS | 222 | 374 | 229 | 168,30 | 150    | 22,50 | 28,10 |
| 200  | E1 - KK2-200-SS | 288 | 485 | 305 | 219,10 | 200    | 25    | 61,29 |



Swivel Joint

# E1-KK2 Series

Media Type  
**Water + General Purpose**

Max. Speed  
**20 RPM**

Max. Pressure  
**350 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**Weld End**

Rotor Size  
**DN20 - DN400**

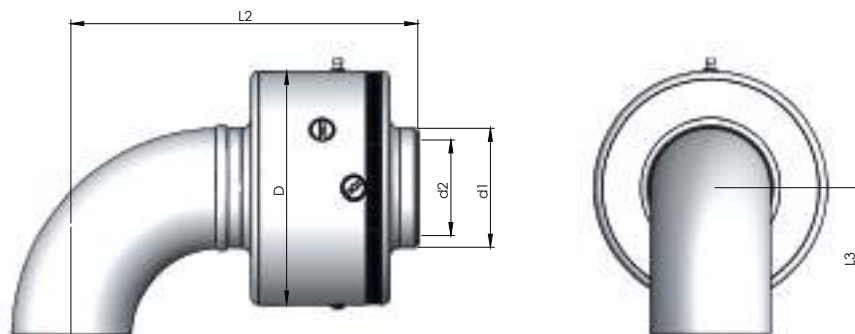


- ✓ Single flow design
- ✓ Carbon steel body
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ Weld end connection

Swivel Joint for water, general purpose

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO     | DØ  | L2  | L3  | d1Ø    | d2Ø    | F     | KG    |
|------|--------------|-----|-----|-----|--------|--------|-------|-------|
| 20   | E1 - KK2-020 | 72  | 120 | 29  | 26,90  | 18     | 29    | 1,60  |
| 25   | E1 - KK2-025 | 78  | 130 | 35  | 33,70  | 27,30  | 29    | 1,80  |
| 32   | E1 - KK2-032 | 88  | 153 | 48  | 42,40  | 35,20  | 15    | 3,21  |
| 40   | E1 - KK2-040 | 100 | 162 | 57  | 48,30  | 36,90  | 15    | 4,54  |
| 50   | E1 - KK2-050 | 118 | 176 | 76  | 60,30  | 48,50  | 15    | 5,93  |
| 65   | E1 - KK2-065 | 133 | 205 | 95  | 76,10  | 59     | 17,50 | 8,90  |
| 80   | E1 - KK2-080 | 139 | 225 | 114 | 88,90  | 76,30  | 17,50 | 8,71  |
| 100  | E1 - KK2-100 | 175 | 262 | 152 | 114,30 | 97,10  | 17,50 | 14,10 |
| 125  | E1 - KK2-125 | 199 | 330 | 190 | 139,70 | 122,30 | 20    | 21,72 |
| 150  | E1 - KK2-150 | 222 | 374 | 229 | 168,30 | 150    | 22,50 | 27,40 |
| 200  | E1 - KK2-200 | 288 | 485 | 305 | 219,10 | 200    | 25    | 59,80 |



Swivel Joint

# E1-KK3 SS Series



Media Type

**Water, Food + General Purpose**



Max. Speed

**20 RPM**



Max. Pressure

**250 BAR**



Max. Temperature

**120 °C**



Connection Type

**Weld End**



Rotor Size

**DN20 - DN200**



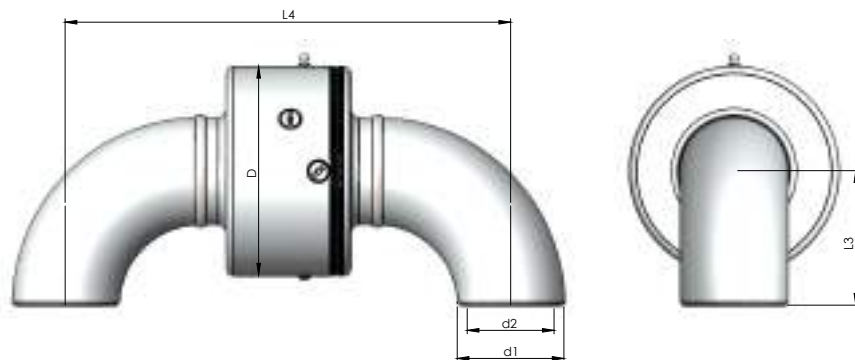
Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ Single flow design
- ✓ Stainless steel body
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ Weld end connection



Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO        | DØ  | L3  | L4  | d1Ø    | d2Ø    | KG    |
|------|-----------------|-----|-----|-----|--------|--------|-------|
| 20   | E1 - KK3-020-SS | 72  | 29  | 133 | 26,90  | 21,10  | 1,68  |
| 25   | E1 - KK3-025-SS | 78  | 35  | 146 | 33,70  | 27,30  | 1,93  |
| 32   | E1 - KK3-032-SS | 88  | 48  | 201 | 42,40  | 35,20  | 3,56  |
| 40   | E1 - KK3-040-SS | 100 | 57  | 219 | 48,30  | 36,90  | 5,21  |
| 50   | E1 - KK3-050-SS | 118 | 76  | 252 | 60,30  | 48,50  | 7,01  |
| 65   | E1 - KK3-065-SS | 133 | 95  | 300 | 76,10  | 59     | 11,30 |
| 80   | E1 - KK3-080-SS | 139 | 114 | 340 | 88,90  | 76,30  | 11,30 |
| 100  | E1 - KK3-100-SS | 175 | 152 | 414 | 114,30 | 101,70 | 18,56 |
| 125  | E1 - KK3-125-SS | 199 | 190 | 520 | 139,70 | 127,10 | 28,60 |
| 150  | E1 - KK3-150-SS | 222 | 229 | 603 | 168,30 | 154,10 | 38,46 |
| 200  | E1 - KK3-200-SS | 288 | 305 | 790 | 219,10 | 199,10 | 85,54 |



Swivel Joint

# E1-KK3 Series

Media Type  
**Water + General Purpose**

Max. Speed  
**20 RPM**

Max. Pressure  
**350 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**Weld End**

Rotor Size  
**DN20 - DN200**

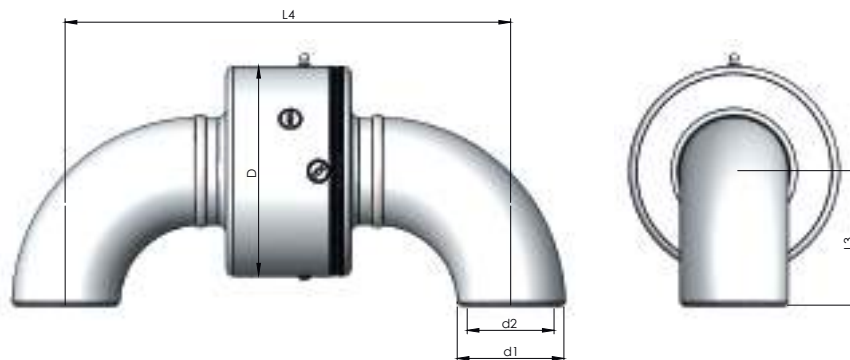


Swivel Joint for water, general purpose

- ✓ Single flow design
- ✓ Carbon steel body
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ Weld end connection

 Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO     | DØ  | L3  | L4  | d1Ø    | d2Ø    | KG    |
|------|--------------|-----|-----|-----|--------|--------|-------|
| 20   | E1 - KK3-020 | 72  | 29  | 133 | 26,90  | 21,10  | 1,63  |
| 25   | E1 - KK3-025 | 78  | 35  | 146 | 33,70  | 27,30  | 1,89  |
| 32   | E1 - KK3-032 | 88  | 48  | 201 | 42,40  | 35,20  | 3,48  |
| 40   | E1 - KK3-040 | 100 | 57  | 219 | 48,30  | 36,90  | 5,08  |
| 50   | E1 - KK3-050 | 118 | 76  | 252 | 60,30  | 48,50  | 6,84  |
| 65   | E1 - KK3-065 | 133 | 95  | 300 | 76,10  | 59     | 11    |
| 80   | E1 - KK3-080 | 139 | 114 | 340 | 88,90  | 76,30  | 11    |
| 100  | E1 - KK3-100 | 175 | 152 | 414 | 114,30 | 101,70 | 18,10 |
| 125  | E1 - KK3-125 | 199 | 190 | 520 | 139,70 | 127,10 | 27,89 |
| 150  | E1 - KK3-150 | 222 | 229 | 603 | 168,30 | 154,10 | 37,51 |
| 200  | E1 - KK3-200 | 288 | 305 | 790 | 219,10 | 199,10 | 84,38 |



Swivel Joint

# E1-KKS4 Series



Media Type

**Water, Food + General Purpose**



Max. Speed

**20 RPM**



Max. Pressure

**250 BAR**



Max. Temperature

**80 °C**



Connection Type

**Weld End**



Rotor Size

**DN20 - DN200**



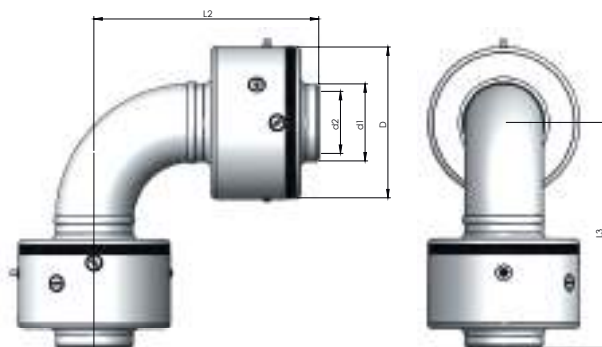
Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ Single flow design
- ✓ Stainless steel body
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ Weld end connection



Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO        | DØ  | L2  | L3  | d1Ø    | d2Ø    | KG    |
|------|-----------------|-----|-----|-----|--------|--------|-------|
| 20   | E1 - KK4-020-SS | 72  | 104 | 104 | 26,90  | 21,10  | 3,05  |
| 25   | E1 - KK4-025-SS | 78  | 111 | 111 | 33,70  | 27,30  | 3,45  |
| 32   | E1 - KK4-032-SS | 88  | 153 | 153 | 42,40  | 35,20  | 6,32  |
| 40   | E1 - KK4-040-SS | 100 | 162 | 162 | 48,30  | 36,90  | 8,77  |
| 50   | E1 - KK4-050-SS | 118 | 176 | 176 | 60,30  | 48,50  | 11,24 |
| 65   | E1 - KK4-065-SS | 133 | 205 | 205 | 76,10  | 59     | 16,09 |
| 80   | E1 - KK4-080-SS | 139 | 225 | 225 | 88,90  | 76,30  | 15,54 |
| 100  | E1 - KK4-100-SS | 175 | 262 | 262 | 114,30 | 97,10  | 24,86 |
| 125  | E1 - KK4-125-SS | 199 | 330 | 330 | 139,70 | 122,30 | 38,26 |
| 150  | E1 - KK4-150-SS | 222 | 374 | 374 | 168,30 | 154,10 | 45,87 |
| 200  | E1 - KK4-200-SS | 288 | 485 | 485 | 219,10 | 200    | 97,53 |



Swivel Joint

# E1-KK4 Series

Media Type  
**Water + General Purpose**

Max. Speed  
**20 RPM**

Max. Pressure  
**250 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**Weld End**

Rotor Size  
**DN20 - DN200**

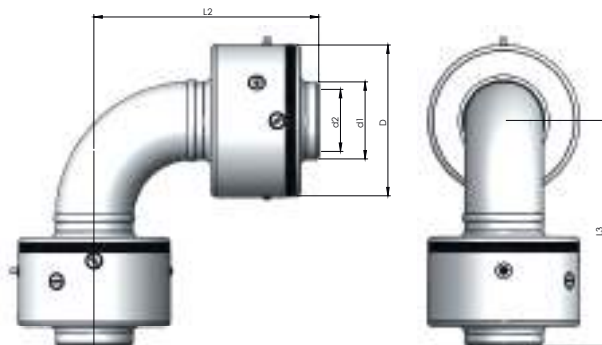


- ✓ Single flow design
- ✓ Carbon steel body
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ Weld end connection

Swivel Joint for water, general purpose

 Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO     | DØ  | L2  | L3  | d1Ø    | d2Ø    | KG    |
|------|--------------|-----|-----|-----|--------|--------|-------|
| 20   | E1 - KK4-020 | 72  | 104 | 104 | 26,90  | 21,10  | 2,96  |
| 25   | E1 - KK4-025 | 78  | 111 | 111 | 33,70  | 27,30  | 3,37  |
| 32   | E1 - KK4-032 | 88  | 153 | 153 | 42,40  | 35,20  | 6,16  |
| 40   | E1 - KK4-040 | 100 | 162 | 162 | 48,30  | 36,90  | 8,55  |
| 50   | E1 - KK4-050 | 118 | 176 | 176 | 60,30  | 48,50  | 10,97 |
| 65   | E1 - KK4-065 | 133 | 205 | 205 | 76,10  | 59     | 15,68 |
| 80   | E1 - KK4-080 | 139 | 225 | 225 | 88,90  | 76,30  | 15,15 |
| 100  | E1 - KK4-100 | 175 | 262 | 262 | 114,30 | 97,10  | 24,24 |
| 125  | E1 - KK4-125 | 199 | 330 | 330 | 139,70 | 122,30 | 37,31 |
| 150  | E1 - KK4-150 | 222 | 374 | 374 | 168,30 | 154,10 | 44,73 |
| 200  | E1 - KK4-200 | 288 | 485 | 485 | 219,10 | 200    | 95,10 |



Swivel Joint

# E1-KKS5 Series



Media Type  
**Water, Food + General Purpose**



Max. Speed  
**20 RPM**



Max. Pressure  
**250 BAR**



Max. Temperature  
**80 °C**



Connection Type  
**Weld End**



Rotor Size  
**DN20 - DN200**



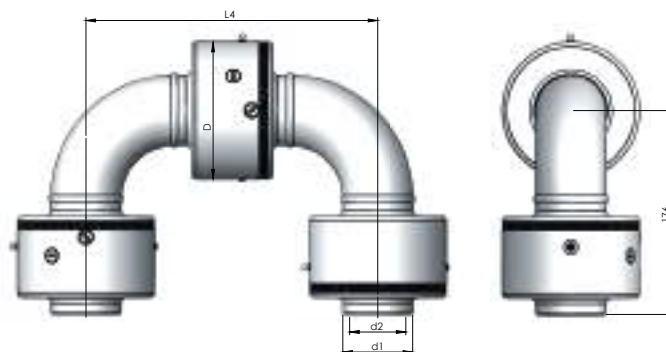
Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ Single flow design
- ✓ Stainless steel body
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ Weld end connection



Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO        | DØ  | L3  | L4  | d1Ø    | d2Ø    | KG     |
|------|-----------------|-----|-----|-----|--------|--------|--------|
| 20   | E1 - KK5-020-SS | 72  | 104 | 133 | 26,90  | 21,10  | 4,56   |
| 25   | E1 - KK5-025-SS | 78  | 111 | 146 | 33,70  | 27,30  | 5,25   |
| 32   | E1 - KK5-032-SS | 88  | 153 | 201 | 42,40  | 35,20  | 9,62   |
| 40   | E1 - KK5-040-SS | 100 | 162 | 219 | 48,30  | 36,90  | 13,43  |
| 50   | E1 - KK5-050-SS | 118 | 176 | 252 | 60,30  | 48,50  | 17,34  |
| 65   | E1 - KK5-065-SS | 133 | 205 | 250 | 76,10  | 59     | 25,23  |
| 80   | E1 - KK5-080-SS | 139 | 225 | 340 | 88,90  | 76,30  | 24,50  |
| 100  | E1 - KK5-100-SS | 175 | 262 | 414 | 114,30 | 97,10  | 39,36  |
| 125  | E1 - KK5-125-SS | 199 | 330 | 520 | 139,70 | 122,30 | 0,08   |
| 150  | E1 - KK5-150-SS | 222 | 374 | 604 | 168,30 | 150    | 74,03  |
| 200  | E1 - KK5-200-SS | 288 | 485 | 790 | 219,10 | 200    | 158,94 |

Swivel Joint

# E1-KK5 Series

Media Type  
**Water + General Purpose**

Max. Speed  
**20 RPM**

Max. Pressure  
**250 BAR**

Max. Temperature  
**120 °C**

Connection Type  
**Weld End**

Rotor Size  
**DN20 - DN200**

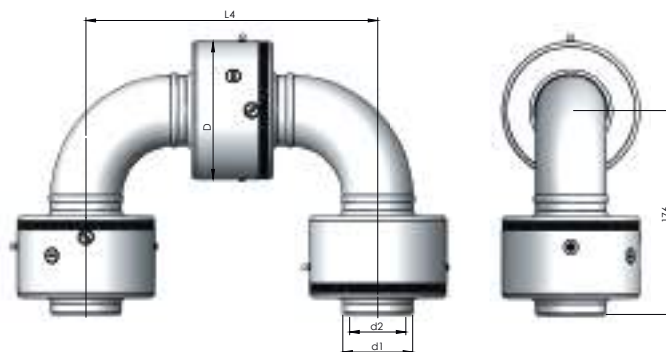


Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ Single flow design
- ✓ Carbon steel body
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ Weld end connection

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO     | DØ  | L3  | L4  | d1Ø    | d2Ø    | KG     |
|------|--------------|-----|-----|-----|--------|--------|--------|
| 20   | E1 - KK5-020 | 72  | 104 | 133 | 26,90  | 21,10  | 4,45   |
| 25   | E1 - KK5-025 | 78  | 111 | 146 | 33,70  | 27,30  | 5,12   |
| 32   | E1 - KK5-032 | 88  | 153 | 201 | 42,40  | 35,20  | 9,38   |
| 40   | E1 - KK5-040 | 100 | 162 | 219 | 48,30  | 36,90  | 13,10  |
| 50   | E1 - KK5-050 | 118 | 176 | 252 | 60,30  | 48,50  | 16,91  |
| 65   | E1 - KK5-065 | 133 | 205 | 250 | 76,10  | 59     | 24,60  |
| 80   | E1 - KK5-080 | 139 | 225 | 340 | 88,90  | 76,30  | 23,89  |
| 100  | E1 - KK5-100 | 175 | 262 | 414 | 114,30 | 97,10  | 38,38  |
| 125  | E1 - KK5-125 | 199 | 330 | 520 | 139,70 | 122,30 | 59,00  |
| 150  | E1 - KK5-150 | 222 | 374 | 604 | 168,30 | 150    | 72,18  |
| 200  | E1 - KK5-200 | 288 | 485 | 790 | 219,10 | 200    | 154,97 |



# ROTARY SEALING TECHNOLOGIES

Advanced Rotary, Swivel & Fluid  
Transfer Solutions Proudly  
Custom Designed for  
**Rubber & Tire Manufacturing.**



ENGINEERED FOR  
RUBBER & TIRE  
INDUSTRY

## BUILT FOR RUBBER & TIRE APPLICATIONS



### TIRE PRODUCTION

Consistent performance in  
tire building machines.



### CALENDERING LINES

Withstands high temperatures  
and continuous operation.



### COOLING SYSTEMS

Efficient fluid transfer for  
rollers & cooling circuits.



### HYDRAULIC & UTILITY SYSTEMS

Durable and leak-free  
solutions for critical functions.



**ENGINEERED FOR EXCELLENCE.**

**DELIVERING RELIABILITY. DRIVING PERFORMANCE.**



### HIGH RELIABILITY

Engineered to ensure  
uninterrupted operation  
in the toughest  
industrial conditions.



### ENGINEERED PERFORMANCE

Advanced design for  
maximum efficiency  
and long service life.



### BUILT FOR TOUGH CONDITIONS

Designed to perform  
under high pressure, high  
temperature and  
aggressive environments.



### PARTNERSHIP YOU CAN TRUST

Rototech — partnering  
for innovation,  
performance and  
excellence.



### LONG SERVICE LIFE & LOW MAINTENANCE

Robust solutions for  
maximum durability  
and reduced downtime.

## ABOUT ROTOTECH

Rototech is a global leader in rotary union and swivel joint technologies. We design and manufacture high-quality, custom-engineered solutions for the most demanding industrial applications.

**Engineering Excellence. Customer Success.**



[www.rototech.com.tr](http://www.rototech.com.tr)



+90 212 320 02 33/34



[sales@rototech.com.tr](mailto:sales@rototech.com.tr)



SWIVEL JOINT

# E2-FF SERiSi

Swivel Joint Solutions for  
Fluid Transfer Systems



## E2-FF1 SERIES

Swivel joint for water,  
hydraulic oil, gress and  
chemical fluids.



## E2-FF2 SERIES

Swivel joint for water,  
hydraulic oil, gress and  
chemical fluids.



## E2-FF4 SERIES

Swivel joint for water,  
hydraulic oil, gress and  
chemical fluids.



HYDRAULIC  
SYSTEMS



WATER  
TRANSFER



CHEMICAL  
FLUIDS



INDUSTRIAL  
APPLICATIONS



RELIABLE  
PERFORMANCE



Swivel Joint

# E2-FF1 Series

Media Type  
**Water + General Purpose**

Max. Speed  
**20 RPM**

Max. Pressure  
**350 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**FL**

Rotor Size  
**DN20 - DN400**

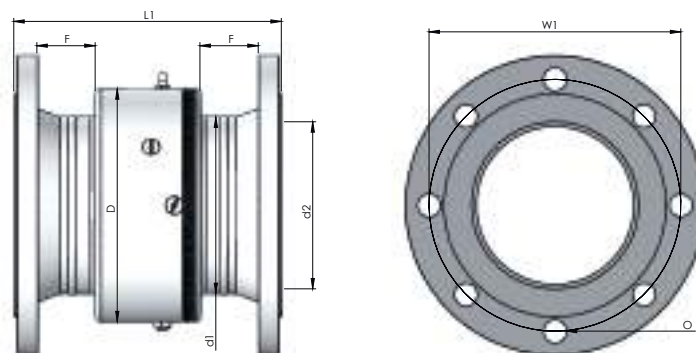


- ✓ Single flow design, vertical rotation
- ✓ Carbon steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All flange types are aviable DIN, ANSI etc..

Swivel Joint for water, general purpose

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO     | DØ  | L1  | d1Ø    | d2Ø    | F     | W1Ø | OØ      | KG    |
|------|--------------|-----|-----|--------|--------|-------|-----|---------|-------|
| 20   | E2 - FF1-020 | 72  | 151 | 26,90  | 21,10  | 35    | 75  | 14 X 4  | 3,32  |
| 25   | E2 - FF1-025 | 78  | 152 | 33,70  | 27,30  | 35    | 85  | 14 X 4  | 3,91  |
| 32   | E2 - FF1-032 | 88  | 185 | 42,40  | 35,20  | 39    | 100 | 18 X 4  | 6,30  |
| 40   | E2 - FF1-040 | 100 | 189 | 48,30  | 36,90  | 41    | 110 | 18 X 4  | 7,91  |
| 50   | E2 - FF1-050 | 118 | 190 | 60,30  | 48,50  | 42    | 125 | 18 X 4  | 10,31 |
| 65   | E2 - FF1-065 | 133 | 200 | 76,10  | 59     | 44,50 | 145 | 18 X 8  | 13,43 |
| 80   | E2 - FF1-080 | 139 | 211 | 88,90  | 82,50  | 47,50 | 160 | 18 X 8  | 14,05 |
| 100  | E2 - FF1-100 | 175 | 214 | 114,30 | 107,10 | 49,50 | 180 | 18 X 8  | 18,93 |
| 125  | E2 - FF1-125 | 199 | 250 | 139,70 | 131,70 | 53    | 210 | 18 X 8  | 27,68 |
| 150  | E2 - FF1-150 | 222 | 255 | 168,30 | 159,30 | 55,50 | 240 | 22 X 8  | 32,08 |
| 200  | E2 - FF1-200 | 288 | 304 | 219,10 | 207,30 | 63    | 295 | 22 X 12 | 56,90 |

Swivel Joint

# E2-FF1 SS Series



Media Type

**Water, Food + General Purpose**



Max. Speed

**20 RPM**



Max. Pressure

**200 BAR**



Max. Temperature

**80 °C**



Connection Type

**FL**



Rotor Size

**DN20 - DN200**



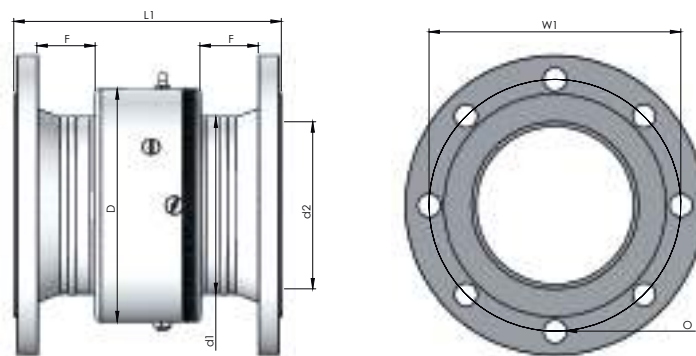
Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ Single flow design, vertical rotation
- ✓ Stainless steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All flage types are aviable DIN, ANSI etc..



Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO        | DØ  | L1  | d1Ø    | d2Ø    | F     | W1Ø | OØ      | KG    |
|------|-----------------|-----|-----|--------|--------|-------|-----|---------|-------|
| 20   | E2 - FF1-020-SS | 72  | 151 | 26,90  | 21,10  | 35    | 75  | 14 X 4  | 3,42  |
| 25   | E2 - FF1-025-SS | 78  | 152 | 33,70  | 27,30  | 35    | 85  | 14 X 4  | 4,01  |
| 32   | E2 - FF1-032-SS | 88  | 185 | 42,40  | 35,20  | 39    | 100 | 18 X 4  | 6,47  |
| 40   | E2 - FF1-040-SS | 100 | 189 | 48,30  | 36,90  | 41    | 110 | 18 X 4  | 8,11  |
| 50   | E2 - FF1-050-SS | 118 | 190 | 60,30  | 48,50  | 42    | 125 | 18 X 4  | 10,57 |
| 65   | E2 - FF1-065-SS | 133 | 200 | 76,10  | 59     | 44,50 | 145 | 18 X 8  | 13,78 |
| 80   | E2 - FF1-080-SS | 139 | 211 | 88,90  | 82,50  | 47,50 | 160 | 18 X 8  | 14,41 |
| 100  | E2 - FF1-100-SS | 175 | 214 | 114,30 | 107,10 | 49,50 | 180 | 18 X 8  | 19,41 |
| 125  | E2 - FF1-125-SS | 199 | 250 | 139,70 | 131,70 | 53    | 210 | 18 X 8  | 28,39 |
| 150  | E2 - FF1-150-SS | 222 | 255 | 168,30 | 159,30 | 55,50 | 240 | 22 X 8  | 32,90 |
| 200  | E2 - FF1-200-SS | 288 | 304 | 219,10 | 207,30 | 63    | 295 | 22 X 12 | 58,36 |



Swivel Joint

# E2-FF2 Series

Media Type  
**Water + General Purpose**

Max. Speed  
**20 RPM**

Max. Pressure  
**350 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**FL**

Rotor Size  
**DN20 - DN400**

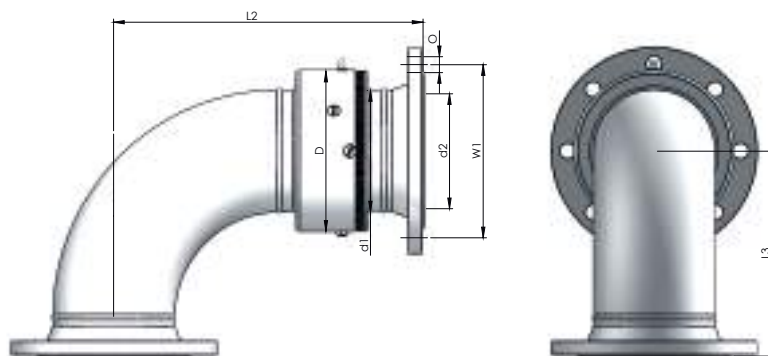


Swivel Joint for water, general purpose

- ✓ Single flow design, vertical rotation
- ✓ Carbon steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All flange types are aviable DIN, ANSI etc..

⚠ Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO     | DØ  | L2  | L3  | d1Ø    | d2Ø    | F     | W1Ø | OØ      | KG    |
|------|--------------|-----|-----|-----|--------|--------|-------|-----|---------|-------|
| 20   | E2 - FF2-020 | 72  | 142 | 67  | 26,90  | 18     | 35    | 75  | 14 X 4  | 3,30  |
| 25   | E2 - FF2-025 | 78  | 149 | 73  | 33,70  | 27,30  | 35    | 85  | 14 X 4  | 4,05  |
| 32   | E2 - FF2-032 | 88  | 193 | 88  | 42,40  | 35,20  | 39    | 100 | 18 X 4  | 6,50  |
| 40   | E2 - FF2-040 | 100 | 204 | 99  | 48,30  | 36,90  | 41    | 110 | 18 X 4  | 8,45  |
| 50   | E2 - FF2-050 | 118 | 221 | 121 | 60,30  | 48,50  | 42    | 125 | 18 X 4  | 11,52 |
| 65   | E2 - FF2-065 | 133 | 250 | 140 | 76,10  | 59     | 44,50 | 145 | 18 X 8  | 15,51 |
| 80   | E2 - FF2-080 | 139 | 275 | 164 | 88,90  | 82,50  | 47,50 | 160 | 18 X 8  | 16,35 |
| 100  | E2 - FF2-100 | 175 | 314 | 204 | 114,30 | 107,10 | 49,50 | 180 | 18 X 8  | 22,93 |
| 125  | E2 - FF2-125 | 199 | 385 | 245 | 139,70 | 131,70 | 53    | 210 | 18 X 8  | 33,85 |
| 150  | E2 - FF2-150 | 222 | 429 | 284 | 168,30 | 159,30 | 55,50 | 240 | 22 X 8  | 42,19 |
| 200  | E2 - FF2-200 | 288 | 547 | 367 | 219,10 | 207,30 | 63    | 295 | 22 X 12 | 81,47 |

Swivel Joint

# E2-FFS2 Series



Media Type  
**Water, Food + General Purpose**



Max. Speed  
**20 RPM**



Max. Pressure  
**200 BAR**



Max. Temperature  
**80 °C**



Connection Type  
**FL**



Rotor Size  
**DN20 - DN200**



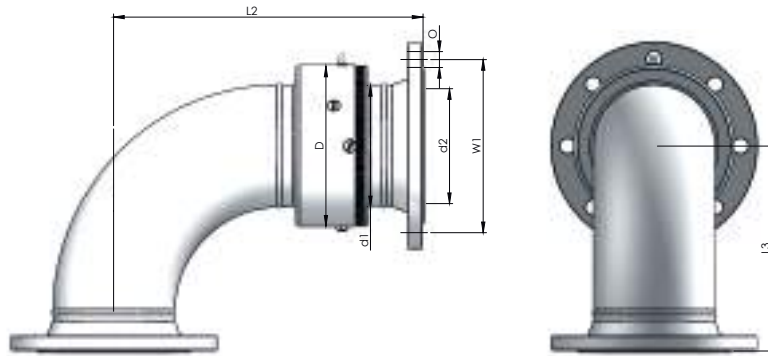
Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ Single flow design, vertical rotation
- ✓ Stainless steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All flage types are aviable DIN, ANSI etc..



Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO        | DØ  | L2  | L3  | d1Ø    | d2Ø    | F     | W1Ø | OØ      | KG    |
|------|-----------------|-----|-----|-----|--------|--------|-------|-----|---------|-------|
| 20   | E2 - FF2-020-SS | 72  | 142 | 67  | 26,90  | 18     | 35    | 75  | 14 X 4  | 3,39  |
| 25   | E2 - FF2-025-SS | 78  | 149 | 73  | 33,70  | 27,30  | 35    | 85  | 14 X 4  | 4,15  |
| 32   | E2 - FF2-032-SS | 88  | 193 | 88  | 42,40  | 35,20  | 39    | 100 | 18 X 4  | 6,67  |
| 40   | E2 - FF2-040-SS | 100 | 204 | 99  | 48,30  | 36,90  | 41    | 110 | 18 X 4  | 8,67  |
| 50   | E2 - FF2-050-SS | 118 | 221 | 121 | 60,30  | 48,50  | 42    | 125 | 18 X 4  | 11,57 |
| 65   | E2 - FF2-065-SS | 133 | 250 | 140 | 76,10  | 59     | 44,50 | 145 | 18 X 8  | 15,91 |
| 80   | E2 - FF2-080-SS | 139 | 275 | 164 | 88,90  | 82,50  | 47,50 | 160 | 18 X 8  | 16,75 |
| 100  | E2 - FF2-100-SS | 175 | 314 | 204 | 114,30 | 107,10 | 49,50 | 180 | 18 X 8  | 23,52 |
| 125  | E2 - FF2-125-SS | 199 | 385 | 245 | 139,70 | 131,70 | 53    | 210 | 18 X 8  | 34,72 |
| 150  | E2 - FF2-150-SS | 222 | 429 | 284 | 168,30 | 159,30 | 55,50 | 240 | 22 X 8  | 43,27 |
| 200  | E2 - FF2-200-SS | 288 | 547 | 367 | 219,10 | 207,30 | 63    | 295 | 22 X 12 | 83,56 |



Swivel Joint

# E2-FF3 Series

Media Type  
**Water + General Purpose**

Max. Speed  
**20 RPM**

Max. Pressure  
**300 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**FL**

Rotor Size  
**DN20 - DN400**

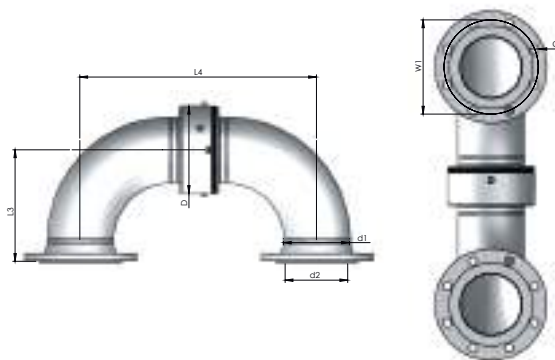


Swivel Joint for water, general purpose

- ✓ Single flow design, vertical rotation
- ✓ Carbon steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All flange types are aviable DIN, ANSI etc..

⚠ Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO     | DØ  | L3  | L4  | d1Ø    | d2Ø    | W1Ø | OØ      | KG    |
|------|--------------|-----|-----|-----|--------|--------|-----|---------|-------|
| 20   | E2 - FF3-020 | 72  | 67  | 133 | 26,90  | 21,10  | 75  | 14 X 4  | 3,54  |
| 25   | E2 - FF3-025 | 78  | 73  | 146 | 33,70  | 27,30  | 85  | 14 X 4  | 4,19  |
| 32   | E2 - FF3-032 | 88  | 88  | 201 | 42,40  | 35,20  | 100 | 18 X 4  | 6,77  |
| 40   | E2 - FF3-040 | 100 | 99  | 219 | 48,30  | 36,90  | 110 | 18 X 4  | 9     |
| 50   | E2 - FF3-050 | 118 | 121 | 252 | 60,30  | 48,50  | 125 | 18 X 4  | 12,14 |
| 65   | E2 - FF3-065 | 133 | 140 | 300 | 76,10  | 59     | 145 | 18 X 8  | 17,64 |
| 80   | E2 - FF3-080 | 139 | 164 | 340 | 88,90  | 82,50  | 160 | 18 X 8  | 18,64 |
| 100  | E2 - FF3-100 | 175 | 204 | 414 | 114,30 | 107,10 | 180 | 18 X 8  | 26,93 |
| 125  | E2 - FF3-125 | 199 | 245 | 520 | 139,70 | 131,70 | 210 | 18 X 8  | 40,02 |
| 150  | E2 - FF3-150 | 222 | 284 | 603 | 168,30 | 159,30 | 240 | 22 X 8  | 52,30 |
| 200  | E2 - FF3-200 | 288 | 367 | 790 | 219,10 | 207,30 | 295 | 22 X 12 | 106   |

Swivel Joint

# E2-FFS3 SS Series



Media Type

**Water, Food + General Purpose**



Max. Speed

**20 RPM**



Max. Pressure

**200 BAR**



Max. Temperature

**80 °C**



Connection Type

**FL**



Rotor Size

**DN20 - DN200**



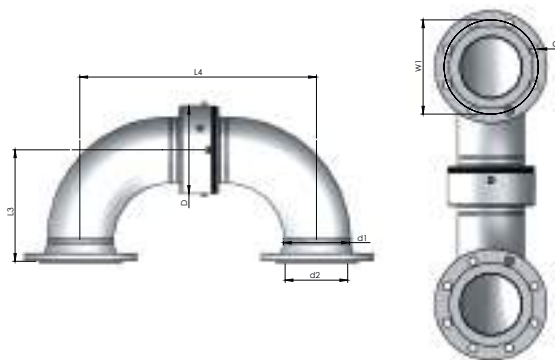
Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ Single flow design, vertical rotation
- ✓ Stainless steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All flage types are aviable DIN, ANSI etc..



Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO        | DØ  | L3  | L4  | d1Ø    | d2Ø    | W1Ø | OØ      | KG     |
|------|-----------------|-----|-----|-----|--------|--------|-----|---------|--------|
| 20   | E2 - FF3-020-SS | 72  | 67  | 133 | 26,90  | 21,10  | 75  | 14 X 4  | 3,63   |
| 25   | E2 - FF3-025-SS | 78  | 73  | 146 | 33,70  | 27,30  | 85  | 14 X 4  | 4,30   |
| 32   | E2 - FF3-032-SS | 88  | 88  | 201 | 42,40  | 35,20  | 100 | 18 X 4  | 6,95   |
| 40   | E2 - FF3-040-SS | 100 | 99  | 219 | 48,30  | 36,90  | 110 | 18 X 4  | 9,22   |
| 50   | E2 - FF3-050-SS | 118 | 121 | 252 | 60,30  | 48,50  | 125 | 18 X 4  | 14,45  |
| 65   | E2 - FF3-065-SS | 133 | 140 | 300 | 76,10  | 59     | 145 | 18 X 8  | 18,09  |
| 80   | E2 - FF3-080-SS | 139 | 164 | 340 | 88,90  | 82,50  | 160 | 18 X 8  | 19,12  |
| 100  | E2 - FF3-100-SS | 175 | 204 | 414 | 114,30 | 107,10 | 180 | 18 X 8  | 27,62  |
| 125  | E2 - FF3-125-SS | 199 | 245 | 520 | 139,70 | 131,70 | 210 | 18 X 8  | 41,05  |
| 150  | E2 - FF3-150-SS | 222 | 284 | 603 | 168,30 | 159,30 | 240 | 22 X 8  | 53,64  |
| 200  | E2 - FF3-200-SS | 288 | 367 | 790 | 219,10 | 207,30 | 295 | 22 X 12 | 108,76 |





Swivel Joint

# E2-FF4 Series

Media Type  
**Water + General Purpose**

Max. Speed  
**20 RPM**

Max. Pressure  
**250 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**FL**

Rotor Size  
**DN20 - DN400**

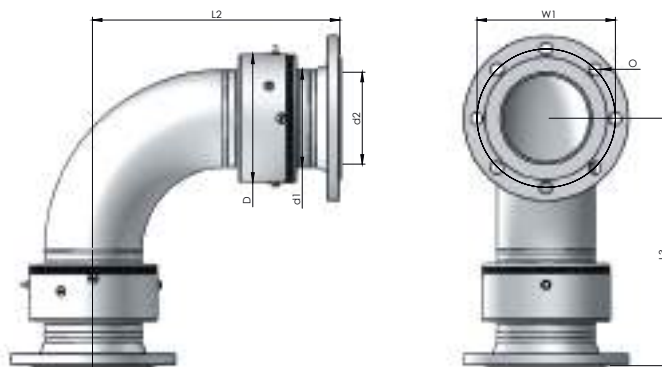


- ✓ Single flow design, vertical rotation
- ✓ Carbon steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All flage types are aviable DIN, ANSI etc..

Swivel Joint for water, general purpose

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO     | DØ  | L2  | L3  | d1Ø    | d2Ø    | W1Ø | OØ      | KG     |
|------|--------------|-----|-----|-----|--------|--------|-----|---------|--------|
| 20   | E2 - FF4-020 | 72  | 142 | 142 | 26,90  | 21,10  | 75  | 14 X 4  | 4,87   |
| 25   | E2 - FF4-025 | 78  | 149 | 149 | 33,70  | 27,30  | 85  | 14 X 4  | 5,67   |
| 32   | E2 - FF4-032 | 88  | 193 | 193 | 42,40  | 35,20  | 100 | 18 X 4  | 9,46   |
| 40   | E2 - FF4-040 | 100 | 204 | 204 | 48,30  | 36,90  | 110 | 18 X 4  | 12,46  |
| 50   | E2 - FF4-050 | 118 | 221 | 221 | 60,30  | 48,50  | 125 | 18 X 4  | 16,27  |
| 65   | E2 - FF4-065 | 133 | 250 | 250 | 76,10  | 59     | 145 | 18 X 8  | 22,30  |
| 80   | E2 - FF4-080 | 139 | 275 | 275 | 88,90  | 82,50  | 160 | 18 X 8  | 22,79  |
| 100  | E2 - FF4-100 | 175 | 314 | 314 | 114,30 | 107,10 | 180 | 18 X 8  | 33,07  |
| 125  | E2 - FF4-125 | 199 | 385 | 385 | 139,70 | 131,70 | 210 | 18 X 8  | 49,45  |
| 150  | E2 - FF4-150 | 222 | 429 | 429 | 168,30 | 159,30 | 240 | 22 X 8  | 59,53  |
| 200  | E2 - FF4-200 | 288 | 547 | 547 | 219,10 | 207,30 | 295 | 22 X 12 | 116,70 |

Swivel Joint

# E2-FFS4 Series

Media Type  
**Hydraulic Oil,  
Water + General Purpose**

Max. Speed  
**20 RPM**

Max. Pressure  
**200 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**FL**

Rotor Size  
**DN20 - DN200**

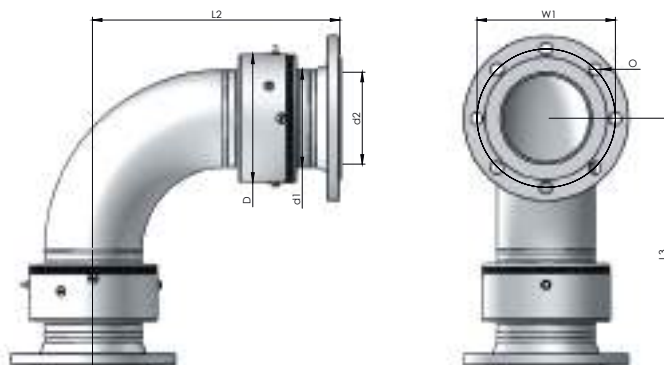


- ✓ Single flow design, vertical rotation
- ✓ Stainless steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All flange types are aviable DIN, ANSI etc..

Swivel Joint for water, hydraulic oil, gress and chemical fluids

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO        | DØ  | L2  | L3  | d1Ø    | d2Ø    | W1Ø | OØ      | KG     |
|------|-----------------|-----|-----|-----|--------|--------|-----|---------|--------|
| 20   | E2 - FF4-020-SS | 72  | 142 | 142 | 26,90  | 21,10  | 75  | 14 X 4  | 5      |
| 25   | E2 - FF4-025-SS | 78  | 149 | 149 | 33,70  | 27,30  | 85  | 14 X 4  | 5,81   |
| 32   | E2 - FF4-032-SS | 88  | 193 | 193 | 42,40  | 35,20  | 100 | 18 X 4  | 9,70   |
| 40   | E2 - FF4-040-SS | 100 | 204 | 204 | 48,30  | 36,90  | 110 | 18 X 4  | 12,78  |
| 50   | E2 - FF4-050-SS | 118 | 221 | 221 | 60,30  | 48,50  | 125 | 18 X 4  | 16,69  |
| 65   | E2 - FF4-065-SS | 133 | 250 | 250 | 76,10  | 59     | 145 | 18 X 8  | 22,87  |
| 80   | E2 - FF4-080-SS | 139 | 275 | 275 | 88,90  | 82,50  | 160 | 18 X 8  | 23,37  |
| 100  | E2 - FF4-100-SS | 175 | 314 | 314 | 114,30 | 107,10 | 180 | 18 X 8  | 33,92  |
| 125  | E2 - FF4-125-SS | 199 | 385 | 385 | 139,70 | 131,70 | 210 | 18 X 8  | 50,71  |
| 150  | E2 - FF4-150-SS | 222 | 429 | 429 | 168,30 | 159,30 | 240 | 22 X 8  | 61,05  |
| 200  | E2 - FF4-200-SS | 288 | 547 | 547 | 219,10 | 207,30 | 295 | 22 X 12 | 119,75 |



Swivel Joint

# E2-FF5 Series

Media Type  
**Water + General Purpose**

Max. Speed  
**20 RPM**

Max. Pressure  
**200 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**FL**

Rotor Size  
**DN20 - DN400**

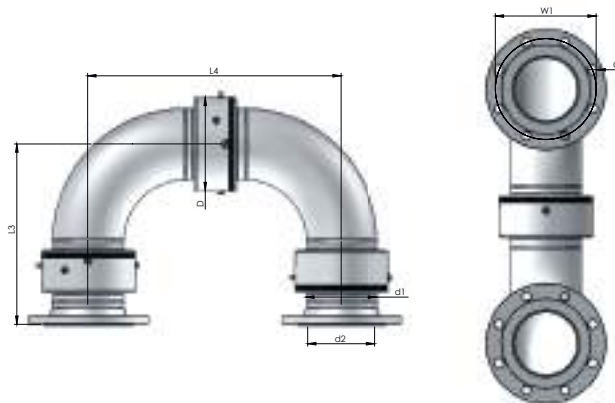


Swivel Joint for water, general purpose

- ✓ Single flow design, vertical rotation
- ✓ Carbon steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All flage types are aviable DIN, ANSI etc..

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO     | DØ  | L3  | L4  | d1Ø    | d2Ø    | W1Ø | OØ      | KG     |
|------|--------------|-----|-----|-----|--------|--------|-----|---------|--------|
| 20   | E2 - FF5-020 | 72  | 142 | 133 | 26,90  | 21,10  | 75  | 14 X 4  | 6,36   |
| 25   | E2 - FF5-025 | 78  | 149 | 146 | 33,70  | 27,30  | 85  | 14 X 4  | 7,42   |
| 32   | E2 - FF5-032 | 88  | 193 | 201 | 42,40  | 35,20  | 100 | 18 X 4  | 12,68  |
| 40   | E2 - FF5-040 | 100 | 204 | 219 | 48,30  | 36,90  | 110 | 18 X 4  | 17,01  |
| 50   | E2 - FF5-050 | 118 | 221 | 252 | 60,30  | 48,50  | 125 | 18 X 4  | 22,22  |
| 65   | E2 - FF5-065 | 133 | 250 | 300 | 76,10  | 59     | 145 | 18 X 8  | 31,22  |
| 80   | E2 - FF5-080 | 139 | 275 | 340 | 88,90  | 82,50  | 160 | 18 X 8  | 31,52  |
| 100  | E2 - FF5-100 | 175 | 314 | 414 | 114,30 | 107,10 | 180 | 18 X 8  | 47,22  |
| 125  | E2 - FF5-125 | 199 | 385 | 520 | 139,70 | 131,70 | 210 | 18 X 8  | 71,22  |
| 150  | E2 - FF5-150 | 222 | 429 | 603 | 168,30 | 159,30 | 240 | 22 X 8  | 87     |
| 200  | E2 - FF5-200 | 288 | 547 | 790 | 219,10 | 207,30 | 295 | 22 X 12 | 154,97 |

Swivel Joint

# E2-FF5 SS Series



Media Type

**Water, Food + General Purpose**



Max. Speed

**20 RPM**



Max. Pressure

**200 BAR**



Max. Temperature

**80 °C**



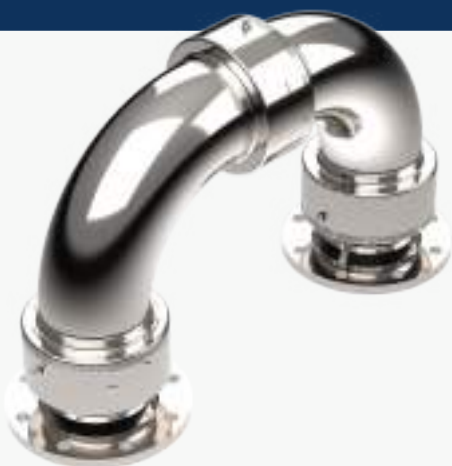
Connection Type

**FL**



Rotor Size

**DN20 - DN200**



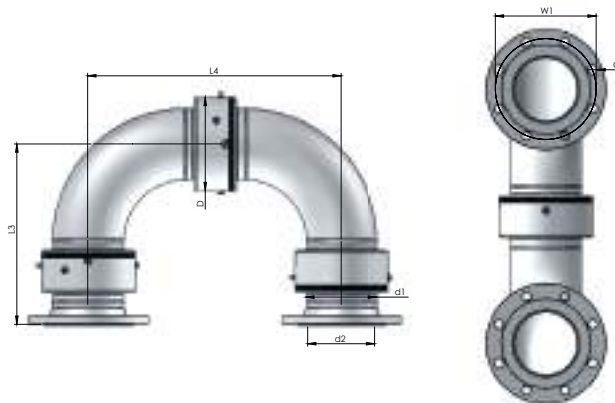
Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ Single flow design, vertical rotation
- ✓ Stainless steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All flage types are aviable DIN, ANSI etc..



Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO        | DØ  | L3  | L4  | d1Ø    | d2Ø    | W1Ø | OØ      | KG     |
|------|-----------------|-----|-----|-----|--------|--------|-----|---------|--------|
| 20   | E2 - FF5-020-SS | 72  | 142 | 133 | 26,90  | 21,10  | 75  | 14 X 4  | 6,36   |
| 25   | E2 - FF5-025-SS | 78  | 149 | 146 | 33,70  | 27,30  | 85  | 14 X 4  | 7,42   |
| 32   | E2 - FF5-032-SS | 88  | 193 | 201 | 42,40  | 35,20  | 100 | 18 X 4  | 12,68  |
| 40   | E2 - FF5-040-SS | 100 | 204 | 219 | 48,30  | 36,90  | 110 | 18 X 4  | 17,01  |
| 50   | E2 - FF5-050-SS | 118 | 221 | 252 | 60,30  | 48,50  | 125 | 18 X 4  | 22,22  |
| 65   | E2 - FF5-065-SS | 133 | 250 | 300 | 76,10  | 59     | 145 | 18 X 8  | 31,22  |
| 80   | E2 - FF5-080-SS | 139 | 275 | 340 | 88,90  | 82,50  | 160 | 18 X 8  | 31,52  |
| 100  | E2 - FF5-100-SS | 175 | 314 | 414 | 114,30 | 107,10 | 180 | 18 X 8  | 47,22  |
| 125  | E2 - FF5-125-SS | 199 | 385 | 520 | 139,70 | 131,70 | 210 | 18 X 8  | 71,22  |
| 150  | E2 - FF5-150-SS | 222 | 429 | 603 | 168,30 | 159,30 | 240 | 22 X 8  | 87     |
| 200  | E2 - FF5-200-SS | 288 | 547 | 790 | 219,10 | 207,30 | 295 | 22 X 12 | 154,97 |



SWIVEL JOINT

# E3-EE SERIES

Swivel Joint Solutions for  
Fluid Transfer Systems



SINGLE  
FLOW DESIGN



CARBON STEEL  
MATERIAL



HARDENED INNER  
SEALING SURFACE



SPECIAL DESIGN  
SEALING COMPONENTS



EASY CHANGABLE  
REPAIR PARTS



MULTIPLE THREAD  
OPTIONS

ENGINEERED FOR RELIABILITY. BUILT FOR PERFORMANCE.



Swivel Joint

# E3-EE Series

Media Type  
**Hydraulic Oil,  
Water + General Purpose**

Max. Speed  
**20 RPM**

Max. Pressure  
**350 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**BSP, BSPP, NPT, Metric**

Rotor Size  
**1/4" DN08 - 2" DN50**

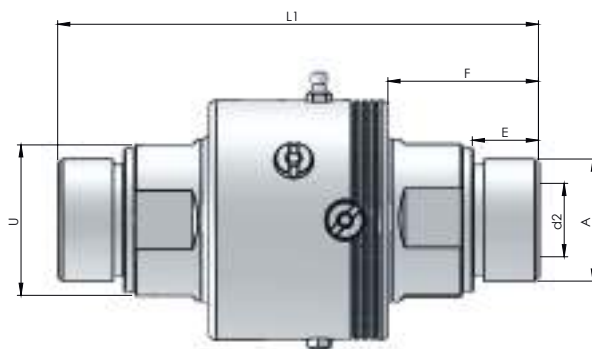


- ✓ Single flow desing
- ✓ Carbon Steel (42CrMo4)
- ✓ Hardened inner sealing surface
- ✓ Special desing sealing components
- ✓ Easy changable repair parts
- ✓ BSP, BSPP, NPT, UNF, Metric threads...

Swivel Joint for water, hydraulic oil, gress and chemical fluids

⚠ Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO      | A         | DØ | L1  | E  | F  | d2Ø | U  | KG   |
|------|---------------|-----------|----|-----|----|----|-----|----|------|
| 1/4" | E3 - EE-008-1 | 1/4" NPT  | 50 | 105 | 13 | 30 | 7   | 22 | 0,72 |
| 1/4" | E3 - EE-008-2 | 1/4" BSP  | 50 | 105 | 13 | 30 | 7   | 22 | 0,72 |
| 1/4" | E3 - EE-008-3 | 1/4" BSPP | 50 | 105 | 13 | 30 | 7   | 22 | 0,72 |
| 3/8" | E3 - EE-010-1 | 3/8" NPT  | 50 | 105 | 14 | 31 | 9   | 22 | 0,73 |
| 3/8" | E3 - EE-010-2 | 3/8" BSP  | 50 | 105 | 14 | 31 | 9   | 22 | 0,73 |
| 3/8" | E3 - EE-010-3 | 3/8" BSPP | 50 | 105 | 14 | 31 | 9   | 22 | 0,73 |
| 1/2" | E3 - EE-015-1 | 1/2" NPT  | 50 | 105 | 14 | 31 | 12  | 27 | 0,77 |
| 1/2" | E3 - EE-015-2 | 1/2" BSP  | 50 | 105 | 14 | 31 | 12  | 27 | 0,77 |
| 1/2" | E3 - EE-015-3 | 1/2" BSPP | 50 | 105 | 14 | 31 | 12  | 27 | 0,77 |
| 3/4" | E3 - EE-020-1 | 3/4" NPT  | 60 | 121 | 16 | 36 | 14  | 32 | 1,29 |
| 3/4" | E3 - EE-020-2 | 3/4" BSP  | 60 | 121 | 16 | 36 | 14  | 32 | 1,29 |
| 3/4" | E3 - EE-020-3 | 3/4" BSPP | 60 | 121 | 16 | 36 | 14  | 32 | 1,29 |



|        |               |             |    |        |    |    |    |    |      |
|--------|---------------|-------------|----|--------|----|----|----|----|------|
| 1"     | E3 - EE-025-1 | 1" NPT      | 65 | 131    | 18 | 41 | 20 | 41 | 1,65 |
| 1"     | E3 - EE-025-2 | 1" BSP      | 65 | 131    | 18 | 41 | 20 | 41 | 1,65 |
| 1"     | E3 - EE-025-3 | 1" BSPP     | 65 | 131    | 18 | 41 | 20 | 41 | 1,65 |
| 1 1/4" | E3 - EE-032-1 | 1 1/4" NPT  | 75 | 161    | 20 | 43 | 25 | 50 | 3,03 |
| 1 1/4" | E3 - EE-032-2 | 1 1/4" BSP  | 75 | 161    | 20 | 43 | 25 | 50 | 3,03 |
| 1 1/4" | E3 - EE-032-3 | 1 1/4" BSPP | 75 | 161    | 20 | 43 | 25 | 50 | 3,03 |
| 1 1/2" | E3 - EE-040-1 | 1 1/2" NPT  | 80 | 167,50 | 22 | 46 | 32 | 55 | 3,14 |
| 1 1/2" | E3 - EE-040-2 | 1 1/2" BSP  | 80 | 167,50 | 22 | 46 | 32 | 55 | 3,14 |
| 1 1/2" | E3 - EE-040-3 | 1 1/2" BSPP | 80 | 167,50 | 22 | 46 | 32 | 55 | 3,14 |

Swivel Joint

# E3-EE SS Series



Media Type  
**Hydraulic Oil, Food,  
Water + General Purpose**

Max. Speed  
**20 RPM**

Max. Pressure  
**160 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**BSP, BSPP, NPT, Metric**

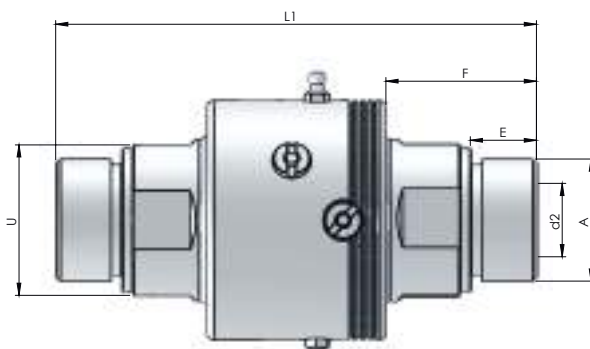
Rotor Size  
**1/4" DN08 - 2" DN50**

- ✓ Single flow design,
- ✓ Stainless steel material (AISI 316Ti)
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ BSP, BSPP, NPT, UNF, Metric threads...

Swivel Joint for water, hydraulic oil, gress and chemical fluids

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO          | A         | DØ | L1  | E  | F  | d2Ø | U  | KG   |
|------|-------------------|-----------|----|-----|----|----|-----|----|------|
| 1/4" | E3 - EE-008-1-304 | 1/4" NPT  | 50 | 105 | 13 | 30 | 7   | 22 | 0,73 |
| 1/4" | E3 - EE-008-2-304 | 1/4" BSP  | 50 | 105 | 13 | 30 | 7   | 22 | 0,73 |
| 1/4" | E3 - EE-008-3-304 | 1/4" BSPP | 50 | 105 | 13 | 30 | 7   | 22 | 0,73 |
| 3/8" | E3 - EE-010-1-304 | 3/8" NPT  | 50 | 105 | 14 | 31 | 9   | 22 | 0,74 |
| 3/8" | E3 - EE-010-2-304 | 3/8" BSP  | 50 | 105 | 14 | 31 | 9   | 22 | 0,74 |
| 3/8" | E3 - EE-010-3-304 | 3/8" BSPP | 50 | 105 | 14 | 31 | 9   | 22 | 0,74 |
| 1/2" | E3 - EE-015-1-304 | 1/2" NPT  | 50 | 105 | 14 | 31 | 12  | 27 | 0,73 |
| 1/2" | E3 - EE-015-2-304 | 1/2" BSP  | 50 | 105 | 14 | 31 | 12  | 27 | 0,73 |
| 1/2" | E3 - EE-015-3-304 | 1/2" BSPP | 50 | 105 | 14 | 31 | 12  | 27 | 0,73 |
| 3/4" | E3 - EE-020-1-304 | 3/4" NPT  | 60 | 121 | 16 | 36 | 14  | 32 | 1,33 |
| 3/4" | E3 - EE-020-2-304 | 3/4" BSP  | 60 | 121 | 16 | 36 | 14  | 32 | 1,33 |
| 3/4" | E3 - EE-020-3-304 | 3/4" BSPP | 60 | 121 | 16 | 36 | 14  | 32 | 1,33 |



|        |                   |             |    |        |    |    |    |    |      |
|--------|-------------------|-------------|----|--------|----|----|----|----|------|
| 1"     | E3 - EE-025-1-304 | 1" NPT      | 65 | 131    | 18 | 41 | 20 | 41 | 1,66 |
| 1"     | E3 - EE-025-2-304 | 1" BSP      | 65 | 131    | 18 | 41 | 20 | 41 | 1,66 |
| 1"     | E3 - EE-025-3-304 | 1" BSPP     | 65 | 131    | 18 | 41 | 20 | 41 | 1,66 |
| 1 1/4" | E3 - EE-032-1-304 | 1 1/4" NPT  | 75 | 161    | 20 | 43 | 25 | 50 | 3,11 |
| 1 1/4" | E3 - EE-032-2-304 | 1 1/4" BSP  | 75 | 161    | 20 | 43 | 25 | 50 | 3,11 |
| 1 1/4" | E3 - EE-032-3-304 | 1 1/4" BSPP | 75 | 161    | 20 | 43 | 25 | 50 | 3,11 |
| 1 1/2" | E3 - EE-040-1-304 | 1 1/2" NPT  | 80 | 167,50 | 22 | 46 | 32 | 55 | 3,22 |
| 1 1/2" | E3 - EE-040-2-304 | 1 1/2" BSP  | 80 | 167,50 | 22 | 46 | 32 | 55 | 3,22 |
| 1 1/2" | E3 - EE-040-3-304 | 1 1/2" BSPP | 80 | 167,50 | 22 | 46 | 32 | 55 | 3,22 |



# E4-DD

## SERIES

### SWIVEL JOINT

High-performance swivel joint engineered for double rotation and demanding applications.



**DOUBLE ROTATION**  
Independent rotation on both axes for maximum flexibility



**LEAK-FREE DESIGN**  
Advanced sealing system ensures reliable, long-term performance



**BUILT TOUGH**  
Robust construction with premium materials for extended durability



**EASY MAINTENANCE**  
Grease fitting for easy lubrication and reduced downtime



**WIDE COMPATIBILITY**  
Suitable for hydraulic, air, water and multi-media applications



**QUALITY FIRST**  
Committed to superior quality in every product



**CUSTOMER FOCUSED**  
Understanding needs, delivering solutions



**ENGINEERING EXPERTISE**  
Advanced technology, precision engineering



**RELIABLE PERFORMANCE**  
Tested for reliability, built to perform



**GLOBAL SOLUTIONS**  
Serving industries worldwide



# STAINLESS STEEL ROTARY UNION SOLUTIONS

## ENGINEERED FOR RUBBER & TIRE INDUSTRY

Rototech stainless steel rotary unions ensure safe and efficient transfer of fluids in the most demanding rubber & tire manufacturing processes. Manufactured from high-grade stainless steel, they deliver excellent resistance to high temperatures, extreme pressure, abrasion and chemicals – guaranteeing long service life and maximum uptime.

### STAINLESS STEEL ADVANTAGES

-  **HIGH TEMPERATURE RESISTANCE**  
Reliable performance up to 550 °C
-  **HIGH PRESSURE CAPABILITY**  
Withstands up to 250 Bar
-  **CORROSION & OXIDATION RESISTANCE**  
Ideal for harsh, corrosive environments
-  **EXCELLENT MECHANICAL STRENGTH**  
Resistant to vibration, pressure pulsation and mechanical stress
-  **HYGIENIC & CONTAMINATION SAFE**  
Smooth surfaces, easy to clean
-  **LONG SERVICE LIFE**  
Engineered for maximum durability and reduced maintenance



### IDEAL FOR RUBBER & TIRE APPLICATIONS

- |                                                                                                                                                                              |                                                                                                                                                                             |                                                                                                                                                                         |                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>TIRE BUILDING MACHINES</b><br>Consistent performance in tire production processes. | <br><b>CALENDERING LINES</b><br>Withstands high temperatures and continuous operation. | <br><b>EXTRUDERS &amp; MIXERS</b><br>Efficient fluid transfer under high pressure. | <br><b>COOLING &amp; HEATING SYSTEMS</b><br>Optimal temperature control for quality & efficiency. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### WHERE ROTOTECH ROTARY UNIONS ARE USED

- |                                                                                                                                                                     |                                                                                                                                                                 |                                                                                                                                                                          |                                                                                                                                                                                      |                                                                                                                                                                  |                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>TIRE CURING PRESSES</b><br>Steam, hot water and thermal oil applications. | <br><b>CALENDERING LINES</b><br>Roll temperature control and fluid transfer. | <br><b>EXTRUDERS &amp; MIXERS</b><br>Cooling water, steam and hydraulic oil transfer. | <br><b>MOLDS &amp; DIE HEADS</b><br>Precise temperature control for consistent product quality. | <br><b>HYDRAULIC SYSTEMS</b><br>Power transmission in heavy-duty machinery. | <br><b>COOLING TOWERS</b><br>Heat rejection and cooling water circulation. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|

### STAINLESS STEEL ROTARY UNION SERIES



#### FLANGED

- Robust flange connection
- High flow capacity
- Ideal for heavy-duty processes



#### THREADED

- Compact design
- Easy installation
- Suitable for general applications



#### SWIVEL

- 360° rotation capability
- Eliminates hose twisting
- Protects hoses and improves safety



#### MULTI PASS

- Multiple independent passages
- Transfers different fluids simultaneously



#### HIGH FLOW

- Maximum flow performance
- Low pressure drop
- Designed for high demand systems



#### CUSTOM SOLUTIONS

- Tailored to your application
- Different sizes, connections & passages





Swivel Joint

# E4-DD Series

Media Type  
**Hydraulic Oil,  
Water + General Purpose**

Max. Speed  
**20 RPM**

Max. Pressure  
**350 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**BSPP, BSPT, NPT, Metric**

Rotor Size  
**1/4" DN08 - 4" DN100**

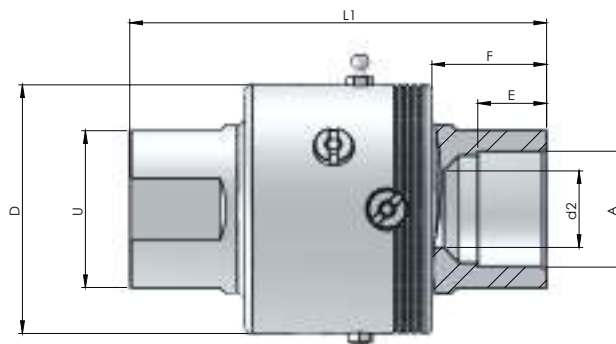


Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ Single flow design,
- ✓ Carbon steel material (42CrMo4)
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ BSP, BSPP, NPT, UNF, Metric threads...

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO      | A         | DØ | L1     | E  | F     | d2Ø | U  | KG   |
|------|---------------|-----------|----|--------|----|-------|-----|----|------|
| 1/4" | E4 - DD-008-1 | 1/4" NPT  | 50 | 95,50  | 12 | 23    | 7   | 22 | 0,73 |
| 1/4" | E4 - DD-008-2 | 1/4" BSP  | 50 | 95,50  | 12 | 23    | 7   | 22 | 0,73 |
| 1/4" | E4 - DD-008-3 | 1/4" BSPP | 50 | 95,50  | 12 | 23    | 7   | 22 | 0,73 |
| 3/8" | E4 - DD-010-1 | 3/8" NPT  | 50 | 89     | 12 | 23    | 9   | 22 | 0,71 |
| 3/8" | E4 - DD-010-2 | 3/8" BSP  | 50 | 89     | 12 | 23    | 9   | 22 | 0,71 |
| 3/8" | E4 - DD-010-3 | 3/8" BSPP | 50 | 89     | 12 | 23    | 9   | 22 | 0,71 |
| 1/2" | E4 - DD-015-1 | 1/2" NPT  | 50 | 93     | 14 | 25    | 12  | 27 | 0,75 |
| 1/2" | E4 - DD-015-2 | 1/2" BSP  | 50 | 93     | 14 | 25    | 12  | 27 | 0,75 |
| 1/2" | E4 - DD-015-3 | 1/2" BSPP | 50 | 93     | 14 | 25    | 12  | 27 | 0,75 |
| 3/4" | E4 - DD-020-1 | 3/4" NPT  | 60 | 102,00 | 16 | 26,50 | 14  | 32 | 1,18 |
| 3/4" | E4 - DD-020-2 | 3/4" BSP  | 60 | 102,00 | 16 | 26,50 | 14  | 32 | 1,18 |
| 3/4" | E4 - DD-020-3 | 3/4" BSPP | 60 | 102,00 | 16 | 26,50 | 14  | 32 | 1,18 |



|        |               |             |     |        |       |       |       |     |       |
|--------|---------------|-------------|-----|--------|-------|-------|-------|-----|-------|
| 1"     | E4 - DD-025-1 | 1" NPT      | 65  | 109    | 18    | 30    | 20    | 41  | 1,46  |
| 1"     | E4 - DD-025-2 | 1" BSP      | 65  | 109    | 18    | 30    | 20    | 41  | 1,46  |
| 1"     | E4 - DD-025-3 | 1" BSPP     | 65  | 109    | 18    | 30    | 20    | 41  | 1,46  |
| 1 1/4" | E4 - DD-032-1 | 1 1/4" NPT  | 75  | 142    | 20    | 35    | 25    | 50  | 2,71  |
| 1 1/4" | E4 - DD-032-2 | 1 1/4" BSP  | 75  | 142    | 20    | 35    | 25    | 50  | 2,71  |
| 1 1/4" | E4 - DD-032-3 | 1 1/4" BSPP | 75  | 142    | 20    | 35    | 25    | 50  | 2,71  |
| 1 1/2" | E4 - DD-040-1 | 1 1/2" NPT  | 80  | 142,50 | 22    | 35    | 32    | 55  | 2,79  |
| 1 1/2" | E4 - DD-040-2 | 1 1/2" BSP  | 80  | 142,50 | 22    | 35    | 32    | 55  | 2,79  |
| 1 1/2" | E4 - DD-040-3 | 1 1/2" BSPP | 80  | 142,50 | 22    | 35    | 32    | 55  | 2,79  |
| 2"     | E4 - DD-050-1 | 2" NPT      | 118 | 176    | 27    | 61/45 | 48,50 | 70  | 6,70  |
| 2"     | E4 - DD-050-2 | 2" BSP      | 118 | 176    | 27    | 61/45 | 48,50 | 70  | 6,70  |
| 2"     | E4 - DD-050-3 | 2" BSPP     | 118 | 176    | 27    | 61/45 | 48,50 | 70  | 6,70  |
| 2 1/2" | E4 - DD-065-1 | 2 1/2" NPT  | 133 | 135    | 26,70 | 35    | 59    | 88  | 7,21  |
| 2 1/2" | E4 - DD-065-2 | 2 1/2" BSP  | 133 | 135    | 26,70 | 35    | 59    | 88  | 7,21  |
| 2 1/2" | E4 - DD-065-3 | 2 1/2" BSPP | 133 | 135    | 26,70 | 35    | 59    | 88  | 7,21  |
| 3"     | E4 - DD-080-1 | 3" NPT      | 139 | 148    | 30    | 42    | 76,30 | 100 | 7,50  |
| 3"     | E4 - DD-080-2 | 3" BSP      | 139 | 148    | 30    | 42    | 76,30 | 100 | 7,50  |
| 3"     | E4 - DD-080-3 | 3" BSPP     | 139 | 148    | 30    | 42    | 76,30 | 100 | 7,50  |
| 4"     | E4 - DD-100-1 | 4" NPT      | 175 | 155    | 35,80 | 40    | 97,10 | 121 | 11,12 |
| 4"     | E4 - DD-100-2 | 4" BSP      | 175 | 155    | 35,80 | 40    | 97,10 | 121 | 11,12 |
| 4"     | E4 - DD-100-3 | 4" BSPP     | 175 | 155    | 35,80 | 40    | 97,10 | 121 | 11,12 |

Swivel Joint

# E4-DDS Series

Media Type  
**Hydraulic Oil, Food,  
Water + General Purpose**

Max. Speed  
**20 RPM**

Max. Pressure  
**160 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**BSP, BSPT, NPT, Metric**

Rotor Size  
**1/4" DN08 - 4" DN100**

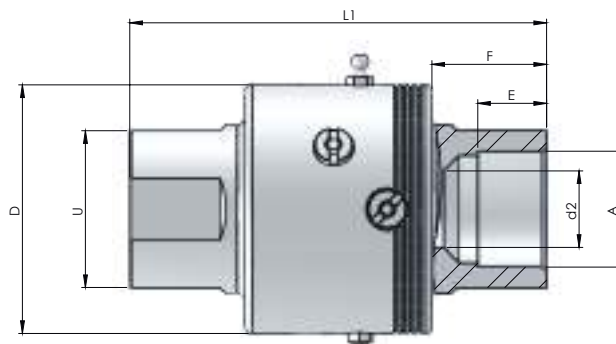


Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ Single flow design,
- ✓ Stainless steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ BSP, BSPP, NPT, UNF, Metric threads...

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO         | A         | DØ | L1     | E  | F     | d2Ø | U  | KG   |
|------|------------------|-----------|----|--------|----|-------|-----|----|------|
| 1/4" | E4 - DD-008-1-SS | 1/4" NPT  | 50 | 95,50  | 12 | 23    | 7   | 22 | 0,73 |
| 1/4" | E4 - DD-008-2-SS | 1/4" BSP  | 50 | 95,50  | 12 | 23    | 7   | 22 | 0,73 |
| 1/4" | E4 - DD-008-3-SS | 1/4" BSPP | 50 | 95,50  | 12 | 23    | 7   | 22 | 0,73 |
| 3/8" | E4 - DD-010-1-SS | 3/8" NPT  | 50 | 89     | 12 | 23    | 9   | 22 | 0,71 |
| 3/8" | E4 - DD-010-2-SS | 3/8" BSP  | 50 | 89     | 12 | 23    | 9   | 22 | 0,71 |
| 3/8" | E4 - DD-010-3-SS | 3/8" BSPP | 50 | 89     | 12 | 23    | 9   | 22 | 0,71 |
| 1/2" | E4 - DD-015-1-SS | 1/2" NPT  | 50 | 93     | 14 | 25    | 12  | 27 | 0,76 |
| 1/2" | E4 - DD-015-2-SS | 1/2" BSP  | 50 | 93     | 14 | 25    | 12  | 27 | 0,76 |
| 1/2" | E4 - DD-015-3-SS | 1/2" BSPP | 50 | 93     | 14 | 25    | 12  | 27 | 0,76 |
| 3/4" | E4 - DD-020-1-SS | 3/4" NPT  | 60 | 102,00 | 16 | 26,50 | 14  | 32 | 1,96 |
| 3/4" | E4 - DD-020-2-SS | 3/4" BSP  | 60 | 102,00 | 16 | 26,50 | 14  | 32 | 1,96 |
| 3/4" | E4 - DD-020-3-SS | 3/4" BSPP | 60 | 102,00 | 16 | 26,50 | 14  | 32 | 1,96 |



|        |                  |             |     |        |       |       |       |     |       |
|--------|------------------|-------------|-----|--------|-------|-------|-------|-----|-------|
| 1"     | E4 - DD-025-1-SS | 1" NPT      | 65  | 109    | 18    | 30    | 20    | 41  | 1,48  |
| 1"     | E4 - DD-025-2-SS | 1" BSP      | 65  | 109    | 18    | 30    | 20    | 41  | 1,48  |
| 1"     | E4 - DD-025-3-SS | 1" BSPP     | 65  | 109    | 18    | 30    | 20    | 41  | 1,48  |
| 1 1/4" | E4 - DD-032-1-SS | 1 1/4" NPT  | 75  | 142    | 20    | 35    | 25    | 50  | 2,73  |
| 1 1/4" | E4 - DD-032-2-SS | 1 1/4" BSP  | 75  | 142    | 20    | 35    | 25    | 50  | 2,73  |
| 1 1/4" | E4 - DD-032-3-SS | 1 1/4" BSPP | 75  | 142    | 20    | 35    | 25    | 50  | 2,73  |
| 1 1/2" | E4 - DD-040-1-SS | 1 1/2" NPT  | 80  | 142,50 | 22    | 35    | 32    | 55  | 2,93  |
| 1 1/2" | E4 - DD-040-2-SS | 1 1/2" BSP  | 80  | 142,50 | 22    | 35    | 32    | 55  | 2,93  |
| 1 1/2" | E4 - DD-040-3-SS | 1 1/2" BSPP | 80  | 142,50 | 22    | 35    | 32    | 55  | 2,93  |
| 2"     | E4 - DD-050-1-SS | 2" NPT      | 118 | 176    | 27    | 61/45 | 48,50 | 70  | 8,85  |
| 2"     | E4 - DD-050-2-SS | 2" BSP      | 118 | 176    | 27    | 61/45 | 48,50 | 70  | 8,85  |
| 2"     | E4 - DD-050-3-SS | 2" BSPP     | 118 | 176    | 27    | 61/45 | 48,50 | 70  | 8,85  |
| 2 1/2" | E4 - DD-065-1 SS | 2 1/2" NPT  | 133 | 135    | 26,70 | 35    | 59    | 88  | 7,39  |
| 2 1/2" | E4 - DD-065-2 SS | 2 1/2" BSP  | 133 | 135    | 26,70 | 35    | 59    | 88  | 7,39  |
| 2 1/2" | E4 - DD-065-3 SS | 2 1/2" BSPP | 133 | 135    | 26,70 | 35    | 59    | 88  | 7,39  |
| 3"     | E4 - DD-080-1 SS | 3" NPT      | 139 | 148    | 30    | 42    | 76,30 | 100 | 7,70  |
| 3"     | E4 - DD-080-2 SS | 3" BSP      | 139 | 148    | 30    | 42    | 76,30 | 100 | 7,70  |
| 3"     | E4 - DD-080-3 SS | 3" BSPP     | 139 | 148    | 30    | 42    | 76,30 | 100 | 7,70  |
| 4"     | E4 - DD-100-1 SS | 4" NPT      | 175 | 155    | 35,80 | 40    | 97,10 | 121 | 11,40 |
| 4"     | E4 - DD-100-2 SS | 4" BSP      | 175 | 155    | 35,80 | 40    | 97,10 | 121 | 11,40 |
| 4"     | E4 - DD-100-3 SS | 4" BSPP     | 175 | 155    | 35,80 | 40    | 97,10 | 121 | 11,40 |





# E5-ED

## SERIES

### SWIVEL JOINT

High-performance swivel joint engineered for extreme pressure, dual rotation and demanding applications.



#### DUAL ROTATION

Independent rotation on both axes for maximum flexibility and performance



#### EXTREME SEALING

Advanced sealing technology ensures leak-free operation even under extreme pressure



#### BUILT TO ENDURE

Robust construction with premium materials for superior durability



#### EASY MAINTENANCE

Grease fitting for easy lubrication and extended service life



#### WIDE COMPATIBILITY

Ideal for hydraulic, air, water and multi-media applications



#### QUALITY FIRST

Committed to superior quality in every product



#### CUSTOMER FOCUSED

Understanding needs, delivering solutions



#### ENGINEERING EXPERTISE

Advanced technology, precision engineering



#### RELIABLE PERFORMANCE

Tested for reliability, built to perform



#### GLOBAL SOLUTIONS

Serving industries worldwide



Swivel Joint

# E5-ED Series

Media Type  
**Hydraulic Oil,  
Water + General Purpose**

Max. Speed  
**20 RPM**

Max. Pressure  
**350 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**BSP, BSPP, NPT, Metric**

Rotor Size  
**1/4" DN08 - 2" DN50**

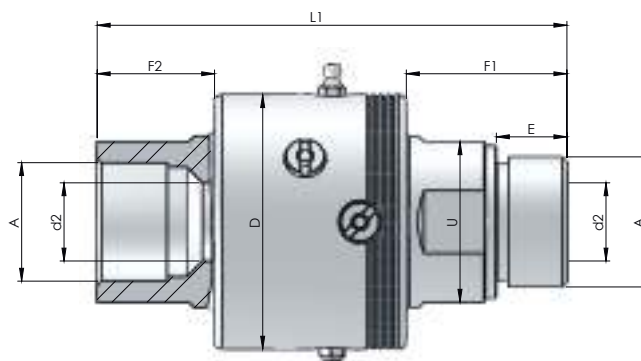


Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ Single flow design,
- ✓ Carbon steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ BSP, BSPP, NPT, UNF, Metric threads...

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO      | A         | DØ | L1     | E  | F1 | F2    | d2Ø | U  | KG   |
|------|---------------|-----------|----|--------|----|----|-------|-----|----|------|
| 1/4" | E5 - ED-008-1 | 1/4" NPT  | 50 | 95,50  | 13 | 30 | 33    | 7   | 22 | 0,72 |
| 1/4" | E5 - ED-008-2 | 1/4" BSP  | 50 | 95,50  | 13 | 30 | 33    | 7   | 22 | 0,72 |
| 1/4" | E5 - ED-008-3 | 1/4" BSPP | 50 | 95,50  | 13 | 30 | 33    | 7   | 22 | 0,72 |
| 3/8" | E5 - ED-010-1 | 3/8" NPT  | 50 | 97     | 14 | 31 | 23    | 9   | 22 | 0,73 |
| 3/8" | E5 - ED-010-2 | 3/8" BSP  | 50 | 97     | 14 | 31 | 23    | 9   | 22 | 0,73 |
| 3/8" | E5 - ED-010-3 | 3/8" BSPP | 50 | 97     | 14 | 31 | 23    | 9   | 22 | 0,73 |
| 1/2" | E5 - ED-015-1 | 1/2" NPT  | 50 | 99     | 14 | 31 | 25    | 12  | 27 | 0,76 |
| 1/2" | E5 - ED-015-2 | 1/2" BSP  | 50 | 99     | 14 | 31 | 25    | 12  | 27 | 0,76 |
| 1/2" | E5 - ED-015-3 | 1/2" BSPP | 50 | 99     | 14 | 31 | 25    | 12  | 27 | 0,76 |
| 3/4" | E5 - ED-020-1 | 3/4" NPT  | 60 | 111,50 | 16 | 36 | 26,50 | 14  | 32 | 1,23 |
| 3/4" | E5 - ED-020-2 | 3/4" BSP  | 60 | 111,50 | 16 | 36 | 26,50 | 14  | 32 | 1,23 |
| 3/4" | E5 - ED-020-3 | 3/4" BSPP | 60 | 111,50 | 16 | 36 | 26,50 | 14  | 32 | 1,23 |

|        |               |             |    |        |    |    |    |    |    |      |
|--------|---------------|-------------|----|--------|----|----|----|----|----|------|
| 1"     | E5 - ED-025-1 | 1" NPT      | 65 | 120    | 18 | 41 | 30 | 20 | 41 | 1,54 |
| 1"     | E5 - ED-025-2 | 1" BSP      | 65 | 120    | 18 | 41 | 30 | 20 | 41 | 1,54 |
| 1"     | E5 - ED-025-3 | 1" BSPP     | 65 | 120    | 18 | 41 | 30 | 20 | 41 | 1,54 |
| 1 1/4" | E5 - ED-032-1 | 1 1/4" NPT  | 75 | 150    | 20 | 43 | 35 | 25 | 50 | 3,03 |
| 1 1/4" | E5 - ED-032-2 | 1 1/4" BSP  | 75 | 150    | 20 | 43 | 35 | 25 | 50 | 3,03 |
| 1 1/4" | E5 - ED-032-3 | 1 1/4" BSPP | 75 | 150    | 20 | 43 | 35 | 25 | 50 | 3,03 |
| 1 1/2" | E5 - ED-040-1 | 1 1/2" NPT  | 80 | 157,50 | 22 | 50 | 40 | 32 | 55 | 3,14 |
| 1 1/2" | E5 - ED-040-2 | 1 1/2" BSP  | 80 | 157,50 | 22 | 50 | 40 | 32 | 55 | 3,14 |
| 1 1/2" | E5 - ED-040-3 | 1 1/2" BSPP | 80 | 157,50 | 22 | 50 | 40 | 32 | 55 | 3,14 |



Swivel Joint

# E5-EDS Series

Media Type  
**Hydraulic Oil,  
Water + General Purpose**

Max. Speed  
**20 RPM**

Max. Pressure  
**160 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**BSP, BSPP, NPT, Metric**

Rotor Size  
**1/4" DN08 - 2" DN50**

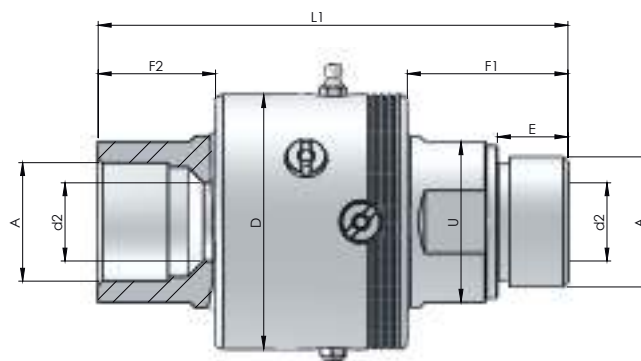


- ✓ Single flow design,
- ✓ Stainless steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ BSP, BSPP, NPT, UNF, Metric threads...

Swivel Joint for water, hydraulic oil, gress and chemical fluids

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE | MODEL NO         | A         | DØ | L1     | E  | F1 | F2    | d2Ø | U  | KG   |
|------|------------------|-----------|----|--------|----|----|-------|-----|----|------|
| 1/4" | E5 - ED-008-1-SS | 1/4" NPT  | 50 | 95,50  | 13 | 30 | 33    | 7   | 22 | 0,73 |
| 1/4" | E5 - ED-008-2-SS | 1/4" BSP  | 50 | 95,50  | 13 | 30 | 33    | 7   | 22 | 0,73 |
| 1/4" | E5 - ED-008-3-SS | 1/4" BSPP | 50 | 95,50  | 13 | 30 | 33    | 7   | 22 | 0,73 |
| 3/8" | E5 - ED-010-1-SS | 3/8" NPT  | 50 | 97     | 14 | 31 | 23    | 9   | 22 | 0,74 |
| 3/8" | E5 - ED-010-2-SS | 3/8" BSP  | 50 | 97     | 14 | 31 | 23    | 9   | 22 | 0,74 |
| 3/8" | E5 - ED-010-3-SS | 3/8" BSPP | 50 | 97     | 14 | 31 | 23    | 9   | 22 | 0,74 |
| 1/2" | E5 - ED-015-1-SS | 1/2" NPT  | 50 | 99     | 14 | 31 | 25    | 12  | 27 | 0,78 |
| 1/2" | E5 - ED-015-2-SS | 1/2" BSP  | 50 | 99     | 14 | 31 | 25    | 12  | 27 | 0,78 |
| 1/2" | E5 - ED-015-3-SS | 1/2" BSPP | 50 | 99     | 14 | 31 | 25    | 12  | 27 | 0,78 |
| 3/4" | E5 - ED-020-1-SS | 3/4" NPT  | 60 | 111,50 | 16 | 36 | 26,50 | 14  | 32 | 1,25 |
| 3/4" | E5 - ED-020-2-SS | 3/4" BSP  | 60 | 111,50 | 16 | 36 | 26,50 | 14  | 32 | 1,25 |
| 3/4" | E5 - ED-020-3-SS | 3/4" BSPP | 60 | 111,50 | 16 | 36 | 26,50 | 14  | 32 | 1,25 |

|        |                  |             |    |        |    |    |    |    |    |      |
|--------|------------------|-------------|----|--------|----|----|----|----|----|------|
| 1"     | E5 - ED-025-1-SS | 1" NPT      | 65 | 120    | 18 | 41 | 30 | 20 | 41 | 1,56 |
| 1"     | E5 - ED-025-2-SS | 1" BSP      | 65 | 120    | 18 | 41 | 30 | 20 | 41 | 1,56 |
| 1"     | E5 - ED-025-3-SS | 1" BSPP     | 65 | 120    | 18 | 41 | 30 | 20 | 41 | 1,56 |
| 1 1/4" | E5 - ED-032-1-SS | 1 1/4" NPT  | 75 | 150    | 20 | 43 | 35 | 25 | 50 | 3,11 |
| 1 1/4" | E5 - ED-032-2-SS | 1 1/4" BSP  | 75 | 150    | 20 | 43 | 35 | 25 | 50 | 3,11 |
| 1 1/4" | E5 - ED-032-3-SS | 1 1/4" BSPP | 75 | 150    | 20 | 43 | 35 | 25 | 50 | 3,11 |
| 1 1/2" | E5 - ED-040-1-SS | 1 1/2" NPT  | 80 | 157,50 | 22 | 50 | 40 | 32 | 55 | 3,22 |
| 1 1/2" | E5 - ED-040-2-SS | 1 1/2" BSP  | 80 | 157,50 | 22 | 50 | 40 | 32 | 55 | 3,22 |
| 1 1/2" | E5 - ED-040-3-SS | 1 1/2" BSPP | 80 | 157,50 | 22 | 50 | 40 | 32 | 55 | 3,22 |





# ROTOTECH SWIVEL JOINTS

— E7-ED90 SERİSİ —

SWIVEL JOINT TECHNOLOGY



**E7-ED90**  
SERİSİ



SMOOTH ROTATION



RELIABLE CONNECTION



ENGINEERED PRECISION



LEAK-FREE PERFORMANCE



[www.rototech.com.tr](http://www.rototech.com.tr)



Swivel Joint

# E7-ED90 Series

Media Type  
**Hydraulic Oil,  
Water + General Purpose**

Max. Speed  
**20 RPM**

Max. Pressure  
**350 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**BSPP, BSPT, NPT, Metric**

Rotor Size  
**1/4" DN08 - 1 1/2" DN40**

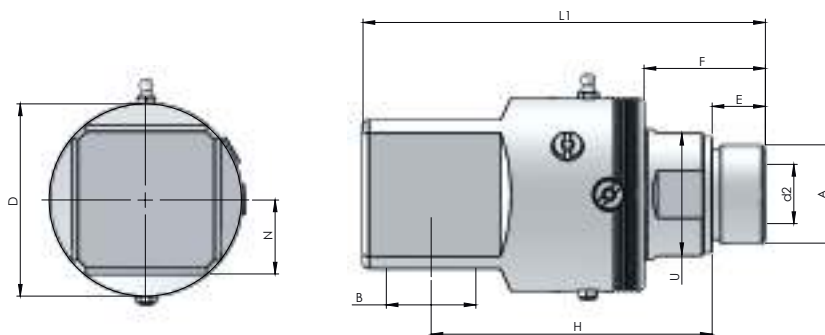


Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ Single flow design,
- ✓ Carbon steel material (1,7225)
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ BSP, BSPP, NPT, UNF, Metric threads...

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE       | MODEL NO      | A          | DØ | L1  | E  | F  | d2Ø | H     | N  | U  | KG   |
|------------|---------------|------------|----|-----|----|----|-----|-------|----|----|------|
| 1/4" BSP   | E7 - ED90-008 | 1/4" BSP   | 40 | 96  | 13 | 30 | 7   | 69,50 | 20 | 22 | 0,60 |
| 3/8" BSP   | E7 - ED90-010 | 3/8" BSP   | 40 | 96  | 13 | 30 | 9   | 69,50 | 20 | 22 | 0,57 |
| 1/2" BSP   | E7 - ED90-015 | 1/2" BSP   | 50 | 109 | 14 | 31 | 12  | 80    | 20 | 27 | 0,95 |
| 3/4" BSP   | E7 - ED90-020 | 3/4" BSP   | 60 | 125 | 16 | 36 | 14  | 90    | 24 | 32 | 1,64 |
| 1" BSP     | E7 - ED90-025 | 1" BSP     | 65 | 136 | 18 | 41 | 20  | 95    | 25 | 41 | 2,03 |
| 1 1/4" BSP | E7 - ED90-032 | 1 1/4" BSP | 75 | 171 | 20 | 43 | 25  | 122   | 31 | 50 | 3,75 |
| 1 1/2" BSP | E7 - ED90-040 | 1 1/2" BSP | 80 | 180 | 22 | 50 | 32  | 80    | 35 | 55 | 4,32 |



Swivel Joint

# E7-ED90 SS Series

Media Type  
**Hydraulic Oil,  
Water + General Purpose**

Max. Speed  
**20 RPM**

Max. Pressure  
**350 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**BSP, BSPP, NPT, Metric**

Rotor Size  
**1/4" DN08 - 1 1/2" DN40**

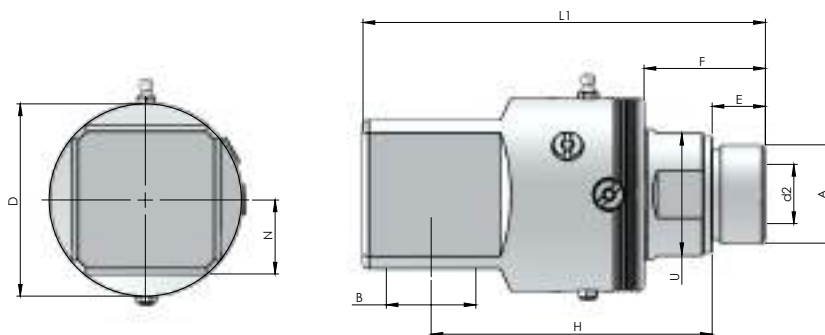


Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ Single flow design,
- ✓ Stainless steel material (AISI 316Ti)
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ BSP, BSPP, NPT, UNF, Metric threads...

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE       | MODEL NO         | A          | DØ | L1  | E  | F  | d2Ø | H     | N  | U  | KG   |
|------------|------------------|------------|----|-----|----|----|-----|-------|----|----|------|
| 1/4" BSP   | E7 - ED90-008-SS | 1/4" BSP   | 40 | 96  | 13 | 30 | 7   | 69,50 | 20 | 22 | 0,60 |
| 3/8" BSP   | E7 - ED90-010-SS | 3/8" BSP   | 40 | 96  | 13 | 30 | 9   | 69,50 | 20 | 22 | 0,57 |
| 1/2" BSP   | E7 - ED90-015-SS | 1/2" BSP   | 50 | 109 | 14 | 31 | 12  | 80    | 20 | 27 | 0,95 |
| 3/4" BSP   | E7 - ED90-020-SS | 3/4" BSP   | 60 | 125 | 16 | 36 | 14  | 90    | 24 | 32 | 1,64 |
| 1" BSP     | E7 - ED90-025-SS | 1" BSP     | 65 | 136 | 18 | 41 | 20  | 95    | 25 | 41 | 2,03 |
| 1 1/4" BSP | E7 - ED90-032-SS | 1 1/4" BSP | 75 | 171 | 20 | 43 | 25  | 122   | 31 | 50 | 3,75 |
| 1 1/2" BSP | E7 - ED90-040-SS | 1 1/2" BSP | 80 | 180 | 22 | 50 | 32  | 80    | 35 | 55 | 4,32 |





**Rototech®**  
ROTARY UNION • SWIVEL JOINTS

# ENGINEERED FOR EXCELLENCE



## SPECIALIZED SOLUTIONS FOR TIRE & RUBBER PRODUCTION PLANTS

Reliable fluid transfer solutions for  
Mixers, Calenders, Extruders,  
Cooling Drums, Presses and  
Curing Systems.



### RELIABLE FLUID TRANSFER

For steam, water, thermal oil  
and air in rubber mixing,  
calendering and curing  
processes.



### LEAK-FREE OPERATION

Advanced sealing technology  
ensures maximum reliability  
in high-pressure and  
high-temperature applications.



### ENGINEERED TO LAST

Robust construction for  
continuous operation in  
demanding rubber  
production environments.



### HIGH-PERFORMANCE DESIGN

Built to maintain stable  
performance under  
extreme pressure, speed  
and temperature.



### CUSTOM SOLUTIONS

Tailored rotary union and  
swivel joint solutions for  
your specific rubber  
processing needs.



## TRUSTED SOLUTIONS FOR TIRE & RUBBER PRODUCTION APPLICATIONS



### RUBBER MIXERS

- Banbury Mixers
- Internal Mixers
- Kneaders
- Discharge Systems



### CALENDERS

- Roll Calenders
- Sheet Calenders
- Cooling Rolls
- Polishing Rolls



### EXTRUDERS

- Profile Extrusion
- Hose & Tube Lines
- Rubber Strips
- Seal & Gasket Lines



### CURING PRESSES

- Compression Presses
- Transfer Molding
- Tire Curing Presses
- Plate Heating Systems



### COOLING DRUMS

- Cooling Cylinders
- Water Cooled Rolls
- Temperature Control
- Surface Cooling



### TIRE BUILDING MACHINES

- Bead Builders
- Carcass Builders
- Drum Systems
- Heating Systems



### INCREASED PRODUCTIVITY

Maximize output with  
reliable performance.



### MINIMIZED DOWNTIME

Reduce interruptions  
and increase uptime.



### LOWER TOTAL COST OF OWNERSHIP

Longer life, less maintenance  
and better efficiency.



### MAXIMUM SAFETY & RELIABILITY

Engineered for safe,  
continuous operation.



TRUSTED SOLUTIONS. STRONG PARTNERSHIP. SUPERIOR RESULTS.



[www.rototech.com.tr](http://www.rototech.com.tr)





# ROTOTECH SWIVEL JOINTS

— **E8-DD90** SERiSi —

SWIVEL JOINT TECHNOLOGY



**E8-DD90**  
SERiSi



SMOOTH ROTATION



RELIABLE CONNECTION



ENGINEERED PRECISION



LEAK-FREE PERFORMANCE

 [www.rototech.com.tr](http://www.rototech.com.tr)



Swivel Joint

# E8-ED90 Series

Media Type  
**Hydraulic Oil,  
Water + General Purpose**

Max. Speed  
**20 RPM**

Max. Pressure  
**350 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**BSP, BSPP, NPT, Metric**

Rotor Size  
**1/4" DN08 - 1 1/2" DN40**

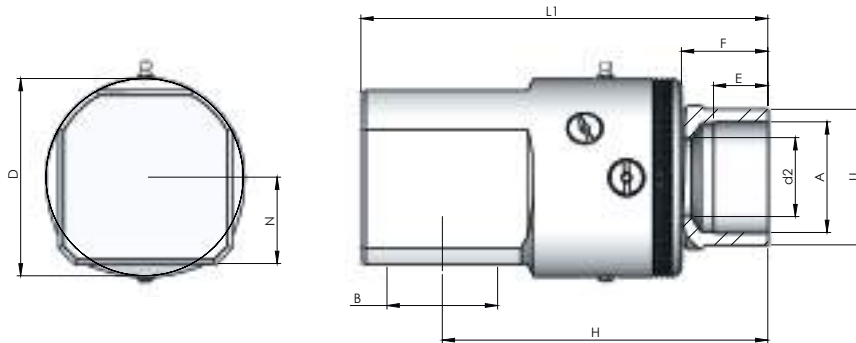


Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ Single flow design,
- ✓ Carbon steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ BSP, BSPP, NPT, UNF, Metric threads...

⚠ Do not operate without fluid.

## DIMENSIONS



| SIZE       | MODEL NO      | A          | DØ | L1  | E  | F  | d2Ø | H    | N  | U  | KG   |
|------------|---------------|------------|----|-----|----|----|-----|------|----|----|------|
| 1/4" BSP   | E8 - DD90-008 | 1/4" BSP   | 40 | 81  | 12 | 15 | 7   | 67,5 | 20 | 22 | 0,57 |
| 3/8" BSP   | E8 - DD90-010 | 3/8" BSP   | 40 | 81  | 12 | 15 | 9   | 62,5 | 20 | 22 | 0,54 |
| 1/2" BSP   | E8 - DD90-015 | 1/2" BSP   | 50 | 93  | 14 | 17 | 12  | 80   | 20 | 27 | 0,9  |
| 3/4" BSP   | E8 - DD90-020 | 3/4" BSP   | 60 | 110 | 16 | 21 | 14  | 91   | 24 | 32 | 1,56 |
| 1" BSP     | E8 - DD90-025 | 1" BSP     | 65 | 120 | 18 | 25 | 20  | 97   | 25 | 41 | 1,92 |
| 1 1/4" BSP | E8 - DD90-032 | 1 1/4" BSP | 75 | 158 | 20 | 30 | 25  | 129  | 31 | 50 | 3,55 |
| 1 1/2" BSP | E8 - DD90-040 | 1 1/2" BSP | 80 | 165 | 22 | 35 | 32  | 132  | 35 | 55 | 4    |



Swivel Joint

# E8-ED90 SS Series



Media Type

**Hydraulic Oil, Food,  
Water + General Purpose**



Max. Speed

**20 RPM**



Max. Pressure

**160 BAR**



Max. Temperature

**80 °C**



Connection Type

**BSP, BSPP, NPT, Metric**



Rotor Size

**1/4" DN08 - 1 1/2" DN40**



Swivel Joint for water, hydraulic oil, gress and chemical fluids



Single flow design,



Stainless steel material



Hardened inner sealing surface



Special design sealing components



Easy changable repair parts

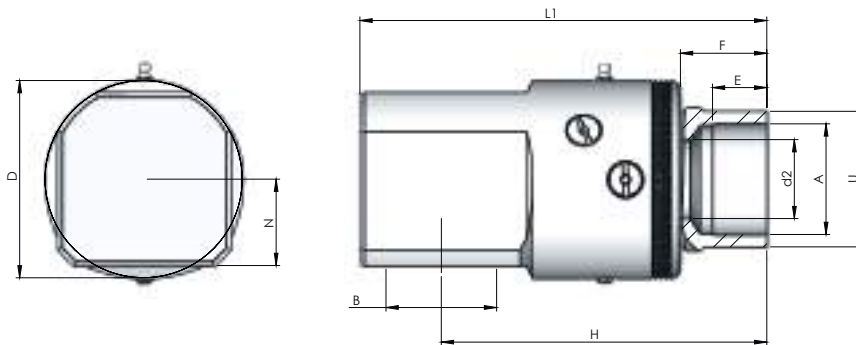


BSP, BSPP, NPT, UNF, Metric threads...



Do not operate without fluid.

## DIMENSIONS



| SIZE       | MODEL NO          | A          | DØ | L1  | E  | F  | d2Ø | H    | N  | U  | KG   |
|------------|-------------------|------------|----|-----|----|----|-----|------|----|----|------|
| 1/4" BSP   | E8 - DD90-008 -SS | 1/4" BSP   | 40 | 81  | 12 | 15 | 7   | 67,5 | 20 | 22 | 0,57 |
| 3/8" BSP   | E8 - DD90-010 -SS | 3/8" BSP   | 40 | 81  | 12 | 15 | 9   | 62,5 | 20 | 22 | 0,54 |
| 1/2" BSP   | E8 - DD90-015 -SS | 1/2" BSP   | 50 | 93  | 14 | 17 | 12  | 80   | 20 | 27 | 0,9  |
| 3/4" BSP   | E8 - DD90-020 -SS | 3/4" BSP   | 60 | 110 | 16 | 21 | 14  | 91   | 24 | 32 | 1,56 |
| 1" BSP     | E8 - DD90-025 -SS | 1" BSP     | 65 | 120 | 18 | 25 | 20  | 97   | 25 | 41 | 1,92 |
| 1 1/4" BSP | E8 - DD90-032 -SS | 1 1/4" BSP | 75 | 158 | 20 | 30 | 25  | 129  | 31 | 50 | 3,55 |
| 1 1/2" BSP | E8 - DD90-040 -SS | 1 1/2" BSP | 80 | 165 | 22 | 35 | 32  | 132  | 35 | 55 | 4    |

Multiports

# M1-A2



Media Type

**Hydraulic Oil, Air - Vacuum**



Max. Speed

**250 RPM**



Max. Pressure

**100 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**2 x 1/4" - 2 x 3/4"**

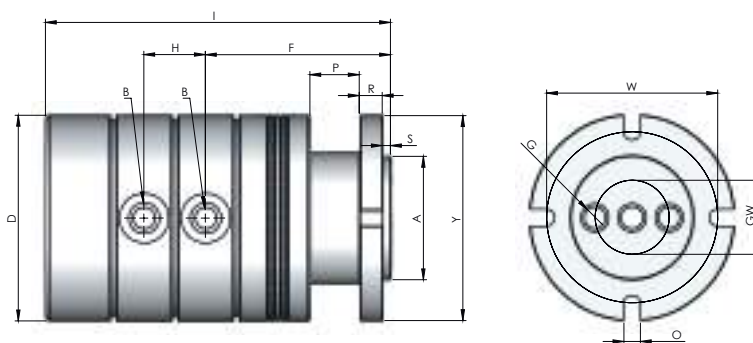
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available

Multi-pass rotary unions



Do not operate without fluid.

## DIMENSIONS



| SIZE (DN) | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O    | KG    |
|-----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|------|-------|
| 2 x 1/4"  | M1-32081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50 | 2,40  |
| 2 x 1/4"  | M1-32082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50 | 2,40  |
| 2 x 1/4"  | M1-32083-200 | 1/4" BSPP | 81  | 54  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50 | 2,40  |
| 2 X 3/8"  | M1-32101-200 | 3/8" NPT  | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 4,65  |
| 2 X 3/8"  | M1-32102-200 | 3/8" BSP  | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 4,65  |
| 2 X 3/8"  | M1-32103-200 | 3/8" BSPP | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 4,65  |
| 2 X 1/2"  | M1-32151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10   | 10,85 |
| 2 X 1/2"  | M1-32152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10   | 10,85 |
| 2 X 1/2"  | M1-32153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10   | 10,85 |
| 2 X 3/4"  | M1-32201-200 | 3/4" NPT  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11   | 12,25 |
| 2 X 3/4"  | M1-32202-200 | 3/4" BSP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11   | 12,25 |
| 2 X 3/4"  | M1-32203-200 | 3/4" BSPP | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11   | 12,25 |







# PRECISION IN MOTION. PERFORMANCE IN EVERY FLOW.

## Rotary Union Solutions for the Rubber Industry

Engineered for the demanding needs  
of **tire & rubber manufacturing**.  
Trusted performance in **extrusion**,  
**calendering**, **mixing**, **curing** and more.



- HIGH TEMPERATURE RESISTANCE
- HIGH PRESSURE CAPABILITY
- CORROSION & OXIDATION RESISTANCE
- EXCELLENT MECHANICAL STRENGTH
- CLEAN & LEAK-FREE OPERATION
- LONG SERVICE LIFE & LOW MAINTENANCE



## OUR ROTARY UNION SOLUTIONS



### HIGH PRESSURE ROTARY UNION

Designed for high-pressure  
extrusion applications.  
Excellent sealing and  
long service life.



### COMPACT & EFFICIENT FLOW SOLUTIONS

Space-saving design with  
optimized flow paths for  
consistent performance.



### MULTI PORT ROTARY UNION

Engineered for versatility with  
multiple port configurations  
for various media.

## ENGINEERED FOR RUBBER INDUSTRY APPLICATIONS



EXTRUSION LINES



CALENDERING LINES



MIXING SYSTEMS



CURING PRESSES



HYDRAULIC SYSTEMS



### RELIABLE

Consistent performance  
in the most demanding  
rubber manufacturing  
conditions.



### DURABLE

Built with premium  
materials for extended  
service life.



### EFFICIENT

Optimized flow control  
for higher productivity  
and lower downtime.



### CONTINUOUS

Designed for uninterrupted  
operation in rubber  
production lines.



LET'S BUILD  
THE FLOW OF  
**TOMORROW.**



+90 507 374 17 03



[sales@rototech.com.tr](mailto:sales@rototech.com.tr)



[alikaya@rototech.com.tr](mailto:alikaya@rototech.com.tr)



Istanbul, Türkiye



Istanbul, Türkiye





# ROTOTECH ROTARY JOINTS

— **M1 SERIES** —

MULTI-PASSAGE TECHNOLOGY



**M1**  
SERIES



Multiports

# M1-A3



Media Type

**Hydraulic Oil, Air - Vacuum**



Max. Speed

**250 RPM**



Max. Pressure

**100 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**3 x 1/4" - 3 x 3/4"**



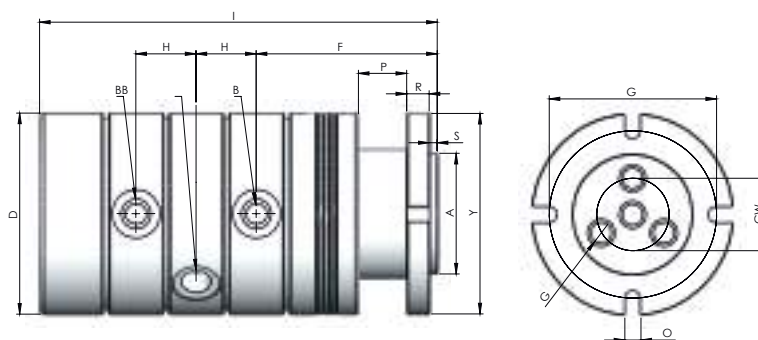
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available

Multi-pass rotary unions



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O    | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|------|-------|
| 3 X 1/4" | M1-33081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,5  | 2,80  |
| 3 X 1/4" | M1-33082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,5  | 2,80  |
| 3 X 1/4" | M1-33083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,5  | 2,80  |
| 3 x 3/8" | M1-33101-200 | 3/8" NPT  | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 3,10  |
| 3 x 3/8" | M1-33102-200 | 3/8" BSP  | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 3,10  |
| 3 x 3/8" | M1-33103-200 | 3/8" BSPP | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 3,10  |
| 3 X 1/2" | M1-33151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10   | 11,85 |
| 3 X 1/2" | M1-33152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10   | 11,85 |
| 3 X 1/2" | M1-33153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10   | 11,85 |
| 3 X 3/4" | M1-33201-200 | 3/4" NPT  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11   | 14,25 |
| 3 X 3/4" | M1-33202-200 | 3/4" BSP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11   | 14,25 |
| 3 X 3/4" | M1-33203-200 | 3/4" BSPP | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11   | 14,25 |

Multiports

# M1-A4



Media Type

**Hydraulic Oil, Air - Vacuum**



Max. Speed

**250 RPM**



Max. Pressure

**100 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**4x1/4" - 4 x 3/4"**



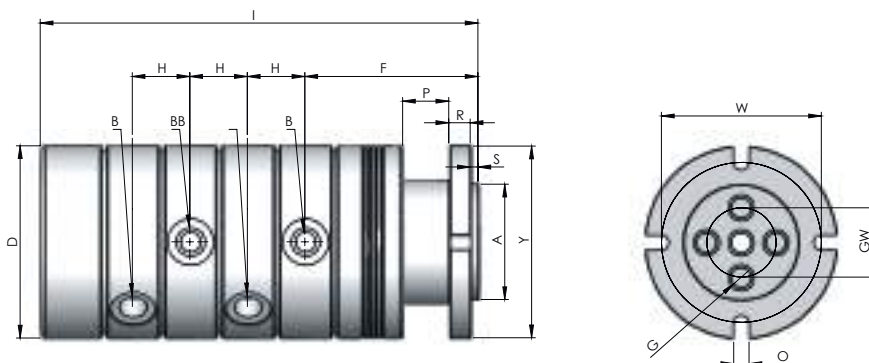
Multi-pass rotary unions

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O    | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|------|-------|
| 4 X 1/4" | M1-34081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 6,50 | 3,15  |
| 4 X 1/4" | M1-34082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 6,50 | 3,15  |
| 4 X 1/4" | M1-34083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 6,50 | 3,15  |
| 4 X 3/8" | M1-34101-200 | 3/8" NPT  | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50 | 6     |
| 4 X 3/8" | M1-34102-200 | 3/8" BSP  | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,20 | 5 | 20 | 12 | 76  | 24 | 8,50 | 6     |
| 4 X 3/8" | M1-34103-200 | 3/8" BSPP | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50 | 6     |
| 4 X 1/2" | M1-34151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10   | 13,40 |
| 4 X 1/2" | M1-34152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10   | 13,40 |
| 4 X 1/2" | M1-34153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10   | 13,40 |
| 4 X 3/4" | M1-34201-200 | 3/4" NPT  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11   | 16,10 |
| 4 X 3/4" | M1-34202-200 | 3/4" BSP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11   | 16,10 |
| 4 X 3/4" | M1-34203-200 | 3/4" BSPP | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11   | 16,10 |





Multiports

# M1-A5



Media Type

**Hydraulic Oil, Air - Vacuum**



Max. Speed

**250 RPM**



Max. Pressure

**100 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**5 x 1/4" - 5 x 3/4"**



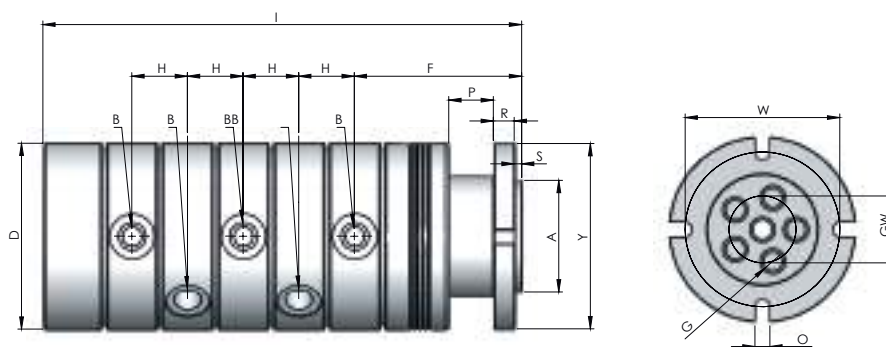
Multi-pass rotary unions

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S  | P  | R  | W   | GW | O   | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|----|----|----|-----|----|-----|-------|
| 5 X 1/4" | M1-35081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3  | 20 | 7  | 70  | 20 | 6,5 | 3,5   |
| 5 X 1/4" | M1-35082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | v3 | 20 | 7  | 70  | 20 | 6,5 | 3,5   |
| 5 X 1/4" | M1-35083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3  | 20 | 7  | 70  | 20 | 6,5 | 3,5   |
| 5 X 3/8" | M1-35101-200 | 3/8" NPT  | 108 | 65  | 10  | 108 | 89     | 30    | 253    | 3  | 20 | 10 | 90  | 28 | 9   | 8     |
| 5 X 3/8" | M1-35102-200 | 3/8" BSP  | 108 | 65  | 10  | 108 | 89     | 30    | 253    | 3  | 20 | 10 | 90  | 28 | 9   | 8     |
| 5 X 3/8" | M1-35103-200 | 3/8" BSPP | 108 | 65  | 10  | 180 | 89     | 30    | 253    | 3  | 20 | 10 | 90  | 28 | 9   | 8     |
| 5 X 1/2" | M1-35151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5  | 30 | 14 | 104 | 45 | 10  | 14,95 |
| 5 X 1/2" | M1-35152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5  | 30 | 14 | 104 | 45 | 10  | 14,95 |
| 5 X 1/2" | M1-35153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5  | 30 | 14 | 104 | 45 | 10  | 14,95 |
| 5 X 3/4" | M1-35201-200 | 3/4" NPT  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 373,70 | 5  | 45 | 13 | 139 | 60 | 11  | 29,50 |
| 5 X 3/4" | M1-35202-200 | 3/4" BSP  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 373,70 | 5  | 45 | 13 | 139 | 60 | 11  | 29,50 |
| 5 X 3/4" | M1-35203-200 | 3/4" BSPP | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 373,70 | 5  | 45 | 13 | 139 | 60 | 11  | 29,50 |



Multiports

# M1-A6



Media Type

Hydraulic Oil, Air - Vacuum



Max. Speed

250 RPM



Max. Pressure

100 BAR



Max. Temperature

80 °C



Connection Type

NPT, BSPP, BSPT



Rotor Size

6x 1/4" - 6 x 3/4"



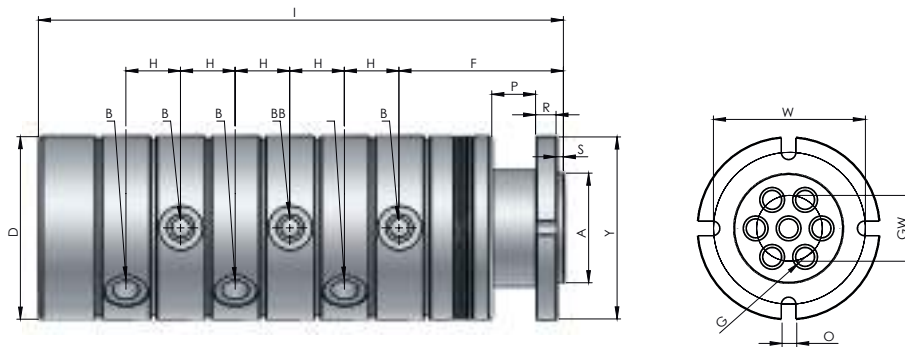
Multi-pass rotary unions

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O  | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|----|-------|
| 6 X 1/4" | M1-36081-200 | 1/4" NPT  | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9  | 9,30  |
| 6 X 1/4" | M1-36082-200 | 1/4" BSP  | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9  | 9,30  |
| 6 X 1/4" | M1-36083-200 | 1/4" BSPP | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9  | 9,30  |
| 6 X 3/8" | M1-36101-200 | 3/8" NPT  | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9  | 9,80  |
| 6 X 3/8" | M1-36102-200 | 3/8" BSP  | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9  | 9,80  |
| 6 X 3/8" | M1-36103-200 | 3/8" BSPP | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9  | 9,80  |
| 6 X 1/2" | M1-36151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10 | 16,40 |
| 6 X 1/2" | M1-36152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10 | 16,40 |
| 6 X 1/2" | M1-36153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10 | 16,40 |
| 6 X 3/4" | M1-36201-200 | 3/4" NPT  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,10 | 5 | 45 | 13 | 139 | 60 | 11 | 32,40 |
| 6 X 3/4" | M1-36202-200 | 3/4" BSP  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,10 | 5 | 45 | 13 | 139 | 60 | 11 | 32,40 |
| 6 X 3/4" | M1-36203-200 | 3/4" BSPP | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,10 | 5 | 45 | 13 | 139 | 60 | 11 | 32,40 |



Multiports

# M1-A8



Media Type

**Hydraulic Oil, Air - Vacuum**



Max. Speed

**250 RPM**



Max. Pressure

**100 BAR**



Max. Temperature

**80 °C**



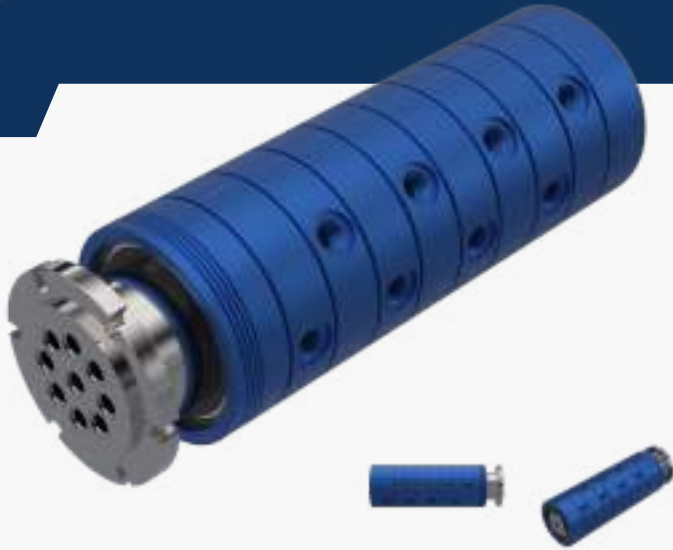
Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**8x1/4" - 8 x 3/4"**



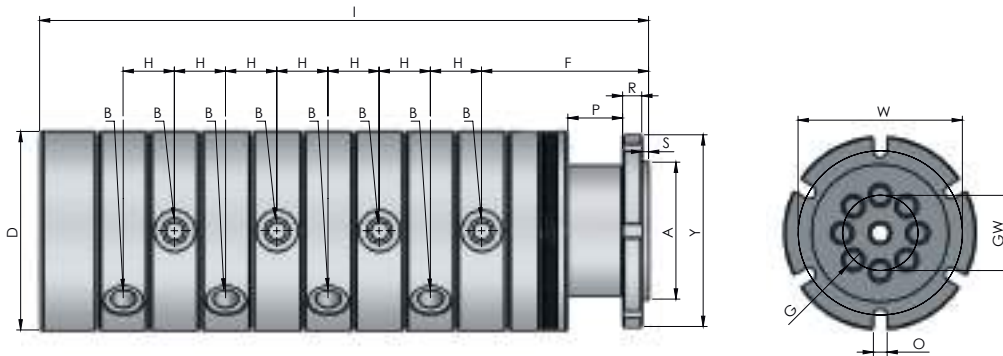
Multi-pass rotary unions

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F     | H     | I      | S | P  | R  | W   | GW | O  | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|-------|-------|--------|---|----|----|-----|----|----|-------|
| 8 X 1/4" | M1-38081-200 | 1/4" NPT  | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 10,85 |
| 8 X 1/4" | M1-38082-200 | 1/4" BSP  | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 10,85 |
| 8 X 1/4" | M1-38083-200 | 1/4" BSPP | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 10,85 |
| 8 X 3/8" | M1-38101-200 | 3/8" NPT  | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 16,05 |
| 8 X 3/8" | M1-38102-200 | 3/8" BSP  | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 16,05 |
| 8 X 3/8" | M1-38103-200 | 3/8" BSPP | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 16,05 |
| 8 X 1/2" | M1-38151-200 | 1/2" NPT  | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 27,40 |
| 8 X 1/2" | M1-38152-200 | 1/2" BSP  | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 27,40 |
| 8 X 1/2" | M1-38153-200 | 1/2" BSPP | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 27,40 |
| 8 X 3/4" | M1-38201-200 | 3/4" NPT  | 225 | 165 | 18  | 225 | 151   | 43,40 | 521    | 5 | 58 | 13 | 200 | 80 | 11 | 75,30 |
| 8 X 3/4" | M1-38202-200 | 3/4" BSP  | 225 | 165 | 18  | 225 | 151   | 43,40 | 521    | 5 | 58 | 13 | 200 | 80 | 11 | 75,30 |
| 8 X 3/4" | M1-38203-200 | 3/4" BSPP | 225 | 165 | 18  | 225 | 151   | 43,40 | 521    | 5 | 58 | 13 | 200 | 80 | 11 | 75,30 |



Multiports

# M1-A10



Multi-passage rotary unions



Media Type

Hydraulic Oil, Air - Vacuum



Max. Speed

150 RPM



Max. Pressure

60 BAR



Max. Temperature

80 °C



Connection Type

NPT, BSPP, BSPT



Rotor Size

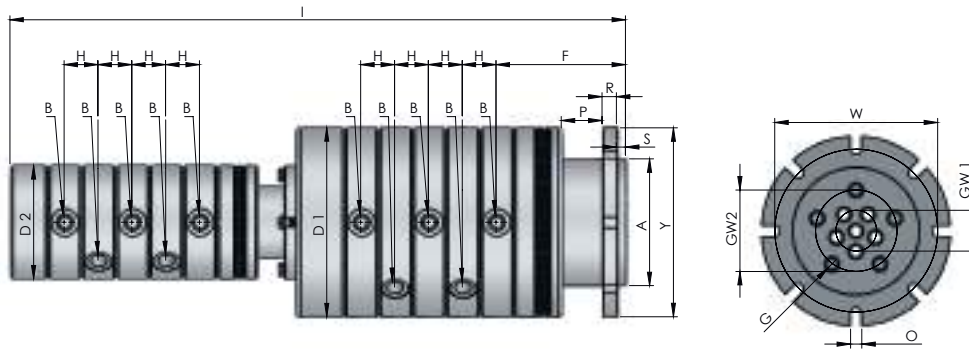
10x1/4" - 10 x 3/4"

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE      | MODEL NO      | B         | Y Ø | A Ø | G Ø | D Ø       | F      | H             | I      | S  | P  | R  | W   | GW       | O  | KG     |
|-----------|---------------|-----------|-----|-----|-----|-----------|--------|---------------|--------|----|----|----|-----|----------|----|--------|
| 10 X 1/4" | M1-310081-200 | 1/4" NPT  | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478    | 7  | 42 | 12 | 130 | 20 / 55  | 9  | 22     |
| 10 X 1/4" | M1-310082-200 | 1/4" BSP  | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478    | 7  | 42 | 12 | 130 | 20 / 56  | 9  | 22     |
| 10 X 1/4" | M1-310083-200 | 1/4" BSPP | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478    | 7  | 42 | 12 | 130 | 20 / 56  | 9  | 22     |
| 10 X 3/8" | M1-310101-200 | 3/8" NPT  | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558    | 10 | 40 | 15 | 165 | 28 / 70  | 11 | 38,50  |
| 10 X 3/8" | M1-310102-200 | 3/8" BSP  | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558    | 10 | 40 | 15 | 165 | 28 / 70  | 11 | 38,50  |
| 10 X 3/8" | M1-310103-200 | 3/8" BSPP | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558    | 10 | 40 | 15 | 165 | 28 / 70  | 11 | 38,50  |
| 10 X 1/2" | M1-310151-200 | 1/2" NPT  | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 65,60  |
| 10 X 1/2" | M1-310152-200 | 1/2" BSP  | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 65,60  |
| 10 X 1/2" | M1-310153-200 | 1/2" BSPP | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 65,60  |
| 10 X 3/4" | M1-310201-200 | 3/4" NPT  | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40         | 795,75 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 118,60 |
| 10 X 3/4" | M1-310202-200 | 3/4" BSP  | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40         | 795,75 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 118,60 |
| 10 X 3/4" | M1-310203-200 | 3/4" BSPP | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40         | 795,75 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 118,60 |



Multiports

# M1-A12



Media Type

Hydraulic Oil, Air - Vacuum



Max. Speed

250 RPM



Max. Pressure

60 BAR



Max. Temperature

80 °C



Connection Type

NPT, BSPP, BSPT



Rotor Size

12 x 1/4" - 12 x 3/4"



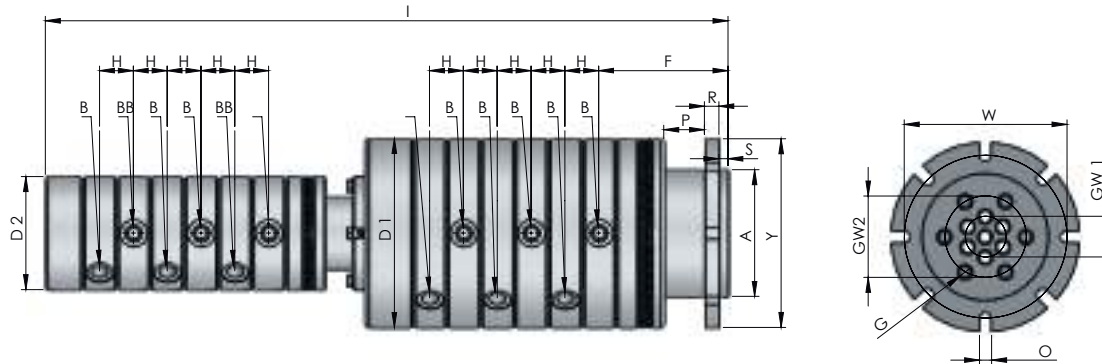
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available

Multi-pass rotary unions



Do not operate without fluid.

## DIMENSIONS



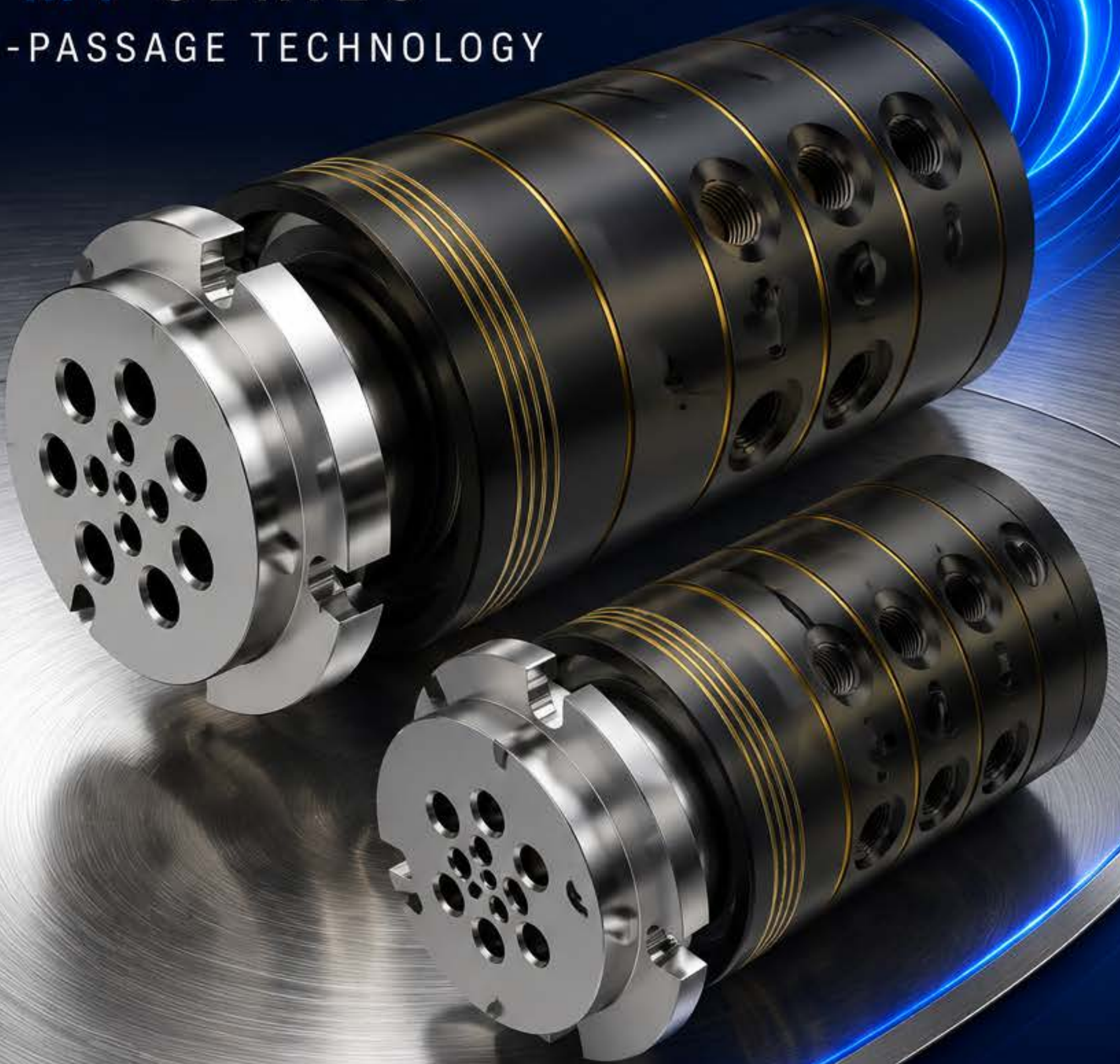
| SIZE      | MODEL NO      | B         | Y Ø | A Ø | G Ø | D Ø       | F      | H     | I      | S  | P  | R  | W   | GW       | O  | KG     |
|-----------|---------------|-----------|-----|-----|-----|-----------|--------|-------|--------|----|----|----|-----|----------|----|--------|
| 12 X 1/4" | M1-312081-200 | 1/4" NPT  | 180 | 120 | 7   | 180 / 108 | 121,50 | 25,40 | 577    | 7  | 42 | 12 | 160 | 38 / 70  | 9  | 42,60  |
| 12 X 1/4" | M1-312082-200 | 1/4" BSP  | 180 | 120 | 7   | 180 / 108 | 121,50 | 25,40 | 577    | 7  | 42 | 12 | 160 | 38 / 70  | 9  | 42,60  |
| 12 X 1/4" | M1-312083-200 | 1/4" BSPP | 180 | 120 | 7   | 180 / 108 | 121,50 | 25,40 | 577    | 7  | 42 | 12 | 160 | 38 / 70  | 9  | 42,60  |
| 12 X 3/8" | M1-312101-200 | 3/8" NPT  | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622    | 10 | 40 | 15 | 165 | 36 / 70  | 11 | 42,60  |
| 12 X 3/8" | M1-312102-200 | 3/8" BSP  | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622    | 10 | 40 | 15 | 165 | 36 / 70  | 11 | 42,60  |
| 12 X 3/8" | M1-312103-200 | 3/8" BSPP | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622    | 10 | 40 | 15 | 165 | 36 / 70  | 11 | 42,60  |
| 12 X 1/2" | M1-312151-200 | 1/2" NPT  | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 70,70  |
| 12 X 1/2" | M1-312152-200 | 1/2" BSP  | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 71,70  |
| 12 X 1/2" | M1-312153-200 | 1/2" BSPP | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 71,70  |
| 12 X 3/4" | M1-312201-200 | 3/4" NPT  | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40 | 882,55 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 128,85 |
| 12 X 3/4" | M1-312202-200 | 3/4" BSP  | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40 | 882,55 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 128,85 |
| 12 X 3/4" | M1-312203-200 | 3/4" BSPP | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40 | 882,55 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 128,85 |





# ROTOTECH ROTARY JOINTS

— **M1 SERIES** —  
MULTI-PASSAGE TECHNOLOGY



**M1**  
SERIES



Multiports

# M1-C2



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum, Coolant**



Max. Speed

**500 RPM**



Max. Pressure

**490 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSP**



Rotor Size

**2 x 1/4" - 2 x 1 1/2"**



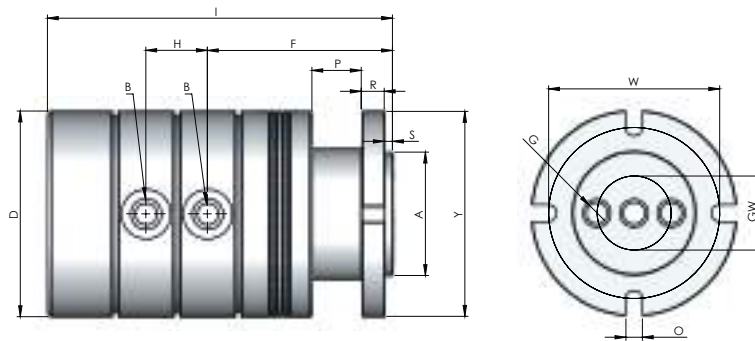
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available

Multi-pass rotary unions



Do not operate without fluid.

## DIMENSIONS



| SIZE (DN) | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O    | KG    |
|-----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|------|-------|
| 2 x 1/4"  | M1-12081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50 | 3,80  |
| 2 x 1/4"  | M1-12082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50 | 3,80  |
| 2 x 1/4"  | M1-12083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50 | 3,80  |
| 2 X 3/8"  | M1-12101-200 | 3/8"NPT   | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 4,40  |
| 2 X 3/8"  | M1-12102-200 | 3/8"BSP   | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 4,40  |
| 2 X 3/8"  | M1-12103-200 | 3/8"BSPP  | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 4,40  |
| 2 X 1/2"  | M1-12151-200 | 1/2"NPT   | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10   | 14,70 |
| 2 X 1/2"  | M1-12152-200 | 1/2"BSP   | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10   | 14,70 |
| 2 X 1/2"  | M1-12153-200 | 1/2"BSPP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10   | 14,70 |
| 2 X 3/4"  | M1-12201-200 | 3/4"NPT   | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11   | 18,10 |
| 2 X 3/4"  | M1-12202-200 | 3/4"BSP   | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11   | 18,10 |
| 2 X 3/4"  | M1-12203-200 | 3/4"BSPP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11   | 18,10 |

|            |              |            |     |     |    |     |        |       |        |    |    |    |     |     |       |        |
|------------|--------------|------------|-----|-----|----|-----|--------|-------|--------|----|----|----|-----|-----|-------|--------|
| 2 X 1"     | M1-12251-200 | 1"NPT      | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 275,50 | 7  | 55 | 16 | 138 | 55  | 13,50 | 33     |
| 2 X 1"     | M1-12252-200 | 1"BSP      | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 275,50 | 7  | 55 | 16 | 138 | 55  | 13,50 | 33     |
| 2 X 1"     | M1-12253-200 | 1"BSPP     | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 275,50 | 7  | 55 | 16 | 138 | 55  | 13,50 | 33     |
| 2 X 1 1/4" | M1-12321-200 | 1 1/4"NPT  | 230 | 150 | 28 | 230 | 167,10 | 65    | 317    | 7  | 55 | 20 | 180 | 85  | 13,50 | 78     |
| 2 X 1 1/4" | M1-12322-200 | 1 1/4"BSP  | 230 | 150 | 28 | 230 | 167,10 | 65    | 317    | 7  | 55 | 20 | 180 | 85  | 13,50 | 78     |
| 2 X 1 1/4" | M1-12323-200 | 1 1/4"BSPP | 230 | 150 | 28 | 230 | 167,10 | 65    | 317    | 7  | 55 | 20 | 180 | 85  | 13,50 | 78     |
| 2 X 1 1/2" | M1-12401-200 | 1 1/2"NPT  | 258 | 190 | 38 | 80  | 198,40 | 78,40 | 390    | 10 | 55 | 20 | 220 | 105 | 15,50 | 123,25 |
| 2 X 1 1/2" | M1-12402-200 | 1 1/2"BSP  | 258 | 190 | 38 | 80  | 198,40 | 78,40 | 390    | 10 | 55 | 20 | 220 | 105 | 15,50 | 123,25 |
| 2 X 1 1/2" | M1-12403-200 | 1 1/2"BSPP | 258 | 190 | 38 | 80  | 198,40 | 78,40 | 390    | 10 | 55 | 20 | 220 | 105 | 15,50 | 123,25 |



Multiports

# M1-C3



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum, Coolant**



Max. Speed

**500 RPM**



Max. Pressure

**490 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSP**



Rotor Size

**3 x 1/4" - 3 x 1 1/2"**



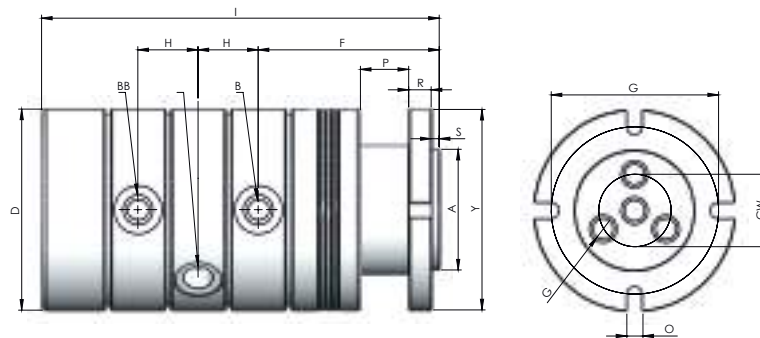
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available

Multi-pass rotary unions



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O     | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|-------|-------|
| 3 X 1/4" | M1-13081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,50  | 4,65  |
| 3 X 1/4" | M1-13082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,50  | 4,65  |
| 3 X 1/4" | M1-13083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,50  | 4,65  |
| 3 x 3/8" | M1-13101-200 | 3/8" NPT  | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50  | 5,30  |
| 3 x 3/8" | M1-13102-200 | 3/8" BSP  | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50  | 5,30  |
| 3 x 3/8" | M1-13103-200 | 3/8" BSPP | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50  | 5,30  |
| 3 X 1/2" | M1-13151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10    | 17,60 |
| 3 X 1/2" | M1-13152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10    | 17,60 |
| 3 X 1/2" | M1-13152-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10    | 17,60 |
| 3 X 3/4" | M1-13201-200 | 3/4" NPT  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11    | 21,85 |
| 3 X 3/4" | M1-13202-200 | 3/4" BSP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11    | 21,85 |
| 3 X 3/4" | M1-13203-200 | 3/4" BSPP | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11    | 21,85 |
| 3 X 1"   | M1-13251-200 | 1" NPT    | 164 | 100 | 22  | 164 | 152,50 | 50,40 | 326    | 7 | 55 | 16 | 138 | 55 | 13,50 | 39    |

|            |              |             |     |     |    |     |        |       |        |    |    |    |     |     |       |       |
|------------|--------------|-------------|-----|-----|----|-----|--------|-------|--------|----|----|----|-----|-----|-------|-------|
| 3 X 1"     | M1-13252-200 | 1" BSP      | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 326    | 7  | 55 | 16 | 138 | 55  | 13,50 | 39    |
| 3 X 1"     | M1-13250-200 | 1" BSPP     | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 326    | 7  | 55 | 16 | 138 | 55  | 13,50 | 39    |
| 3 X 1 1/4" | M1-13321-200 | 1 1/2" NPT  | 230 | 150 | 28 | 230 | 167,10 | 65    | 382,40 | 7  | 55 | 20 | 180 | 85  | 13,50 | 94,50 |
| 3 X 1 1/4" | M1-13322-200 | 1 1/4" BSP  | 230 | 150 | 28 | 230 | 167,10 | 65    | 382,40 | 7  | 55 | 20 | 180 | 85  | 13,50 | 94,50 |
| 3 X 1 1/4" | M1-13323-200 | 1 1/4" BSPP | 230 | 150 | 28 | 230 | 167,10 | 65    | 382,40 | 7  | 55 | 20 | 180 | 85  | 13,50 | 94,50 |
| 3 X 1 1/2" | M1-13401-200 | 1 1/2" NPT  | 258 | 190 | 38 | 258 | 198,40 | 78,40 | 468,60 | 10 | 55 | 20 | 220 | 105 | 15,50 | 147   |
| 3 X 1 1/2" | M1-13402-200 | 1 1/2" BSP  | 258 | 190 | 28 | 258 | 198,40 | 78,40 | 468,60 | 10 | 55 | 20 | 220 | 105 | 15,50 | 147   |
| 3 X 1 1/2" | M1-13403-200 | 1 1/2" BSPP | 258 | 190 | 28 | 258 | 198,40 | 78,40 | 468,60 | 10 | 55 | 20 | 220 | 105 | 15,50 | 147   |



Multiports

# M1-C4



Multi-pass rotary unions



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum, Coolant**



Max. Speed

**500 RPM**



Max. Pressure

**490 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSP**



Rotor Size

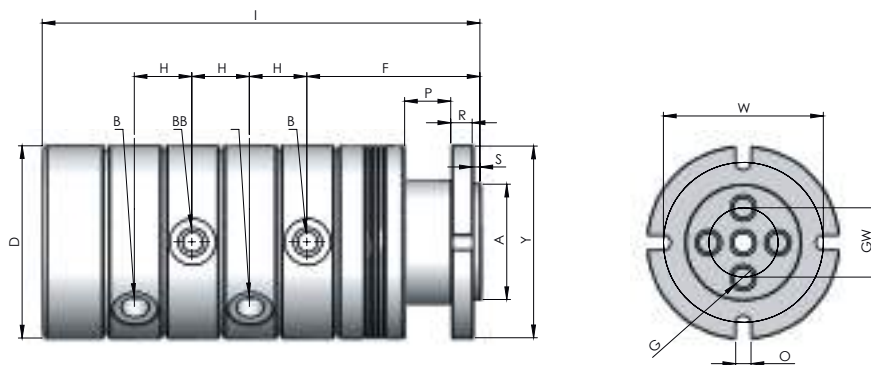
**4 x 1/4" - 4 x 1 1/2"**

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O    | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|------|-------|
| 4 X 1/4" | M1-14081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 5,40 | 6,40  |
| 4 X 1/4" | M1-14082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 5,40 | 6,40  |
| 4 X 1/4" | M1-14083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 5,40 | 6,40  |
| 4 X 3/8" | M1-14101-200 | 3/8" NPT  | 98  | 50  | 10  | 98  | 81,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50 | 10,00 |
| 4 X 3/8" | M1-14102-200 | 3/8" BSP  | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50 | 10,00 |
| 4 X 3/8" | M1-14103-200 | 3/8" BSPP | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50 | 10,00 |
| 4 X 1/2" | M1-14151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10   | 20,40 |
| 4 X 1/2" | M1-14152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10   | 20,40 |
| 4 X 1/2" | M1-14153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10   | 20,40 |
| 4 X 3/4" | M1-14201-200 | 3/4" NPT  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11   | 25,50 |
| 4 X 3/4" | M1-14202-200 | 3/4" BSP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11   | 25,50 |
| 4 X 3/4" | M1-14203-200 | 3/4" BSPP | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11   | 25,50 |

|            |              |             |     |     |    |     |        |       |        |    |    |    |     |     |       |        |
|------------|--------------|-------------|-----|-----|----|-----|--------|-------|--------|----|----|----|-----|-----|-------|--------|
| 4 X 1"     | M1-14251-200 | 1" NPT      | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 376,00 | 7  | 55 | 16 | 138 | 55  | 13,50 | 45,30  |
| 4 X 1"     | M1-14252-200 | 1" BSP      | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 376,00 | 7  | 55 | 16 | 138 | 55  | 13,50 | 45,30  |
| 4 X 1"     | M1-14253-200 | 1" BSPP     | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 376,00 | 7  | 55 | 16 | 138 | 55  | 13,50 | 45,30  |
| 4 X 1 1/4" | M1-14321-200 | 1 1/4" NPT  | 230 | 150 | 28 | 230 | 167,10 | 65    | 447,50 | 7  | 55 | 20 | 180 | 85  | 13,50 | 110,50 |
| 4 X 1 1/4" | M1-14322-200 | 1 1/4" BSP  | 230 | 150 | 28 | 230 | 167,10 | 65    | 447,50 | 7  | 55 | 20 | 180 | 85  | 13,50 | 110,50 |
| 4 X 1 1/4" | M1-14323-200 | 1 1/4" BSPP | 230 | 150 | 28 | 230 | 167,10 | 65    | 447,50 | 7  | 55 | 20 | 180 | 85  | 13,50 | 110,50 |
| 4 X 1 1/2" | M1-14401-200 | 1 1/2" NPT  | 258 | 190 | 38 | 258 | 198,40 | 78,40 | 547,00 | 10 | 55 | 20 | 220 | 105 | 15,50 | 170,00 |
| 4 X 1 1/2" | M1-14402-200 | 1 1/2" BSP  | 258 | 190 | 38 | 258 | 198,40 | 78,40 | 547,00 | 10 | 55 | 20 | 220 | 105 | 15,50 | 170,00 |
| 4 X 1 1/2" | M1-14403-200 | 1 1/2" BSPP | 258 | 190 | 38 | 258 | 198,40 | 78,40 | 547,00 | 10 | 55 | 20 | 220 | 105 | 15,50 | 170,00 |



Multiports

# M1-C5



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum, Coolant**



Max. Speed

**500 RPM**



Max. Pressure

**490 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**5 x 1/4" - 5 x 3/4"**



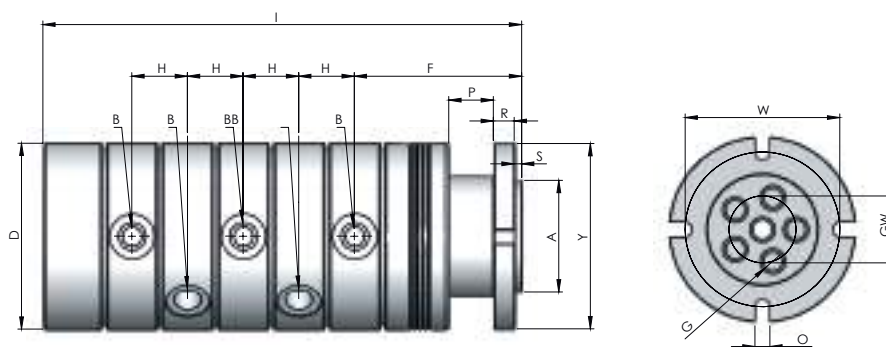
Multi-pass rotary unions

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O    | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|------|-------|
| 5 X 1/4" | M1-15081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3 | 20 | 7  | 70  | 20 | 6,50 | 6,15  |
| 5 X 1/4" | M1-15082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3 | 20 | 7  | 70  | 20 | 6,50 | 6,15  |
| 5 X 1/4" | M1-15083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3 | 20 | 7  | 70  | 20 | 6,50 | 6,15  |
| 5 X 3/8" | M1-15101-200 | 3/8" NPT  | 108 | 65  | 10  | 108 | 89     | 30    | 253    | 3 | 20 | 10 | 90  | 28 | 9    | 14,50 |
| 5 X 3/8" | M1-15102-200 | 3/8" BSP  | 108 | 65  | 10  | 108 | 89     | 30    | 253    | 3 | 20 | 10 | 90  | 28 | 9    | 14,50 |
| 5 X 3/8" | M1-15103-200 | 3/8" BSPP | 108 | 65  | 10  | 108 | 89     | 30    | 253    | 3 | 20 | 10 | 90  | 28 | 9    | 14,50 |
| 5 X 1/2" | M1-15151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5 | 30 | 14 | 104 | 45 | 10   | 23,25 |
| 5 X 1/2" | M1-15152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5 | 30 | 14 | 104 | 45 | 10   | 23,25 |
| 5 X 1/2" | M1-15153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5 | 30 | 14 | 104 | 45 | 10   | 23,25 |
| 5 X 3/4" | M1-15201-200 | 3/4" NPT  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 373,70 | 5 | 45 | 13 | 139 | 60 | 11   | 46,85 |
| 5 X 3/4" | M1-15202-200 | 3/4" BSP  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 373,70 | 5 | 45 | 13 | 139 | 60 | 11   | 46,85 |
| 5 X 3/4" | M1-15203-200 | 3/4" BSPP | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 373,70 | 5 | 45 | 13 | 139 | 60 | 11   | 46,85 |

|            |              |             |     |     |    |     |        |       |        |    |    |    |     |     |       |        |
|------------|--------------|-------------|-----|-----|----|-----|--------|-------|--------|----|----|----|-----|-----|-------|--------|
| 5 X 1"     | M1-15251-200 | 1" NPT      | 190 | 110 | 22 | 190 | 143,40 | 50,40 | 411,30 | 7  | 55 | 16 | 165 | 60  | 13,50 | 67,60  |
| 5 X 1"     | M1-15252-200 | 1" BSP      | 190 | 110 | 22 | 190 | 143,40 | 50,40 | 411,30 | 7  | 55 | 16 | 165 | 60  | 13,50 | 67,60  |
| 5 X 1"     | M1-15253-200 | 1" BSPP     | 190 | 110 | 22 | 190 | 143,40 | 50,40 | 411,30 | 7  | 55 | 16 | 165 | 60  | 13,50 | 67,60  |
| 5 X 1 1/4" | M1-15321-200 | 1 1/4" NPT  | 230 | 150 | 28 | 230 | 167,10 | 65    | 512,60 | 7  | 55 | 20 | 180 | 85  | 13,50 | 126,25 |
| 5 X 1 1/4" | M1-15322-200 | 1 1/4" BSP  | 230 | 150 | 28 | 230 | 167,10 | 65    | 512,60 | 7  | 55 | 20 | 180 | 85  | 13,50 | 126,25 |
| 5 X 1 1/4" | M1-15323-200 | 1 1/4" BSPP | 230 | 150 | 28 | 230 | 167,10 | 65    | 512,60 | 7  | 55 | 20 | 180 | 85  | 13,50 | 126,25 |
| 5 X 1 1/2" | M1-15401-200 | 1 1/2" NPT  | 258 | 190 | 38 | 80  | 198,40 | 78,40 | 625,40 | 10 | 55 | 20 | 220 | 105 | 15,50 | 192,70 |
| 5 X 1 1/2" | M1-15402-200 | 1 1/2" BSP  | 258 | 190 | 38 | 80  | 198,40 | 78,40 | 625,40 | 10 | 55 | 20 | 220 | 105 | 15,50 | 192,70 |
| 5 X 1 1/2" | M1-15403-200 | 1 1/2" BSPP | 258 | 190 | 38 | 80  | 198,40 | 78,40 | 625,40 | 10 | 55 | 20 | 220 | 105 | 15,50 | 192,70 |



Multiports

# M1-C6



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum, Coolant**



Max. Speed

**500 RPM**



Max. Pressure

**490 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**6 x 1/4" - 6 x 1 1/2"**



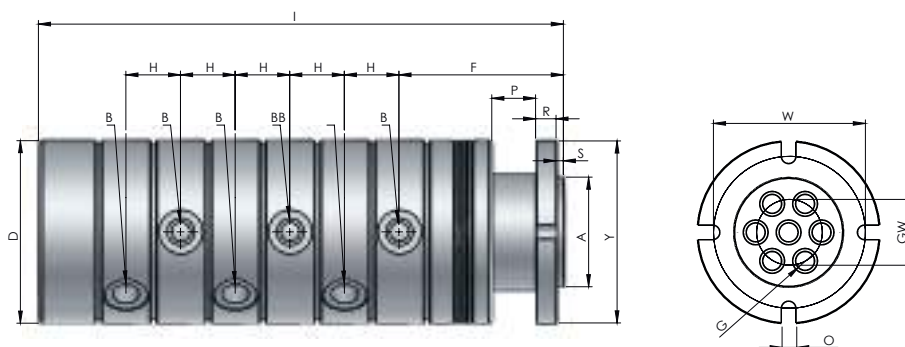
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available

Multi-pass rotary unions



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O  | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|----|-------|
| 6 X 1/4" | M1-16081-200 | 1/4" NPT  | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9  | 14,70 |
| 6 X 1/4" | M1-16082-200 | 1/4" BSP  | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9  | 14,70 |
| 6 X 1/4" | M1-16083-200 | 1/4" BSPP | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9  | 14,70 |
| 6 X 3/8" | M1-16101-200 | 3/8" NPT  | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9  | 16,30 |
| 6 X 3/8" | M1-16102-200 | 3/8" BSP  | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9  | 16,30 |
| 6 X 3/8" | M1-16103-200 | 3/8" BSPP | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9  | 16,30 |
| 6 X 1/2" | M1-16151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10 | 26    |
| 6 X 1/2" | M1-16152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10 | 26    |
| 6 X 1/2" | M1-16153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10 | 26    |
| 6 X 3/4" | M1-16201-200 | 3/4" NPT  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,40 | 5 | 45 | 13 | 139 | 60 | 11 | 52,45 |
| 6 X 3/4" | M1-16202-200 | 3/4" BSP  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,40 | 5 | 45 | 13 | 139 | 60 | 11 | 52,45 |
| 6 X 3/4" | M1-16203-200 | 3/4" BSPP | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,40 | 5 | 45 | 13 | 139 | 60 | 11 | 52,45 |

|            |              |              |     |     |    |     |        |       |        |    |    |    |     |     |       |        |
|------------|--------------|--------------|-----|-----|----|-----|--------|-------|--------|----|----|----|-----|-----|-------|--------|
| 6 X 1"     | M1-16251-200 | 1" NPT       | 190 | 110 | 22 | 190 | 143,40 | 50,40 | 462    | 7  | 55 | 16 | 165 | 60  | 13,50 | 76     |
| 6 X 1"     | M1-16252-200 | 1" BSP       | 190 | 110 | 22 | 190 | 143,40 | 50,40 | 462    | 7  | 55 | 16 | 165 | 60  | 13,50 | 76     |
| 6 X 1"     | M1-16253-200 | 1" BSPP      | 190 | 110 | 22 | 190 | 143,40 | 50,40 | 462    | 7  | 55 | 16 | 165 | 60  | 13,50 | 76     |
| 6 X 1 1/4" | M1-16321-200 | 1 1/4" NPT   | 230 | 150 | 28 | 230 | 167,10 | 65    | 577,70 | 7  | 55 | 20 | 180 | 85  | 13,50 | 141,75 |
| 6 X 1 1/4" | M1-16322-200 | 1 1/4" BSP   | 230 | 150 | 28 | 230 | 167,10 | 65    | 577,70 | 7  | 55 | 20 | 180 | 85  | 13,50 | 141,75 |
| 6 X 1 1/4" | M1-16323-200 | 1 1/4" B SPP | 230 | 150 | 28 | 230 | 167,10 | 65    | 577,70 | 7  | 55 | 20 | 180 | 85  | 13,50 | 141,75 |
| 6 x 1 1/2" | M1-16401-200 | 1 1/2" NPT   | 280 | 220 | 38 | 280 | 212,60 | 82,60 | 753,20 | 10 | 55 | 20 | 250 | 120 | 17,50 | 280    |
| 6 x 1 1/2" | M1-16402-200 | 1 1/2" BSP   | 280 | 220 | 38 | 280 | 212,60 | 82,60 | 753,20 | 10 | 55 | 20 | 250 | 120 | 17,50 | 280    |
| 6 x 1 1/2" | M1-16403-200 | 1 1/2" BSPP  | 280 | 220 | 38 | 280 | 212,60 | 82,60 | 753,20 | 10 | 55 | 20 | 250 | 120 | 17,50 | 280    |



Multiports

# M1-C8



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum, Coolant**



Max. Speed

**500 RPM**



Max. Pressure

**490 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**8 x 1/4" - 8x 1 1/4"**



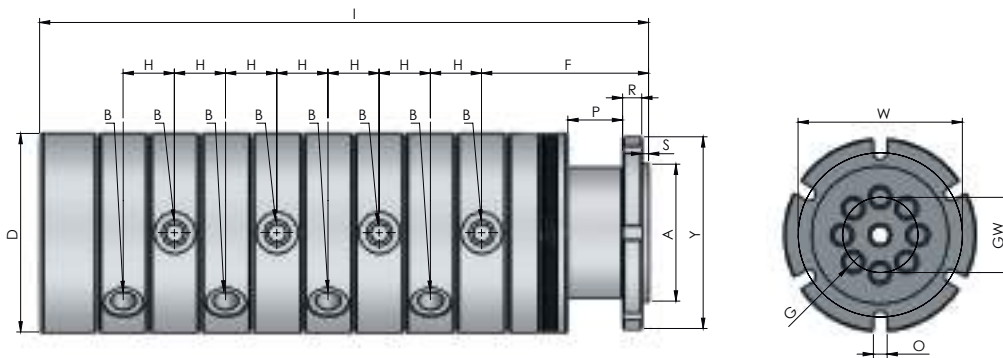
Multi-pass rotary unions

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F     | H     | I      | S | P  | R  | W   | GW | O  | KG     |
|----------|--------------|-----------|-----|-----|-----|-----|-------|-------|--------|---|----|----|-----|----|----|--------|
| 8 X 1/4" | M1-18081-200 | 1/4" NPT  | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 17,60  |
| 8 X 1/4" | M1-18082-200 | 1/4" BSP  | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 17,60  |
| 8 X 1/4" | M1-18083-200 | 1/4" BSPP | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 17,60  |
| 8 X 3/8" | M1-18101-200 | 3/8" NPT  | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 27,10  |
| 8 X 3/8" | M1-18102-200 | 3/8" BSP  | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 27,10  |
| 8 X 3/8" | M1-18103-200 | 3/8" BSPP | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 27,10  |
| 8 X 1/2" | M1-18151-200 | 1/2" NPT  | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 44,35  |
| 8 X 1/2" | M1-18152-200 | 1/2" BSP  | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 44,35  |
| 8 X 1/2" | M1-18153-200 | 1/2" BSPP | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 44,35  |
| 8 X 3/4" | M1-18201-200 | 3/4" NPT  | 225 | 165 | 18  | 225 | 151   | 43,40 | 521    | 5 | 58 | 13 | 200 | 80 | 11 | 125,20 |
| 8 X 3/4" | M1-18202-200 | 3/4" BSP  | 225 | 165 | 18  | 225 | 151   | 43,40 | 521    | 5 | 58 | 13 | 200 | 80 | 11 | 125,20 |
| 8 X 3/4" | M1-18203-200 | 3/4" BSPP | 225 | 165 | 18  | 225 | 151   | 43,40 | 521    | 5 | 58 | 13 | 200 | 80 | 11 | 125,20 |

|            |              |             |     |     |    |     |        |       |        |    |    |    |     |     |       |        |
|------------|--------------|-------------|-----|-----|----|-----|--------|-------|--------|----|----|----|-----|-----|-------|--------|
| 8 X 1"     | M1-18251-200 | 1" NPT      | 229 | 140 | 22 | 229 | 153,40 | 50,40 | 575,50 | 10 | 55 | 20 | 200 | 90  | 13,50 | 142,35 |
| 8 X 1"     | M1-18252-200 | 1" BSP      | 229 | 140 | 22 | 229 | 153,40 | 50,40 | 575,50 | 10 | 55 | 20 | 200 | 90  | 13,50 | 142,35 |
| 8 X 1"     | M1-18253-200 | 1" BSPP     | 229 | 140 | 22 | 229 | 153,40 | 50,40 | 575,50 | 10 | 55 | 20 | 200 | 90  | 13,50 | 142,35 |
| 8 X 1 1/4" | M1-18321-200 | 1 1/4" NPT  | 310 | 230 | 28 | 310 | 175    | 65    | 721    | 10 | 55 | 20 | 273 | 130 | 17,50 | 342,80 |
| 8 X 1 1/4" | M1-18322-200 | 1 1/4" BSP  | 310 | 230 | 28 | 310 | 175    | 65    | 721    | 10 | 55 | 20 | 273 | 130 | 17,50 | 342,80 |
| 8 X 1 1/4" | M1-18323-200 | 1 1/4" BSPP | 310 | 230 | 28 | 310 | 175    | 65    | 721    | 10 | 55 | 20 | 273 | 130 | 17,50 | 342,80 |





Multiports

# M1-C10



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum, Coolant**



Max. Speed

**250 RPM**



Max. Pressure

**350 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**10 x 1/4" - 10 x 3/4"**



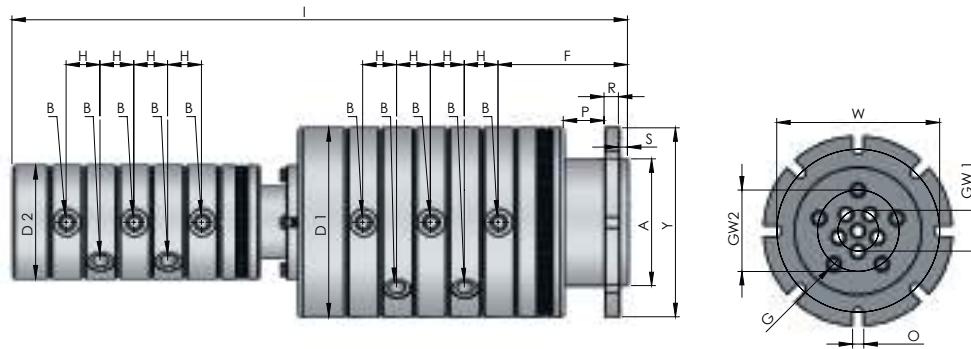
Multi-passage rotary unions

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE      | MODEL NO      | B         | Y Ø | A Ø | G Ø | D Ø       | F      | H             | I      | S  | P  | R  | W   | GW       | O  | KG     |
|-----------|---------------|-----------|-----|-----|-----|-----------|--------|---------------|--------|----|----|----|-----|----------|----|--------|
| 10 X 1/4" | M1-110081-200 | 1/4" NPT  | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478    | 7  | 42 | 12 | 130 | 20 / 55  | 9  | 33,85  |
| 10 X 1/4" | M1-110082-200 | 1/4" BSP  | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478    | 7  | 42 | 12 | 130 | 20 / 56  | 9  | 33,85  |
| 10 X 1/4" | M1-110083-200 | 1/4" BSPP | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478    | 7  | 42 | 12 | 130 | 20 / 56  | 9  | 33,85  |
| 10 X 3/8" | M1-110101-200 | 3/8" NPT  | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558    | 10 | 40 | 15 | 165 | 28 / 70  | 11 | 60     |
| 10 X 3/8" | M1-110102-200 | 3/8" BSP  | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558    | 10 | 40 | 15 | 165 | 28 / 70  | 11 | 60     |
| 10 X 3/8" | M1-110103-200 | 3/8" BSPP | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558    | 10 | 40 | 15 | 165 | 28 / 70  | 11 | 60     |
| 10 X 1/2" | M1-110151-200 | 1/2" NPT  | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 97,60  |
| 10 X 1/2" | M1-110152-200 | 1/2" BSP  | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 97,60  |
| 10 X 1/2" | M1-110153-200 | 1/2" BSPP | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 97,60  |
| 10 X 3/4" | M1-110201-200 | 3/4" NPT  | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40         | 795,75 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 169,55 |
| 10 X 3/4" | M1-110202-200 | 3/4" BSP  | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40         | 795,75 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 169,55 |
| 10 X 3/4" | M1-110203-200 | 3/4" BSPP | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40         | 795,75 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 169,55 |



Multiports

# M1-C12



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum, Coolant**



Max. Speed

**250 RPM**



Max. Pressure

**350 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**12 x 1/4" - 12 x 3/4"**

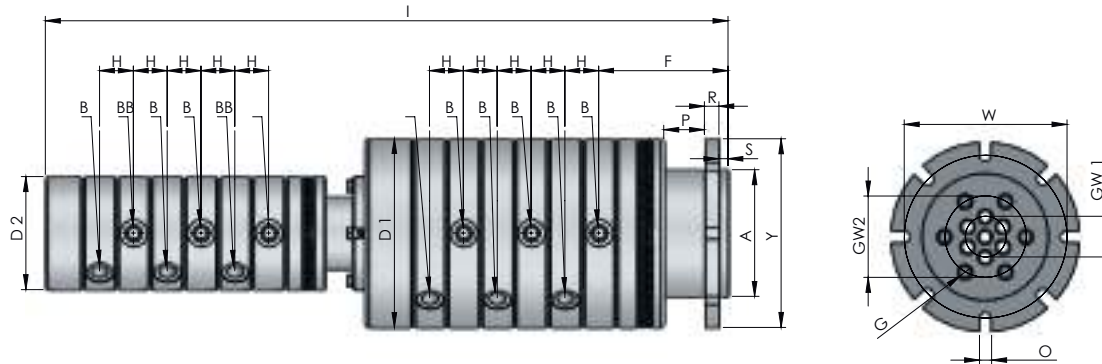
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available

Multi-passage rotary unions



Do not operate without fluid.

## DIMENSIONS



| SIZE      | MODEL NO      | B         | Y Ø | A Ø | G Ø | D Ø       | F      | H     | I      | S  | P  | R  | W   | GW       | O  | KG     |
|-----------|---------------|-----------|-----|-----|-----|-----------|--------|-------|--------|----|----|----|-----|----------|----|--------|
| 12 X 1/4" | M1-112081-200 | 1/4" NPT  | 180 | 120 | 7   | 180 / 108 | 121,50 | 25,40 | 577    | 7  | 42 | 12 | 160 | 38 / 70  | 9  | 61,85  |
| 12 X 1/4" | M1-112082-200 | 1/4" BSP  | 180 | 120 | 7   | 180 / 108 | 121,50 | 25,40 | 577    | 7  | 42 | 12 | 160 | 38 / 70  | 9  | 61,85  |
| 12 X 1/4" | M1-112083-200 | 1/4" BSPP | 180 | 120 | 7   | 180 / 108 | 121,50 | 25,40 | 577    | 7  | 42 | 12 | 160 | 38 / 70  | 9  | 61,85  |
| 12 X 3/8" | M1-112101-200 | 3/8" NPT  | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622    | 10 | 40 | 15 | 165 | 36 / 70  | 11 | 66,85  |
| 12 X 3/8" | M1-112102-200 | 3/8" BSP  | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622    | 10 | 40 | 15 | 165 | 36 / 70  | 11 | 66,85  |
| 12 X 3/8" | M1-112103-200 | 3/8" BSPP | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622    | 10 | 40 | 15 | 165 | 36 / 70  | 11 | 66,85  |
| 12 X 1/2" | M1-112151-200 | 1/2" NPT  | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 108,60 |
| 12 X 1/2" | M1-112152-200 | 1/2" BSP  | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 108,60 |
| 12 X 1/2" | M1-112153-200 | 1/2" BSPP | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 108,60 |
| 12 X 3/4" | M1-112201-200 | 3/4" NPT  | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40 | 882,55 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 187,80 |
| 12 X 3/4" | M1-112202-200 | 3/4" BSP  | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40 | 882,55 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 187,80 |
| 12 X 3/4" | M1-112203-200 | 3/4" BSPP | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40 | 882,55 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 187,80 |







# ROTOTECH ROTARY JOINTS

**M1** SERIES

MULTI-PASSAGE TECHNOLOGY



**M1**  
SERIES



[www.rototech.com.tr](http://www.rototech.com.tr)



# M2-S2



Media Type

**Hydraulic Oil, Water, Food,**



Max. Speed

**500 RPM**



Max. Pressure

**500 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**2 x 1/4" - 2 x 1 1/4"**



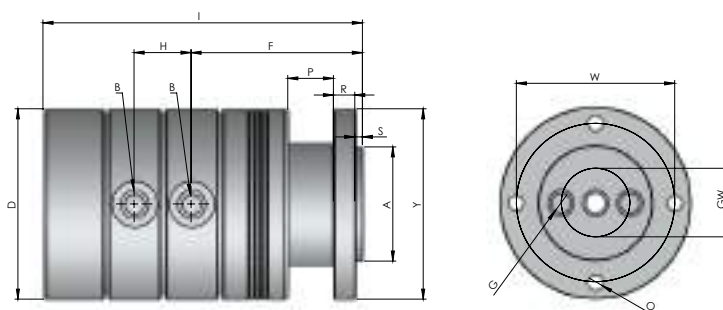
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Stainless steel body
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions.



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O    | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|------|-------|
| 2 x 1/4" | M2-22081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50 | 4,15  |
| 2 x 1/4" | M2-22082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50 | 4,15  |
| 2 x 1/4" | M2-22083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50 | 4,15  |
| 2 X 3/8" | M2-22101-200 | 3/8" NPT  | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 4,75  |
| 2 X 3/8" | M2-22102-200 | 3/8" BSP  | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 4,75  |
| 2 X 3/8" | M2-22103-200 | 3/8" BSPP | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 4,75  |
| 2 X 1/2" | M2-22151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10   | 16    |
| 2 X 1/2" | M2-22152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10   | 16    |
| 2 X 1/2" | M2-22153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10   | 16    |
| 2 X 3/4" | M2-22201-200 | 3/4" NPT  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11   | 19,75 |
| 2 X 3/4" | M2-22202-200 | 3/4" BSP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11   | 19,75 |



|            |              |             |     |     |    |     |        |       |        |   |    |    |     |    |       |       |
|------------|--------------|-------------|-----|-----|----|-----|--------|-------|--------|---|----|----|-----|----|-------|-------|
| 2 X 3/4"   | M2-22203-200 | 3/4" BSPP   | 135 | 85  | 18 | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11    | 19,75 |
| 2 X 1"     | M2-22251-200 | 1" NPT      | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 275,50 | 7 | 55 | 16 | 138 | 55 | 13,50 | 33    |
| 2 X 1"     | M2-22252-200 | 1" BSP      | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 275,50 | 7 | 55 | 16 | 138 | 55 | 13,50 | 33    |
| 2 X 1"     | M2-22253-200 | 1" BSPP     | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 275,50 | 7 | 55 | 16 | 138 | 55 | 13,50 | 33    |
| 2 X 1 1/4" | M2-22321-200 | 1 1/4" NPT  | 230 | 150 | 28 | 230 | 167,10 | 65    | 317    | 7 | 55 | 20 | 180 | 85 | 13,50 | 85,50 |
| 2 X 1 1/4" | M2-22322-200 | 1 1/4" BSP  | 230 | 150 | 28 | 230 | 167,10 | 65    | 317    | 7 | 55 | 20 | 180 | 85 | 13,50 | 85,50 |
| 2 X 1 1/4" | M2-22323-200 | 1 1/4" BSPP | 230 | 150 | 28 | 230 | 167,10 | 65    | 317    | 7 | 55 | 20 | 180 | 85 | 13,50 | 85,50 |

Multiports

# M1-S3



Multi-pass rotary unions



Media Type

**Hydraulic Oil, Water, Food**



Max. Speed

**500 RPM**



Max. Pressure

**500 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

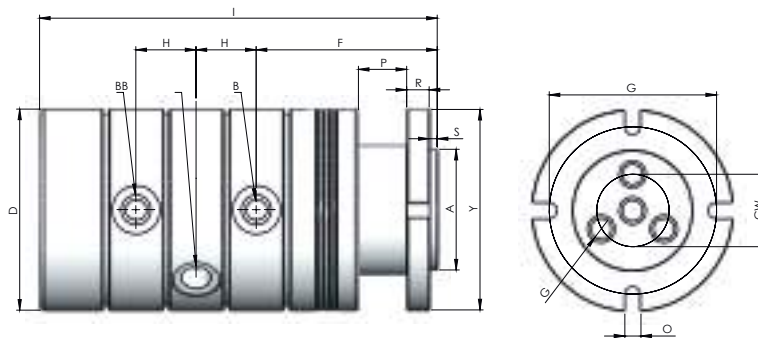
**3 x 1/4" - 3 x 1 1/4"**

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Stainless steel body
- ✓ For low-quality fluids
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O     | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|-------|-------|
| 3 X 1/4" | M1-23081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,50  | 5,05  |
| 3 X 1/4" | M1-23082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,50  | 5,05  |
| 3 X 1/4" | M1-23083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,50  | 5,05  |
| 3 x 3/8" | M1-23101-200 | 3/8" NPT  | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50  | 5,80  |
| 3 x 3/8" | M1-23102-200 | 3/8" BSP  | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50  | 5,80  |
| 3 x 3/8" | M1-23103-200 | 3/8" BSPP | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50  | 5,80  |
| 3 X 1/2" | M1-23151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10    | 19,15 |
| 3 X 1/2" | M1-23152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10    | 19,15 |
| 3 X 1/2" | M1-23153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10    | 19,15 |
| 3 X 3/4" | M1-23201-200 | 3/4" NPT  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11    | 23,80 |
| 3 X 3/4" | M1-23202-200 | 3/4" BSP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11    | 23,80 |
| 3 X 3/4" | M1-23203-200 | 3/4" BSPP | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11    | 23,80 |
| 3 X 1"   | M1-13251-200 | 1" NPT    | 164 | 100 | 22  | 164 | 152,50 | 50,40 | 326    | 7 | 55 | 16 | 138 | 55 | 13,50 | 39    |



|            |              |             |     |     |    |     |        |       |        |   |    |    |     |    |       |        |
|------------|--------------|-------------|-----|-----|----|-----|--------|-------|--------|---|----|----|-----|----|-------|--------|
| 3 X 1"     | M1-13252-200 | 1" BSP      | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 326    | 7 | 55 | 16 | 138 | 55 | 13,50 | 39     |
| 3 X 1"     | M1-13253-200 | 1" BSPP     | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 326    | 7 | 55 | 16 | 138 | 55 | 13,50 | 39     |
| 3 X 1 1/4" | M1-23321-200 | 1 1/4" NPT  | 230 | 150 | 28 | 230 | 167,10 | 65    | 382,40 | 7 | 55 | 20 | 180 | 85 | 13,50 | 103,40 |
| 3 X 1 1/4" | M1-23322-200 | 1 1/4" BSP  | 230 | 150 | 28 | 230 | 167,10 | 65    | 382,40 | 7 | 55 | 20 | 180 | 85 | 13,50 | 103,40 |
| 3 X 1 1/4" | M1-23323-200 | 1 1/4" BSPP | 230 | 150 | 28 | 230 | 167,10 | 65    | 382,40 | 7 | 55 | 20 | 180 | 85 | 13,50 | 103,40 |

Multiports

# M1-S4



Multi-passage rotary unions



Media Type

**Hydraulic Oil, Water, Food**



Max. Speed

**500 RPM**



Max. Pressure

**500 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

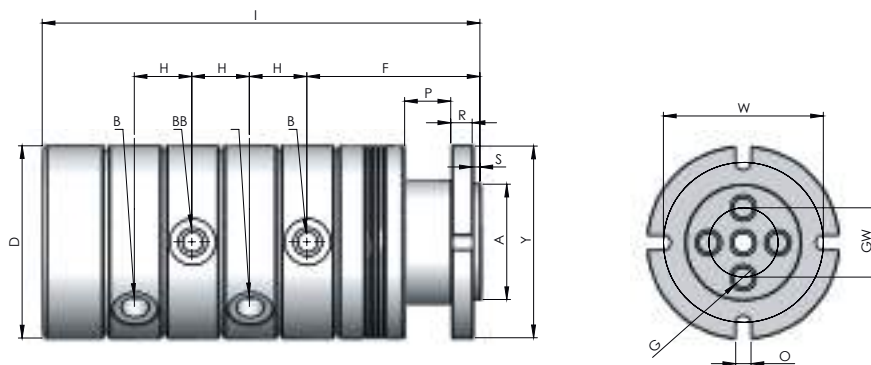
**4 x 1/4" - 4 x 1 1/4"**

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Stainless steel body
- ✓ For low-quality fluids
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O    | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|------|-------|
| 4 X 1/4" | M1-24081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 6,50 | 5,85  |
| 4 X 1/4" | M1-24082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 6,50 | 5,85  |
| 4 X 1/4" | M1-24083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 6,50 | 5,85  |
| 4 X 3/8" | M1-24101-200 | 3/8" NPT  | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50 | 11    |
| 4 X 3/8" | M1-24102-200 | 3/8" BSP  | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50 | 11    |
| 4 X 3/8" | M1-24103-200 | 3/8" BSPP | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50 | 11    |
| 4 X 1/2" | M1-24151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10   | 22,25 |
| 4 X 1/2" | M1-24152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10   | 22,25 |
| 4 X 1/2" | M1-24153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10   | 22,25 |
| 4 X 3/4" | M1-24201-200 | 3/4" NPT  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11   | 27,80 |
| 4 X 3/4" | M1-24202-200 | 3/4" BSP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11   | 27,80 |
| 4 X 3/4" | M1-24203-200 | 3/4" BSPP | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11   | 27,80 |



|            |              |             |     |     |    |     |        |       |        |   |    |    |     |    |       |       |
|------------|--------------|-------------|-----|-----|----|-----|--------|-------|--------|---|----|----|-----|----|-------|-------|
| 3 X 1"     | M1-24251-200 | 1" NPT      | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 376    | 7 | 55 | 16 | 138 | 55 | 13,50 | 45,30 |
| 3 X 1"     | M1-24252-200 | 1" BSP      | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 376    | 7 | 55 | 16 | 138 | 55 | 13,50 | 45,30 |
| 3 X 1"     | M1-24253-200 | 1" BSPP     | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 376    | 7 | 55 | 16 | 138 | 55 | 13,50 | 45,30 |
| 4 X 1 1/4" | M1-24321-200 | 1 1/4" NPT  | 230 | 150 | 28 | 230 | 167,10 | 65    | 447,50 | 7 | 55 | 20 | 180 | 85 | 13,50 | 121   |
| 4 X 1 1/4" | M1-24322-200 | 1 1/4" BSP  | 230 | 150 | 28 | 230 | 167,10 | 65    | 447,50 | 7 | 55 | 20 | 180 | 85 | 13,50 | 121   |
| 4 X 1 1/4" | M1-24323-200 | 1 1/4" BSPP | 230 | 150 | 28 | 230 | 167,10 | 65    | 447,50 | 7 | 55 | 20 | 180 | 85 | 13,50 | 121   |

Multiports

# M1-S5



Media Type

**Hydraulic Oil, Air - Vacuum**



Max. Speed

**500 RPM**



Max. Pressure

**500 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**5 x 1/4" -**

**5 x 1 1/4"**



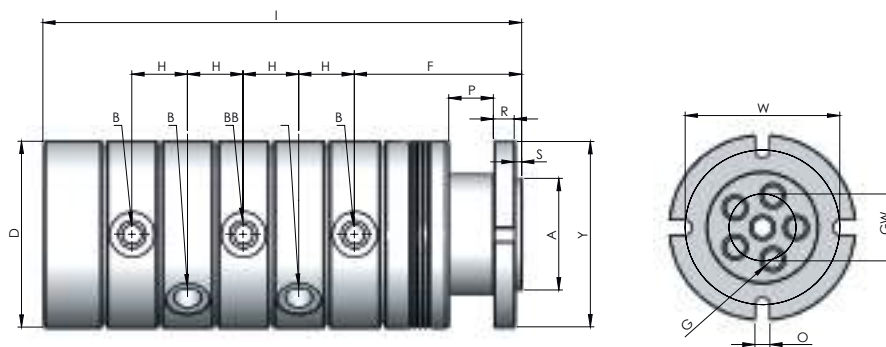
Multi-passage rotary unions

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Stainless steel body
- ✓ For low-quality fluids
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O     | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|-------|-------|
| 5 X 1/4" | M1-25081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3 | 20 | 7  | 70  | 20 | 6,50  | 6,70  |
| 5 X 1/4" | M1-25082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3 | 20 | 7  | 70  | 20 | 6,50  | 6,70  |
| 5 X 1/4" | M1-25083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3 | 20 | 7  | 70  | 20 | 6,50  | 6,70  |
| 5 X 3/8" | M1-25101-200 | 3/8" NPT  | 108 | 65  | 10  | 108 | 89     | 30    | 253    | 3 | 20 | 10 | 90  | 28 | 9     | 15,35 |
| 5 X 3/8" | M1-25102-200 | 3/8" BSP  | 108 | 65  | 10  | 108 | 89     | 30    | 253    | 3 | 20 | 10 | 90  | 28 | 9     | 15,35 |
| 5 X 3/8" | M1-25103-200 | 3/8" BSPP | 108 | 65  | 10  | 108 | 89     | 30    | 253    | 3 | 20 | 10 | 90  | 28 | 9     | 15,35 |
| 5 X 1/2" | M1-25151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5 | 30 | 14 | 104 | 45 | 10    | 25,30 |
| 5 X 1/2" | M1-25152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5 | 30 | 14 | 104 | 45 | 10    | 25,30 |
| 5 X 1/2" | M1-25153-202 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5 | 30 | 14 | 104 | 45 | 10    | 25,30 |
| 5 X 3/4" | M1-25201-200 | 3/4" NPT  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 373,70 | 5 | 45 | 13 | 139 | 60 | 11    | 51,15 |
| 5 X 3/4" | M1-25202-200 | 3/4" BSP  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 373,70 | 5 | 45 | 13 | 139 | 60 | 11    | 51,15 |
| 5 X 3/4" | M1-25203-200 | 3/4" BSPP | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 373,70 | 5 | 45 | 13 | 139 | 60 | 11    | 51,15 |
| 5 X 1"   | M1-25251-200 | 1" NPT    | 190 | 110 | 22  | 190 | 143,40 | 50,40 | 411,30 | 7 | 55 | 16 | 165 | 60 | 13,50 | 74    |





|            |              |             |     |     |    |     |        |       |        |   |    |    |     |    |       |        |
|------------|--------------|-------------|-----|-----|----|-----|--------|-------|--------|---|----|----|-----|----|-------|--------|
| 5 X 1"     | M1-25252-200 | 1" BSP      | 190 | 110 | 22 | 190 | 143,40 | 50,40 | 411,30 | 7 | 55 | 16 | 165 | 60 | 13,50 | 74     |
| 5 X 1"     | M1-25253-200 | 1" BSPP     | 190 | 110 | 22 | 190 | 143,40 | 50,40 | 411,30 | 7 | 55 | 16 | 165 | 60 | 13,50 | 74     |
| 5 X 1 1/4" | M1-25321-200 | 1 1/4" NPT  | 230 | 150 | 28 | 230 | 167,10 | 65    | 512,60 | 7 | 55 | 20 | 180 | 85 | 13,50 | 138,25 |
| 5 X 1 1/4" | M1-25322-200 | 1 1/4" BSP  | 230 | 150 | 28 | 230 | 167,10 | 65    | 512,60 | 7 | 55 | 20 | 180 | 85 | 13,50 | 138,25 |
| 5 X 1 1/4" | M1-25323-200 | 1 1/4" BSPP | 230 | 150 | 28 | 230 | 167,10 | 65    | 512,60 | 7 | 55 | 20 | 180 | 85 | 13,50 | 138,25 |

Multiports

# M1-S6



Media Type

**Hydraulic Oil, Water,  
Food**



Max. Speed

**500 RPM**



Max. Pressure

**500 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**6 x 1/4" -  
6 x 1 1/4"**



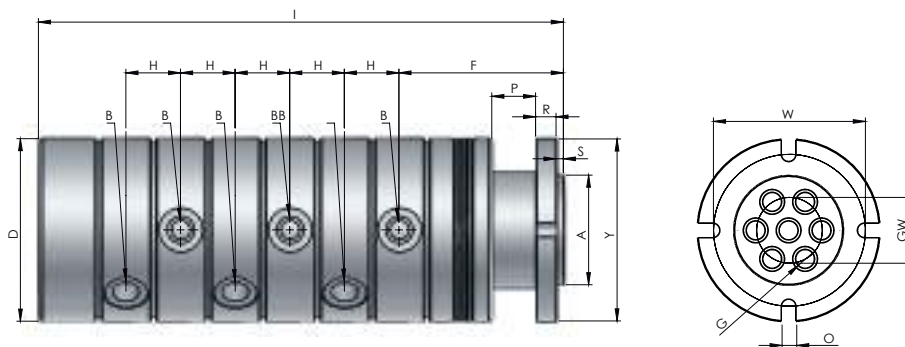
Multi-pass rotary unions

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Stainless steel body
- ✓ For low-quality fluids
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O  | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|----|-------|
| 6 X 1/4" | M1-26081-200 | 1/4" NPT  | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9  | 16,05 |
| 6 X 1/4" | M1-26082-200 | 1/4" BSP  | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9  | 16,05 |
| 6 X 1/4" | M1-26083-200 | 1/4" BSPP | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9  | 16,05 |
| 6 X 3/8" | M1-26101-200 | 3/8" NPT  | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9  | 17,80 |
| 6 X 3/8" | M1-26102-200 | 3/8" BSP  | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9  | 17,80 |
| 6 X 3/8" | M1-26103-200 | 3/8" BSPP | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9  | 17,80 |
| 6 X 1/2" | M1-26151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10 | 28,35 |
| 6 X 1/2" | M1-26152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10 | 28,35 |
| 6 X 1/2" | M1-26153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10 | 28,35 |
| 6 X 3/4" | M1-26201-200 | 3/4" NPT  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,10 | 5 | 45 | 13 | 139 | 60 | 11 | 57,25 |
| 6 X 3/4" | M1-26202-200 | 3/4" BSP  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,10 | 5 | 45 | 13 | 139 | 60 | 11 | 57,25 |
| 6 X 3/4" | M1-26203-200 | 3/4" BSPP | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,10 | 5 | 45 | 13 | 139 | 60 | 11 | 57,25 |



|            |              |              |     |     |    |     |        |       |        |   |    |    |     |    |       |        |
|------------|--------------|--------------|-----|-----|----|-----|--------|-------|--------|---|----|----|-----|----|-------|--------|
| 6 X 1"     | M1-26251-200 | 1" NPT       | 190 | 110 | 22 | 190 | 143,40 | 50,40 | 462    | 7 | 55 | 16 | 165 | 60 | 13,50 | 83,20  |
| 6 X 1"     | M1-26252-200 | 1" BSP       | 190 | 110 | 22 | 190 | 143,40 | 50,40 | 462    | 7 | 55 | 16 | 165 | 60 | 13,50 | 83,20  |
| 6 X 1"     | M1-26253-200 | 1" BSPP      | 190 | 110 | 22 | 190 | 143,40 | 50,40 | 462    | 7 | 55 | 16 | 165 | 60 | 13,50 | 83,20  |
| 6 X 1 1/4" | M1-26312-200 | 1 1/4" NPT   | 230 | 150 | 28 | 230 | 167,10 | 65    | 577,70 | 7 | 55 | 20 | 180 | 85 | 13,50 | 141,75 |
| 6 X 1 1/4" | M1-26322-200 | 1 1/4" BSP   | 230 | 150 | 28 | 230 | 167,10 | 65    | 577,70 | 7 | 55 | 20 | 180 | 85 | 13,50 | 141,75 |
| 6 X 1 1/4" | M1-26323-200 | 1 1/4" B SPP | 230 | 150 | 28 | 230 | 167,10 | 65    | 577,70 | 7 | 55 | 20 | 180 | 85 | 13,50 | 141,75 |

Multiports

# M1-S8



Multi-pass rotary unions



Media Type

**Hydraulic Oil, Water, Food**



Max. Speed

**500 RPM**



Max. Pressure

**500 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

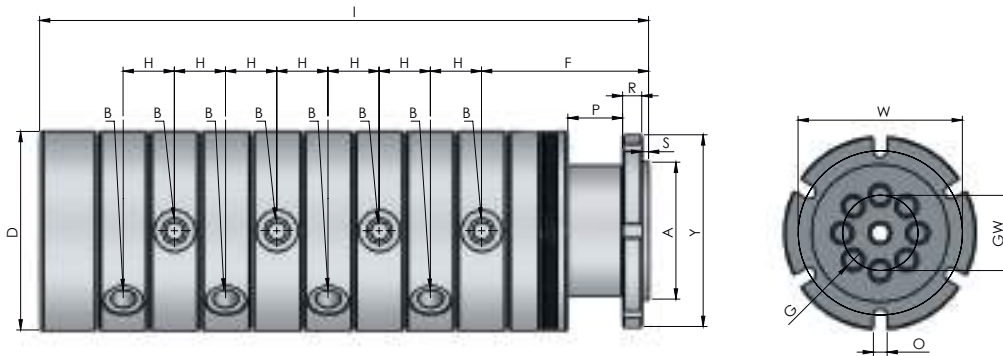
**8 x 1/4" -  
8 x 1 1/4"**

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Stainless steel body
- ✓ For low-quality fluids
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F     | H     | I      | S | P  | R  | W   | GW | O  | KG     |
|----------|--------------|-----------|-----|-----|-----|-----|-------|-------|--------|---|----|----|-----|----|----|--------|
| 8 X 1/4" | M1-28081-200 | 1/4" NPT  | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 19,20  |
| 8 X 1/4" | M1-28082-200 | 1/4" BSP  | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 19,20  |
| 8 X 1/4" | M1-28083-200 | 1/4" BSPP | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 19,20  |
| 8 X 3/8" | M1-28101-200 | 3/8" NPT  | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 29,60  |
| 8 X 3/8" | M1-28102-200 | 3/8" BSP  | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 29,60  |
| 8 X 3/8" | M1-28103-200 | 3/8" BSPP | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 29,60  |
| 8 X 1/2" | M1-28151-200 | 1/2" NPT  | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 48,45  |
| 8 X 1/2" | M1-28152-200 | 1/2" BSP  | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 48,45  |
| 8 X 1/2" | M1-28153-200 | 1/2" BSPP | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 48,45  |
| 8 X 3/4" | M1-28201-200 | 3/4" NPT  | 225 | 165 | 18  | 225 | 151   | 43,40 | 521    | 5 | 58 | 13 | 200 | 80 | 11 | 136,75 |
| 8 X 3/4" | M1-28202-200 | 3/4" BSP  | 225 | 165 | 18  | 225 | 151   | 43,40 | 521    | 5 | 58 | 13 | 200 | 80 | 11 | 136,75 |
| 8 X 3/4" | M1-28203-200 | 3/4" BSPP | 225 | 165 | 18  | 225 | 151   | 43,40 | 521    | 5 | 58 | 13 | 200 | 80 | 11 | 136,75 |



|            |              |             |     |     |    |     |        |       |        |    |    |    |     |     |       |        |
|------------|--------------|-------------|-----|-----|----|-----|--------|-------|--------|----|----|----|-----|-----|-------|--------|
| 8 X 1"     | M1-28251-200 | 1" NPT      | 229 | 140 | 22 | 229 | 153,40 | 50,40 | 575,50 | 10 | 55 | 20 | 200 | 90  | 13,50 | 155,90 |
| 8 X 1"     | M1-28252-200 | 1" BSP      | 229 | 140 | 22 | 229 | 153,40 | 50,40 | 575,50 | 10 | 55 | 20 | 200 | 90  | 13,50 | 155,90 |
| 8 X 1"     | M1-28253-200 | 1" BSPP     | 229 | 140 | 22 | 229 | 153,40 | 50,40 | 575,50 | 10 | 55 | 20 | 200 | 90  | 13,50 | 155,90 |
| 8 X 1 1/4" | M1-28321-200 | 1 1/4" NPT  | 310 | 230 | 28 | 310 | 175    | 65    | 721    | 10 | 55 | 20 | 273 | 130 | 17,50 | 375,35 |
| 8 X 1 1/4" | M1-28322-200 | 1 1/4" BSP  | 310 | 230 | 28 | 310 | 175    | 65    | 721    | 10 | 55 | 20 | 273 | 130 | 17,50 | 375,35 |
| 8 X 1 1/4" | M1-28323-200 | 1 1/4" BSPP | 310 | 230 | 28 | 310 | 175    | 65    | 721    | 10 | 55 | 20 | 273 | 130 | 17,50 | 375,35 |

Multiports

# M1-S10



Media Type

**Hydraulic Oil, Water, Food**



Max. Speed

**400 RPM**



Max. Pressure

**400 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**10x1/4" - 10x3/4"**

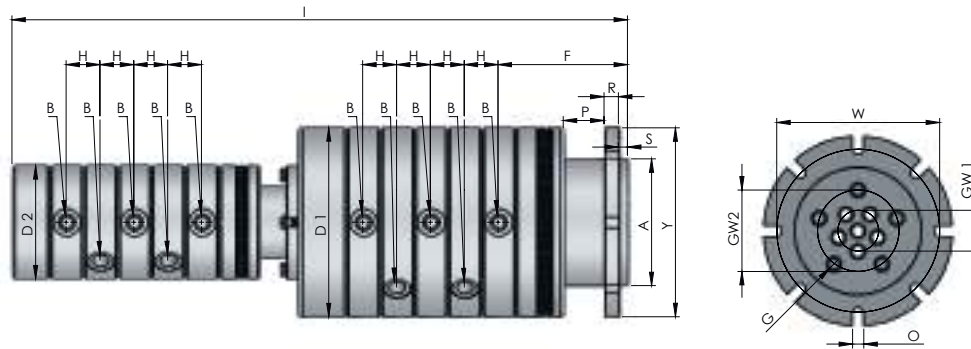
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Stainless steel body
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-passge rotary unions



Do not operate without fluid.

## DIMENSIONS



| SIZE      | MODEL NO      | B         | Y Ø | A Ø | G Ø | D Ø       | F      | H             | I      | S  | P  | R  | W   | GW       | O  | KG     |
|-----------|---------------|-----------|-----|-----|-----|-----------|--------|---------------|--------|----|----|----|-----|----------|----|--------|
| 10 X 1/4" | M1-210081-200 | 1/4" NPT  | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478    | 7  | 42 | 12 | 130 | 20 / 55  | 9  | 36,90  |
| 10 X 1/4" | M1-210082-200 | 1/4" BSP  | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478    | 7  | 42 | 12 | 130 | 20 / 56  | 9  | 36,90  |
| 10 X 1/4" | M1-210083-200 | 1/4" BSPP | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478    | 7  | 42 | 12 | 130 | 20 / 56  | 9  | 36,90  |
| 10 X 3/8" | M1-210101-200 | 3/8" NPT  | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558    | 10 | 40 | 15 | 165 | 28 / 70  | 11 | 65,40  |
| 10 X 3/8" | M1-210102-200 | 3/8" BSP  | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558    | 10 | 40 | 15 | 165 | 28 / 70  | 11 | 65,40  |
| 10 X 3/8" | M1-210103-200 | 3/8" BSPP | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558    | 10 | 40 | 15 | 165 | 28 / 70  | 11 | 65,40  |
| 10 X 1/2" | M1-210151-200 | 1/2" NPT  | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 106,30 |
| 10 X 1/2" | M1-210152-200 | 1/2" BSP  | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 106,30 |
| 10 X 1/2" | M1-210153-200 | 1/2" BSPP | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 106,30 |
| 10 X 3/4" | M1-210201-200 | 3/4" NPT  | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40         | 795,75 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 184,85 |
| 10 X 3/4" | M1-210202-200 | 3/4" BSP  | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40         | 795,75 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 184,85 |
| 10 X 3/4" | M1-210203-200 | 3/4" BSPP | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40         | 795,75 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 184,85 |



Multiports

# M1-S12



Media Type

Hydraulic Oil, Water,  
Food



Max. Speed

400 RPM



Max. Pressure

400 BAR



Max. Temperature

80 °C



Connection Type

NPT, BSPP, BSPT



Rotor Size

12 x 1/4" - 12 x 3/4"



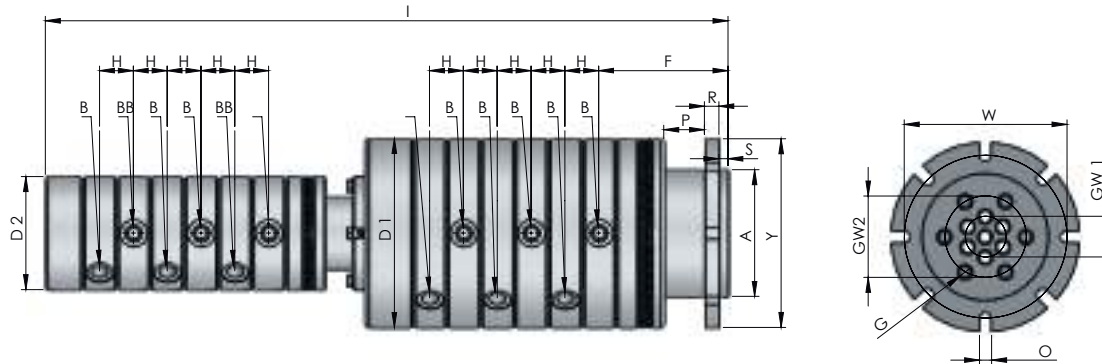
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Stainless steel body
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions



Do not operate without fluid.

## DIMENSIONS



| SIZE      | MODEL NO      | B         | Y Ø | A Ø | G Ø | D Ø       | F      | H     | I      | S  | P  | R  | W   | GW       | O  | KG     |
|-----------|---------------|-----------|-----|-----|-----|-----------|--------|-------|--------|----|----|----|-----|----------|----|--------|
| 12 X 1/4" | M1-212081-200 | 1/4" NPT  | 180 | 120 | 7   | 180/108   | 121,50 | 25,40 | 577    | 7  | 42 | 12 | 160 | 38 / 70  | 9  | 67,25  |
| 12 X 1/4" | M1-212082-200 | 1/4" BSP  | 180 | 120 | 7   | 180/108   | 121,50 | 25,40 | 577    | 7  | 42 | 12 | 160 | 38 / 70  | 9  | 67,25  |
| 12 X 1/4" | M1-212083-200 | 1/4" BSPP | 180 | 120 | 7   | 180/108   | 121,50 | 25,40 | 577    | 7  | 42 | 12 | 160 | 38 / 70  | 9  | 67,25  |
| 12 X 3/8" | M1-212101-200 | 3/8" NPT  | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622    | 10 | 40 | 15 | 165 | 36 / 70  | 11 | 72,85  |
| 12 X 3/8" | M1-212102-200 | 3/8" BSP  | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622    | 10 | 40 | 15 | 165 | 36 / 70  | 11 | 72,85  |
| 12 X 3/8" | M1-212103-200 | 3/8" BSPP | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622    | 10 | 40 | 15 | 165 | 36 / 70  | 11 | 72,85  |
| 12 X 1/2" | M1-212151-200 | 1/2" NPT  | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 118,30 |
| 12 X 1/2" | M1-212152-200 | 1/2" BSP  | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 118,30 |
| 12 X 1/2" | M1-212153-200 | 1/2" BSPP | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 118,30 |
| 12 X 3/4" | M1-212201-200 | 3/4" NPT  | 250 | 178 | 18  | 250 / 165 | 178    | 43,40 | 882,55 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 204,85 |
| 12 X 3/4" | M1-212202-200 | 3/4" BSP  | 250 | 178 | 18  | 250 / 165 | 178    | 43,40 | 882,55 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 204,85 |
| 12 X 3/4" | M1-212203-200 | 3/4" BSPP | 250 | 178 | 18  | 250 / 165 | 178    | 43,40 | 882,55 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 204,85 |





# Rototech®

ROTARY UNION • SWIVEL JOINTS



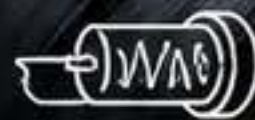
## TIRE BUILDING MACHINES

Reliable rotary union solutions for tire building machines.



## CALENDERING LINES

Withstands high temperatures and continuous operation.



## EXTRUSION SYSTEMS

Engineered for stable performance under extreme pressure.



## VULCANIZATION PRESSES

Leak-free operation for consistent and efficient curing.



### RELIABLE

Consistent performance in demanding rubber manufacturing environments.



### DURABLE

Built with premium materials for extended service life.



### EFFICIENT

Optimized flow control for higher productivity and lower downtime.



### CONTINUOUS

Designed for uninterrupted operation in tire & rubber production lines.

ENGINEERED FOR THE RUBBER INDUSTRY. BUILT FOR PERFORMANCE.

[www.rototech.com.tr](http://www.rototech.com.tr)





# ROTOTECH

# ROTARY JOINTS

— **M1** SERIES —

MULTI-PASSAGE TECHNOLOGY



**M1**  
SERIES



Multiports

# M1-SR2



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum**



Max. Speed

**250 RPM**



Max. Pressure

**250 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**2 x 1/4" - 12 x 3/4"**



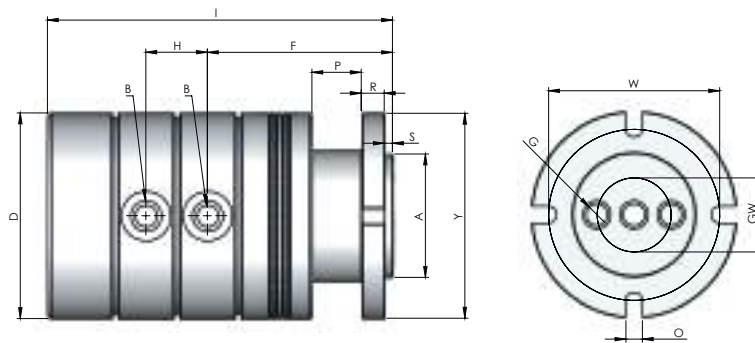
- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions



Do not operate without fluid.

## DIMENSIONS



| SIZE (DN) | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O    | KG    |
|-----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|------|-------|
| 2 x 1/4"  | M1-42081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50 | 4,20  |
| 2 x 1/4"  | M1-42082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50 | 4,20  |
| 2 x 1/4"  | M1-42083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50 | 4,20  |
| 2 X 3/8"  | M1-42101-200 | 3/8" NPT  | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 4,85  |
| 2 X 3/8"  | M1-42102-200 | 3/8" BSP  | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 4,85  |
| 2 X 3/8"  | M1-42103-200 | 3/8" BSPP | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 4,85  |
| 2 X 1/2"  | M1-42151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10   | 16,50 |
| 2 X 1/2"  | M1-42152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10   | 16,50 |
| 2 X 1/2"  | M1-42153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10   | 16,50 |
| 2 X 3/4"  | M1-42201-200 | 3/4" NPT  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11   | 19,70 |
| 2 X 3/4"  | M1-42202-200 | 3/4" BSP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11   | 19,70 |
| 2 X 3/4"  | M1-42203-200 | 3/4" BSPP | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11   | 19,70 |



Multiports

# M1-SR3



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum**



Max. Speed

**250 RPM**



Max. Pressure

**250 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**3 x 1/4" - 3 x 3/4"**



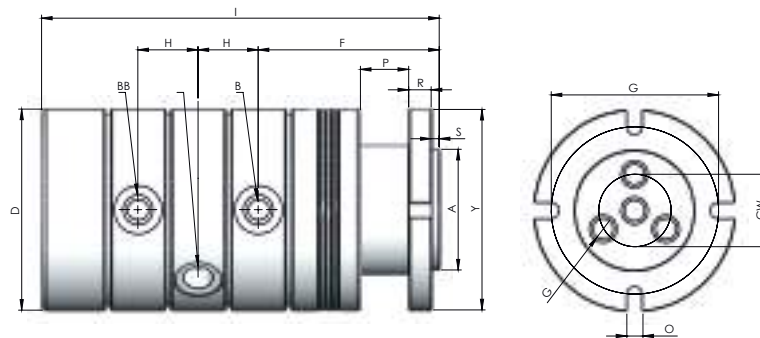
- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O    | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|------|-------|
| 3 X 1/4" | M1-43081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,50 | 5,15  |
| 3 X 1/4" | M1-43082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,50 | 5,15  |
| 3 X 1/4" | M1-43083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,50 | 5,15  |
| 3 x 3/8" | M1-43101-200 | 3/8" NPT  | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 5,90  |
| 3 x 3/8" | M1-43102-200 | 3/8" BSP  | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 5,90  |
| 3 x 3/8" | M1-43103-200 | 3/8" BSPP | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 5,90  |
| 3 X 1/2" | M1-43151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10   | 19,10 |
| 3 X 1/2" | M1-43152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10   | 19,10 |
| 3 X 1/2" | M1-43153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10   | 19,10 |
| 3 X 3/4" | M143201-200  | 3/4" NPT  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11   | 23,85 |
| 3 X 3/4" | M1-43202-200 | 3/4" BSP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11   | 23,85 |
| 3 X 3/4" | M1-43203-200 | 3/4" BSPP | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11   | 23,85 |

Multiports

# M1-SR4



Multi-pass rotary unions



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum**



Max. Speed

**250 RPM**



Max. Pressure

**250 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

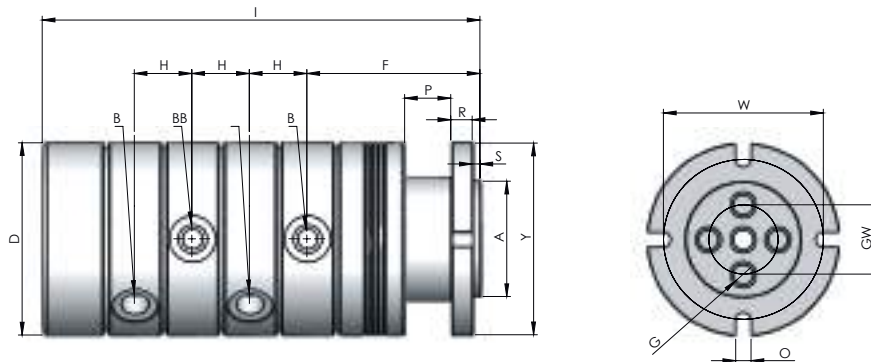
**4x 1/4" - 4 x 3/4"**

- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O    | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|------|-------|
| 4 X 1/4" | M1-44081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 6,50 | 6     |
| 4 X 1/4" | M1-44082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 6,50 | 6     |
| 4 X 1/4" | M1-44083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 6,50 | 6     |
| 4 X 3/8" | M1-44101-200 | 3/8" NPT  | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50 | 11,20 |
| 4 X 3/8" | M1-44102-200 | 3/8" BSP  | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50 | 11,20 |
| 4 X 3/8" | M1-44103-200 | 3/8" BSPP | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50 | 11,20 |
| 4 X 1/2" | M1-44151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10   | 22,30 |
| 4 X 1/2" | M1-44152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10   | 22,30 |
| 4 X 1/2" | M1-44153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10   | 22,30 |
| 4 X 3/4" | M1-44201-200 | 3/4" NPT  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11   | 28    |
| 4 X 3/4" | M1-44202-200 | 3/4" BSP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11   | 28    |
| 4 X 3/4" | M1-44203-200 | 3/4" BSPP | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11   | 28    |





Multiports

# M1-SR5



Multi-pass rotary unions



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum**



Max. Speed

**250 RPM**



Max. Pressure

**250 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

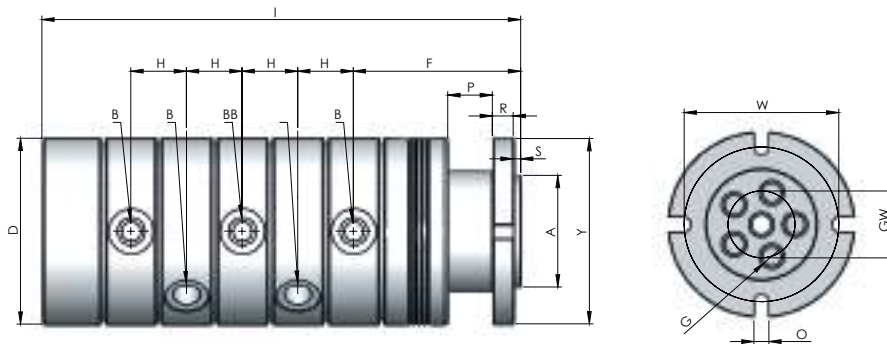
**5x 1/4" - 5 x 3/4"**

- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O    | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|------|-------|
| 5 X 1/4" | M1-45081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3 | 20 | 7  | 70  | 20 | 6,50 | 6,85  |
| 5 X 1/4" | M1-45082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3 | 20 | 7  | 70  | 20 | 6,50 | 6,85  |
| 5 X 1/4" | M1-45083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3 | 20 | 7  | 70  | 20 | 6,50 | 6,85  |
| 5 X 3/8" | M1-45101-200 | 3/8" NPT  | 108 | 65  | 10  | 108 | 89     | 30    | 259    | 5 | 20 | 12 | 90  | 28 | 9    | 15,65 |
| 5 X 3/8" | M1-45102-200 | 3/8" BSP  | 108 | 65  | 10  | 108 | 89     | 30    | 259    | 5 | 20 | 12 | 90  | 28 | 9    | 15,65 |
| 5 X 3/8" | M1-45103-200 | 3/8" BSPP | 108 | 65  | 10  | 108 | 89     | 30    | 259    | 5 | 20 | 12 | 90  | 28 | 9    | 15,65 |
| 5 X 1/2" | M1-45151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5 | 30 | 14 | 104 | 45 | 10   | 25,45 |
| 5 X 1/2" | M1-45152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5 | 30 | 14 | 104 | 45 | 10   | 25,45 |
| 5 X 1/2" | M1-45153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5 | 30 | 14 | 104 | 45 | 10   | 25,45 |
| 5 X 3/4" | M1-45201-200 | 3/4" NPT  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 373,70 | 5 | 45 | 13 | 139 | 60 | 11   | 51,50 |
| 5 X 3/4" | M1-45202-200 | 3/4" BSP  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 373,70 | 5 | 45 | 13 | 139 | 60 | 11   | 51,50 |
| 5 X 3/4" | M1-45203-200 | 3/4" BSPP | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 373,70 | 5 | 45 | 13 | 139 | 60 | 11   | 51,50 |

Multiports

# M1-SR6



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum**



Max. Speed

**250 RPM**



Max. Pressure

**250 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**6 x 1/4" - 6 x 3/4"**



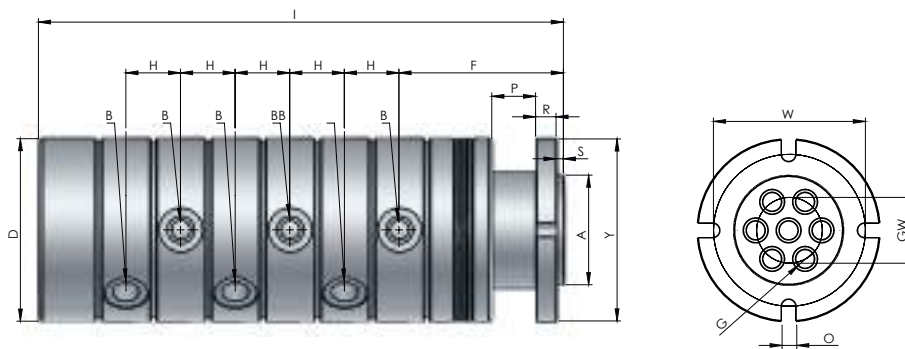
- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O  | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|----|-------|
| 6 X 1/4" | M1-46081-200 | 1/4" NPT  | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9  | 16,15 |
| 6 X 1/4" | M1-46082-200 | 1/4" BSP  | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9  | 16,15 |
| 6 X 1/4" | M1-46083-200 | 1/4" BSPP | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9  | 16,15 |
| 6 X 3/8" | M1-46101-200 | 3/8" NPT  | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9  | 18,50 |
| 6 X 3/8" | M1-46102-200 | 3/8" BSP  | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9  | 18,50 |
| 6 X 3/8" | M1-46103-200 | 3/8" BSPP | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9  | 18,50 |
| 6 X 1/2" | M1-46151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10 | 28,55 |
| 6 X 1/2" | M1-46152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10 | 28,55 |
| 6 X 1/2" | M1-46152-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10 | 28,55 |
| 6 X 3/4" | M1-46201-200 | 3/4" NPT  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,10 | 5 | 45 | 13 | 139 | 60 | 11 | 57,80 |
| 6 X 3/4" | M1-46202-200 | 3/4" BSP  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,10 | 5 | 45 | 13 | 139 | 60 | 11 | 57,80 |
| 6 X 3/4" | M1-46203-200 | 3/4" BSPP | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,10 | 5 | 45 | 13 | 139 | 60 | 11 | 57,80 |



Multiports

# M1-SR8



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum**



Max. Speed

**250 RPM**



Max. Pressure

**250 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**8 x 1/4" - 8 x 3/4"**



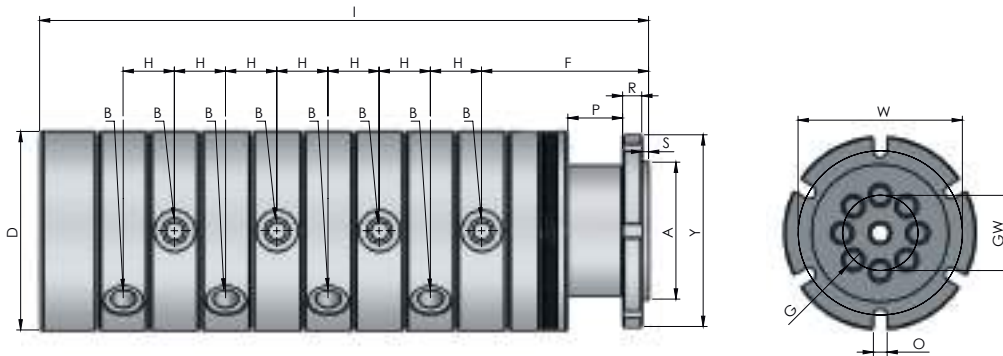
Multi-pass rotary unions

- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F     | H     | I      | S | P  | R  | W   | GW | O  | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|-------|-------|--------|---|----|----|-----|----|----|-------|
| 8 X 1/4" | M1-48081-200 | 1/4" NPT  | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 19,40 |
| 8 X 1/4" | M1-48082-200 | 1/4" BSP  | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 19,40 |
| 8 X 1/4" | M1-48083-200 | 1/4" BSPP | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 19,40 |
| 8 X 3/8" | M1-48101-200 | 3/8" NPT  | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 30,10 |
| 8 X 3/8" | M1-48102-200 | 3/8" BSP  | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 30,10 |
| 8 X 3/8" | M1-48103-200 | 3/8" BSPP | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 30,10 |
| 8 X 1/2" | M1-48151-500 | 1/2" NPT  | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 48,90 |
| 8 X 1/2" | M1-48152-200 | 1/2" BSP  | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 48,90 |
| 8 X 1/2" | M1-48153-200 | 1/2" BSPP | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 48,90 |

Multiports

# M1-SR10



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum**



Max. Speed

**200 RPM**



Max. Pressure

**200 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**10 x 1/4" -  
10 x 1/2"**

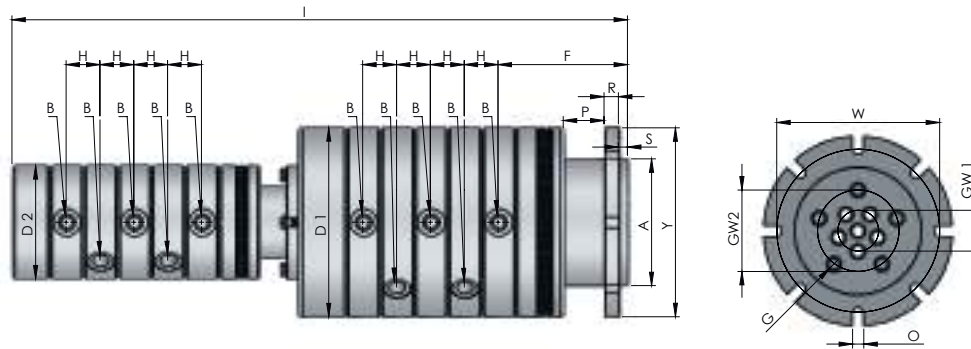
- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions



Do not operate without fluid.

## DIMENSIONS



| SIZE      | MODEL NO      | B         | Y Ø | A Ø | G Ø | D Ø       | F      | H             | I   | S  | P  | R  | W   | GW      | O  | KG     |
|-----------|---------------|-----------|-----|-----|-----|-----------|--------|---------------|-----|----|----|----|-----|---------|----|--------|
| 10 X 1/4" | M1-410080-200 | 1/4" NPT  | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478 | 7  | 42 | 12 | 130 | 20 / 55 | 9  | 37,50  |
| 10 X 1/4" | M1-410082-200 | 1/4" BSP  | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478 | 7  | 42 | 12 | 130 | 20 / 56 | 9  | 37,50  |
| 10 X 1/4" | M1-410083-200 | 1/4" BSPP | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478 | 7  | 42 | 12 | 130 | 20 / 56 | 9  | 37,50  |
| 10 X 3/8" | M1-410101-200 | 3/8" NPT  | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558 | 10 | 40 | 15 | 165 | 28 / 70 | 11 | 65,75  |
| 10 X 3/8" | M1-410102-200 | 3/8" BSP  | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558 | 10 | 40 | 15 | 165 | 28 / 70 | 11 | 65,75  |
| 10 X 3/8" | M1-410103-200 | 3/8" BSPP | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558 | 10 | 40 | 15 | 165 | 28 / 70 | 11 | 65,75  |
| 10 X 1/2" | M1-410151-200 | 1/2" NPT  | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680 | 10 | 45 | 16 | 170 | 45 / 90 | 13 | 106,15 |
| 10 X 1/2" | M1-410152-200 | 1/2" BSP  | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680 | 10 | 45 | 16 | 170 | 45 / 90 | 13 | 106,15 |
| 10 X 1/2" | M1-410153-200 | 1/2" BSPP | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680 | 10 | 45 | 16 | 170 | 45 / 90 | 13 | 106,15 |



Multiports

# M1-SR12



Media Type

Hydraulic Oil, Water,  
Air - Vacuum



Max. Speed

250 RPM



Max. Pressure

250 BAR



Max. Temperature

80 °C



Connection Type

NPT, BSPP, BSPT



Rotor Size

12 X 1/4" - 12 X 1/2"



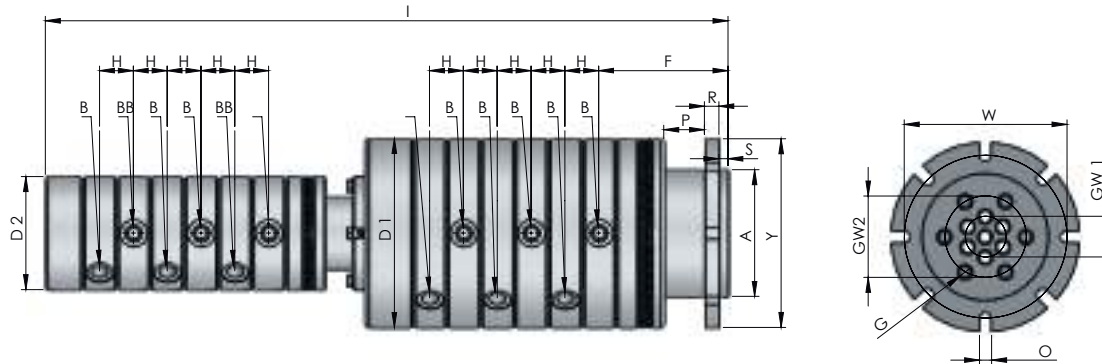
- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-passages rotary unions



Do not operate without fluid.

## DIMENSIONS



| SIZE      | MODEL NO      | B         | Y Ø | A Ø | G Ø | D Ø       | F      | H     | I   | S  | P  | R  | W   | GW      | O  | KG     |
|-----------|---------------|-----------|-----|-----|-----|-----------|--------|-------|-----|----|----|----|-----|---------|----|--------|
| 12 X 1/4" | M1-412081-200 | 1/4" NPT  | 180 | 120 | 7   | 180 / 108 | 121,50 | 25,40 | 577 | 7  | 42 | 12 | 160 | 38 / 70 | 9  | 67     |
| 12 X 1/4" | M1-412082-200 | 1/4" BSP  | 180 | 120 | 7   | 180 / 108 | 121,50 | 25,40 | 577 | 7  | 42 | 12 | 160 | 38 / 70 | 9  | 67     |
| 12 X 1/4" | M1-412083-200 | 1/4" BSPP | 180 | 120 | 7   | 180 / 108 | 121,50 | 25,40 | 577 | 7  | 42 | 12 | 160 | 38 / 70 | 9  | 67     |
| 12 X 3/8" | M1-412101-200 | 3/8" NPT  | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622 | 10 | 40 | 15 | 165 | 36 / 70 | 11 | 73,30  |
| 12 X 3/8" | M1-412102-200 | 3/8" BSP  | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622 | 10 | 40 | 15 | 165 | 36 / 70 | 11 | 73,30  |
| 12 X 3/8" | M1-412103-200 | 3/8" BSPP | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622 | 10 | 40 | 15 | 165 | 36 / 70 | 11 | 73,30  |
| 12 X 1/2" | M1-412151-200 | 1/2" NPT  | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755 | 10 | 45 | 16 | 170 | 45 / 90 | 13 | 118,50 |
| 12 X 1/2" | M1-412152-200 | 1/2" BSP  | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755 | 10 | 45 | 16 | 170 | 45 / 90 | 13 | 118,50 |
| 12 X 1/2" | M1-412153-200 | 1/2" BSPP | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755 | 10 | 45 | 16 | 170 | 45 / 90 | 13 | 118,50 |





# ROTOTECH ROTARY JOINTS

— M2 SERIES —

MULTI-PASSAGE TECHNOLOGY



**M2**  
SERIES



Multiports

# M2-A2



Media Type

Hydraulic Oil, Air - Vacuum



Max. Speed

250 RPM



Max. Pressure

100 BAR



Max. Temperature

80 °C



Connection Type

NPT, BSPP, BSPT



Rotor Size

2 x 1/4" - 2 x 3/4"



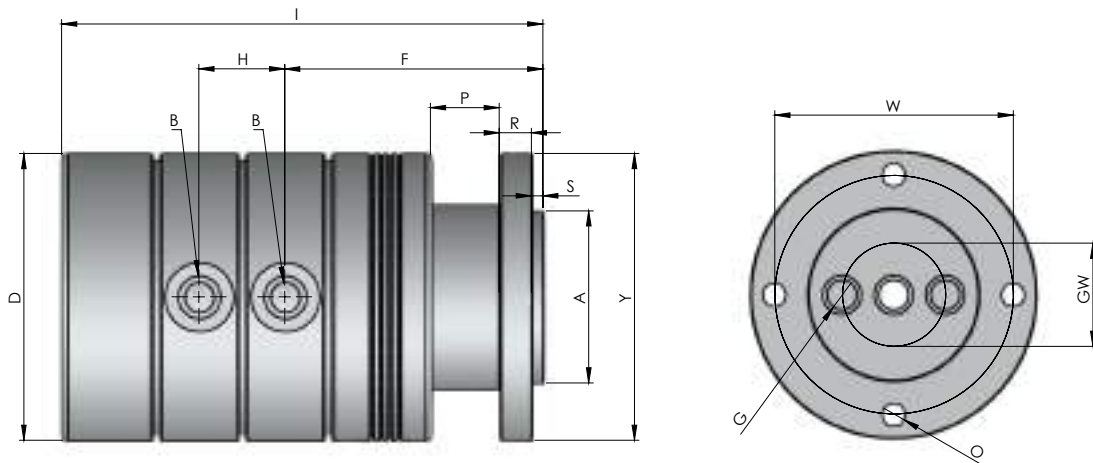
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available

Multi-pass rotary unions.



Do not operate without fluid.

## DIMENSIONS



| BOYUT    | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O    | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|------|-------|
| 2 x 1/4" | M2-32081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50 | 2,40  |
| 2 x 1/4" | M2-32082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50 | 2,40  |
| 2 x 1/4" | M2-32083-200 | 1/4" BSPP | 81  | 54  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50 | 2,40  |
| 2 X 3/8" | M2-32101-200 | 3/8" NPT  | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 4,65  |
| 2 X 3/8" | M2-32102-200 | 3/8" BSP  | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 4,65  |
| 2 X 3/8" | M2-32103-200 | 3/8" BSPP | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 4,65  |
| 2 X 1/2" | M2-32151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10   | 10,85 |
| 2 X 1/2" | M2-32152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10   | 10,85 |
| 2 X 1/2" | M2-32153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10   | 10,85 |

|          |              |           |     |    |    |     |        |       |        |   |    |    |     |    |    |       |
|----------|--------------|-----------|-----|----|----|-----|--------|-------|--------|---|----|----|-----|----|----|-------|
| 2 X 3/4" | M2-32201-200 | 3/4" NPT  | 135 | 85 | 18 | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11 | 12,25 |
| 2 X 3/4" | M2-32202-200 | 3/4" BSP  | 135 | 85 | 18 | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11 | 12,25 |
| 2 X 3/4" | M2-32203-200 | 3/4" BSPP | 135 | 85 | 18 | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11 | 12,25 |



Multiports

# M2-A3



Media Type

**Hydraulic Oil, Air - Vacuum**



Max. Speed

**250 RPM**



Max. Pressure

**100 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**3 x 1/4" - 3 x 3/4"**



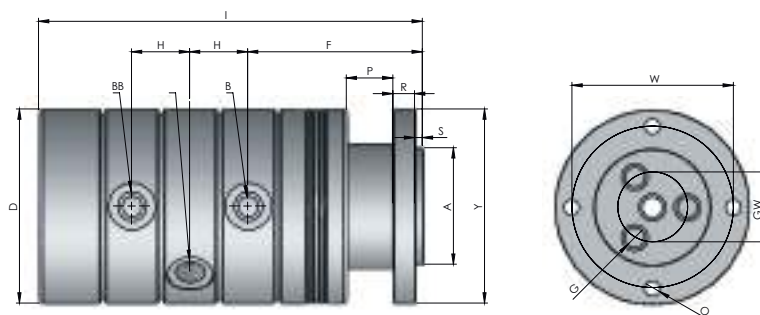
Multi-pass rotary unions.

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O    | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|------|-------|
| 3 X 1/4" | M2-33081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,5  | 2,80  |
| 3 X 1/4" | M2-33082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,5  | 2,80  |
| 3 X 1/4" | M2-33083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,5  | 2,80  |
| 3 x 3/8" | M2-33101-200 | 3/8" NPT  | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 3,10  |
| 3 x 3/8" | M2-33102-200 | 3/8" BSP  | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 3,10  |
| 3 x 3/8" | M2-33103-200 | 3/8" BSPP | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 3,10  |
| 3 X 1/2" | M2-33151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10   | 11,85 |
| 3 X 1/2" | M2-33152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10   | 11,85 |
| 3 X 1/2" | M2-33153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10   | 11,85 |
| 3 X 3/4" | M2-33201-200 | 3/4" NPT  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11   | 14,25 |
| 3 X 3/4" | M2-33202-200 | 3/4" BSP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11   | 14,25 |
| 3 X 3/4" | M2-33203-200 | 3/4" BSPP | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11   | 14,25 |

Multiports

# M2-A4



Multi-passge rotary unions.



Media Type

**Hydraulic Oil, Air - Vacuum**



Max. Speed

**250 RPM**



Max. Pressure

**100 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

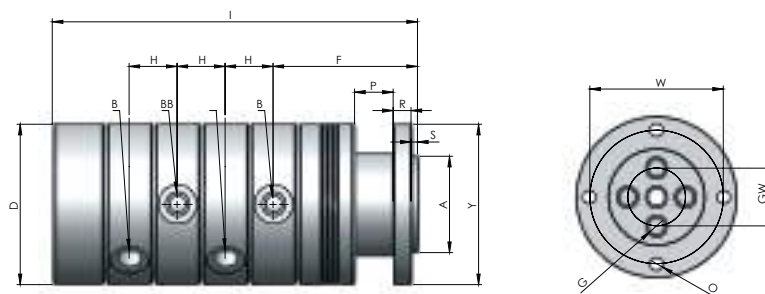
**3 x 1/4" - 3 x 3/4"**

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for diffrent fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O    | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|------|-------|
| 4 X 1/4" | M2-34081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 6,50 | 3,15  |
| 4 X 1/4" | M2-34082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 6,50 | 3,15  |
| 4 X 1/4" | M2-34083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 6,50 | 3,15  |
| 4 X 3/8" | M2-34101-200 | 3/8" NPT  | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50 | 6     |
| 4 X 3/8" | M2-34102-200 | 3/8" BSP  | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,20 | 5 | 20 | 12 | 76  | 24 | 8,50 | 6     |
| 4 X 3/8" | M2-34103-200 | 3/8" BSPP | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50 | 6     |
| 4 X 1/2" | M2-34151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10   | 13,40 |
| 4 X 1/2" | M2-34152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10   | 13,40 |
| 4 X 1/2" | M2-34153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 184,60 | 5 | 30 | 14 | 104 | 45 | 10   | 13,40 |
| 4 X 3/4" | M2-34201-200 | 3/4" NPT  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11   | 16,10 |
| 4 X 3/4" | M2-34202-200 | 3/4" BSP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11   | 16,10 |
| 4 X 3/4" | M2-34203-200 | 3/4" BSPP | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11   | 16,10 |



Multiports

# M2-A5



Media Type

**Hydraulic Oil, Air - Vacuum**



Max. Speed

**250 RPM**



Max. Pressure

**100 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**5 x 1/4" - 5 x 3/4"**



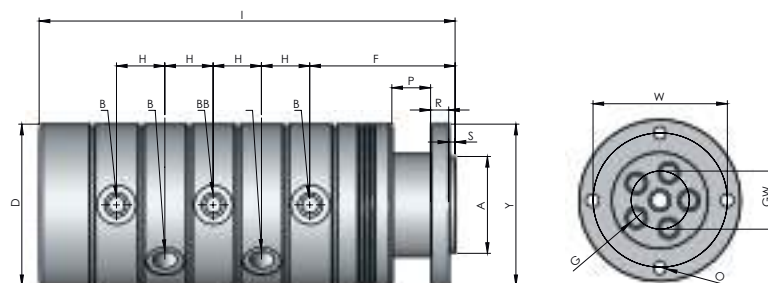
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available

Multi-pass rotary unions.



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O   | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|-----|-------|
| 5 X 1/4" | M2-35081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3 | 20 | 7  | 70  | 20 | 6,5 | 3,5   |
| 5 X 1/4" | M2-35082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3 | 20 | 7  | 70  | 20 | 6,5 | 3,5   |
| 5 X 1/4" | M2-35083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3 | 20 | 7  | 70  | 20 | 6,5 | 3,5   |
| 5 X 3/8" | M2-35101-200 | 3/8" NPT  | 108 | 65  | 10  | 108 | 89     | 30    | 253    | 3 | 20 | 10 | 90  | 28 | 9   | 8     |
| 5 X 3/8" | M2-35102-200 | 3/8" BSP  | 108 | 65  | 10  | 108 | 89     | 30    | 253    | 3 | 20 | 10 | 90  | 28 | 9   | 8     |
| 5 X 3/8" | M2-35103-200 | 3/8" BSPP | 108 | 65  | 10  | 180 | 89     | 30    | 253    | 3 | 20 | 10 | 90  | 28 | 9   | 8     |
| 5 X 1/2" | M2-35151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5 | 30 | 14 | 104 | 45 | 10  | 14,95 |
| 5 X 1/2" | M2-35152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5 | 30 | 14 | 104 | 45 | 10  | 14,95 |
| 5 X 1/2" | M2-35153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5 | 30 | 14 | 104 | 45 | 10  | 14,95 |
| 5 X 3/4" | M2-35201-200 | 3/4" NPT  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 373,70 | 5 | 45 | 13 | 139 | 60 | 11  | 29,50 |
| 5 X 3/4" | M2-35202-200 | 3/4" BSP  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 373,70 | 5 | 45 | 13 | 139 | 60 | 11  | 29,50 |
| 5 X 3/4" | M2-35203-200 | 3/4" BSPP | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 373,70 | 5 | 45 | 13 | 139 | 60 | 11  | 29,50 |



Multiports

# M2-A6



Media Type

**Hydraulic Oil, Air - Vacuum**



Max. Speed

**250 RPM**



Max. Pressure

**100 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**6x 1/4" - 6 x 3/4"**



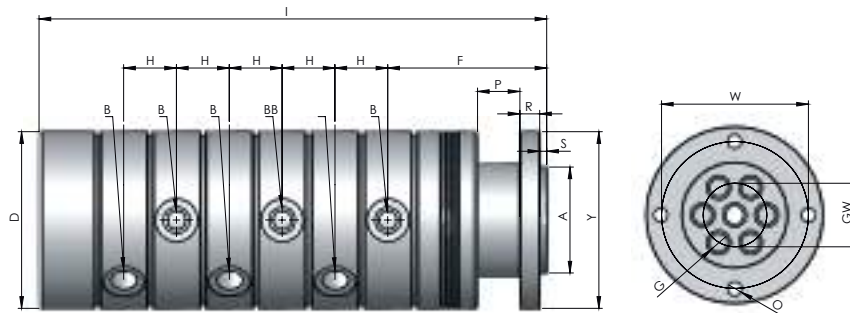
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available

Multi-pass rotary unions.



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O  | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|----|-------|
| 6 X 1/4" | M2-36081-200 | 1/4" NPT  | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9  | 9,30  |
| 6 X 1/4" | M2-36082-200 | 1/4" BSP  | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9  | 9,30  |
| 6 X 1/4" | M2-36083-200 | 1/4" BSPP | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9  | 9,30  |
| 6 X 3/8" | M2-36101-200 | 3/8" NPT  | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9  | 9,80  |
| 6 X 3/8" | M2-36102-200 | 3/8" BSP  | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9  | 9,80  |
| 6 X 3/8" | M2-36103-200 | 3/8" BSPP | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9  | 9,80  |
| 6 X 1/2" | M2-36151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10 | 16,40 |
| 6 X 1/2" | M2-36152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10 | 16,40 |
| 6 X 1/2" | M2-36153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10 | 16,40 |
| 6 X 3/4" | M2-36201-200 | 3/4" NPT  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,10 | 5 | 45 | 13 | 139 | 60 | 11 | 32,40 |
| 6 X 3/4" | M2-36202-200 | 3/4" BSP  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,10 | 5 | 45 | 13 | 139 | 60 | 11 | 32,40 |
| 6 X 3/4" | M2-36203-200 | 3/4" BSPP | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,10 | 5 | 45 | 13 | 139 | 60 | 11 | 32,40 |



Multiports

# M2-A8



Media Type

**Hydraulic Oil, Air - Vacuum**



Max. Speed

**250 RPM**



Max. Pressure

**100 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**8 x 1/4" - 8 x 3/4"**



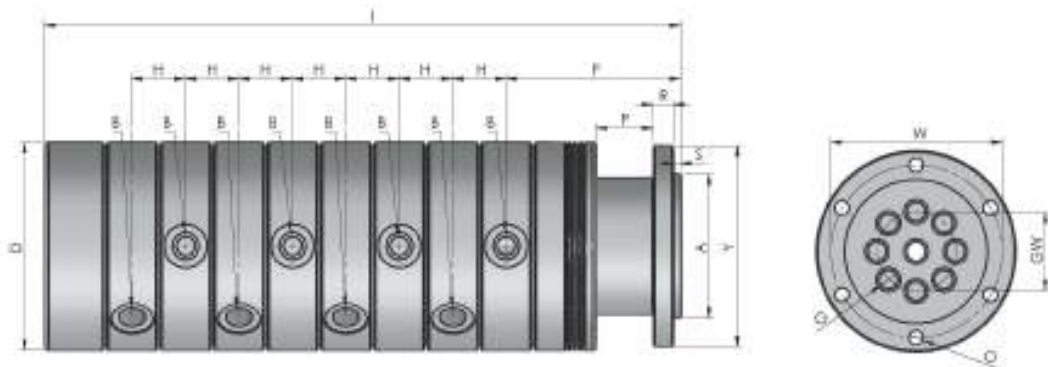
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available

Multi-passage rotary unions



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F     | H     | I      | S | P  | R  | W   | GW | O  | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|-------|-------|--------|---|----|----|-----|----|----|-------|
| 8 X 1/4" | M2-38081-200 | 1/4" NPT  | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 10,85 |
| 8 X 1/4" | M2-38082-200 | 1/4" BSP  | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 10,85 |
| 8 X 1/4" | M2-38083-200 | 1/4" BSPP | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 10,85 |
| 8 X 3/8" | M2-38101-200 | 3/8" NPT  | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 16,05 |
| 8 X 3/8" | M2-38102-200 | 3/8" BSP  | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 16,05 |
| 8 X 3/8" | M2-38103-200 | 3/8" BSPP | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 16,05 |
| 8 X 1/2" | M2-38151-200 | 1/2" NPT  | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 27,40 |
| 8 X 1/2" | M2-38152-200 | 1/2" BSP  | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 27,40 |
| 8 X 1/2" | M2-38153-200 | 1/2" BSPP | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 27,40 |
| 8 X 3/4" | M2-38201-200 | 3/4" NPT  | 225 | 165 | 18  | 225 | 151   | 43,40 | 521    | 5 | 58 | 13 | 200 | 80 | 11 | 75,30 |
| 8 X 3/4" | M2-38202-200 | 3/4" BSP  | 225 | 165 | 18  | 225 | 151   | 43,40 | 521    | 5 | 58 | 13 | 200 | 80 | 11 | 75,30 |
| 8 X 3/4" | M2-38203-200 | 3/4" BSPP | 225 | 165 | 18  | 225 | 151   | 43,40 | 521    | 5 | 58 | 13 | 200 | 80 | 11 | 75,30 |



Multiports

# M2-A10



Media Type

**Hydraulic Oil, Air - Vacuum**



Max. Speed

**150 RPM**



Max. Pressure

**60 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**10 x 1/4" - 10 x 3/4"**



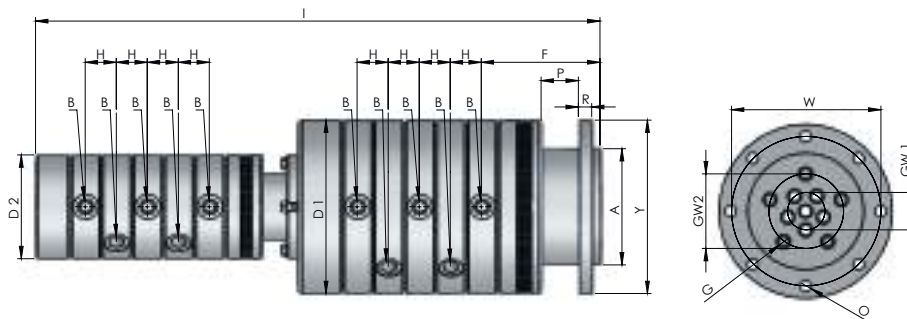
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available

Multi-pass rotary unions.



Do not operate without fluid.

## DIMENSIONS



| SIZE      | MODEL NO      | B         | Y Ø | A Ø | G Ø | D Ø       | F      | H             | I      | S  | P  | R  | W   | GW       | O  | KG     |
|-----------|---------------|-----------|-----|-----|-----|-----------|--------|---------------|--------|----|----|----|-----|----------|----|--------|
| 10 X 1/4" | M2-310081-200 | 1/4" NPT  | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478    | 7  | 42 | 12 | 130 | 20 / 55  | 9  | 22     |
| 10 X 1/4" | M2-310082-200 | 1/4" BSP  | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478    | 7  | 42 | 12 | 130 | 20 / 56  | 9  | 22     |
| 10 X 1/4" | M2-310083-200 | 1/4" BSPP | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478    | 7  | 42 | 12 | 130 | 20 / 56  | 9  | 22     |
| 10 X 3/8" | M2-310101-200 | 3/8" NPT  | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558    | 10 | 40 | 15 | 165 | 28 / 70  | 11 | 38,50  |
| 10 X 3/8" | M2-310102-200 | 3/8" BSP  | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558    | 10 | 40 | 15 | 165 | 28 / 70  | 11 | 38,50  |
| 10 X 3/8" | M2-310103-200 | 3/8" BSPP | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558    | 10 | 40 | 15 | 165 | 28 / 70  | 11 | 38,50  |
| 10 X 1/2" | M2-310151-200 | 1/2" NPT  | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 65,60  |
| 10 X 1/2" | M2-310152-200 | 1/2" BSP  | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 65,60  |
| 10 X 1/2" | M2-310153-200 | 1/2" BSPP | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 65,60  |
| 10 X 3/4" | M2-310201-200 | 3/4" NPT  | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40         | 795,75 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 118,60 |
| 10 X 3/4" | M2-310202-200 | 3/4" BSP  | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40         | 795,75 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 118,60 |
| 10 X 3/4" | M2-310203-200 | 3/4" BSPP | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40         | 795,75 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 118,60 |



Multiport

# M2-A12



Akışkan Tipi

Hidrolik Yağ, Hava - Vakum



Maks. Hız

150 RPM



Maks. Basing

60 BAR



Maks. Sıcaklık

80 °C



Bağlantı Tipi

NPT, BSPP, BSPT



Rotor Ölçüsü

12 x 1/4" - 12 x 3/4"

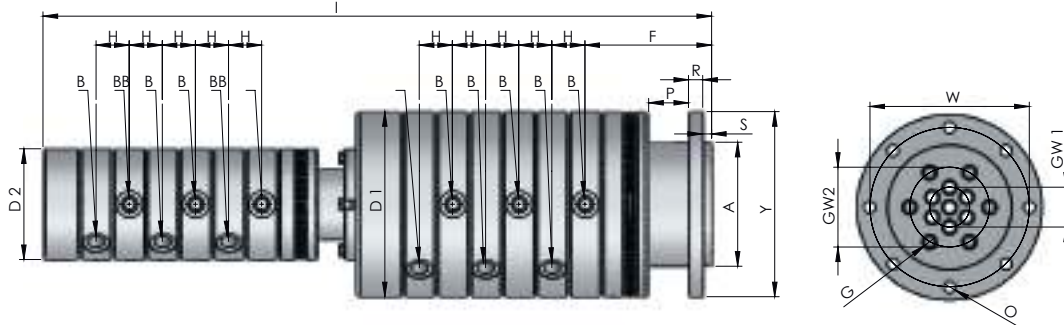
- ✓ Flanşlı, önden çıkışlı
- ✓ Çelik şaft
- ✓ Özel tasarım akışkana göre sızdırmazlık elemanları
- ✓ Krom kaplı iç sızdırmazlık yüzeyleri
- ✓ Alüminyum gövde
- ✓ Korozyona, toza, kire dayanıklı kaplama
- ✓ Düşük kaliteli akışkanlarda bile sorunsuz çalışma

Çoklu döner sızdırmazlık elemanı.



Akışkan olmadan çalıştırmayın.

## ÖLÇÜLER



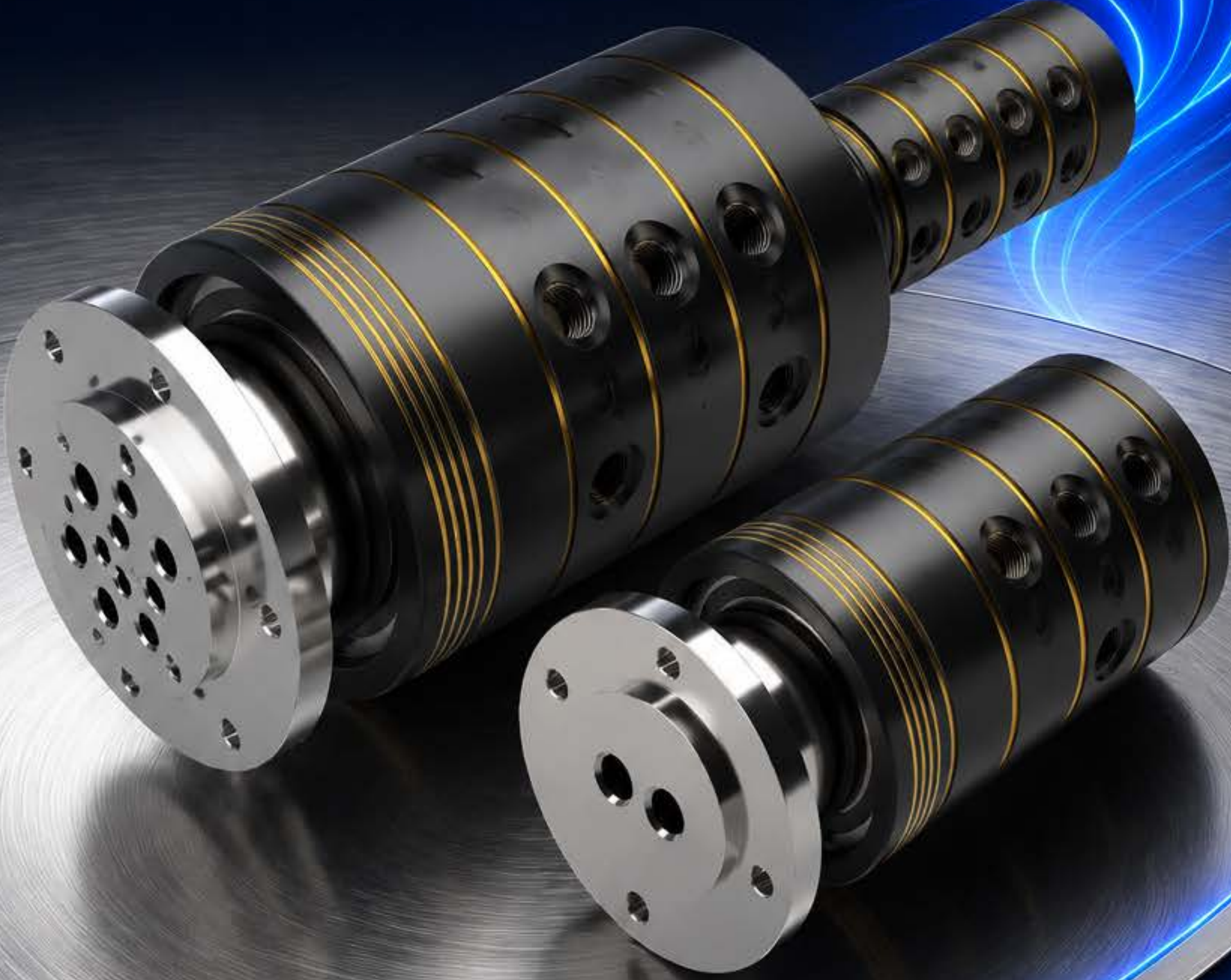
| BOYUT     | MODEL NO      | B         | Y Ø | A Ø | G Ø | D Ø       | F      | H     | I      | S  | P  | R  | W   | GW       | O  | KG     |
|-----------|---------------|-----------|-----|-----|-----|-----------|--------|-------|--------|----|----|----|-----|----------|----|--------|
| 12 X 1/4" | M2-312081-200 | 1/4" NPT  | 180 | 120 | 7   | 180 / 108 | 121,50 | 25,40 | 577    | 7  | 42 | 12 | 160 | 38 / 70  | 9  | 42,60  |
| 12 X 1/4" | M2-312082-200 | 1/4" BSP  | 180 | 120 | 7   | 180 / 108 | 121,50 | 25,40 | 577    | 7  | 42 | 12 | 160 | 38 / 70  | 9  | 42,60  |
| 12 X 1/4" | M2-312083-200 | 1/4" BSPP | 180 | 120 | 7   | 180 / 108 | 121,50 | 25,40 | 577    | 7  | 42 | 12 | 160 | 38 / 70  | 9  | 42,60  |
| 12 X 3/8" | M2-312101-200 | 3/8" NPT  | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622    | 10 | 40 | 15 | 165 | 36 / 70  | 11 | 42,60  |
| 12 X 3/8" | M2-312102-200 | 3/8" BSP  | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622    | 10 | 40 | 15 | 165 | 36 / 70  | 11 | 42,60  |
| 12 X 3/8" | M2-312103-200 | 3/8" BSPP | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622    | 10 | 40 | 15 | 165 | 36 / 70  | 11 | 42,60  |
| 12 X 1/2" | M2-312151-200 | 1/2" NPT  | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 70,70  |
| 12 X 1/2" | M2-312152-200 | 1/2" BSP  | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 71,70  |
| 12 X 1/2" | M2-312153-200 | 1/2" BSPP | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 71,70  |
| 12 X 3/4" | M2-312201-200 | 3/4" NPT  | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40 | 882,55 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 128,85 |
| 12 X 3/4" | M2-312202-200 | 3/4" BSP  | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40 | 882,55 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 128,85 |
| 12 X 3/4" | M2-312203-200 | 3/4" BSPP | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40 | 882,55 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 128,85 |





# ROTOTECH ROTARY JOINTS

— **M2 SERIES** —  
MULTI-PASSAGE TECHNOLOGY



**M2**  
SERIES



# M2-C2



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum**



Max. Speed

**500 RPM**



Max. Pressure

**490 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**2 x 1/4" - 2 x 1 1/2"**



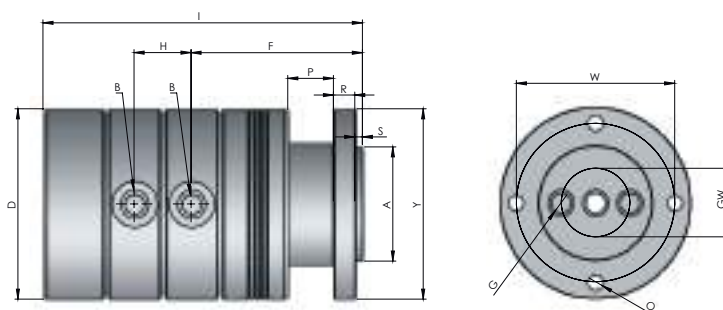
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available

Multi-pass rotary unions.



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O     | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|-------|-------|
| 2 x 1/4" | M2-12081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50  | 3,80  |
| 2 x 1/4" | M2-12082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50  | 3,80  |
| 2 x 1/4" | M2-12083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50  | 3,80  |
| 2 X 3/8" | M2-12101-200 | 3/8"NPT   | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50  | 4,40  |
| 2 X 3/8" | M2-12102-200 | 3/8"BSP   | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50  | 4,40  |
| 2 X 3/8" | M2-12103-200 | 3/8"BSPP  | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50  | 4,40  |
| 2 X 1/2" | M2-12151-200 | 1/2"NPT   | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10    | 14,70 |
| 2 X 1/2" | M2-12152-200 | 1/2"BSP   | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10    | 14,70 |
| 2 X 1/2" | M2-12153-200 | 1/2"BSPP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10    | 14,70 |
| 2 X 3/4" | M2-12201-200 | 3/4"NPT   | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11    | 18,10 |
| 2 X 3/4" | M2-12202-200 | 3/4"BSP   | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11    | 18,10 |
| 2 X 3/4" | M2-12203-200 | 3/4"BSPP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11    | 18,10 |
| 2 X 1"   | M2-12251-200 | 1"NPT     | 164 | 100 | 22  | 164 | 152,50 | 50,40 | 275,50 | 7 | 55 | 16 | 138 | 55 | 13,50 | 33    |



|            |              |            |     |     |    |     |        |       |        |    |    |    |     |     |       |        |
|------------|--------------|------------|-----|-----|----|-----|--------|-------|--------|----|----|----|-----|-----|-------|--------|
| 2 X 1"     | M2-12252-200 | 1"BSP      | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 275,50 | 7  | 55 | 16 | 138 | 55  | 13,50 | 33     |
| 2 X 1"     | M2-12253-200 | 1"BSPP     | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 275,50 | 7  | 55 | 16 | 138 | 55  | 13,50 | 33     |
| 2 X 1 1/4" | M2-12321-200 | 1 1/4"NPT  | 230 | 150 | 28 | 230 | 167,10 | 65    | 317    | 7  | 55 | 20 | 180 | 85  | 13,50 | 78     |
| 2 X 1 1/4" | M2-12322-200 | 1 1/4"BSP  | 230 | 150 | 28 | 230 | 167,10 | 65    | 317    | 7  | 55 | 20 | 180 | 85  | 13,50 | 78     |
| 2 X 1 1/4" | M2-12323-200 | 1 1/4"BSPP | 230 | 150 | 28 | 230 | 167,10 | 65    | 317    | 7  | 55 | 20 | 180 | 85  | 13,50 | 78     |
| 2 X 1 1/2" | M2-12401-200 | 1 1/2"NPT  | 258 | 190 | 38 | 80  | 198,40 | 78,40 | 390    | 10 | 55 | 20 | 220 | 105 | 15,50 | 123,25 |
| 2 X 1 1/2" | M2-12402-200 | 1 1/2"BSP  | 258 | 190 | 38 | 80  | 198,40 | 78,40 | 390    | 10 | 55 | 20 | 220 | 105 | 15,50 | 123,25 |
| 2 X 1 1/2" | M2-12403-200 | 1 1/2"BSPP | 258 | 190 | 38 | 80  | 198,40 | 78,40 | 390    | 10 | 55 | 20 | 220 | 105 | 15,50 | 123,25 |



Multiports

# M2-C3



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum**



Max. Speed

**500 RPM**



Max. Pressure

**490 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**3 x 1/4" - 3x 1 1/2"**



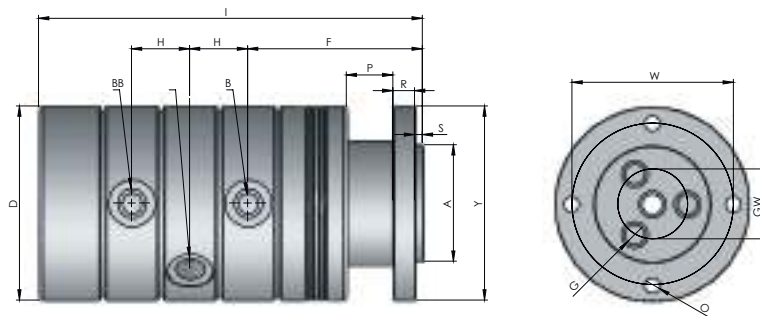
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available

Multi-pass rotary unions.



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O     | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|-------|-------|
| 3 X 1/4" | M2-13081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,50  | 4,65  |
| 3 X 1/4" | M2-13082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,50  | 4,65  |
| 3 X 1/4" | M2-13083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,50  | 4,65  |
| 3 x 3/8" | M2-13101-200 | 3/8" NPT  | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50  | 5,30  |
| 3 x 3/8" | M2-13102-200 | 3/8" BSP  | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50  | 5,30  |
| 3 x 3/8" | M2-13103-200 | 3/8" BSPP | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50  | 5,30  |
| 3 X 1/2" | M2-13151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10    | 17,60 |
| 3 X 1/2" | M2-13152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10    | 17,60 |
| 3 X 1/2" | M2-13152-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10    | 17,60 |
| 3 X 3/4" | M2-13201-200 | 3/4" NPT  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11    | 21,85 |
| 3 X 3/4" | M2-13202-200 | 3/4" BSP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11    | 21,85 |
| 3 X 3/4" | M2-13203-200 | 3/4" BSPP | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11    | 21,85 |
| 3 X 1"   | M2-13251-200 | 1" NPT    | 164 | 100 | 22  | 164 | 152,50 | 50,40 | 326    | 7 | 55 | 16 | 138 | 55 | 13,50 | 39    |

|            |              |             |     |     |    |     |        |       |        |    |    |    |     |     |       |       |
|------------|--------------|-------------|-----|-----|----|-----|--------|-------|--------|----|----|----|-----|-----|-------|-------|
| 3 X 1"     | M2-13252-200 | 1" BSP      | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 326    | 7  | 55 | 16 | 138 | 55  | 13,50 | 39    |
| 3 X 1"     | M2-13250-200 | 1" BSPP     | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 326    | 7  | 55 | 16 | 138 | 55  | 13,50 | 39    |
| 3 X 1 1/4" | M2-13321-200 | 1 1/2" NPT  | 230 | 150 | 28 | 230 | 167,10 | 65    | 382,40 | 7  | 55 | 20 | 180 | 85  | 13,50 | 94,50 |
| 3 X 1 1/4" | M2-13322-200 | 1 1/4" BSP  | 230 | 150 | 28 | 230 | 167,10 | 65    | 382,40 | 7  | 55 | 20 | 180 | 85  | 13,50 | 94,50 |
| 3 X 1 1/4" | M2-13323-200 | 1 1/4" BSPP | 230 | 150 | 28 | 230 | 167,10 | 65    | 382,40 | 7  | 55 | 20 | 180 | 85  | 13,50 | 94,50 |
| 3 X 1 1/2" | M2-13401-200 | 1 1/2" NPT  | 258 | 190 | 38 | 258 | 198,40 | 78,40 | 468,60 | 10 | 55 | 20 | 220 | 105 | 15,50 | 147   |
| 3 X 1 1/2" | M2-13402-200 | 1 1/2" BSP  | 258 | 190 | 28 | 258 | 198,40 | 78,40 | 468,60 | 10 | 55 | 20 | 220 | 105 | 15,50 | 147   |
| 3 X 1 1/2" | M2-13403-200 | 1 1/2" BSPP | 258 | 190 | 28 | 258 | 198,40 | 78,40 | 468,60 | 10 | 55 | 20 | 220 | 105 | 15,50 | 147   |



Multiports

# M2-C4



Multi-pass rotary unions.



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum**



Max. Speed

**500 RPM**



Max. Pressure

**490 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

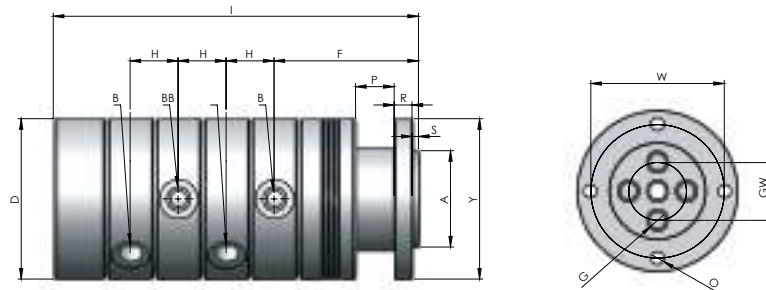
**4 x 1/4" 4 x 1 11/2"**

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



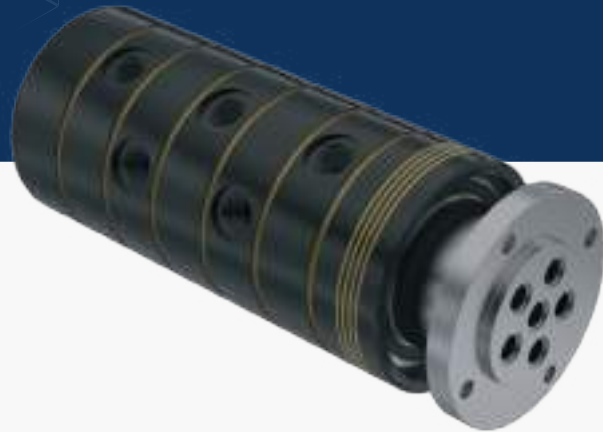
| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O     | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|-------|-------|
| 4 X 1/4" | M2-14081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 6,50  | 5,40  |
| 4 X 1/4" | M2-14082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 6,50  | 5,40  |
| 4 X 1/4" | M2-14083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 6,50  | 5,40  |
| 4 X 3/8" | M2-14101-200 | 3/8" NPT  | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50  | 10    |
| 4 X 3/8" | M2-14102-200 | 3/8" BSP  | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50  | 10    |
| 4 X 3/8" | M2-14103-200 | 3/8" BSPP | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50  | 10    |
| 4 X 1/2" | M2-14151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10    | 20,40 |
| 4 X 1/2" | M2-14152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10    | 20,40 |
| 4 X 1/2" | M2-14153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10    | 20,40 |
| 4 X 3/4" | M2-14201-200 | 3/4" NPT  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11    | 25,50 |
| 4 X 3/4" | M2-14202-200 | 3/4" BSP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11    | 25,50 |
| 4 X 3/4" | M2-14203-200 | 3/4" BSPP | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11    | 25,50 |
| 3 X 1"   | M2-14251-200 | 1" NPT    | 164 | 100 | 22  | 164 | 152,50 | 50,40 | 376    | 7 | 55 | 16 | 138 | 55 | 13,50 | 45,30 |
| 3 X 1"   | M2-14252-200 | 1" BSP    | 164 | 100 | 22  | 164 | 152,50 | 50,40 | 376    | 7 | 55 | 16 | 138 | 55 | 13,50 | 45,30 |

|            |              |             |     |     |    |     |        |       |        |    |    |    |     |     |       |        |
|------------|--------------|-------------|-----|-----|----|-----|--------|-------|--------|----|----|----|-----|-----|-------|--------|
| 3 X 1"     | M2-14253-200 | 1" BSPP     | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 376    | 7  | 55 | 16 | 138 | 55  | 13,50 | 45,30  |
| 4 X 1 1/4" | M2-14321-200 | 1 1/4" NPT  | 230 | 150 | 28 | 230 | 167,10 | 65    | 447,50 | 7  | 55 | 20 | 180 | 85  | 13,50 | 110,50 |
| 4 X 1 1/4" | M2-14322-200 | 1 1/4" BSP  | 230 | 150 | 28 | 230 | 167,10 | 65    | 447,50 | 7  | 55 | 20 | 180 | 85  | 13,50 | 110,50 |
| 4 X 1 1/4" | M2-14323-200 | 1 1/4" BSPP | 230 | 150 | 28 | 230 | 167,10 | 65    | 447,50 | 7  | 55 | 20 | 180 | 85  | 13,50 | 110,50 |
| 4 X 1 1/2" | M2-14401-200 | 1 1/2" NPT  | 258 | 190 | 38 | 80  | 198,40 | 78,40 | 547    | 10 | 55 | 20 | 220 | 105 | 15,50 | 170    |
| 4 X 1 1/2" | M2-14402-200 | 1 1/2" BSP  | 258 | 190 | 38 | 80  | 198,40 | 78,40 | 547    | 10 | 55 | 20 | 220 | 105 | 15,50 | 170    |
| 4 X 1 1/2" | M2-14403-200 | 1 1/2" BSPP | 258 | 190 | 38 | 80  | 198,40 | 78,40 | 547    | 10 | 55 | 20 | 220 | 105 | 15,50 | 170    |



Multiports

# M2-C5



Multi-passage rotary unions.



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum**



Max. Pressure

**490 BAR**



Max. Speed

**500 RPM**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

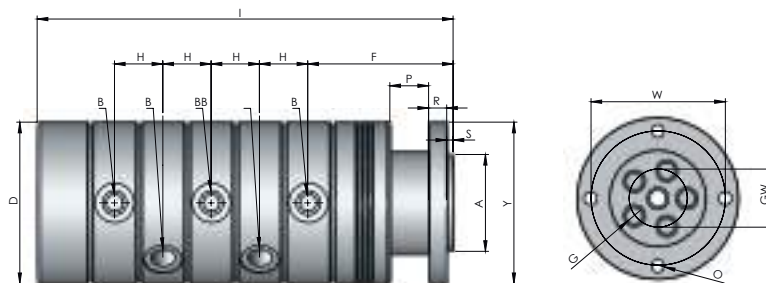
**5x 1/4" - 5 x 1 1/2"**

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O     | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|-------|-------|
| 5 X 1/4" | M2-15081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3 | 20 | 7  | 70  | 20 | 6,50  | 6,15  |
| 5 X 1/4" | M2-15082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3 | 20 | 7  | 70  | 20 | 6,50  | 6,15  |
| 5 X 1/4" | M2-15083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3 | 20 | 7  | 70  | 20 | 6,50  | 6,15  |
| 5 X 3/8" | M2-15101-200 | 3/8" NPT  | 108 | 65  | 10  | 108 | 89     | 30    | 253    | 3 | 20 | 10 | 90  | 28 | 9     | 14,50 |
| 5 X 3/8" | M2-15102-200 | 3/8" BSP  | 108 | 65  | 10  | 108 | 89     | 30    | 253    | 3 | 20 | 10 | 90  | 28 | 9     | 14,50 |
| 5 X 3/8" | M2-15103-200 | 3/8" BSPP | 108 | 65  | 10  | 108 | 89     | 30    | 253    | 3 | 20 | 10 | 90  | 28 | 9     | 14,50 |
| 5 X 1/2" | M2-15151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5 | 30 | 14 | 104 | 45 | 10    | 23,25 |
| 5 X 1/2" | M2-15152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5 | 30 | 14 | 104 | 45 | 10    | 23,25 |
| 5 X 1/2" | M2-15153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5 | 30 | 14 | 104 | 45 | 10    | 23,25 |
| 5 X 3/4" | M2-15201-200 | 3/4" NPT  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 373,70 | 5 | 45 | 13 | 139 | 60 | 11    | 46,85 |
| 5 X 3/4" | M2-15202-200 | 3/4" BSP  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 373,70 | 5 | 45 | 13 | 139 | 60 | 11    | 46,85 |
| 5 X 3/4" | M2-15203-200 | 3/4" BSPP | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 373,70 | 5 | 45 | 13 | 139 | 60 | 11    | 46,85 |
| 5 X 1"   | M2-15251-200 | 1" NPT    | 190 | 110 | 22  | 190 | 143,40 | 50,40 | 411,30 | 7 | 55 | 16 | 165 | 60 | 13,50 | 67,60 |

|            |              |             |     |     |    |     |        |       |        |    |    |    |     |     |       |        |
|------------|--------------|-------------|-----|-----|----|-----|--------|-------|--------|----|----|----|-----|-----|-------|--------|
| 5 X 1"     | M2-15252-200 | 1" BSP      | 190 | 110 | 22 | 190 | 143,40 | 50,40 | 411,30 | 7  | 55 | 16 | 165 | 60  | 13,50 | 67,60  |
| 5 X 1"     | M2-15253-200 | 1" BSPP     | 190 | 110 | 22 | 190 | 143,40 | 50,40 | 411,30 | 7  | 55 | 16 | 165 | 60  | 13,50 | 67,60  |
| 5 X 1 1/4" | M2-15321-200 | 1 1/4" NPT  | 230 | 150 | 28 | 230 | 167,10 | 65    | 512,60 | 7  | 55 | 20 | 180 | 85  | 13,50 | 126,25 |
| 5 X 1 1/4" | M2-15322-200 | 1 1/4" BSP  | 230 | 150 | 28 | 230 | 167,10 | 65    | 512,60 | 7  | 55 | 20 | 180 | 85  | 13,50 | 126,25 |
| 5 X 1 1/4" | M2-15323-200 | 1 1/4" BSPP | 230 | 150 | 28 | 230 | 167,10 | 65    | 512,60 | 7  | 55 | 20 | 180 | 85  | 13,50 | 126,25 |
| 5 X 1 1/2" | M2-15401-200 | 1 1/2" NPT  | 258 | 190 | 38 | 80  | 198,40 | 78,40 | 625,40 | 10 | 55 | 20 | 220 | 105 | 15,50 | 192,70 |
| 5 X 1 1/2" | M2-15402-200 | 1 1/2" BSP  | 258 | 190 | 38 | 80  | 198,40 | 78,40 | 625,40 | 10 | 55 | 20 | 220 | 105 | 15,50 | 192,70 |
| 5 X 1 1/2" | M2-15403-200 | 1 1/2" BSPP | 258 | 190 | 38 | 80  | 198,40 | 78,40 | 625,40 | 10 | 55 | 20 | 220 | 105 | 15,50 | 192,70 |



Multiports

# M2-C6



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum**



Max. Speed

**500 RPM**



Max. Pressure

**490 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**6 x 1/4" - 6 x 1 1/2"**



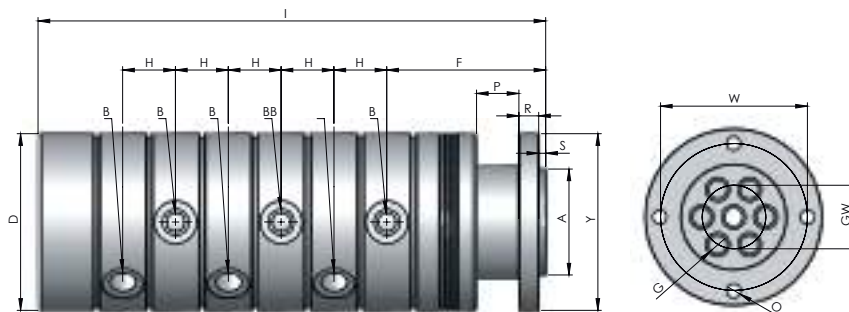
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available

Multi-pass rotary unions.



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O     | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|-------|-------|
| 6 X 1/4" | M2-16081-200 | 1/4" NPT  | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9     | 14,70 |
| 6 X 1/4" | M2-16082-200 | 1/4" BSP  | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9     | 14,70 |
| 6 X 1/4" | M2-16083-200 | 1/4" BSPP | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9     | 14,70 |
| 6 X 3/8" | M2-16101-200 | 3/8" NPT  | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9     | 16,30 |
| 6 X 3/8" | M2-16102-200 | 3/8" BSP  | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9     | 16,30 |
| 6 X 3/8" | M2-16103-200 | 3/8" BSPP | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9     | 16,30 |
| 6 X 1/2" | M2-16151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10    | 26    |
| 6 X 1/2" | M2-16152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10    | 26    |
| 6 X 1/2" | M2-16153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10    | 26    |
| 6 X 3/4" | M2-16201-200 | 3/4" NPT  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,40 | 5 | 45 | 13 | 139 | 60 | 11    | 52,45 |
| 6 X 3/4" | M2-16202-200 | 3/4" BSP  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,40 | 5 | 45 | 13 | 139 | 60 | 11    | 52,45 |
| 6 X 3/4" | M2-16203-200 | 3/4" BSPP | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,40 | 5 | 45 | 13 | 139 | 60 | 11    | 52,45 |
| 6 X 1"   | M2-16251-200 | 1" NPT    | 190 | 110 | 22  | 190 | 143,40 | 50,40 | 462    | 7 | 55 | 16 | 165 | 60 | 13,50 | 76    |

|            |              |              |     |     |    |     |        |       |        |    |    |    |     |     |       |        |
|------------|--------------|--------------|-----|-----|----|-----|--------|-------|--------|----|----|----|-----|-----|-------|--------|
| 6 X 1"     | M2-16252-200 | 1" BSP       | 190 | 110 | 22 | 190 | 143,40 | 50,40 | 462    | 7  | 55 | 16 | 165 | 60  | 13,50 | 76     |
| 6 X 1"     | M2-16253-200 | 1" BSPP      | 190 | 110 | 22 | 190 | 143,40 | 50,40 | 462    | 7  | 55 | 16 | 165 | 60  | 13,50 | 76     |
| 6 X 1 1/4" | M2-16321-200 | 1 1/4" NPT   | 230 | 150 | 28 | 230 | 167,10 | 65    | 577,70 | 7  | 55 | 20 | 180 | 85  | 13,50 | 141,75 |
| 6 X 1 1/4" | M2-16322-200 | 1 1/4" BSP   | 230 | 150 | 28 | 230 | 167,10 | 65    | 577,70 | 7  | 55 | 20 | 180 | 85  | 13,50 | 141,75 |
| 6 X 1 1/4" | M2-16323-200 | 1 1/4" B SPP | 230 | 150 | 28 | 230 | 167,10 | 65    | 577,70 | 7  | 55 | 20 | 180 | 85  | 13,50 | 141,75 |
| 6 x 1 1/2" | M2-16401-200 | 1 1/2" NPT   | 280 | 220 | 38 | 280 | 212,60 | 82,60 | 753,20 | 10 | 55 | 20 | 250 | 120 | 17,50 | 280    |
| 6 x 1 1/2" | M2-16402-200 | 1 1/2" BSP   | 280 | 220 | 38 | 280 | 212,60 | 82,60 | 753,20 | 10 | 55 | 20 | 250 | 120 | 17,50 | 280    |
| 6 x 1 1/2" | M2-16403-200 | 1 1/2" BSPP  | 280 | 220 | 38 | 280 | 212,60 | 82,60 | 753,20 | 10 | 55 | 20 | 250 | 120 | 17,50 | 280    |



Multiports

# M2-C8



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum**



Max. Speed

**500 RPM**



Max. Pressure

**490 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**8x 1/4" - 8x 1 1/4"**



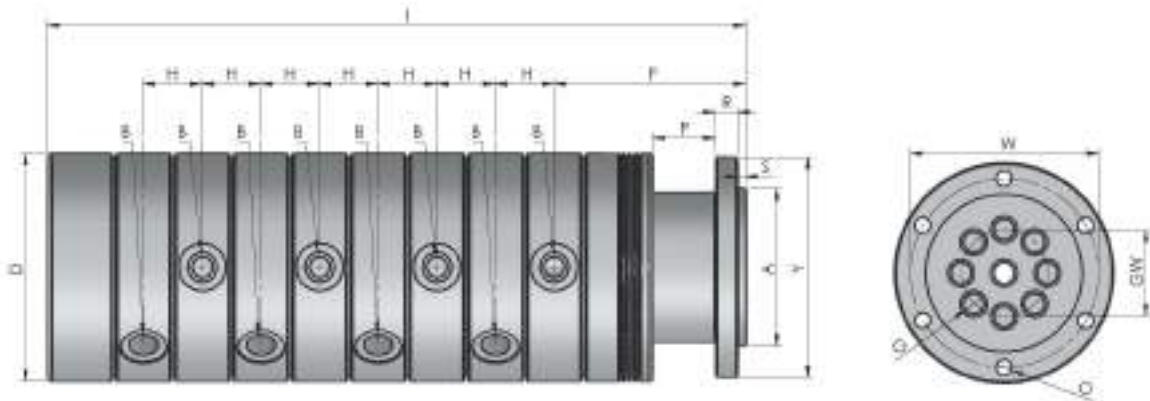
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available

Multi-passageway rotary unions



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F     | H     | I      | S | P  | R  | W   | GW | O  | KG     |
|----------|--------------|-----------|-----|-----|-----|-----|-------|-------|--------|---|----|----|-----|----|----|--------|
| 8 X 1/4" | M2-18081-200 | 1/4" NPT  | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 17,60  |
| 8 X 1/4" | M2-18082-200 | 1/4" BSP  | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 17,60  |
| 8 X 1/4" | M2-18083-200 | 1/4" BSPP | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 17,60  |
| 8 X 3/8" | M2-18101-200 | 3/8" NPT  | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 27,10  |
| 8 X 3/8" | M2-18102-200 | 3/8" BSP  | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 27,10  |
| 8 X 3/8" | M2-18103-200 | 3/8" BSPP | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 27,10  |
| 8 X 1/2" | M2-18151-200 | 1/2" NPT  | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 44,35  |
| 8 X 1/2" | M2-18152-200 | 1/2" BSP  | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 44,35  |
| 8 X 1/2" | M2-18153-200 | 1/2" BSPP | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 44,35  |
| 8 X 3/4" | M2-18201-200 | 3/4" NPT  | 225 | 165 | 18  | 225 | 151   | 43,40 | 521    | 5 | 58 | 13 | 200 | 80 | 11 | 125,20 |
| 8 X 3/4" | M2-18202-200 | 3/4" BSP  | 225 | 165 | 18  | 225 | 151   | 43,40 | 521    | 5 | 58 | 13 | 200 | 80 | 11 | 125,20 |
| 8 X 3/4" | M2-18203-200 | 3/4" BSPP | 225 | 165 | 18  | 225 | 151   | 43,40 | 521    | 5 | 58 | 13 | 200 | 80 | 11 | 125,20 |

|            |              |             |     |     |    |     |        |       |        |    |    |    |     |     |       |        |
|------------|--------------|-------------|-----|-----|----|-----|--------|-------|--------|----|----|----|-----|-----|-------|--------|
| 8 X 1"     | M2-18251-200 | 1" NPT      | 229 | 140 | 22 | 229 | 153,40 | 50,40 | 575,50 | 10 | 55 | 20 | 200 | 90  | 13,50 | 142,35 |
| 8 X 1"     | M2-18252-200 | 1" BSP      | 229 | 140 | 22 | 229 | 153,40 | 50,40 | 575,50 | 10 | 55 | 20 | 200 | 90  | 13,50 | 142,35 |
| 8 X 1"     | M2-18253-200 | 1" BSPP     | 229 | 140 | 22 | 229 | 153,40 | 50,40 | 575,50 | 10 | 55 | 20 | 200 | 90  | 13,50 | 142,35 |
| 8 X 1 1/4" | M2-18321-200 | 1 1/4" NPT  | 310 | 230 | 28 | 310 | 175    | 65    | 721    | 10 | 55 | 20 | 273 | 130 | 17,50 | 342,80 |
| 8 X 1 1/4" | M2-18322-200 | 1 1/4" BSP  | 310 | 230 | 28 | 310 | 175    | 65    | 721    | 10 | 55 | 20 | 273 | 130 | 17,50 | 342,80 |
| 8 X 1 1/4" | M2-18323-200 | 1 1/4" BSPP | 310 | 230 | 28 | 310 | 175    | 65    | 721    | 10 | 55 | 20 | 273 | 130 | 17,50 | 342,80 |



Multiports

# M2-C10



Media Type

**Hydraulic Oil, Water,  
Air - Vacuum**



Max. Speed

**250 RPM**



Max. Pressure

**350 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**10 x 1/4" - 10 x 3/4"**



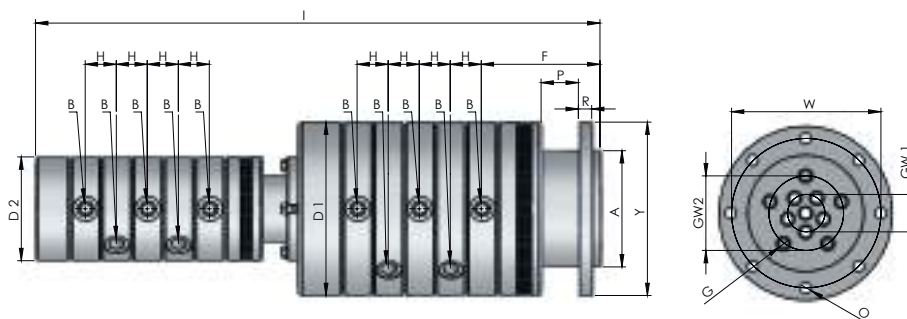
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available

Multi-pass rotary unions.



Do not operate without fluid.

## DIMENSIONS



| SIZE      | MODEL NO      | B         | Y Ø | A Ø | G Ø | D Ø       | F      | H             | I      | S  | P  | R  | W   | GW       | O  | KG     |
|-----------|---------------|-----------|-----|-----|-----|-----------|--------|---------------|--------|----|----|----|-----|----------|----|--------|
| 10 X 1/4" | M2-110081-200 | 1/4" NPT  | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478    | 7  | 42 | 12 | 130 | 20 / 55  | 9  | 33,85  |
| 10 X 1/4" | M2-110082-200 | 1/4" BSP  | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478    | 7  | 42 | 12 | 130 | 20 / 56  | 9  | 33,85  |
| 10 X 1/4" | M2-110083-200 | 1/4" BSPP | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478    | 7  | 42 | 12 | 130 | 20 / 56  | 9  | 33,85  |
| 10 X 3/8" | M2-110101-200 | 3/8" NPT  | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558    | 10 | 40 | 15 | 165 | 28 / 70  | 11 | 60     |
| 10 X 3/8" | M2-110102-200 | 3/8" BSP  | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558    | 10 | 40 | 15 | 165 | 28 / 70  | 11 | 60     |
| 10 X 3/8" | M2-110103-200 | 3/8" BSPP | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558    | 10 | 40 | 15 | 165 | 28 / 70  | 11 | 60     |
| 10 X 1/2" | M2-110151-200 | 1/2" NPT  | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 97,60  |
| 10 X 1/2" | M2-110152-200 | 1/2" BSP  | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 97,60  |
| 10 X 1/2" | M2-110153-200 | 1/2" BSPP | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 97,60  |
| 10 X 3/4" | M2-110201-200 | 3/4" NPT  | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40         | 795,75 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 169,55 |
| 10 X 3/4" | M2-110202-200 | 3/4" BSP  | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40         | 795,75 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 169,55 |
| 10 X 3/4" | M2-110203-200 | 3/4" BSPP | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40         | 795,75 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 169,55 |



Multiport

# M2-C12



Akışkan Tipi

Hidrolik Yağ, Water,  
Hava - Vakum



Maks. Hız

250 RPM



Maks. Basing

350 BAR



Maks. Sıcaklık

80 °C



Bağlantı Tipi

NPT, BSPP, BSPT



Rotor Ölçüsü

12 x 1/4" - 12 x 3/4"



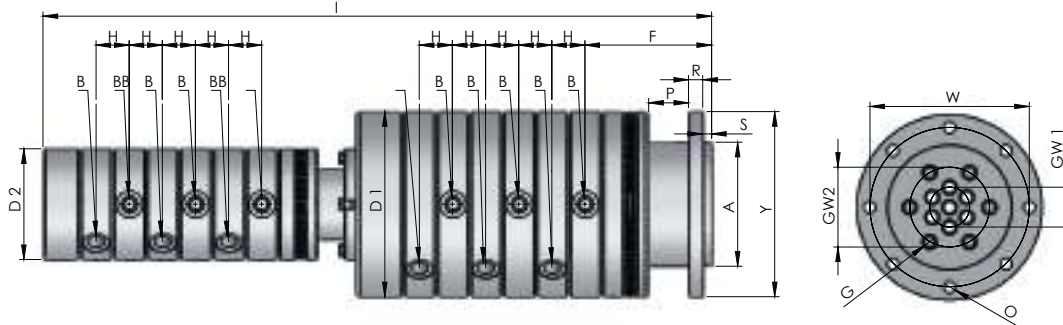
- ✓ Flanşlı, önden çıkışlı
- ✓ Çelik şaft
- ✓ Özel tasarım akışkana göre sızdırmazlık elemanları
- ✓ Krom kaplı iç sızdırmazlık yüzeyleri
- ✓ Kaplamalı çelik gövde
- ✓ Korozyona, toza, kire dayanıklı kaplama
- ✓ Düşük kaliteli akışkanlarda bile sorunsuz çalışma

Çoklu döner sızdırmazlık elemanı.



Akışkan olmadan çalıştırmayın.

## ÖLÇÜLER



| BOYUT     | MODEL NO      | B         | Y Ø | A Ø | G Ø | D Ø       | F      | H     | I      | S  | P  | R  | W   | GW       | O  | KG     |
|-----------|---------------|-----------|-----|-----|-----|-----------|--------|-------|--------|----|----|----|-----|----------|----|--------|
| 12 X 1/4" | M2-112081-200 | 1/4" NPT  | 180 | 120 | 7   | 180 / 108 | 121,50 | 25,40 | 577    | 7  | 42 | 12 | 160 | 38 / 70  | 9  | 61,85  |
| 12 X 1/4" | M2-112082-200 | 1/4" BSP  | 180 | 120 | 7   | 180 / 108 | 121,50 | 25,40 | 577    | 7  | 42 | 12 | 160 | 38 / 70  | 9  | 61,85  |
| 12 X 1/4" | M2-112083-200 | 1/4" BSPP | 180 | 120 | 7   | 180 / 108 | 121,50 | 25,40 | 577    | 7  | 42 | 12 | 160 | 38 / 70  | 9  | 61,85  |
| 12 X 3/8" | M2-112101-200 | 3/8" NPT  | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622    | 10 | 40 | 15 | 165 | 36 / 70  | 11 | 66,85  |
| 12 X 3/8" | M2-112102-200 | 3/8" BSP  | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622    | 10 | 40 | 15 | 165 | 36 / 70  | 11 | 66,85  |
| 12 X 3/8" | M2-112103-200 | 3/8" BSPP | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622    | 10 | 40 | 15 | 165 | 36 / 70  | 11 | 66,85  |
| 12 X 1/2" | M2-112151-200 | 1/2" NPT  | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 108,60 |
| 12 X 1/2" | M2-112152-200 | 1/2" BSP  | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 108,60 |
| 12 X 1/2" | M2-112153-200 | 1/2" BSPP | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 108,60 |
| 12 X 3/4" | M2-112201-200 | 3/4" NPT  | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40 | 882,55 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 187,80 |
| 12 X 3/4" | M2-112202-200 | 3/4" BSP  | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40 | 882,55 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 187,80 |
| 12 X 3/4" | M2-112203-200 | 3/4" BSPP | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40 | 882,55 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 187,80 |







# Rototech®

ROTARY UNION - SWIVEL JOINTS

## BUILT FOR RUBBER & TIRE INDUSTRY



RELIABLE SOLUTIONS FOR  
RUBBER & TIRE MANUFACTURING PLANTS



STEEL



ALUMINUM



COPPER



IRON



### DESIGNED FOR



RUBBER COMPOUNDING  
EXTRUSION LINES



CALENDERING & ROLLERS



TIRE BUILDING MACHINES



TIRE CURING PRESSES



**RELIABLE  
PERFORMANCE**  
Leak-free operation  
under demanding  
conditions



**HIGH TEMPERATURE  
RESISTANCE**  
Suitable for hot oil,  
water, steam and  
thermal media



**CONTINUOUS  
OPERATION**  
Engineered for 24/7  
production lines



**LOW  
MAINTENANCE**  
Long service life with  
minimal downtime



**CUSTOMIZED  
SOLUTIONS**  
Tailored designs for  
your specific  
process needs



KEEP YOUR PRODUCTION ROLLING.  
**CHOOSE ROTOTECH.**

Rototech Rotary Unions and Swivel Joints ensure efficient media transfer, maximum uptime and optimal performance in every stage of rubber & tire production.



[sales@rototech.com.tr](mailto:sales@rototech.com.tr)



[www.rototech.com.tr](http://www.rototech.com.tr)







# ROTOTECH ROTARY JOINTS

— M2 SERIES —  
MULTI-PASSAGE TECHNOLOGY



**M2**  
SERIES



# M2-S2

Media Type  
**Hydraulic Oil, Water, Food**

Max. Speed  
**500 RPM**

Max. Pressure  
**500 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**NPT, BSPP, BSPT**

Rotor Size  
**2 x 1/4" - 2 x 1 1/4"**

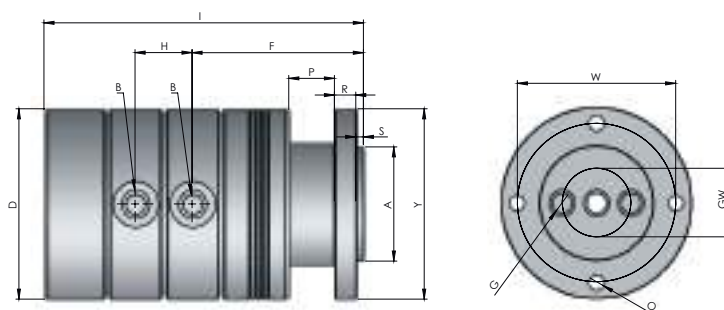


- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Stainless steel body
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions.

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O     | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|-------|-------|
| 2 x 1/4" | M2-22081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50  | 4,15  |
| 2 x 1/4" | M2-22082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50  | 4,15  |
| 2 x 1/4" | M2-22083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50  | 4,15  |
| 2 X 3/8" | M2-22101-200 | 3/8" NPT  | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50  | 4,75  |
| 2 X 3/8" | M2-22102-200 | 3/8" BSP  | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50  | 4,75  |
| 2 X 3/8" | M2-22103-200 | 3/8" BSPP | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50  | 4,75  |
| 2 X 1/2" | M2-22151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10    | 16    |
| 2 X 1/2" | M2-22152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10    | 16    |
| 2 X 1/2" | M2-22153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10    | 16    |
| 2 X 3/4" | M2-22201-200 | 3/4" NPT  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11    | 19,75 |
| 2 X 3/4" | M2-22202-200 | 3/4" BSP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11    | 19,75 |
| 2 X 3/4" | M2-22203-200 | 3/4" BSPP | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11    | 19,75 |
| 2 X 1"   | M2-22251-200 | 1" NPT    | 164 | 100 | 22  | 164 | 152,50 | 50,40 | 275,50 | 7 | 55 | 16 | 138 | 55 | 13,50 | 33    |

|            |              |             |     |     |    |     |        |       |        |   |    |    |     |    |       |       |
|------------|--------------|-------------|-----|-----|----|-----|--------|-------|--------|---|----|----|-----|----|-------|-------|
| 2 X 1"     | M2-22252-200 | 1" BSP      | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 275,50 | 7 | 55 | 16 | 138 | 55 | 13,50 | 33    |
| 2 X 1"     | M2-25253-200 | 1" BSPP     | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 275,50 | 7 | 55 | 16 | 138 | 55 | 13,50 | 33    |
| 2 X 1 1/4" | M2-22321-200 | 1 1/4" NPT  | 230 | 150 | 28 | 230 | 167,10 | 65    | 317    | 7 | 55 | 20 | 180 | 85 | 13,50 | 85,50 |
| 2 X 1 1/4" | M2-22322-200 | 1 1/4" BSP  | 230 | 150 | 28 | 230 | 167,10 | 65    | 317    | 7 | 55 | 20 | 180 | 85 | 13,50 | 85,50 |
| 2 X 1 1/4" | M2-22323-200 | 1 1/4" BSPP | 230 | 150 | 28 | 230 | 167,10 | 65    | 317    | 7 | 55 | 20 | 180 | 85 | 13,50 | 85,50 |



Multiports

# M2-S3



Multi-pass rotary unions.



Media Type

**Hydraulic Oil, Water, Food**



Max. Speed

**500 RPM**



Max. Pressure

**500 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

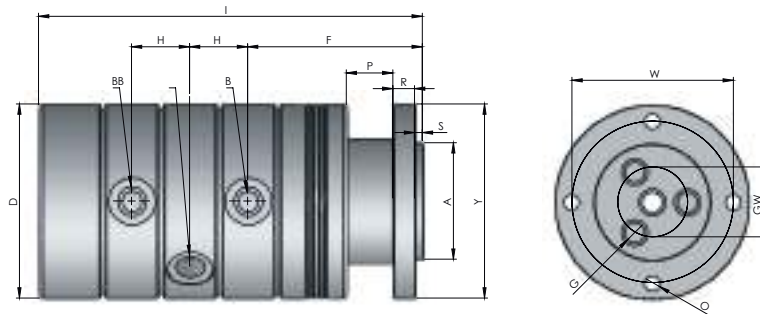
**3x 1/4" - 3 x 1 1/4"**

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Stainless steel body
- ✓ For low-quality fluids
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O     | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|-------|-------|
| 3 X 1/4" | M2-23081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,50  | 5,05  |
| 3 X 1/4" | M2-23082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,50  | 5,05  |
| 3 X 1/4" | M2-23083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,50  | 5,05  |
| 3 x 3/8" | M2-23101-200 | 3/8" NPT  | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50  | 5,80  |
| 3 x 3/8" | M2-23102-200 | 3/8" BSP  | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50  | 5,80  |
| 3 x 3/8" | M2-23103-200 | 3/8" BSPP | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50  | 5,80  |
| 3 X 1/2" | M2-23151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10    | 19,15 |
| 3 X 1/2" | M2-23152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10    | 19,15 |
| 3 X 1/2" | M2-23153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10    | 19,15 |
| 3 X 3/4" | M2-23201-200 | 3/4" NPT  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11    | 23,80 |
| 3 X 3/4" | M2-23202-200 | 3/4" BSP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11    | 23,80 |
| 3 X 3/4" | M2-23203-200 | 3/4" BSPP | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11    | 23,80 |
| 3 X 1"   | M2-13251-200 | 1" NPT    | 164 | 100 | 22  | 164 | 152,50 | 50,40 | 326    | 7 | 55 | 16 | 138 | 55 | 13,50 | 39    |

|            |              |             |     |     |    |     |        |       |        |   |    |    |     |    |       |        |
|------------|--------------|-------------|-----|-----|----|-----|--------|-------|--------|---|----|----|-----|----|-------|--------|
| 3 X 1"     | M2-13252-200 | 1" BSP      | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 326    | 7 | 55 | 16 | 138 | 55 | 13,50 | 39     |
| 3 X 1"     | M2-13253-200 | 1" BSPP     | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 326    | 7 | 55 | 16 | 138 | 55 | 13,50 | 39     |
| 3 X 1 1/4" | M2-23321-200 | 1 1/4" NPT  | 230 | 150 | 28 | 230 | 167,10 | 65    | 382,40 | 7 | 55 | 20 | 180 | 85 | 13,50 | 103,40 |
| 3 X 1 1/4" | M2-23322-200 | 1 1/4" BSP  | 230 | 150 | 28 | 230 | 167,10 | 65    | 382,40 | 7 | 55 | 20 | 180 | 85 | 13,50 | 103,40 |
| 3 X 1 1/4" | M2-23323-200 | 1 1/4" BSPP | 230 | 150 | 28 | 230 | 167,10 | 65    | 382,40 | 7 | 55 | 20 | 180 | 85 | 13,50 | 103,40 |



Multiports

# M2-S4



Media Type

**Hydraulic Oil, Water,  
Food**



Max. Speed

**500 RPM**



Max. Pressure

**500 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**4 x 1/4" - 4 x 1 1/4"**



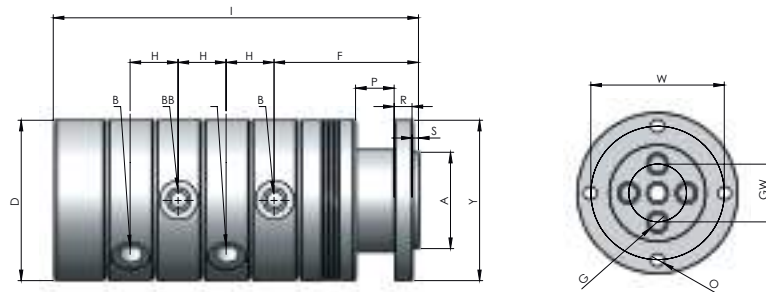
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Stainless steel body
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions.



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O     | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|-------|-------|
| 4 X 1/4" | M2-24081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 6,50  | 5,85  |
| 4 X 1/4" | M2-24082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 6,50  | 5,85  |
| 4 X 1/4" | M2-24083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 6,50  | 5,85  |
| 4 X 3/8" | M2-24101-200 | 3/8" NPT  | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50  | 11    |
| 4 X 3/8" | M2-24102-200 | 3/8" BSP  | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50  | 11    |
| 4 X 3/8" | M2-24103-200 | 3/8" BSPP | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50  | 11    |
| 4 X 1/2" | M2-24151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10    | 22,25 |
| 4 X 1/2" | M2-24152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10    | 22,25 |
| 4 X 1/2" | M2-24153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10    | 22,25 |
| 4 X 3/4" | M2-24201-200 | 3/4" NPT  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11    | 27,80 |
| 4 X 3/4" | M2-24202-200 | 3/4" BSP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11    | 27,80 |
| 4 X 3/4" | M2-24203-200 | 3/4" BSPP | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11    | 27,80 |
| 3 X 1"   | M2-24251-200 | 1" NPT    | 164 | 100 | 22  | 164 | 152,50 | 50,40 | 376    | 7 | 55 | 16 | 138 | 55 | 13,50 | 45,30 |

|            |              |             |     |     |    |     |        |       |        |   |    |    |     |    |       |       |
|------------|--------------|-------------|-----|-----|----|-----|--------|-------|--------|---|----|----|-----|----|-------|-------|
| 3 X 1"     | M2-24252-200 | 1" BSP      | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 376    | 7 | 55 | 16 | 138 | 55 | 13,50 | 45,30 |
| 3 X 1"     | M2-24253-200 | 1" BSPP     | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 376    | 7 | 55 | 16 | 138 | 55 | 13,50 | 45,30 |
| 4 X 1 1/4" | M2-24321-200 | 1 1/4" NPT  | 230 | 150 | 28 | 230 | 167,10 | 65    | 447,50 | 7 | 55 | 20 | 180 | 85 | 13,50 | 121   |
| 4 X 1 1/4" | M2-24322-200 | 1 1/4" BSP  | 230 | 150 | 28 | 230 | 167,10 | 65    | 447,50 | 7 | 55 | 20 | 180 | 85 | 13,50 | 121   |
| 4 X 1 1/4" | M2-24323-200 | 1 1/4" BSPP | 230 | 150 | 28 | 230 | 167,10 | 65    | 447,50 | 7 | 55 | 20 | 180 | 85 | 13,50 | 121   |



# Multiports M2-S5

Media Type  
**Hydraulic Oil, Water, Food**

Max. Speed  
**500 RPM**

Max. Pressure  
**500 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**NPT, BSPP, BSPT**

Rotor Size  
**5x 1/4" - 5 x 1 1/4"**

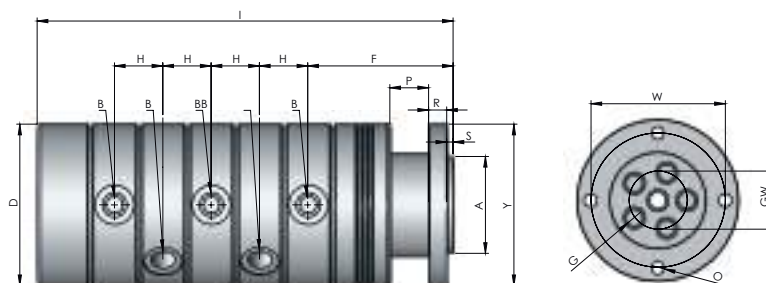


- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Stainless steel body
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions.

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O    | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|------|-------|
| 5 X 1/4" | M2-25081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3 | 20 | 7  | 70  | 20 | 6,50 | 5,85  |
| 5X 1/4"  | M2-25082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3 | 20 | 7  | 70  | 20 | 6,50 | 5,85  |
| 5 X 1/4" | M2-25083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3 | 20 | 7  | 70  | 20 | 6,50 | 5,85  |
| 5 X 3/8" | M2-25101-200 | 3/8" NPT  | 108 | 65  | 10  | 108 | 89     | 30    | 253    | 5 | 20 | 12 | 76  | 24 | 8,50 | 11    |
| 5 X 3/8" | M2-25102-200 | 3/8" BSP  | 108 | 65  | 10  | 108 | 89     | 30    | 253    | 5 | 20 | 12 | 76  | 24 | 8,50 | 11    |
| 5 X 3/8" | M2-25103-200 | 3/8" BSPP | 108 | 65  | 10  | 108 | 89     | 30    | 253    | 5 | 20 | 12 | 76  | 24 | 8,50 | 11    |
| 5 X 1/2" | M2-25151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5 | 30 | 14 | 104 | 45 | 10   | 22,25 |
| 5 X 1/2" | M2-25152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5 | 30 | 14 | 104 | 45 | 10   | 22,25 |
| 5 X 1/2" | M2-25153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5 | 30 | 14 | 104 | 45 | 10   | 22,25 |
| 5 X 3/4" | M2-25201-200 | 3/4" NPT  | 165 | 115 | 18  | 165 | 135,50 | 43,40 | 373,70 | 5 | 45 | 12 | 110 | 46 | 11   | 27,80 |
| 5 X 3/4" | M2-25202-200 | 3/4" BSP  | 165 | 115 | 18  | 165 | 135,50 | 43,40 | 373,70 | 5 | 45 | 12 | 110 | 46 | 11   | 27,80 |
| 5 X 3/4" | M2-25203-200 | 3/4" BSPP | 165 | 115 | 18  | 165 | 135,50 | 43,40 | 373,70 | 5 | 45 | 12 | 110 | 46 | 11   | 27,80 |

|            |              |             |     |     |    |     |        |       |        |   |    |    |     |    |       |       |
|------------|--------------|-------------|-----|-----|----|-----|--------|-------|--------|---|----|----|-----|----|-------|-------|
| 3 X 1"     | M2-24252-200 | 1" BSP      | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 376    | 7 | 55 | 16 | 138 | 55 | 13,50 | 45,30 |
| 3 X 1"     | M2-24253-200 | 1" BSPP     | 164 | 100 | 22 | 164 | 152,50 | 50,40 | 376    | 7 | 55 | 16 | 138 | 55 | 13,50 | 45,30 |
| 4 X 1 1/4" | M2-24321-200 | 1 1/4" NPT  | 230 | 150 | 28 | 230 | 167,10 | 65    | 447,50 | 7 | 55 | 20 | 180 | 85 | 13,50 | 121   |
| 4 X 1 1/4" | M2-24322-200 | 1 1/4" BSP  | 230 | 150 | 28 | 230 | 167,10 | 65    | 447,50 | 7 | 55 | 20 | 180 | 85 | 13,50 | 121   |
| 4 X 1 1/4" | M2-24323-200 | 1 1/4" BSPP | 230 | 150 | 28 | 230 | 167,10 | 65    | 447,50 | 7 | 55 | 20 | 180 | 85 | 13,50 | 121   |



Multiports

# M2-S6



Media Type

**Hydraulic Oil, Water,  
Food**



Max. Speed

**500 RPM**



Max. Pressure

**500 BAR**



Max. Temperature

**80 °C**



Connection Type

**NPT, BSPP, BSPT**



Rotor Size

**6 x 1/4" - 6x 1 1/4"**



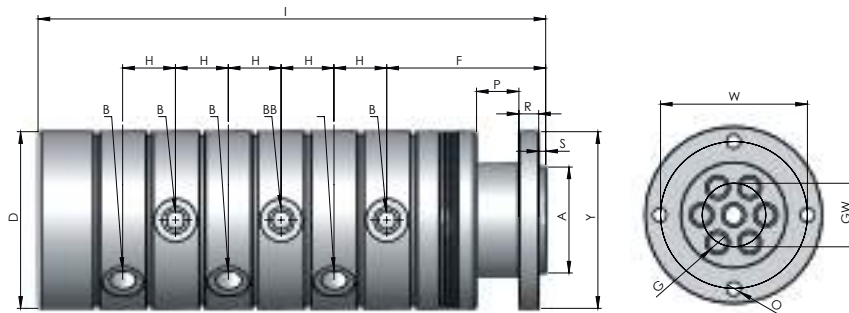
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Stainless steel body
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions.



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O     | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|-------|-------|
| 6 X 1/4" | M2-26081-200 | 1/4" NPT  | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9     | 16,05 |
| 6 X 1/4" | M2-26082-200 | 1/4" BSP  | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9     | 16,05 |
| 6 X 1/4" | M2-26083-200 | 1/4" BSPP | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9     | 16,05 |
| 6 X 3/8" | M2-26101-200 | 3/8" NPT  | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9     | 17,80 |
| 6 X 3/8" | M2-26102-200 | 3/8" BSP  | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9     | 17,80 |
| 6 X 3/8" | M2-26103-200 | 3/8" BSPP | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9     | 17,80 |
| 6 X 1/2" | M2-26151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10    | 28,35 |
| 6 X 1/2" | M2-26152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10    | 28,35 |
| 6 X 1/2" | M2-26153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10    | 28,35 |
| 6 X 3/4" | M2-26201-200 | 3/4" NPT  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,10 | 5 | 45 | 13 | 139 | 60 | 11    | 57,25 |
| 6 X 3/4" | M2-26202-200 | 3/4" BSP  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,10 | 5 | 45 | 13 | 139 | 60 | 11    | 57,25 |
| 6 X 3/4" | M2-26203-200 | 3/4" BSPP | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,10 | 5 | 45 | 13 | 139 | 60 | 11    | 57,25 |
| 6 X 1"   | M2-26251-200 | 1" NPT    | 190 | 110 | 22  | 190 | 143,40 | 50,40 | 462    | 7 | 55 | 16 | 165 | 60 | 13,50 | 83,20 |

|            |              |              |     |     |    |     |        |       |        |   |    |    |     |    |       |        |
|------------|--------------|--------------|-----|-----|----|-----|--------|-------|--------|---|----|----|-----|----|-------|--------|
| 6 X 1"     | M2-26252-200 | 1" BSP       | 190 | 110 | 22 | 190 | 143,40 | 50,40 | 462    | 7 | 55 | 16 | 165 | 60 | 13,50 | 83,20  |
| 6 X 1"     | M2-26253-200 | 1" BSPP      | 190 | 110 | 22 | 190 | 143,40 | 50,40 | 462    | 7 | 55 | 16 | 165 | 60 | 13,50 | 83,20  |
| 6 X 1 1/4" | M2-26312-200 | 1 1/4" NPT   | 230 | 150 | 28 | 230 | 167,10 | 65    | 577,70 | 7 | 55 | 20 | 180 | 85 | 13,50 | 141,75 |
| 6 X 1 1/4" | M2-26322-200 | 1 1/4" BSP   | 230 | 150 | 28 | 230 | 167,10 | 65    | 577,70 | 7 | 55 | 20 | 180 | 85 | 13,50 | 141,75 |
| 6 X 1 1/4" | M2-26323-200 | 1 1/4" B SPP | 230 | 150 | 28 | 230 | 167,10 | 65    | 577,70 | 7 | 55 | 20 | 180 | 85 | 13,50 | 141,75 |



Multiports

# M2-S8



Media Type

Hydraulic Oil, Air - Vacuum



Max. Speed

500 RPM



Max. Pressure

500 BAR



Max. Temperature

80 °C



Connection Type

NPT, BSPP, BSPT



Rotor Size

8 x 1/4" - 8 x 1 1/4"



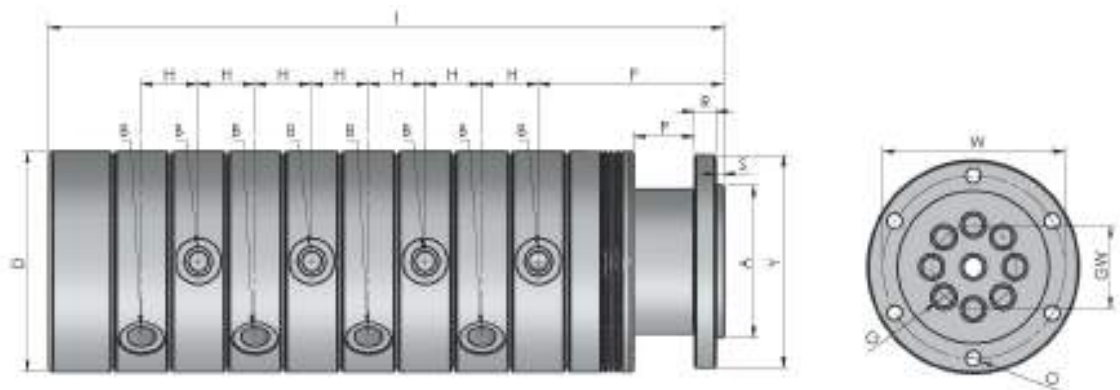
Multi-pass rotary unions

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Stainless steel body
- ✓ For low-quality fluids
- ✓ Custom connections types are available



Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F     | H     | I      | S | P  | R  | W   | GW | O  | KG     |
|----------|--------------|-----------|-----|-----|-----|-----|-------|-------|--------|---|----|----|-----|----|----|--------|
| 8 X 1/4" | M2-28081-200 | 1/4" NPT  | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 19,20  |
| 8 X 1/4" | M2-28082-200 | 1/4" BSP  | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 19,20  |
| 8 X 1/4" | M2-28083-200 | 1/4" BSPP | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 19,20  |
| 8 X 3/8" | M2-28101-200 | 3/8" NPT  | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 29,60  |
| 8 X 3/8" | M2-28102-200 | 3/8" BSP  | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 29,60  |
| 8 X 3/8" | M2-28103-200 | 3/8" BSPP | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 29,60  |
| 8 X 1/2" | M2-28151-200 | 1/2" NPT  | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 48,45  |
| 8 X 1/2" | M2-28152-200 | 1/2" BSP  | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 48,45  |
| 8 X 1/2" | M2-28153-200 | 1/2" BSPP | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 48,45  |
| 8 X 3/4" | M2-28201-200 | 3/4" NPT  | 225 | 165 | 18  | 225 | 151   | 43,40 | 521    | 5 | 58 | 13 | 200 | 80 | 11 | 136,75 |
| 8 X 3/4" | M2-28202-200 | 3/4" BSP  | 225 | 165 | 18  | 225 | 151   | 43,40 | 521    | 5 | 58 | 13 | 200 | 80 | 11 | 136,75 |
| 8 X 3/4" | M2-28203-200 | 3/4" BSPP | 225 | 165 | 18  | 225 | 151   | 43,40 | 521    | 5 | 58 | 13 | 200 | 80 | 11 | 136,75 |



|            |              |             |     |     |    |     |        |       |        |    |    |    |     |     |       |        |
|------------|--------------|-------------|-----|-----|----|-----|--------|-------|--------|----|----|----|-----|-----|-------|--------|
| 8 X 1"     | M2-28251-200 | 1" NPT      | 229 | 140 | 22 | 229 | 153,40 | 50,40 | 575,50 | 10 | 55 | 20 | 200 | 90  | 13,50 | 155,90 |
| 8 X 1"     | M2-28252-200 | 1" BSP      | 229 | 140 | 22 | 229 | 153,40 | 50,40 | 575,50 | 10 | 55 | 20 | 200 | 90  | 13,50 | 155,90 |
| 8 X 1"     | M2-28253-200 | 1" BSPP     | 229 | 140 | 22 | 229 | 153,40 | 50,40 | 575,50 | 10 | 55 | 20 | 200 | 90  | 13,50 | 155,90 |
| 8 X 1 1/4" | M2-28321-200 | 1 1/4" NPT  | 310 | 230 | 28 | 310 | 175    | 65    | 721    | 10 | 55 | 20 | 273 | 130 | 17,50 | 375,35 |
| 8 X 1 1/4" | M2-28322-200 | 1 1/4" BSP  | 310 | 230 | 28 | 310 | 175    | 65    | 721    | 10 | 55 | 20 | 273 | 130 | 17,50 | 375,35 |
| 8 X 1 1/4" | M2-28323-200 | 1 1/4" BSPP | 310 | 230 | 28 | 310 | 175    | 65    | 721    | 10 | 55 | 20 | 273 | 130 | 17,50 | 375,35 |



Multiports

# M2-S10

Media Type  
**Hydraulic Oil, Water, Food**

Max. Speed  
**400 RPM**

Max. Pressure  
**400 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**NPT, BSPP, BSPT**

Rotor Size  
**10 x 1/4" - 10 x 3/4"**

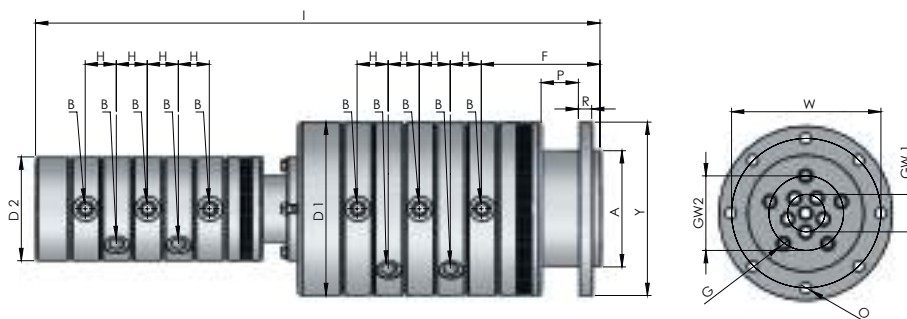


- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Stainless steel body
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions.

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE      | MODEL NO      | B         | Y Ø | A Ø | G Ø | D Ø       | F      | H             | I      | S  | P  | R  | W   | GW       | O  | KG     |
|-----------|---------------|-----------|-----|-----|-----|-----------|--------|---------------|--------|----|----|----|-----|----------|----|--------|
| 10 X 1/4" | M2-210081-200 | 1/4" NPT  | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478    | 7  | 42 | 12 | 130 | 20 / 55  | 9  | 36,90  |
| 10 X 1/4" | M2-210082-200 | 1/4" BSP  | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478    | 7  | 42 | 12 | 130 | 20 / 56  | 9  | 36,90  |
| 10 X 1/4" | M2-210083-200 | 1/4" BSPP | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478    | 7  | 42 | 12 | 130 | 20 / 56  | 9  | 36,90  |
| 10 X 3/8" | M2-210101-200 | 3/8" NPT  | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558    | 10 | 40 | 15 | 165 | 28 / 70  | 11 | 65,40  |
| 10 X 3/8" | M2-210102-200 | 3/8" BSP  | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558    | 10 | 40 | 15 | 165 | 28 / 70  | 11 | 65,40  |
| 10 X 3/8" | M2-210103-200 | 3/8" BSPP | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558    | 10 | 40 | 15 | 165 | 28 / 70  | 11 | 65,40  |
| 10 X 1/2" | M2-210151-200 | 1/2" NPT  | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 106,30 |
| 10 X 1/2" | M2-210152-200 | 1/2" BSP  | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 106,30 |
| 10 X 1/2" | M2-210153-200 | 1/2" BSPP | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 106,30 |
| 10 X 3/4" | M2-210201-200 | 3/4" NPT  | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40         | 795,75 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 184,85 |
| 10 X 3/4" | M2-210202-200 | 3/4" BSP  | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40         | 795,75 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 184,85 |
| 10 X 3/4" | M2-210203-200 | 3/4" BSPP | 250 | 178 | 18  | 250 / 165 | 178,40 | 43,40         | 795,75 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 184,85 |

Multiports

# M2-S12

Media Type  
**Hydraulic Oil, Water, Food**

Max. Speed  
**400 RPM**

Max. Pressure  
**400 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**NPT, BSPP, BSPT**

Rotor Size  
**12 x 1/4" - 12 x 3/4"**

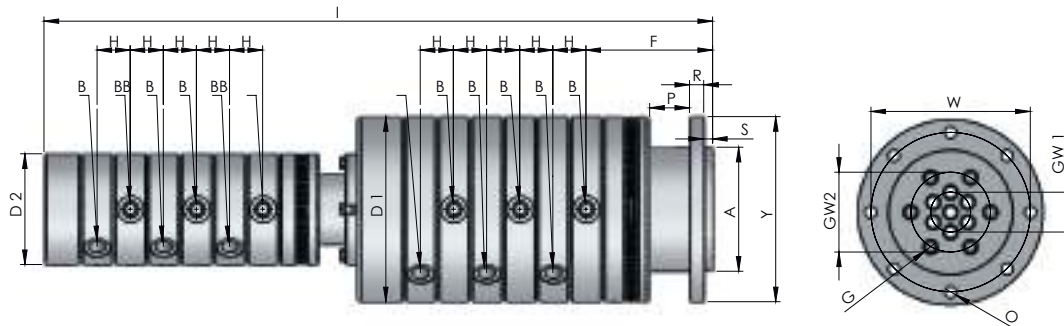


- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Stainless steel body
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-passge rotary unions.

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE      | MODEL NO      | B         | Y Ø | A Ø | G Ø | D Ø       | F      | H     | I      | S  | P  | R  | W   | GW       | O  | KG     |
|-----------|---------------|-----------|-----|-----|-----|-----------|--------|-------|--------|----|----|----|-----|----------|----|--------|
| 12 X 1/4" | M2-212081-200 | 1/4" NPT  | 180 | 120 | 7   | 180/108   | 121,50 | 25,40 | 577    | 7  | 42 | 12 | 160 | 38 / 70  | 9  | 67,25  |
| 12 X 1/4" | M2-212082-200 | 1/4" BSP  | 180 | 120 | 7   | 180/108   | 121,50 | 25,40 | 577    | 7  | 42 | 12 | 160 | 38 / 70  | 9  | 67,25  |
| 12 X 1/4" | M2-212083-200 | 1/4" BSPP | 180 | 120 | 7   | 180/108   | 121,50 | 25,40 | 577    | 7  | 42 | 12 | 160 | 38 / 70  | 9  | 67,25  |
| 12 X 3/8" | M2-212101-200 | 3/8" NPT  | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622    | 10 | 40 | 15 | 165 | 36 / 70  | 11 | 72,85  |
| 12 X 3/8" | M2-212102-200 | 3/8" BSP  | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622    | 10 | 40 | 15 | 165 | 36 / 70  | 11 | 72,85  |
| 12 X 3/8" | M2-212103-200 | 3/8" BSPP | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622    | 10 | 40 | 15 | 165 | 36 / 70  | 11 | 72,85  |
| 12 X 1/2" | M2-212151-200 | 1/2" NPT  | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 118,30 |
| 12 X 1/2" | M2-212152-200 | 1/2" BSP  | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 118,30 |
| 12 X 1/2" | M2-212153-200 | 1/2" BSPP | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755    | 10 | 45 | 16 | 170 | 45 / 90  | 13 | 118,30 |
| 12 X 3/4" | M2-212201-200 | 3/4" NPT  | 250 | 178 | 18  | 250 / 165 | 178    | 43,40 | 882,55 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 204,85 |
| 12 X 3/4" | M2-212202-200 | 3/4" BSP  | 250 | 178 | 18  | 250 / 165 | 178    | 43,40 | 882,55 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 204,85 |
| 12 X 3/4" | M2-212203-200 | 3/4" BSPP | 250 | 178 | 18  | 250 / 165 | 178    | 43,40 | 882,55 | 10 | 75 | 16 | 220 | 60 / 110 | 13 | 204,85 |







# ROTOTECH ROTARY JOINTS

— **M2** SERIES —  
MULTI-PASSAGE TECHNOLOGY



**M2**  
SERIES



Multiports

# M2-SR2

Media Type  
**Hydraulic Oil, Water,  
Air - Vacuum**

Max. Speed  
**250 RPM**

Max. Pressure  
**250 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**NPT, BSPP, BSPT**

Rotor Size  
**2 x 1/4" - 2 x 3/4"**

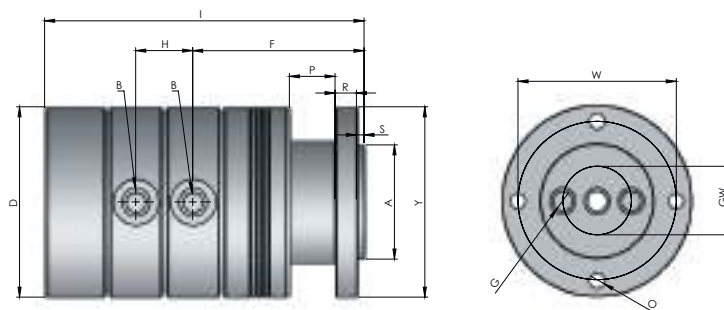


- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions.

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O    | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|------|-------|
| 2 x 1/4" | M2-42081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50 | 4,20  |
| 2 x 1/4" | M2-42082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50 | 4,20  |
| 2 x 1/4" | M2-42083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 135,50 | 3 | 20 | 7  | 70  | 20 | 6,50 | 4,20  |
| 2 X 3/8" | M2-42101-200 | 3/8" NPT  | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 4,85  |
| 2 X 3/8" | M2-42102-200 | 3/8" BSP  | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 4,85  |
| 2 X 3/8" | M2-42103-200 | 3/8" BSPP | 80  | 45  | 10  | 80  | 85     | 30    | 154,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 4,85  |
| 2 X 1/2" | M2-42151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10   | 16,50 |
| 2 X 1/2" | M2-42152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10   | 16,50 |
| 2 X 1/2" | M2-42153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 210    | 5 | 30 | 14 | 104 | 45 | 10   | 16,50 |
| 2 X 3/4" | M2-42201-200 | 3/4" NPT  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11   | 19,70 |
| 2 X 3/4" | M2-42202-200 | 3/4" BSP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11   | 19,70 |
| 2 X 3/4" | M2-42203-200 | 3/4" BSPP | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 223,80 | 5 | 35 | 12 | 110 | 46 | 11   | 19,70 |



Multiports

# M2-SR3

Media Type  
**Hydraulic Oil, Water,  
Air - Vacuum**

Max. Speed  
**250 RPM**

Max. Pressure  
**250 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**NPT, BSPP, BSPT**

Rotor Size  
**3 x 1/4" - 3 x 3/4"**

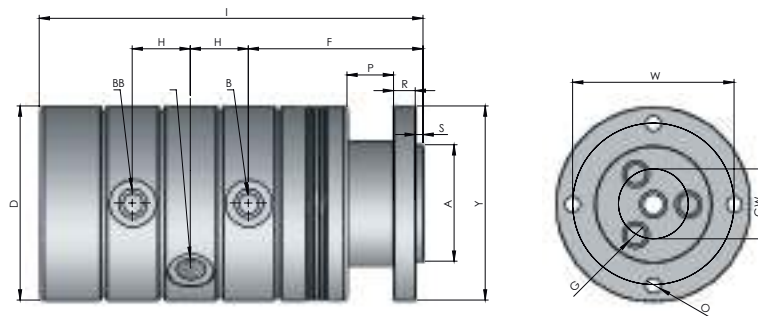


- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions.

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O    | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|------|-------|
| 3 X 1/4" | M2-43081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,50 | 5,15  |
| 3 X 1/4" | M2-43082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,50 | 5,15  |
| 3 X 1/4" | M2-43083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 161    | 3 | 20 | 7  | 70  | 20 | 6,50 | 5,15  |
| 3 x 3/8" | M2-43101-200 | 3/8" NPT  | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 5,90  |
| 3 x 3/8" | M2-43102-200 | 3/8" BSP  | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 5,90  |
| 3 x 3/8" | M2-43103-200 | 3/8" BSPP | 80  | 45  | 10  | 80  | 75,15  | 30    | 184,30 | 3 | 20 | 7  | 68  | 18 | 6,50 | 5,90  |
| 3 X 1/2" | M2-43151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10   | 19,10 |
| 3 X 1/2" | M2-43152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10   | 19,10 |
| 3 X 1/2" | M2-43153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 247    | 5 | 30 | 14 | 104 | 45 | 10   | 19,10 |
| 3 X 3/4" | M243201-200  | 3/4" NPT  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11   | 23,85 |
| 3 X 3/4" | M2-43202-200 | 3/4" BSP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11   | 23,85 |
| 3 X 3/4" | M2-43203-200 | 3/4" BSPP | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 267,20 | 5 | 35 | 12 | 110 | 46 | 11   | 23,85 |

Multiports

# M2-SR4

Media Type  
**Hydraulic Oil, Water,  
Air - Vacuum**

Max. Speed  
**250 RPM**

Max. Pressure  
**250 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**NPT, BSPP, BSPT**

Rotor Size  
**4 x 1/4" - 4 x 3/4"**

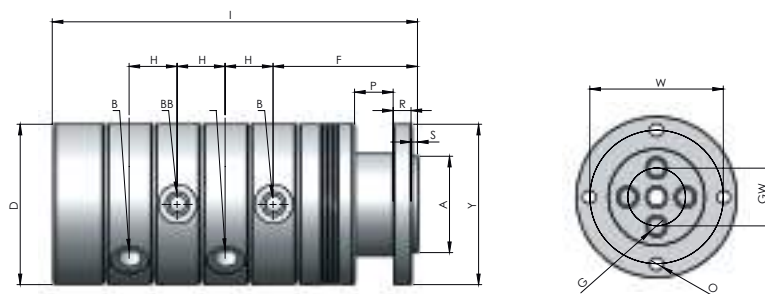


- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions.

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O    | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|------|-------|
| 4 X 1/4" | M2-44081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 6,50 | 6     |
| 4 X 1/4" | M2-44082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 6,50 | 6     |
| 4 X 1/4" | M2-44083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 184,30 | 3 | 20 | 7  | 70  | 20 | 6,50 | 6     |
| 4 X 3/8" | M2-44101-200 | 3/8" NPT  | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50 | 11,20 |
| 4 X 3/8" | M2-44102-200 | 3/8" BSP  | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50 | 11,20 |
| 4 X 3/8" | M2-44103-200 | 3/8" BSPP | 98  | 50  | 10  | 98  | 87,20  | 30    | 227,50 | 5 | 20 | 12 | 76  | 24 | 8,50 | 11,20 |
| 4 X 1/2" | M2-44151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10   | 22,30 |
| 4 X 1/2" | M2-44152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10   | 22,30 |
| 4 X 1/2" | M2-44153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 284,60 | 5 | 30 | 14 | 104 | 45 | 10   | 22,30 |
| 4 X 3/4" | M2-44201-200 | 3/4" NPT  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11   | 28    |
| 4 X 3/4" | M2-44202-200 | 3/4" BSP  | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11   | 28    |
| 4 X 3/4" | M2-44203-200 | 3/4" BSPP | 135 | 85  | 18  | 135 | 117,50 | 43,40 | 310,60 | 5 | 35 | 12 | 110 | 46 | 11   | 28    |



Multiports

# M2-SR5

Media Type  
**Hydraulic Oil, Water,  
Air - Vacuum**

Max. Speed  
**250 RPM**

Max. Pressure  
**250 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**NPT, BSPP, BSPT**

Rotor Size  
**5x 1/4" - 5 x 3/4"**



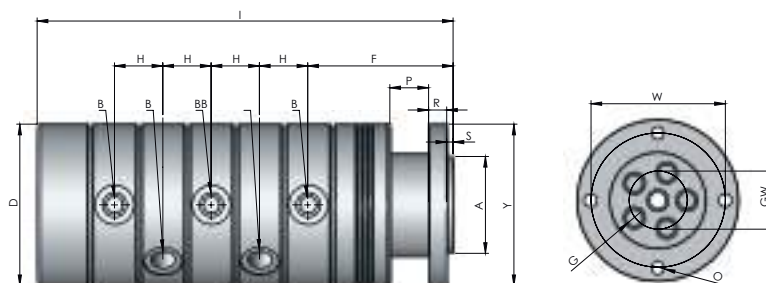
- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available



Multi-passage rotary unions.

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O    | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|------|-------|
| 5 X 1/4" | M2-45081-200 | 1/4" NPT  | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3 | 20 | 7  | 70  | 20 | 6,50 | 6,85  |
| 5 X 1/4" | M2-45082-200 | 1/4" BSP  | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3 | 20 | 7  | 70  | 20 | 6,50 | 6,85  |
| 5 X 1/4" | M2-45083-200 | 1/4" BSPP | 81  | 45  | 7   | 80  | 71     | 23,40 | 207,70 | 3 | 20 | 7  | 70  | 20 | 6,50 | 6,85  |
| 5 X 3/8" | M2-45101-200 | 3/8" NPT  | 108 | 65  | 10  | 108 | 89     | 30    | 259    | 5 | 20 | 12 | 90  | 28 | 9    | 15,65 |
| 5 X 3/8" | M2-45102-200 | 3/8" BSP  | 108 | 65  | 10  | 108 | 89     | 30    | 259    | 5 | 20 | 12 | 90  | 28 | 9    | 15,65 |
| 5 X 3/8" | M2-45103-200 | 3/8" BSPP | 108 | 65  | 10  | 108 | 89     | 30    | 259    | 5 | 20 | 12 | 90  | 28 | 9    | 15,65 |
| 5 X 1/2" | M2-45151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5 | 30 | 14 | 104 | 45 | 10   | 25,45 |
| 5 X 1/2" | M2-45152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5 | 30 | 14 | 104 | 45 | 10   | 25,45 |
| 5 X 1/2" | M2-45153-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 322    | 5 | 30 | 14 | 104 | 45 | 10   | 25,45 |
| 5 X 3/4" | M2-45201-200 | 3/4" NPT  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 373,70 | 5 | 45 | 13 | 139 | 60 | 11   | 51,50 |
| 5 X 3/4" | M2-45202-200 | 3/4" BSP  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 373,70 | 5 | 45 | 13 | 139 | 60 | 11   | 51,50 |
| 5 X 3/4" | M2-45203-200 | 3/4" BSPP | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 373,70 | 5 | 45 | 13 | 139 | 60 | 11   | 51,50 |

Multiports

# M2-SR6

Media Type  
**Hydraulic Oil, Water,  
Air - Vacuum**

Max. Speed  
**250 RPM**

Max. Pressure  
**250 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**NPT, BSPP, BSPT**

Rotor Size  
**6 x 1/4" - 6 x 3/4"**

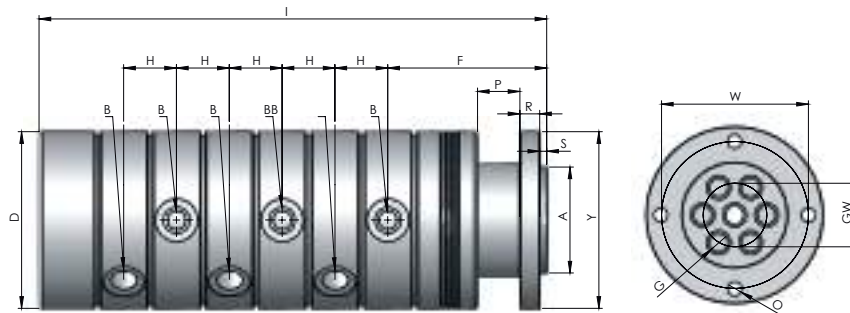


- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions.

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F      | H     | I      | S | P  | R  | W   | GW | O  | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|--------|-------|--------|---|----|----|-----|----|----|-------|
| 6 X 1/4" | M2-46081-200 | 1/4" NPT  | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9  | 16,15 |
| 6 X 1/4" | M2-46082-200 | 1/4" BSP  | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9  | 16,15 |
| 6 X 1/4" | M2-46083-200 | 1/4" BSPP | 108 | 70  | 7   | 108 | 95     | 25,40 | 272,70 | 3 | 35 | 8  | 90  | 38 | 9  | 16,15 |
| 6 X 3/8" | M2-46101-200 | 3/8" NPT  | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9  | 18,50 |
| 6 X 3/8" | M2-46102-200 | 3/8" BSP  | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9  | 18,50 |
| 6 X 3/8" | M2-46103-200 | 3/8" BSPP | 108 | 65  | 10  | 108 | 93     | 30    | 293    | 5 | 22 | 12 | 90  | 35 | 9  | 18,50 |
| 6 X 1/2" | M2-46151-200 | 1/2" NPT  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10 | 28,55 |
| 6 X 1/2" | M2-46152-200 | 1/2" BSP  | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10 | 28,55 |
| 6 X 1/2" | M2-46152-200 | 1/2" BSPP | 125 | 75  | 13  | 125 | 112,50 | 37,40 | 359,40 | 5 | 30 | 14 | 104 | 45 | 10 | 28,55 |
| 6 X 3/4" | M2-46201-200 | 3/4" NPT  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,10 | 5 | 45 | 13 | 139 | 60 | 11 | 57,80 |
| 6 X 3/4" | M2-46202-200 | 3/4" BSP  | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,10 | 5 | 45 | 13 | 139 | 60 | 11 | 57,80 |
| 6 X 3/4" | M2-46203-200 | 3/4" BSPP | 165 | 115 | 18  | 165 | 132,50 | 43,40 | 417,10 | 5 | 45 | 13 | 139 | 60 | 11 | 57,80 |



Multiports

# M2-SR8

Media Type  
**Hydraulic Oil, Water,  
Air - Vacuum**

Max. Speed  
**250 RPM**

Max. Pressure  
**250 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**NPT, BSPP, BSPT**

Rotor Size  
**8 x 1/4" - 8 x 1/2"**

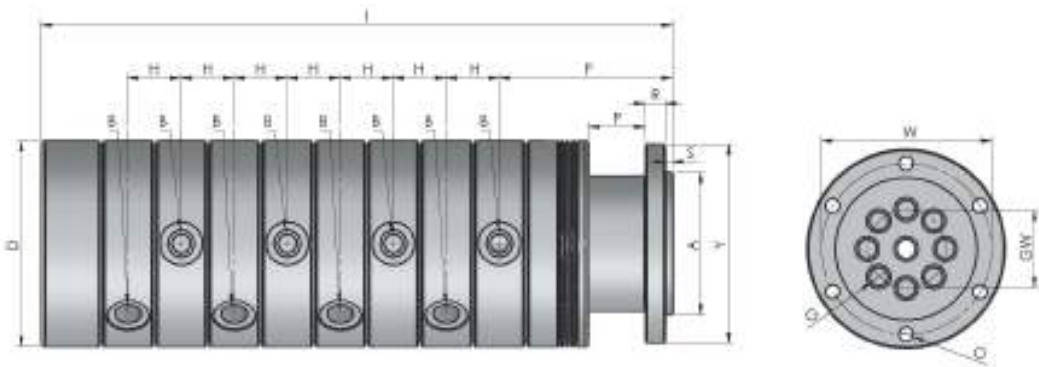


- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO     | B         | Y Ø | A Ø | G Ø | D Ø | F     | H     | I      | S | P  | R  | W   | GW | O  | KG    |
|----------|--------------|-----------|-----|-----|-----|-----|-------|-------|--------|---|----|----|-----|----|----|-------|
| 8 X 1/4" | M2-48081-200 | 1/4" NPT  | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 19,40 |
| 8 X 1/4" | M2-48082-200 | 1/4" BSP  | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 19,40 |
| 8 X 1/4" | M2-48083-200 | 1/4" BSPP | 108 | 70  | 7   | 108 | 95    | 25,40 | 321,50 | 3 | 35 | 8  | 70  | 38 | 9  | 19,40 |
| 8 X 3/8" | M2-48101-200 | 3/8" NPT  | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 30,10 |
| 8 X 3/8" | M2-48102-200 | 3/8" BSP  | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 30,10 |
| 8 X 3/8" | M2-48103-200 | 3/8" BSPP | 125 | 90  | 10  | 125 | 93,50 | 30    | 357,50 | 5 | 22 | 12 | 106 | 45 | 9  | 30,10 |
| 8 X 1/2" | M2-48151-500 | 1/2" NPT  | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 48,90 |
| 8 X 1/2" | M2-48152-200 | 1/2" BSP  | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 48,90 |
| 8 X 1/2" | M2-48153-200 | 1/2" BSPP | 140 | 100 | 13  | 145 | 122   | 37,40 | 445    | 5 | 40 | 14 | 120 | 55 | 10 | 48,90 |

Multiports

# M2-SR10

Media Type  
**Hydraulic Oil, Water,  
Air - Vacuum**

Max. Speed  
**200 RPM**

Max. Pressure  
**200 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**NPT, BSPP, BSPT**

Rotor Size  
**10 x 1/4" - 10 x 1/2"**

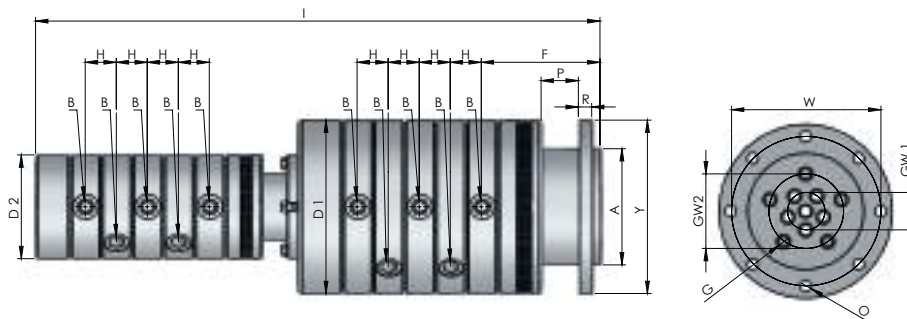


- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions.

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE      | MODEL NO      | B         | Y Ø | A Ø | G Ø | D Ø       | F      | H             | I   | S  | P  | R  | W   | GW      | O  | KG     |
|-----------|---------------|-----------|-----|-----|-----|-----------|--------|---------------|-----|----|----|----|-----|---------|----|--------|
| 10 X 1/4" | M2-410080-200 | 1/4" NPT  | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478 | 7  | 42 | 12 | 130 | 20 / 55 | 9  | 37,50  |
| 10 X 1/4" | M2-410082-200 | 1/4" BSP  | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478 | 7  | 42 | 12 | 130 | 20 / 56 | 9  | 37,50  |
| 10 X 1/4" | M2-410083-200 | 1/4" BSPP | 150 | 90  | 7   | 150 / 80  | 116,50 | 25,40 / 23,40 | 478 | 7  | 42 | 12 | 130 | 20 / 56 | 9  | 37,50  |
| 10 X 3/8" | M2-410101-200 | 3/8" NPT  | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558 | 10 | 40 | 15 | 165 | 28 / 70 | 11 | 65,75  |
| 10 X 3/8" | M2-410102-200 | 3/8" BSP  | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558 | 10 | 40 | 15 | 165 | 28 / 70 | 11 | 65,75  |
| 10 X 3/8" | M2-410103-200 | 3/8" BSPP | 196 | 125 | 10  | 179 / 108 | 124    | 30            | 558 | 10 | 40 | 15 | 165 | 28 / 70 | 11 | 65,75  |
| 10 X 1/2" | M2-410151-200 | 1/2" NPT  | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680 | 10 | 45 | 16 | 170 | 45 / 90 | 13 | 106,15 |
| 10 X 1/2" | M2-410152-200 | 1/2" BSP  | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680 | 10 | 45 | 16 | 170 | 45 / 90 | 13 | 106,15 |
| 10 X 1/2" | M2-410153-200 | 1/2" BSPP | 209 | 140 | 13  | 109 / 125 | 143    | 37,40         | 680 | 10 | 45 | 16 | 170 | 45 / 90 | 13 | 106,15 |



Multiports

# M2-SR12

Media Type  
**Hydraulic Oil, Water,  
Air - Vacuum**

Max. Speed  
**200 RPM**

Max. Pressure  
**200 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**NPT, BSPP, BSPT**

Rotor Size  
**12 x 1/4" - 12 x 1/2"**

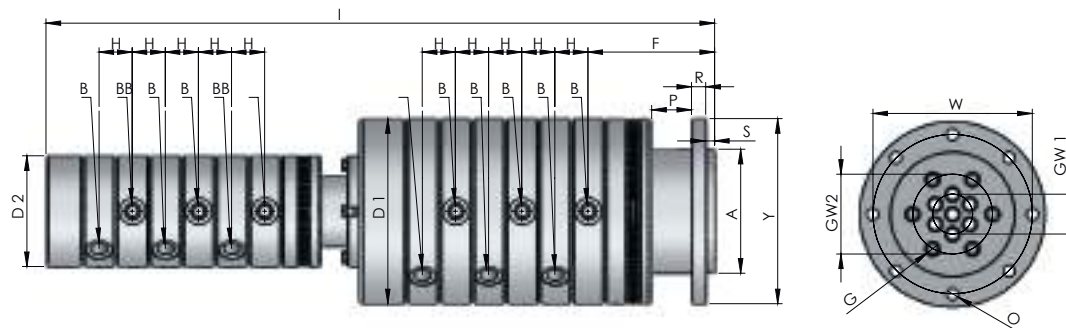


- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions.

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE      | MODEL NO      | B         | Y Ø | A Ø | G Ø | D Ø       | F      | H     | I   | S  | P  | R  | W   | GW      | O  | KG     |
|-----------|---------------|-----------|-----|-----|-----|-----------|--------|-------|-----|----|----|----|-----|---------|----|--------|
| 12 X 1/4" | M2-412081-200 | 1/4" NPT  | 180 | 120 | 7   | 180 / 108 | 121,50 | 25,40 | 577 | 7  | 42 | 12 | 160 | 38 / 70 | 9  | 67     |
| 12 X 1/4" | M2-412082-200 | 1/4" BSP  | 180 | 120 | 7   | 180 / 108 | 121,50 | 25,40 | 577 | 7  | 42 | 12 | 160 | 38 / 70 | 9  | 67     |
| 12 X 1/4" | M2-412083-200 | 1/4" BSPP | 180 | 120 | 7   | 180 / 108 | 121,50 | 25,40 | 577 | 7  | 42 | 12 | 160 | 38 / 70 | 9  | 67     |
| 12 X 3/8" | M2-412101-200 | 3/8" NPT  | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622 | 10 | 40 | 15 | 165 | 36 / 70 | 11 | 73,30  |
| 12 X 3/8" | M2-412102-200 | 3/8" BSP  | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622 | 10 | 40 | 15 | 165 | 36 / 70 | 11 | 73,30  |
| 12 X 3/8" | M2-412103-200 | 3/8" BSPP | 196 | 125 | 10  | 179 / 108 | 124    | 30    | 622 | 10 | 40 | 15 | 165 | 36 / 70 | 11 | 73,30  |
| 12 X 1/2" | M2-412151-200 | 1/2" NPT  | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755 | 10 | 45 | 16 | 170 | 45 / 90 | 13 | 118,50 |
| 12 X 1/2" | M2-412152-200 | 1/2" BSP  | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755 | 10 | 45 | 16 | 170 | 45 / 90 | 13 | 118,50 |
| 12 X 1/2" | M2-412153-200 | 1/2" BSPP | 209 | 140 | 13  | 209 / 125 | 143    | 37,40 | 755 | 10 | 45 | 16 | 170 | 45 / 90 | 13 | 118,50 |





# ROTOTECH ROTARY JOINTS

## — M3 SERIES — MULTI-PASSAGE TECHNOLOGY



### HIGH PERFORMANCE

Built for continuous industrial operation



### RELIABLE & DURABLE

Leak-free, long service life with multi-passage design



### VERSATILE CONNECTIONS

Suitable for steam, thermal oil, water, air & hydraulic systems



# M3 SERIES



# Multiports

## M3-A2

Media Type  
**Air / Gas**

Max. Speed  
**500 RPM**

Max. Pressure  
**40 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**NPT, BSPP, BSPT**

Rotor Size  
**2 x 1/4" - 2 x 3/4"**

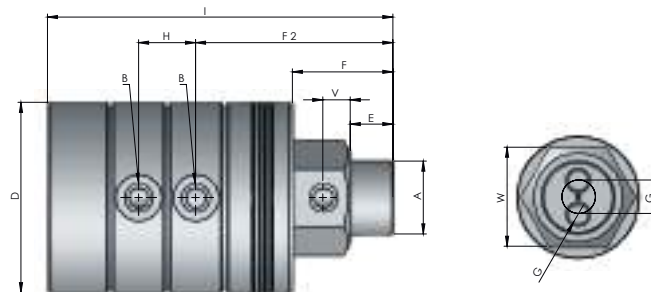


- ✓ Threaded connection
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Chrom plated sealing surface
- ✓ Aluminium body
- ✓ Custom connections types are available

Multi-pass rotary unions.

**!** Do not operate without fluid.

### DIMENSIONS



| SIZE     | MODEL NO      | B         | A (RH)      | GØ | E  | F  | DØ  | I      | F 2    | H     | V  | GWØ | W  | KG    |
|----------|---------------|-----------|-------------|----|----|----|-----|--------|--------|-------|----|-----|----|-------|
| 2 X 1/4" | M3-32081-2110 | 1/4" NPT  | 1" NPT      | 7  | 19 | 57 | 80  | 162,50 | 98     | 23,4  | 17 | 15  | 46 | 2,50  |
| 2 X 1/4" | M3-32082-2210 | 1/4" BSP  | 1" BSP      | 7  | 19 | 57 | 80  | 162,50 | 98     | 23,4  | 17 | 15  | 46 | 2,50  |
| 2 X 1/4" | M3-32083-2310 | 1/4" BSPP | 1" BSPP     | 7  | 19 | 57 | 80  | 162,50 | 98     | 23,4  | 17 | 15  | 46 | 2,50  |
| 2 X 1/4" | M3-32081-2112 | 1/4" NPT  | 1 1/4" NPT  | 7  | 28 | 66 | 80  | 171,50 | 107    | 23,4  | 17 | 20  | 55 | 3     |
| 2 X 1/4" | M3-32082-2212 | 1/4" BSP  | 1 1/4" BSP  | 7  | 28 | 66 | 80  | 171,50 | 107    | 23,4  | 17 | 20  | 55 | 3     |
| 2 X 1/4" | M3-32083-2312 | 1/4" BSPP | 1 1/4" BSPP | 7  | 28 | 66 | 80  | 171,50 | 107    | 23,4  | 17 | 20  | 55 | 3     |
| 2 X 3/8" | M3-32101-2112 | 3/8" NPT  | 1 1/4" NPT  | 10 | 28 | 66 | 80  | 190    | 113    | 30    | 17 | 18  | 55 | 3,20  |
| 2 X 3/8" | M3-32102-2212 | 3/8" BSP  | 1 1/4" BSP  | 10 | 28 | 66 | 80  | 190    | 113    | 30    | 17 | 18  | 55 | 3,20  |
| 2 X 3/8" | M3-32103-2312 | 3/8" BSPP | 1 1/4" BSPP | 10 | 28 | 66 | 80  | 190    | 113    | 30    | 17 | 18  | 55 | 3,20  |
| 2 X 1/2" | M3-32151-2114 | 1/2" NPT  | 1 1/2" NPT  | 13 | 28 | 66 | 125 | 226,80 | 129,50 | 37,40 | 18 | 22  | 65 | 9,65  |
| 2 X 1/2" | M3-32152-2214 | 1/2" BSP  | 1 1/2" BSP  | 13 | 28 | 66 | 125 | 226,80 | 129,50 | 37,40 | 18 | 22  | 65 | 9,65  |
| 2 X 1/2" | M3-32153-2314 | 1/2" BSPP | 1 1/2" BSPP | 13 | 28 | 66 | 125 | 226,80 | 129,50 | 37,40 | 18 | 22  | 65 | 9,65  |
| 2 X 3/4" | M3-32201-2116 | 3/4" NPT  | 2" NPT      | 18 | 30 | 90 | 135 | 261,80 | 155,50 | 43,40 | 25 | 27  | 70 | 12,40 |
| 2 X 3/4" | M3-32202-2216 | 3/4" BSP  | 2" BSP      | 18 | 30 | 90 | 135 | 261,80 | 155,50 | 43,40 | 25 | 27  | 70 | 12,40 |
| 2 X 3/4" | M3-32203-2316 | 3/4" BSPP | 2" BSPP     | 18 | 30 | 90 | 135 | 261,80 | 155,50 | 43,40 | 25 | 27  | 70 | 12,40 |

# Multiports M3-A3

Media Type  
**Air / Gas**

Max. Speed  
**500 RPM**

Max. Pressure  
**40 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**NPT, BSPP, BSPT**

Rotor Size  
**3 x 1/4" - 3 x 3/4"**

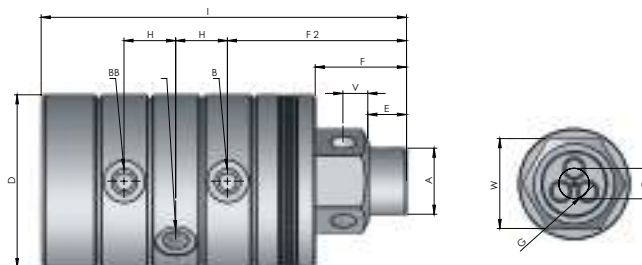


- ✓ Threaded connection
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Chrom plated sealing surface
- ✓ Aluminium body
- ✓ Custom connections types are available

Multi-pass rotary unions.

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO      | B         | A (RH)      | GØ | E  | F  | DØ  | I      | F 2    | H     | V  | GWØ | W  | KG    |
|----------|---------------|-----------|-------------|----|----|----|-----|--------|--------|-------|----|-----|----|-------|
| 3 X 1/4" | M3-33081-2110 | 1/4" NPT  | 1" NPT      | 7  | 19 | 57 | 80  | 188    | 98     | 23,40 | 17 | 15  | 46 | 3     |
| 3 X 1/4" | M3-33082-2210 | 1/4" BSP  | 1" BSP      | 7  | 19 | 57 | 80  | 188    | 98     | 23,40 | 17 | 15  | 46 | 3     |
| 3 X 1/4" | M3-33083-2310 | 1/4" BSPP | 1" BSPP     | 7  | 19 | 57 | 80  | 188    | 98     | 23,40 | 17 | 15  | 46 | 3     |
| 3 X 1/4" | M3-33081-2112 | 1/4" NPT  | 1 1/4" NPT  | 7  | 28 | 66 | 80  | 197    | 107    | 23,40 | 17 | 20  | 55 | 3,25  |
| 3 X 1/4" | M3-33082-2212 | 1/4" BSP  | 1 1/4" BSP  | 7  | 28 | 66 | 80  | 197    | 107    | 23,40 | 17 | 20  | 55 | 3,25  |
| 3 X 1/4" | M3-33083-2312 | 1/4" BSPP | 1 1/4" BSPP | 7  | 28 | 66 | 80  | 197    | 107    | 23,40 | 17 | 20  | 55 | 3,25  |
| 3 X 3/8" | M3-33101-2112 | 3/8" NPT  | 1 1/4" NPT  | 10 | 28 | 66 | 80  | 220,30 | 113    | 30    | 17 | 18  | 55 | 3,60  |
| 3 X 3/8" | M3-33102-2212 | 3/8" BSP  | 1 1/4" BSP  | 10 | 28 | 66 | 80  | 220,30 | 113    | 30    | 17 | 18  | 55 | 3,60  |
| 3 X 3/8" | M3-33103-2312 | 3/8" BSPP | 1 1/4" BSPP | 10 | 28 | 66 | 80  | 220,30 | 113    | 30    | 17 | 18  | 55 | 3,60  |
| 3 X 1/2" | M3-33151-2114 | 1/2" NPT  | 1 1/2" NPT  | 13 | 28 | 66 | 125 | 264,20 | 129,50 | 37,40 | 18 | 22  | 65 | 11,30 |
| 3 X 1/2" | M3-33152-2214 | 1/2" BSP  | 1 1/2" BSP  | 13 | 28 | 66 | 125 | 264,20 | 129,50 | 37,40 | 18 | 22  | 65 | 11,30 |
| 3 X 1/2" | M3-33153-2314 | 1/2" BSPP | 1 1/2" BSPP | 13 | 28 | 66 | 125 | 264,20 | 129,50 | 37,40 | 18 | 22  | 65 | 11,30 |
| 3 X 3/4" | M3-33201-2116 | 3/4" NPT  | 2" NPT      | 18 | 30 | 90 | 135 | 305,20 | 155,50 | 43,40 | 25 | 27  | 70 | 14,30 |
| 3 X 3/4" | M3-33202-2216 | 3/4" BSP  | 2" BSP      | 18 | 30 | 90 | 135 | 305,20 | 155,50 | 43,40 | 25 | 27  | 70 | 14,30 |
| 3 X 3/4" | M3-33203-2316 | 3/4" BSPP | 2" BSPP     | 18 | 30 | 90 | 135 | 305,20 | 155,50 | 43,40 | 25 | 27  | 70 | 14,30 |



# M3-A4

Media Type  
**Air / Gas**

Max. Speed  
**500 RPM**

Max. Pressure  
**40 BAR**

Max. Temperature  
**80 °C**

Connection Type  
**NPT, BSPP, BSPT**

Rotor Size  
**4 x 1/4" - 4 x 1/2"**

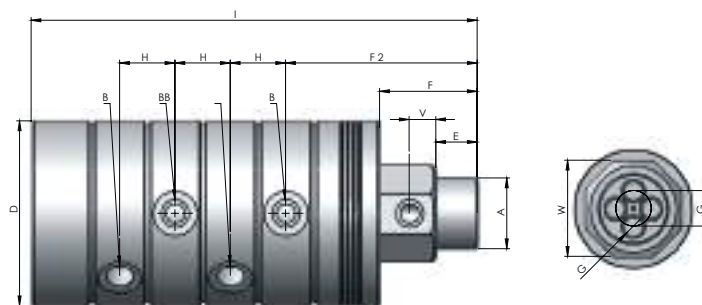


- ✓ Threaded connection
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Chrom plated sealing surface
- ✓ Aluminium body
- ✓ Custom connections types are available

Multi-pass rotary unions.

**!** Do not operate without fluid.

## DIMENSIONS



| SIZE     | MODEL NO      | B         | A (RH)      | GØ | E  | F  | DØ  | I      | F 2    | H     | V  | GWØ | W  | KG    |
|----------|---------------|-----------|-------------|----|----|----|-----|--------|--------|-------|----|-----|----|-------|
| 4 X 1/4" | M3-34081-2112 | 1/4" NPT  | 1 1/4" NPT  | 7  | 28 | 66 | 80  | 220,30 | 107    | 23,40 | 17 | 20  | 55 | 3,55  |
| 4 X 1/4" | M3-34082-2212 | 1/4" BSP  | 1 1/4" BSP  | 7  | 28 | 66 | 80  | 220,30 | 107    | 23,40 | 17 | 20  | 55 | 3,55  |
| 4 X 1/4" | M3-34083-2312 | 1/4" BSPP | 1 1/4" BSPP | 7  | 28 | 66 | 80  | 220,30 | 107    | 23,40 | 17 | 20  | 55 | 3,55  |
| 4 X 3/8" | M3-34101-2112 | 3/8" NPT  | 1 1/4" NPT  | 10 | 28 | 66 | 98  | 256,50 | 116,20 | 30    | 17 | 20  | 55 | 6     |
| 4 X 3/8" | M3-34102-2212 | 3/8" BSP  | 1 1/4" BSP  | 10 | 28 | 66 | 98  | 256,50 | 116,20 | 30    | 17 | 20  | 55 | 6     |
| 4 X 3/8" | M3-34103-2312 | 3/8" BSPP | 1 1/4" BSPP | 10 | 28 | 66 | 98  | 256,50 | 116,20 | 30    | 17 | 20  | 55 | 6     |
| 4 X 1/2" | M3-34151-2114 | 1/2" NPT  | 1 1/2" NPT  | 13 | 28 | 66 | 125 | 301,60 | 129,50 | 37,40 | 18 | 22  | 65 | 12,80 |
| 4 X 1/2" | M3-34152-2214 | 1/2" BSP  | 1 1/2" BSP  | 13 | 28 | 66 | 125 | 301,60 | 129,50 | 37,40 | 18 | 22  | 65 | 12,80 |
| 4 X 1/2" | M3-34153-2314 | 1/2" BSPP | 1 1/2" BSPP | 13 | 28 | 66 | 125 | 301,60 | 129,50 | 37,40 | 18 | 22  | 65 | 12,80 |





# Rototech®

PRECISION IN MOTION, PERFORMANCE IN EVERY CONNECTION.



QUALITY FIRST



CUSTOMER FOCUSED



ENGINEERING EXPERTISE



RELIABLE PERFORMANCE



GLOBAL SOLUTIONS



+90 507 374 17 03



sales@rototech.com.tr

FOLLOW US



@rototech