

ROTOTECH ROTARY UNION SPECIAL CATALOG FOR PLASTIC / POLYESTER / PACKAGING / PETROCHEMICAL

ENGINEERED FOR EXCELLENCE.
BUILT FOR YOUR INDUSTRY.



HIGH
PERFORMANCE



RELIABLE &
DURABLE



LONG
SERVICE LIFE



BUILT TO INDUSTRY
STANDARDS

TRUSTED SOLUTIONS. STRONG PARTNERSHIP. SUPERIOR RESULTS.

ROTOTECH ROTARY UNION

Engineered for Continuous Performance.
Built for Industrial Reliability.

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.



WHY ROTOTECH?



RELIABLE PERFORMANCE

High-quality rotary unions designed for continuous operation and maximum system reliability in demanding industrial 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



RELIABLE ROTARY UNION SOLUTIONS
FOR INDUSTRIAL APPLICATIONS

Proud to Support



PLASTICS



PACKAGING



PETROCHEMICAL

ROTOTECH ROTARY JOINTS

Precision Fluid Transfer Solutions
Engineered for Performance.
Designed for Reliability.



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 between fixed and rotating components.



OPTIMIZED FOR INDUSTRY

Widely used in plastics & rubber, paper, steel, printing, packaging, textiles, food processing, and energy production industries.



ENGINEERED FOR RELIABILITY

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



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 and reduced maintenance costs.



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

ROTOTECH SWIVEL JOINT

Engineered for Performance
Designed for the Industry.



PLASTIC



PACKAGING



PETROCHEMICAL



POLYESTER

Reliable fluid transfer for demanding processes in plastic, packaging, petrochemical and polyester industries.



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 plastic extrusion, film blowing, packaging machines, petrochemical plants and polyester production lines.



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.



HIGH DURABILITY

Robust design for long service life and reliable performance in industrial environments.



WIDE OPERATING RANGE

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



CUSTOM ENGINEERING

Tailored solutions to meet specific application requirements.

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

ROTOTECH

MULTI-PASSAGE JOINT

Engineered for Motion.
Built for Reliability.



PLASTIC



PACKAGING



PETROCHEMICAL



POLYESTER



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.

- 

It 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 heavy-duty conditions.
- 

WIDE OPERATING RANGE
Suitable for a wide range of pressures, temperatures and media combinations.
- 

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



ROTOTECH ROTARY JOINTS

— 100 SERIES —



100
S E R I E S



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**



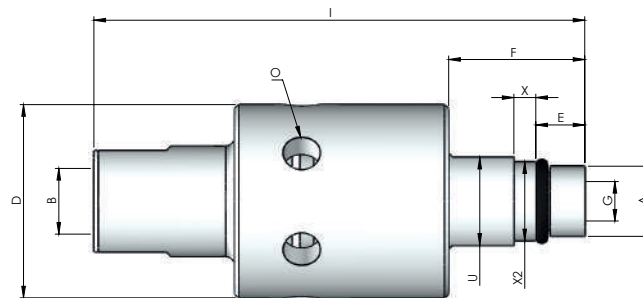
- ✓ For CNC machines and vertical machining centers
- ✓ Easy assembling, high rpm
- ✓ Drainage holes and many thread options Metric, BSP, NPT, UNF etc..
- ✓ Silicon Carbide sealing parts

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**

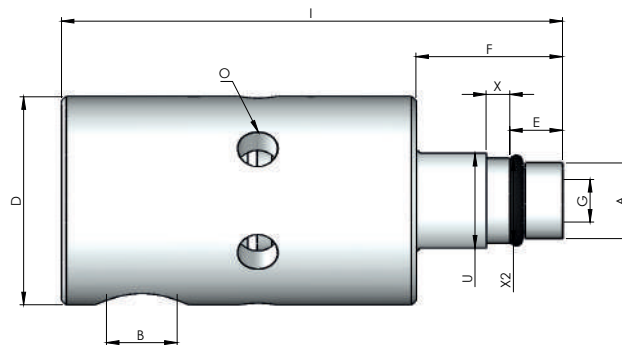


- ✓ For CNC machines and vertical machining centers
- ✓ Easy assembling, high rpm
- ✓ Drainage holes and many thread options Metric, BSP, NPT, UNF etc..
- ✓ Silicon Carbide sealing parts

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



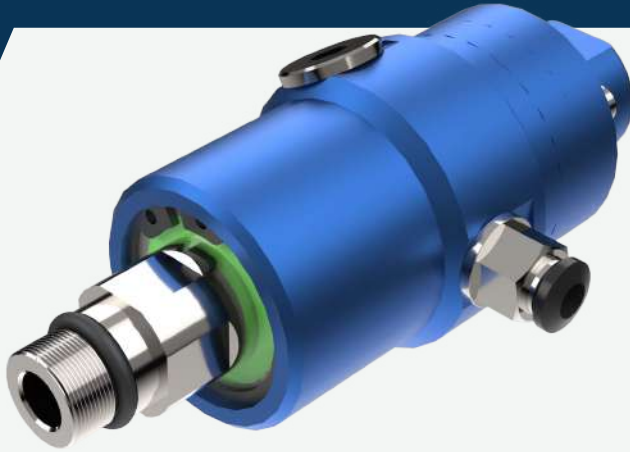
Max. Temperature
70 °C



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



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



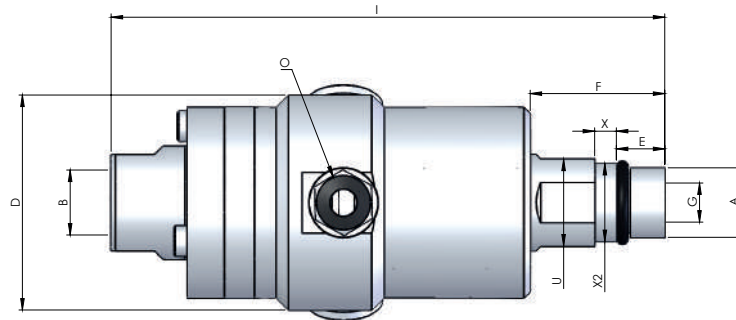
- ✓ Boron oil coolant rotary joint
- ✓ Full capacity fluid transfer
- ✓ Silicon Carbide sealing parts
- ✓ Aluminum, anti - corrosion body
- ✓ Special thread type or BSP, NPT, UNF ..
- ✓ Drainage holes
- ✓ Easy assembling

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**



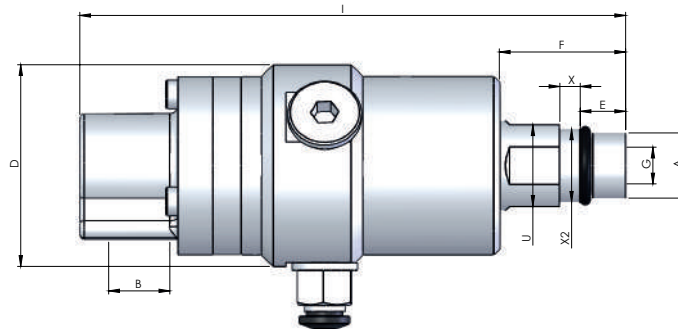
- ✓ Boron oil coolant rotary joint
- ✓ Full capacity fluid transfer
- ✓ Silicon Carbide sealing parts
- ✓ Aluminum, anti - corrosion body
- ✓ Special thread type or BSP, NPT, UNF ..
- ✓ Drainage holes
- ✓ Easy assembling

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**



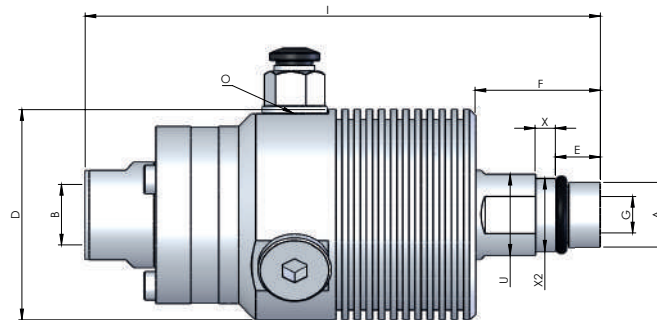
- ✓ Boron oil coolant rotary joint
- ✓ Full capacity fluid transfer
- ✓ Silicon Carbide sealing parts
- ✓ Aluminum, anti - corrosion body
- ✓ Special thread type or BSP, NPT, UNF ..
- ✓ Drainage holes
- ✓ Easy assembling

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**



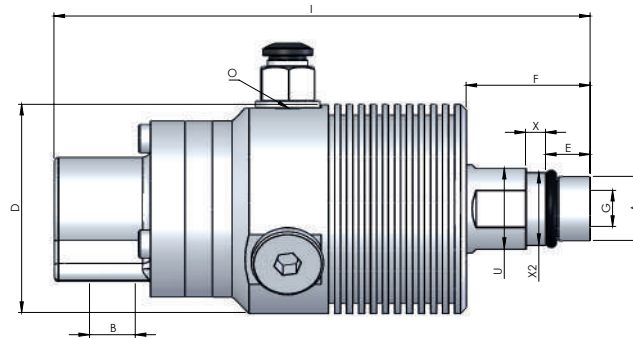
- ✓ Boron oil coolant rotary joint
- ✓ Full capacity fluid transfer
- ✓ Silicon Carbide sealing parts
- ✓ Aluminum, anti - corrosion body
- ✓ Special thread type or BSP, NPT, UNF ..
- ✓ Drainage holes
- ✓ Easy assembling

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

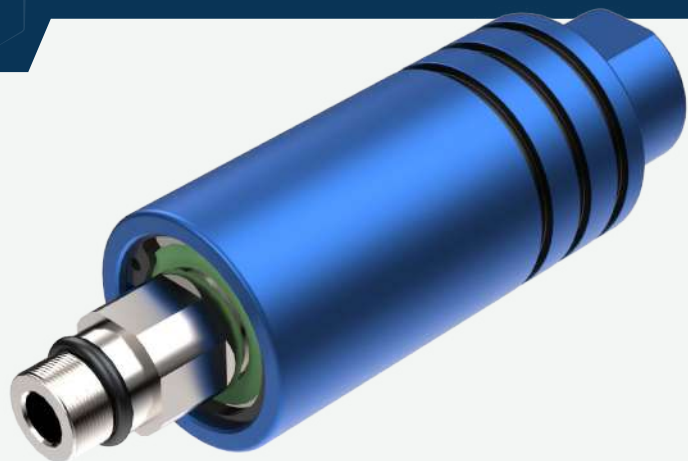
Max. Speed
8.000 RPM

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**

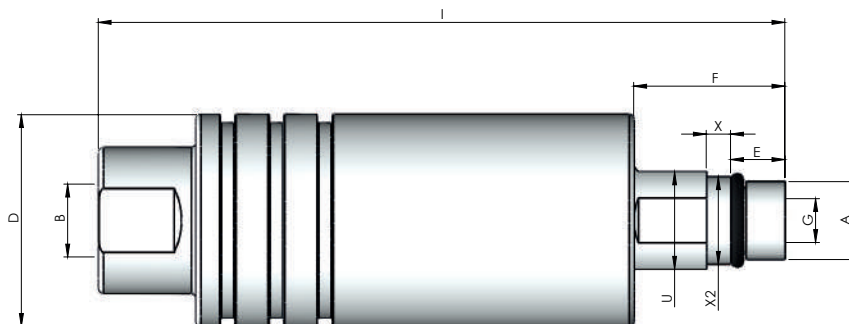


- ✓ Boron oil coolant rotary joint
- ✓ Full capacity fluid transfer
- ✓ Silicon Carbide sealing parts
- ✓ Aluminum, anti - corrosion body
- ✓ Easy assembling

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**



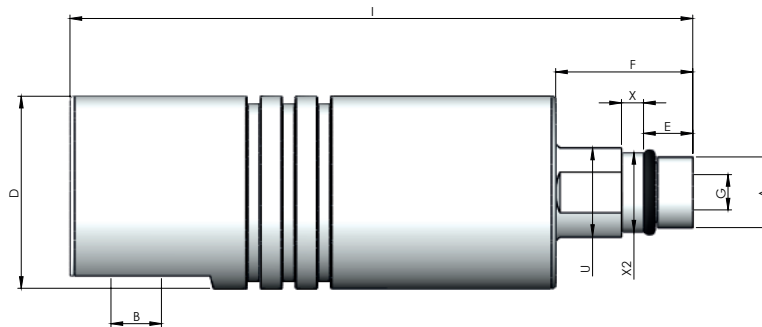
- ✓ Boron oil coolant rotary joint
- ✓ Full capacity fluid transfer
- ✓ Silicon Carbide sealing parts
- ✓ Aluminum, anti - corrosion body
- ✓ Easy assembling

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

Rotary Union Solutions for the **Plastic** Industry

Engineered for the most demanding applications in **Plastic**, **Polyester**, **Packaging**, **PET** and **Petrochemical** industries.



PLASTIC



POLYESTER



AMBALAJ



PET



PETROKİMYA



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www.rototech.com.tr



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 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

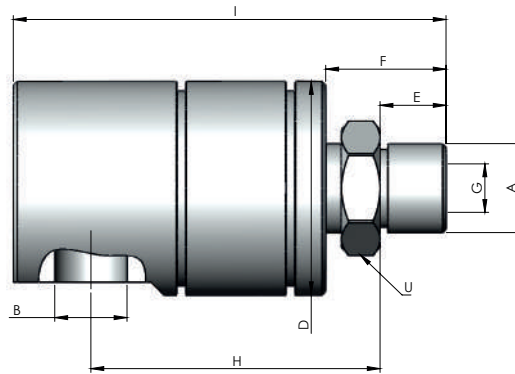


For Air & Vacuum rotary joints

- ✓ 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



ROTOTECH ROTARY JOINTS

— 3000 SERIES —



3000
S E R I E S

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



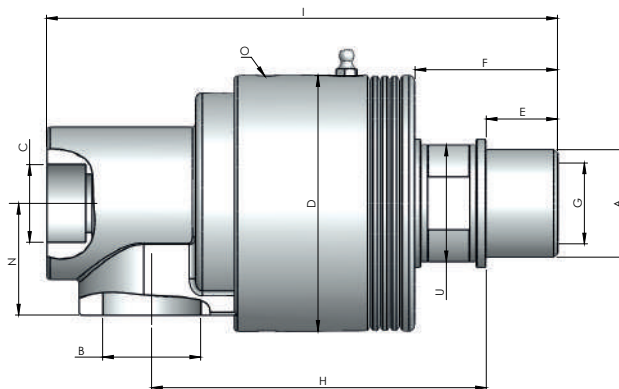
Rotary Joint for water & general purpose

- ✓ 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



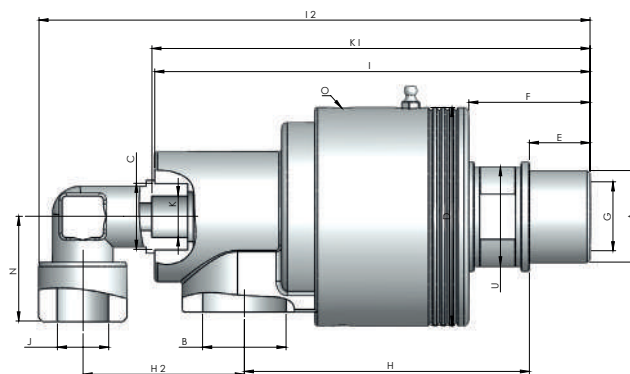
- ✓ Dual flow
- ✓ Balanced mechanical sealing
- ✓ Silicon carbide sealing components
- ✓ Aluminium body and stainless steel shaft/rotor
- ✓ Threaded, Qr & flanged connection

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



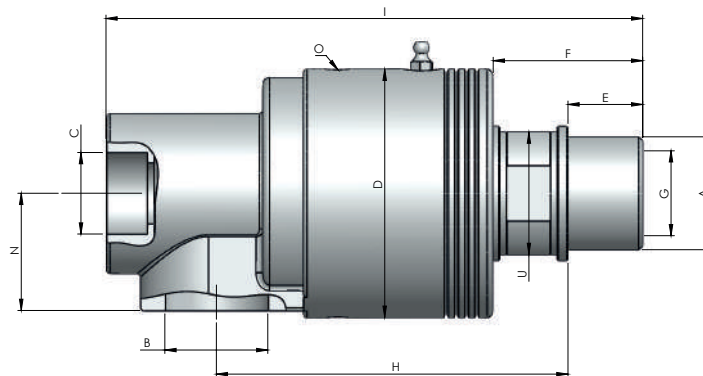
- ✓ Single flow design
- ✓ Balanced mechanical sealing
- ✓ Electroless nickel-plated steel body and stainless steel shaft/rotor
- ✓ Silicon carbide sealing components
- ✓ Threaded, Qr & flanged connection

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	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



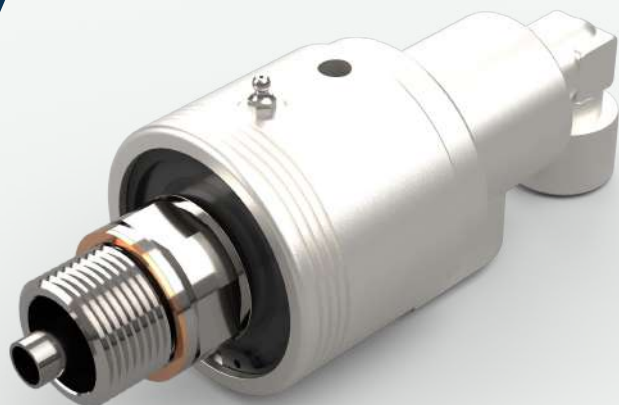
Connection Type

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



Rotor Size

1/2" DN15 - 4" DN100



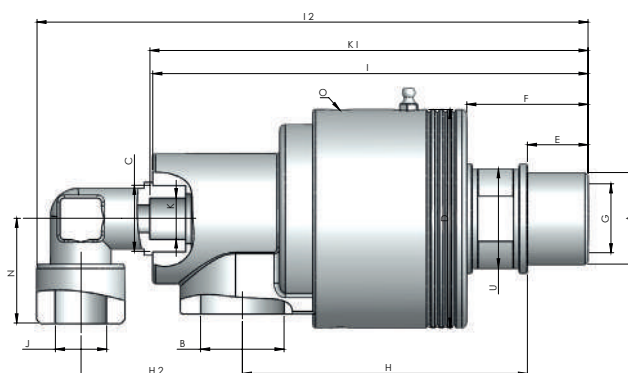
Rotary Joint for water & general purpose

- ✓ 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



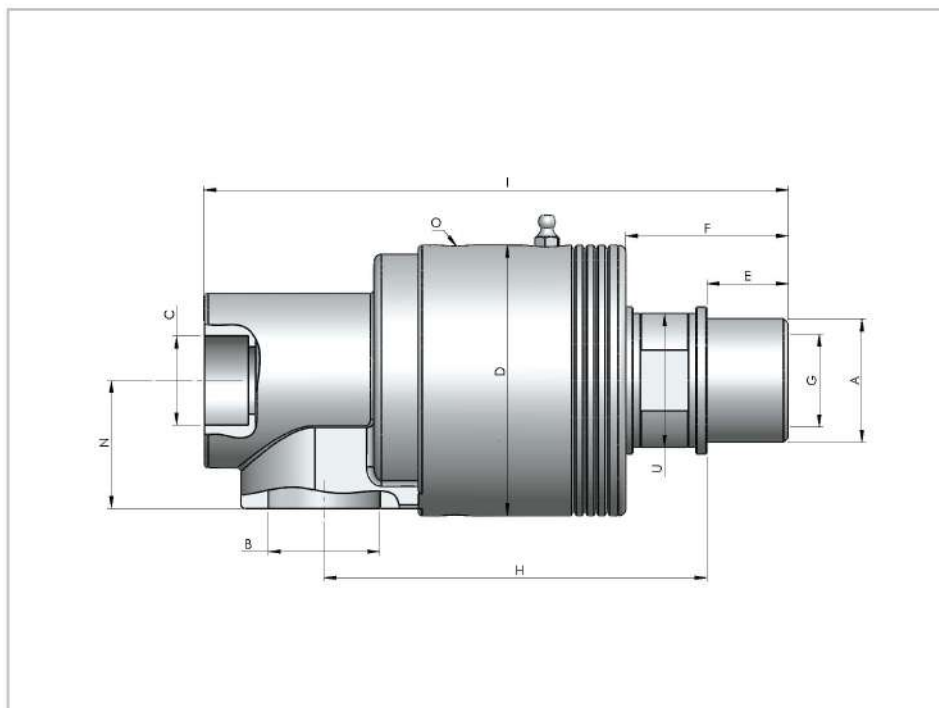
- ✓ Single flow
- ✓ Balanced mechanical sealing
- ✓ Forged brass housing
- ✓ Silicon carbide sealing components
- ✓ Stainless steel shaft and inner parts
- ✓ Threaded, Qr & flanged connection

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	3050-011-106	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

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



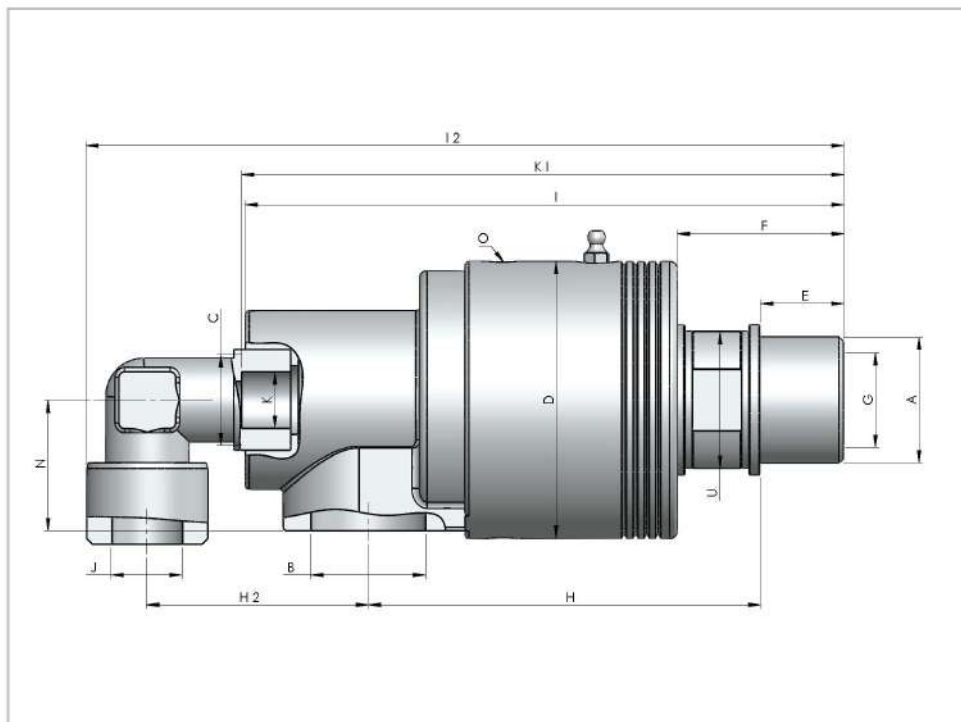
- ✓ Dual flow
- ✓ Balanced mechanical sealing
- ✓ Forged brass housing
- ✓ Silicon carbide sealing components
- ✓ Stainless steel shaft and inner parts
- ✓ Threaded, Qr & flanged connection

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



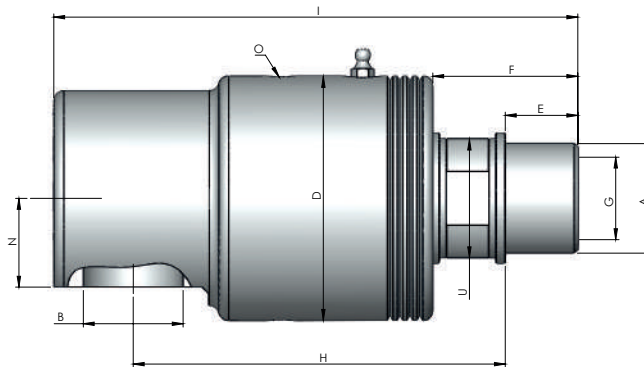
- ✓ Single flow
- ✓ Balanced mechanical sealing
- ✓ Silicon carbide sealing components
- ✓ Stainless Steel Shaft/Rotor
- ✓ Threaded, Qr & flanged connection

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



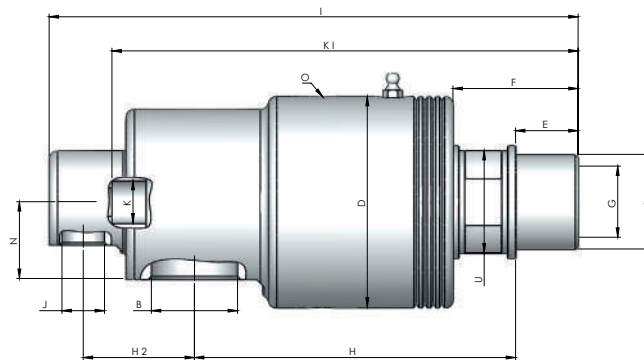
Rotary Joint for water & general purpose

- ✓ 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



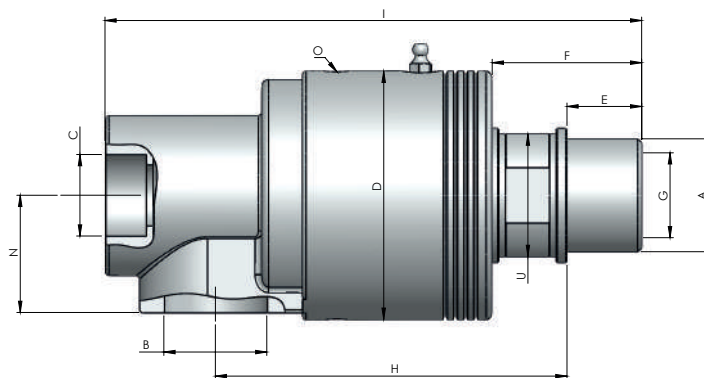
- ✓ Single flow design
- ✓ Balanced mechanical sealing
- ✓ Forged brass housing
- ✓ Silicon carbide sealing components
- ✓ Stainless steel shaft and inner parts
- ✓ Threaded, Qr & flanged connection

Rotary Joint for water & general purpose



Do not operate without fluid.

DIMENSIONS



SIZE	B	MODEL NO	A	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



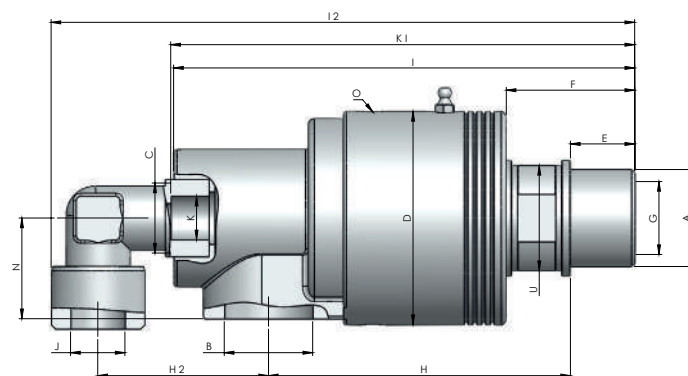
Rotary Joint for water & general purpose

- ✓ 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



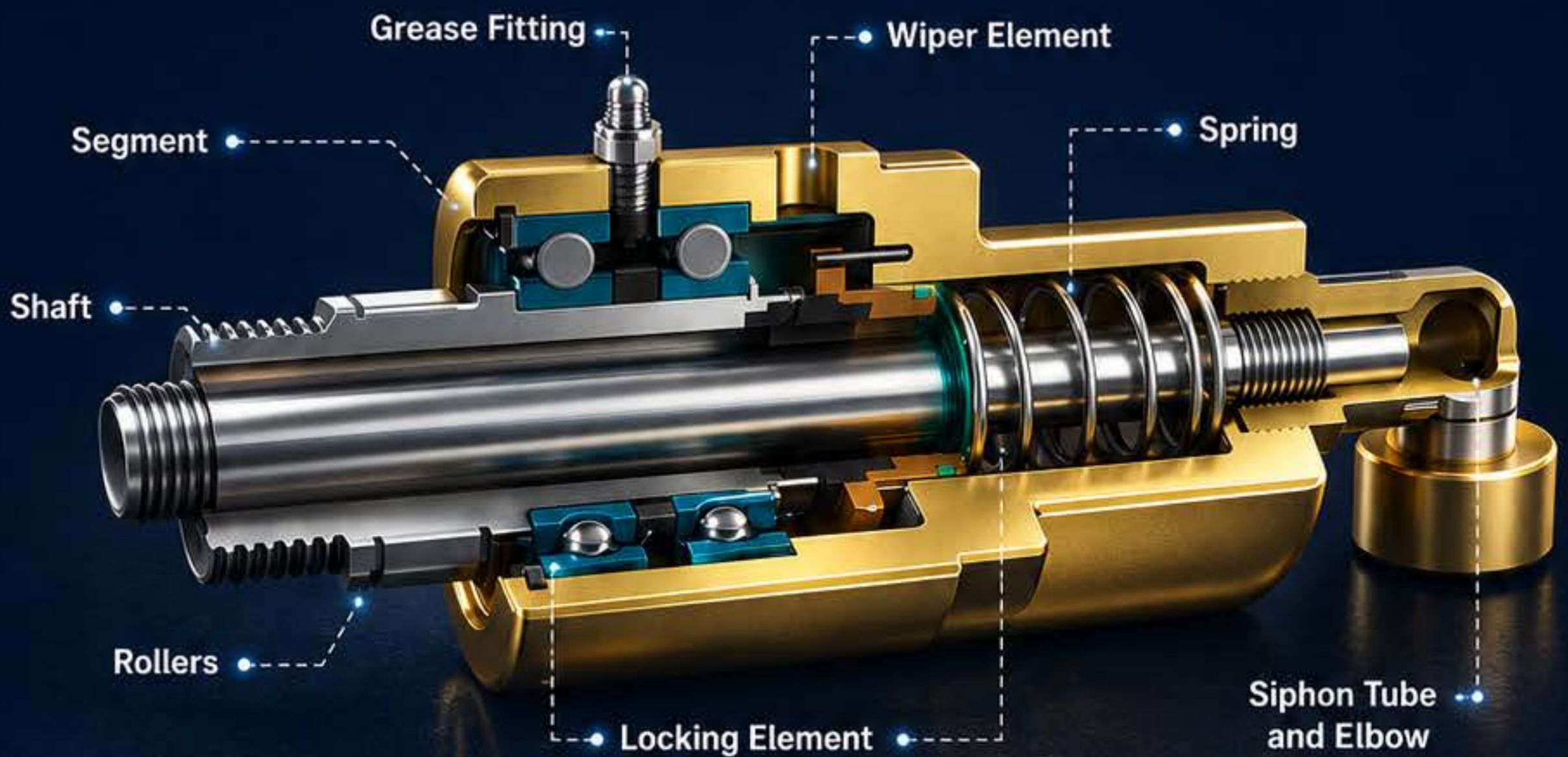
SIZE	B	J	MODEL NO	A	C	DØ	I	I 2	E	F	K	K I	GØ	H	H 2	N	U	LØ	S	T	OØ	KG
15	1/2" NPT	3/8" NPT	3050-036-106D	1/2" NPT - RH	3/8" NPT	57	121	151	19	34	1/4" BSPP	120	13	81,50	39,50	25,00	26				8,5 (2x180°)	1,25
15	1/2" NPT	3/8" NPT	3050-036-107D	1/2" NPT - LH	3/8" NPT	57	121	151	19	34	1/4" BSPP	120	13	81,50	39,50	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



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.



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and long-lasting performance



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production lines.



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operation in plastic
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4000

SERIES

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ENGINEERING EXPERTISE

Advanced technology,
precision engineering



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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



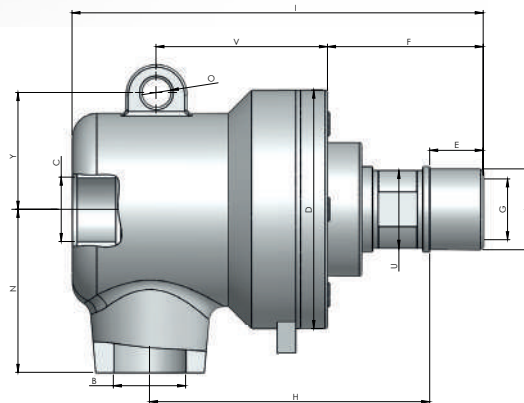
- ✓ Single & duoflow design
- ✓ Nodular casting housing
- ✓ Stainless steel shaft and inner components
- ✓ Carbon Graphite (Antimony)sealing parts
- ✓ Stationary or rotating siphon system
- ✓ Threaded, Qr & flanged connection

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



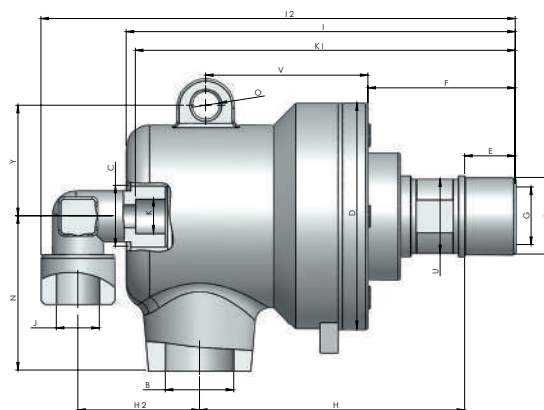
Rotary joint for Hot Oil (Max. 280°C)

- ✓ 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



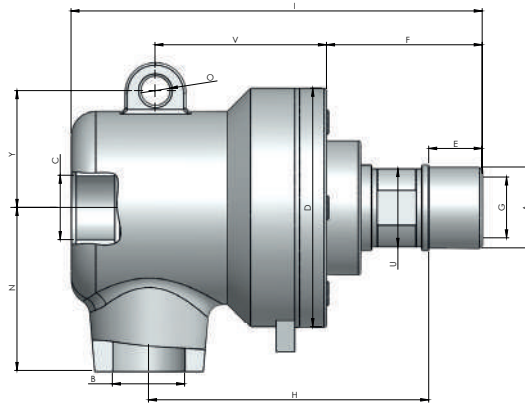
- ✓ Single & duoflow design
- ✓ Nodular casting housing
- ✓ Stainless steel shaft and inner components
- ✓ Carbon Graphite sealing parts
- ✓ Stationary or rotating siphon system
- ✓ Threaded, Qr & flanged connection

Rotary Joint for Steam



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



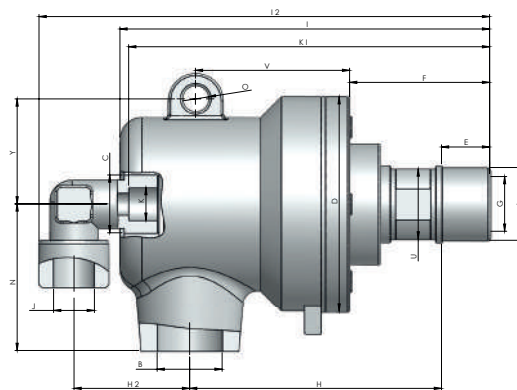
Rotary Joint for Steam

- ✓ 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



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



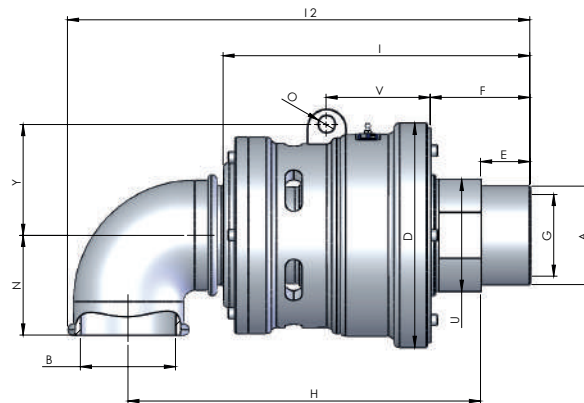
Rotary Joint for water & general purpose

- ✓ 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	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**



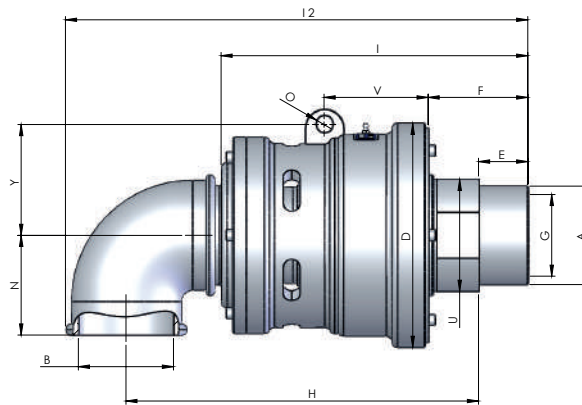
Rotary Joint for water & general purpose

- ✓ 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**



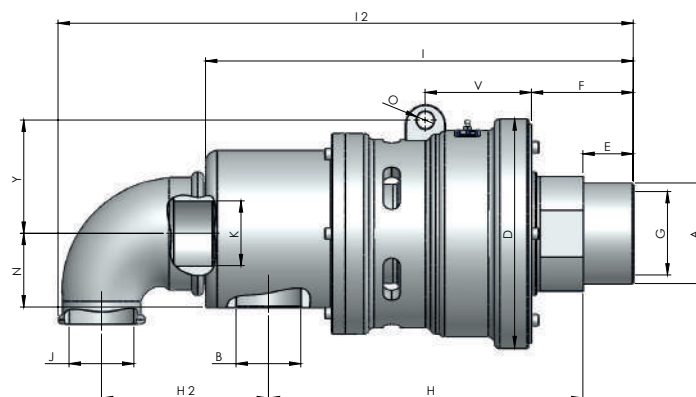
Rotary Joint for water & general purpose

- ✓ 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**



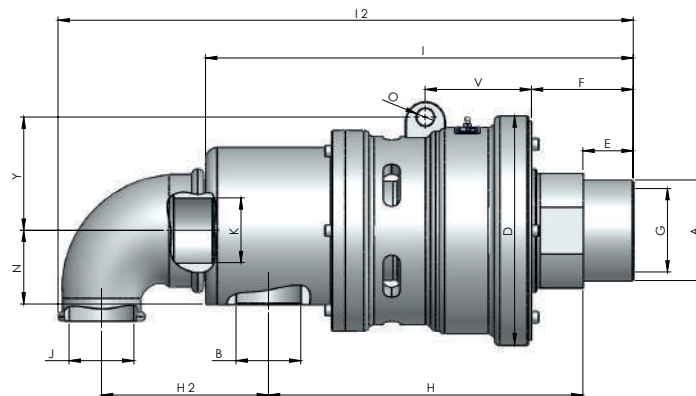
Rotary Joint for water & general purpose

- ✓ 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**



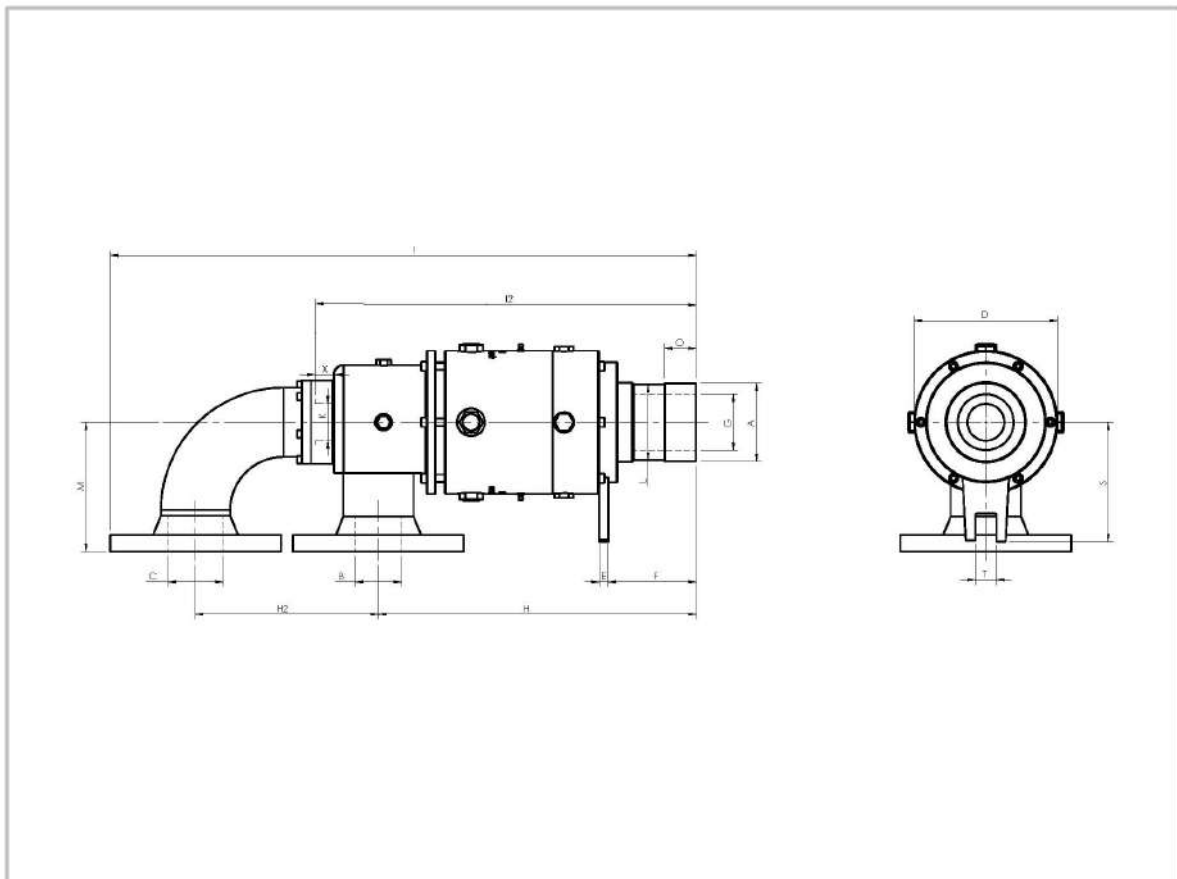
Rotary Joint for Hot Water

- ✓ 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



ENGINEERED FOR MOTION. BUILT FOR INDUSTRY.

Rototech rotary joints are precision engineered to transfer fluids reliably from stationary to rotating equipment — even in the most demanding industrial environments.



RELIABLE FLUID TRANSFER

Ensures uninterrupted transfer of liquids and gases from stationary to rotating parts.



LEAK-FREE OPERATION

Advanced sealing technology delivers secure performance with minimal leakage.



ENGINEERED TO LAST

Robust construction for long service life and reduced maintenance.



HIGH-PERFORMANCE DESIGN

Built to handle high pressure, high speed and extreme conditions.



CUSTOM SOLUTIONS

Tailored designs to meet your specific application requirements.

TRUSTED SOLUTIONS FOR CRITICAL INDUSTRIES



CHEMICAL PROCESSING

- Reactors
- Mixers
- Dryers
- Heat Exchangers



PETROCHEMICAL & REFINING

- Distillation Units
- Crude Oil Coolers
- Transfer Lines
- Pumps



PLASTICS & RUBBER

- Extruders
- Calenders
- Molding Machines
- Compounders



PACKAGING & PRINTING

- Printing Cylinders
- Coating Machines
- Labeling Systems
- Laminators



FOOD & BEVERAGE

- Mixers
- Pasteurizers
- Fillers
- CIP Systems



POWER & ENERGY

- Turbines
- Generators
- Heat Recovery
- Cooling Systems



IMPROVED PRODUCTIVITY

Maximize output with reliable performance.



REDUCED DOWNTIME

Minimize interruptions and increase uptime.



LOWER TOTAL COST OF OWNERSHIP

Longer life, less maintenance and better efficiency.



MAXIMUM SAFETY & RELIABILITY

Engineered for safe, continuous operation.

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 - 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

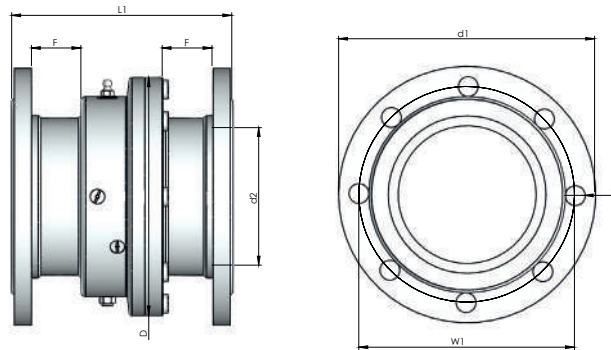


- ✓ Single flow design, vertical rotation
- ✓ Stainless steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All flange types are aviable DIN, ANSI etc..

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

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

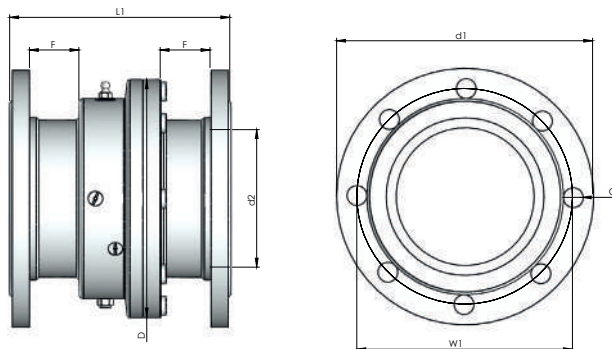


- ✓ Single flow design, vertical rotation
- ✓ Carbon steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All flange types are aviable DIN, ANSI etc..

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



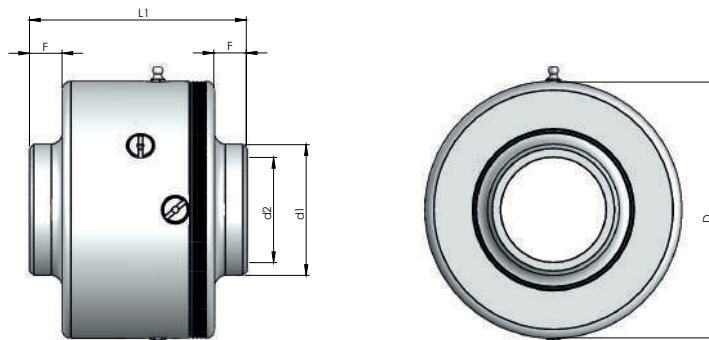
Swivel Joint for water, hydraulic oil, gress and chemical fluids.

- ✓ 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

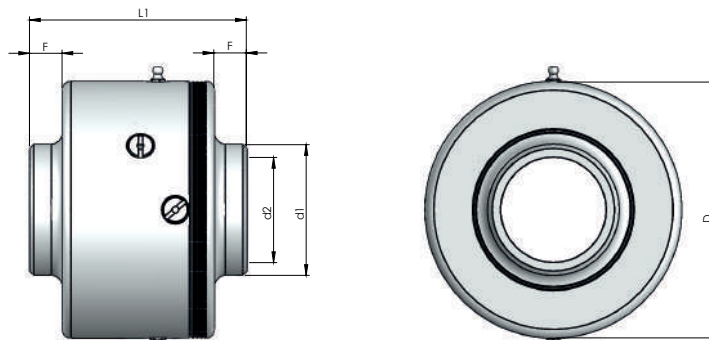


- ✓ Single flow design
- ✓ Carbon steel body
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ Weld end connection

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



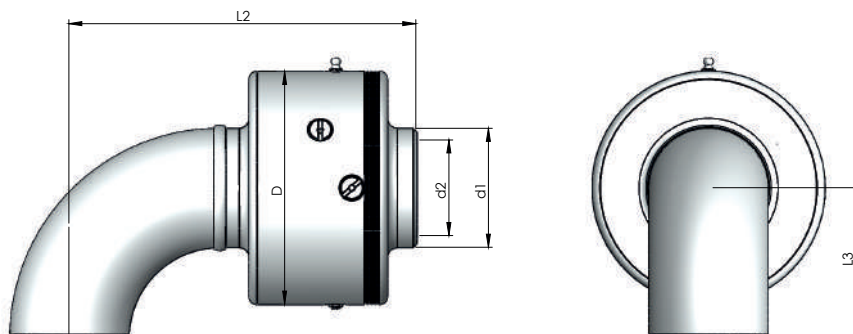
- ✓ Single flow design
- ✓ Stainless steel body
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ Weld end connection

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

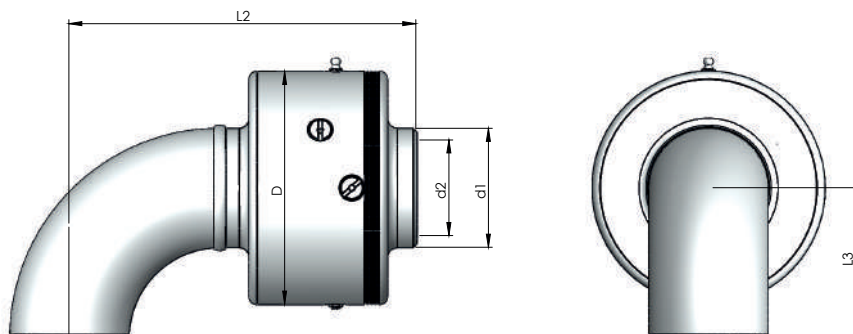


- ✓ Single flow design
- ✓ Carbon steel body
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ Weld end connection

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



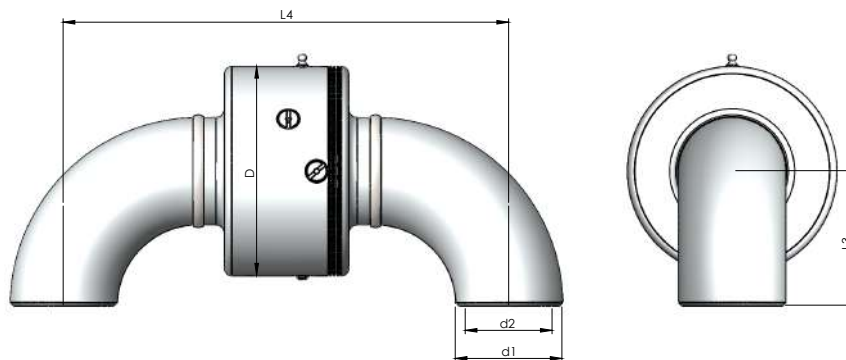
Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ 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

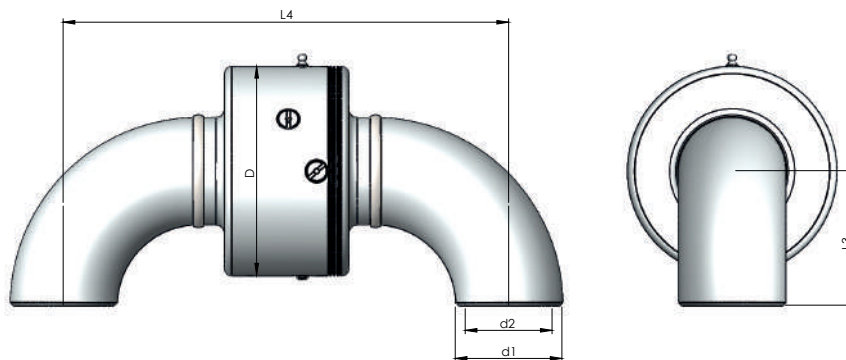


Swivel Joint for water, general purpose

- ✓ 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



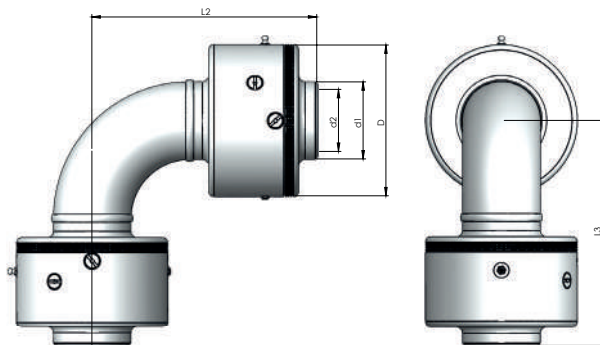
- ✓ Single flow design
- ✓ Stainless steel body
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ Weld end connection

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



Do not operate without fluid.

DIMENSIONS



SIZE	MODEL NO	DØ	L2	L3	d1Ø	d2Ø	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

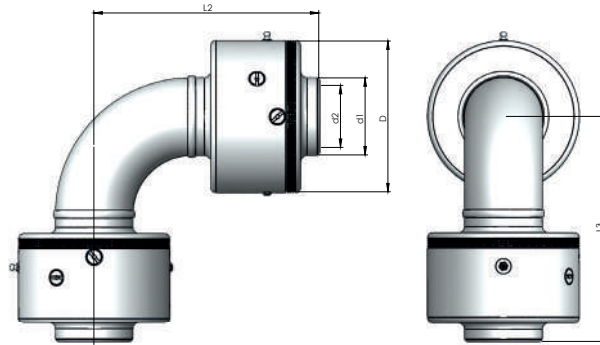


- ✓ Single flow design
- ✓ Carbon steel body
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ Weld end connection

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

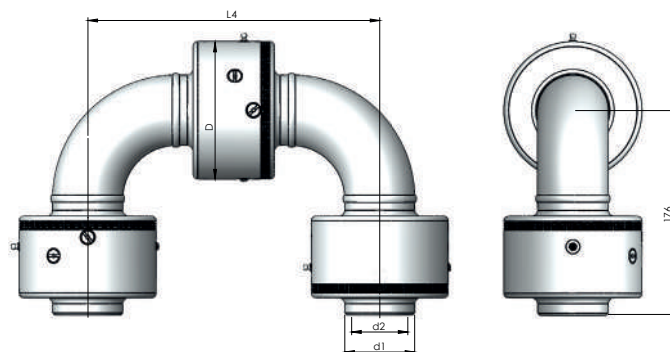


Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ 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

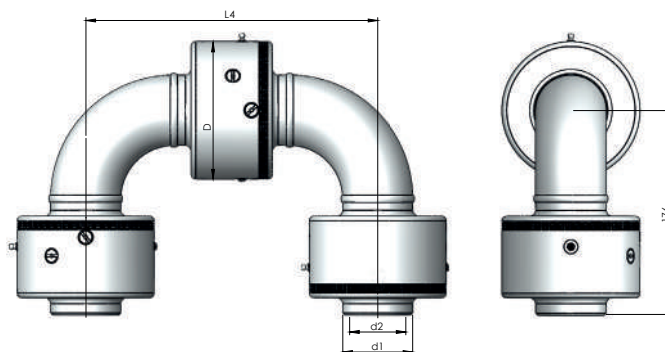


Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ 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



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25
YEARS
OF EXCELLENCE



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Our products are designed to ensure maximum safety, zero leakage, and long service life in aggressive and challenging environments.

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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

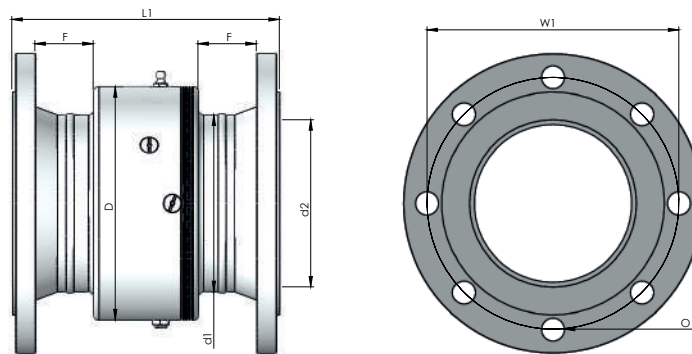


- ✓ Single flow design, vertical rotation
- ✓ Carbon steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All flange types are aviable DIN, ANSI etc..

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



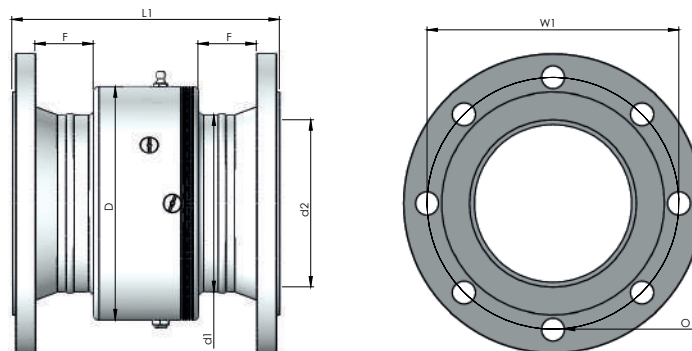
Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ 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

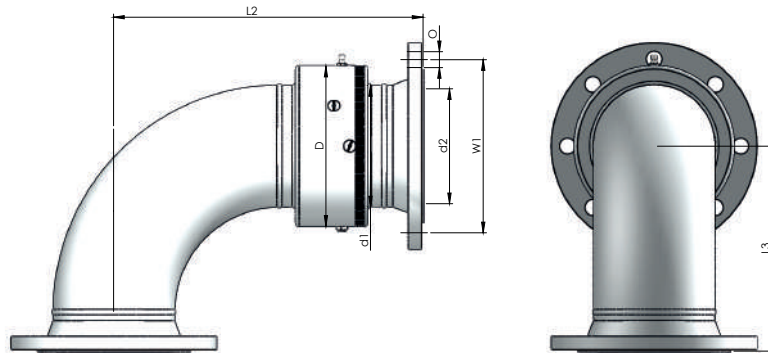


Swivel Joint for water, general purpose

- ✓ 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



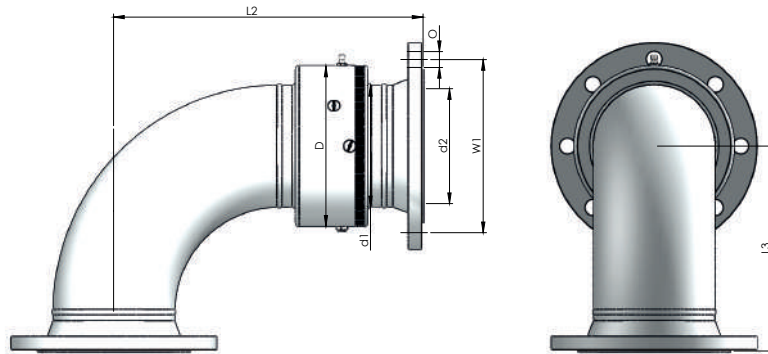
Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ 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



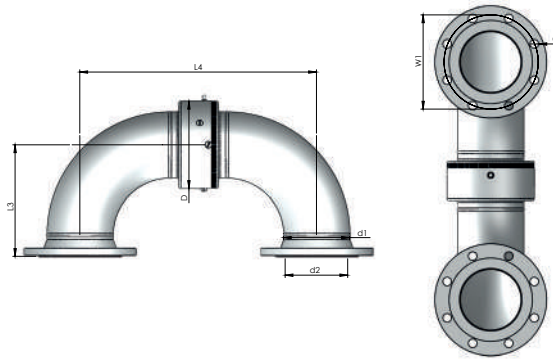
Swivel Joint for water, general purpose

- ✓ 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



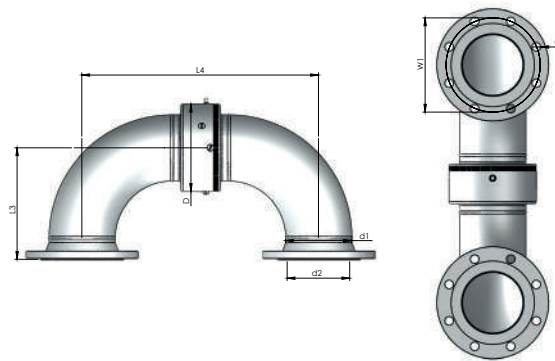
Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ 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

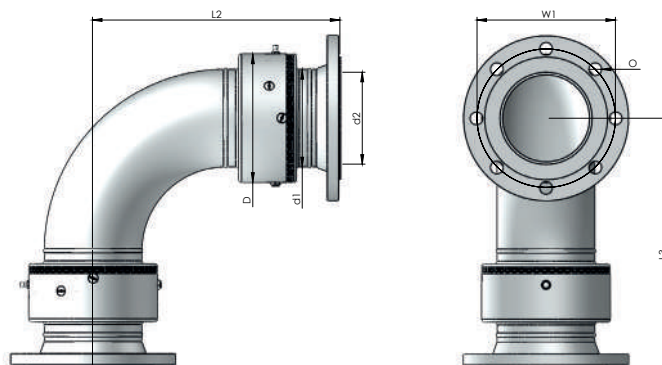


- ✓ Single flow design, vertical rotation
- ✓ Carbon steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All flage types are aviable DIN, ANSI etc..

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

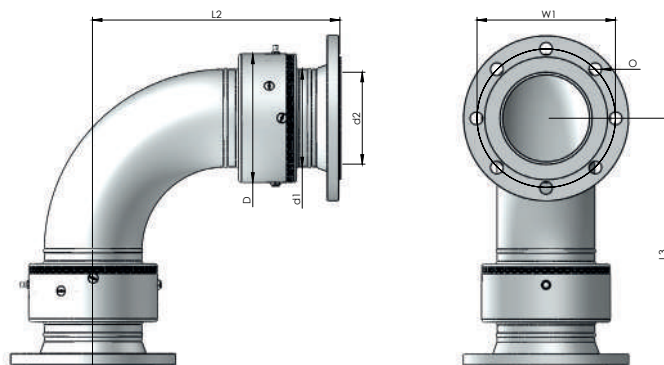
Rotor Size
DN20 - DN200

- ✓ 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

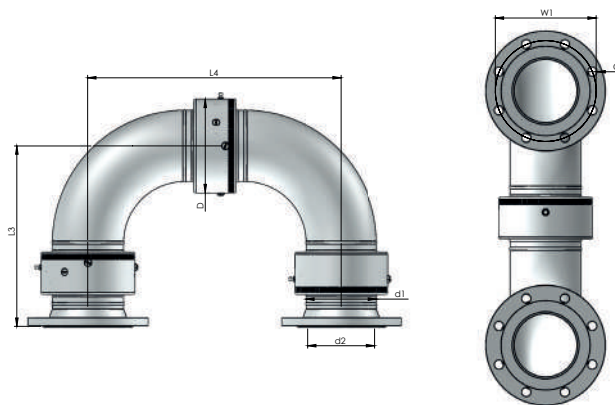


Swivel Joint for water, general purpose

- ✓ 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



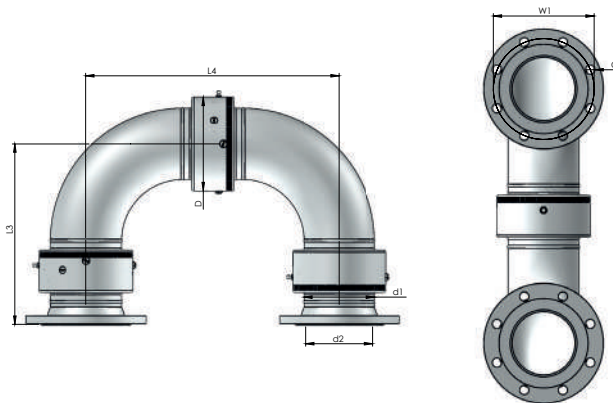
Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ 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

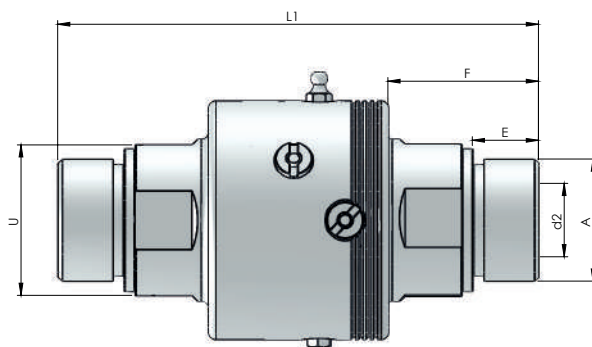


- ✓ Single flow desing
- ✓ Carbon Steel (42CrMo4)
- ✓ Hardened inner sealing surface
- ✓ Special desing sealing components
- ✓ Easy changable repair parts
- ✓ BSP, BSPP, NPT, UNF, Metric threads...

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



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

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

Max. Pressure
160 BAR

Connection Type
BSP, BSPP, NPT, Metric

Max. Speed
20 RPM

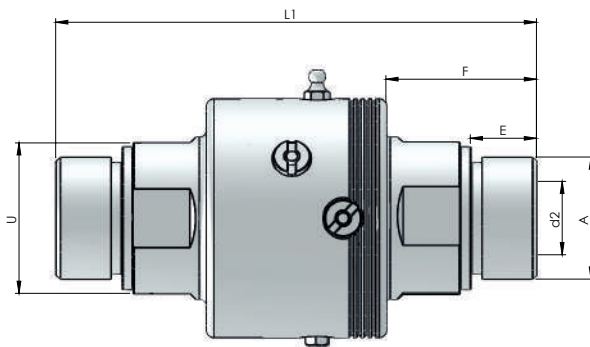
Max. Temperature
80 °C

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...

! 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



Rototech®

ROTARY UNION • SWIVEL JOINTS

25
YEARS
ANNIVERSARY
CELEBRATION

CHEMICAL & PETROCHEMICAL SOLUTIONS



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RELIABLE SOLUTIONS FOR CRITICAL PROCESSES

Rototech manufactures high-performance Rotary, Swivel and Multiport joints designed for the most demanding chemical and petrochemical applications.

- ✓ High Quality Manufacturing
- ✓ Long Service Life
- ✓ Global Technical Support



ENGINEERED FOR CHEMICAL & PETROCHEMICAL APPLICATIONS



WIDE RANGE
OF MEDIA

Water, steam, hot oil, coolant, hydrocarbons and chemical fluids.



EXTREME
CONDITIONS

Designed for high temperature and pressure environments.



CHEMICAL
COMPATIBILITY

Materials selected for corrosive and aggressive chemical media.



SAFE & LEAK-FREE
PERFORMANCE

Advanced sealing technology for maximum process safety.

Our Rotary, Swivel and Multiport joint solutions ensure safe, efficient and continuous operation in chemical and petrochemical plants.



CHEMICAL
INDUSTRY



PETROCHEMICAL
INDUSTRY



OIL & GAS
INDUSTRY



SPECIALTY
CHEMICALS



WATER TREATMENT
INDUSTRY



HIGH QUALITY
STANDARDS

Manufactured according to international standards.



CUSTOM
SOLUTIONS

Tailor-made designs for your process needs.



GLOBAL
EXPERIENCE

Serving customers in over 40 countries.



TECHNICAL
SUPPORT

Expert engineering and after-sales support.



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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

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

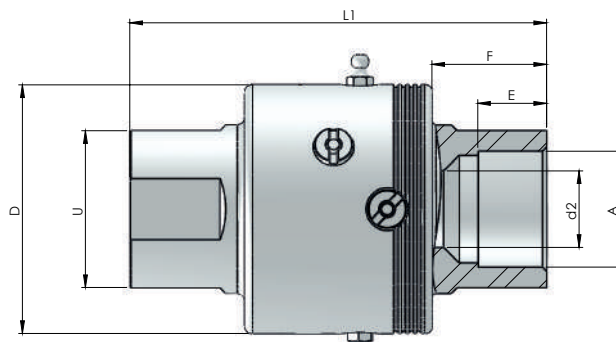


- ✓ Single flow design,
- ✓ Carbon steel material (42CrMo4)
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ BSP, BSPP, NPT, UNF, Metric threads...

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"	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



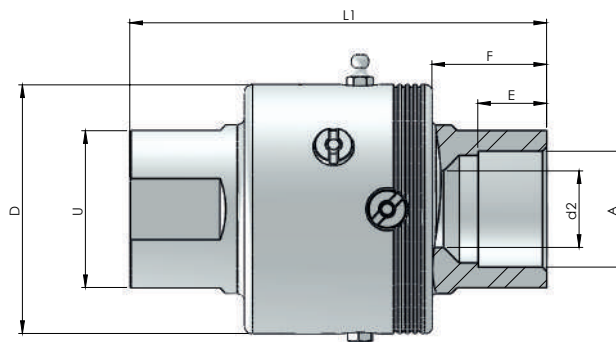
Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ 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

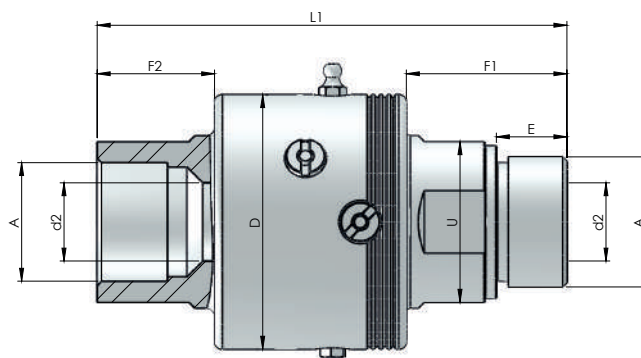


Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ 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

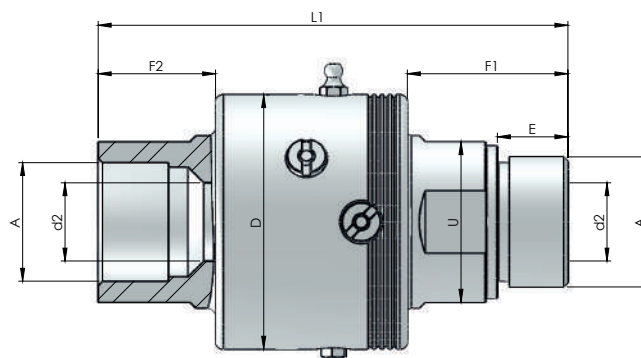


- ✓ Single flow design,
- ✓ Stainless steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ BSP, BSPP, NPT, UNF, Metric threads...

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®
ROTARY UNION • SWIVEL JOINTS

**ENGINEERED
FOR
EXCELLENCE**



**BUILT
FOR
PERFORMANCE**



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ROTOTECH SWIVEL JOINTS

— E6 SERIES —

SWIVEL JOINT TECHNOLOGY



E6
SERIES



SMOOTH ROTATION



RELIABLE CONNECTION



ENGINEERED PRECISION



LEAK-FREE PERFORMANCE

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Swivel Joint

E6-SAE3000 Series

Media Type
Hydraulic Oil,

Max. Speed
20 RPM

Max. Pressure
206 BAR

Max. Temperature
80 °C

Connection Type
Flanged

Rotor Size
1/2" DN15 - 5" DN125

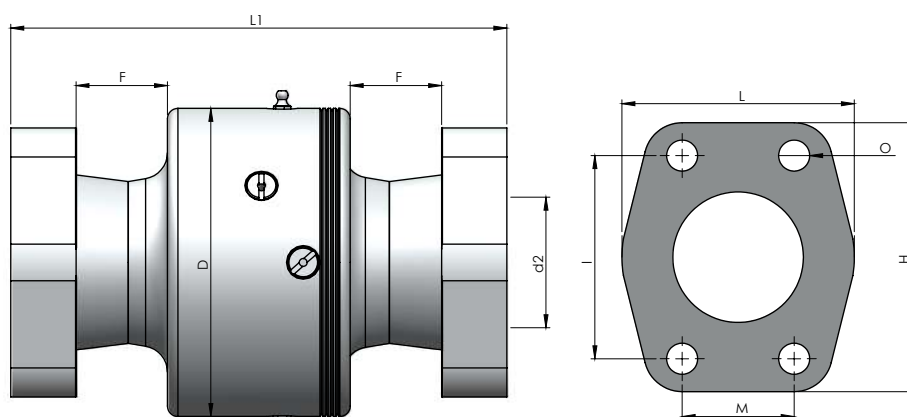


Swivel Joint for water, hydraulic oil and chemical fluids

- ✓ Single flow design,
- ✓ Carbon steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ SAE 3000-6000 flanged

! Do not operate without fluid.

DIMENSIONS



SIZE	MODEL NO	DØ	L1	F	d2Ø	H	L	M	I	O	KG
15	E6 - SAE3000-015	50	140	32,5	13	57	47	17,50	38,00	M8	1,20
20	E6 - SAE3000-020	72	147	31	19	66	49	22,20	47,60	M10	2,30
25	E6 - SAE3000-025	78	152	33	25	71	53	26,20	52,40	M10	2,70
32	E6 - SAE3000-032	88	187	35	31	80	69	30,20	58,70	M10	4,75
40	E6 - SAE3000-040	100	193	34	38	94	77	35,70	69,85	M12	6,25
50	E6 - SAE3000-050	118	190	35	50	103	89	42,90	77,80	M12	7,65
65	E6 - SAE3000-065	133	210	42,5	63	115	101	50,80	89,00	M12	10,00
80	E6 - SAE3000-080	139	211	40,5	73	135	124	62,00	106,40	M16	12,00
100	E6 - SAE3000-100	175	210	40,5	99	162	146	77,80	130,00	M16	17,25
125	E6 - SAE3000-125	199	240	43	120	184	180	92,00	152,40	M16	25,40

Swivel Joint

E6-SAE6000 Series

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

Max. Speed
20 RPM

Max. Pressure
413 BAR

Max. Temperature
120 °C

Connection Type
Flanged

Rotor Size
1/2" DN15 - 3" DN80

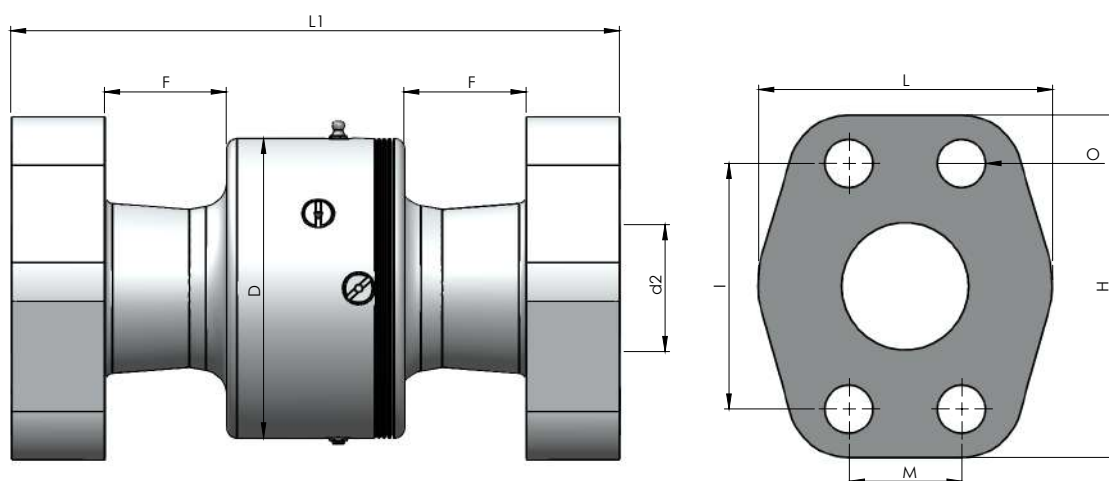


- ✓ Single flow design,
- ✓ Carbon steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ SAE 3000-6000 flanged

Swivel Joint for water, hydraulic oil and chemical fluids

! Do not operate without fluid.

DIMENSIONS



SIZE	MODEL NO	DØ	L1	F	d2Ø	H	L	M	I	O	KG
15	E6 - SAE6000-015	50	140	32,5	13	57	47	18,30	40,50	M8	1,20
20	E6 - SAE6000-020	72	147	31	19	66	49	23,80	50,80	M10	2,50
25	E6 - SAE6000-025	78	164	33	25	80	69	27,80	57,10	M12	3,35
32	E6 - SAE6000-032	88	193	35	31	94	77	31,60	66,70	M14	5,60
40	E6 - SAE6000-040	100	207	36	38	106	89	36,50	79,40	M16	7,30
50	E6 - SAE6000-050	118	240	48	50	135	116	44,40	96,80	M20	11,60
65	E6 - SAE6000-065	133	255	47,5	63	166	150	58,70	123,80	M24	18,50
80	E6 - SAE6000-080	139	291	52,5	73	208	178	71,40	152,40	M30	29,20



ROTOTECH SWIVEL JOINTS

— E7-ED90 SERİSİ —

SWIVEL JOINT TECHNOLOGY



E7-ED90 SERİSİ



SMOOTH ROTATION



RELIABLE CONNECTION



ENGINEERED PRECISION



LEAK-FREE PERFORMANCE



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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
BSP, BSPP, NPT, Metric

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

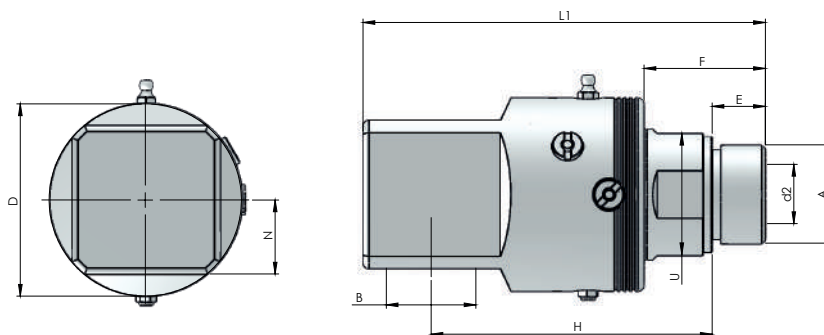


Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ Single flow design,
- ✓ Carbon steel material (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



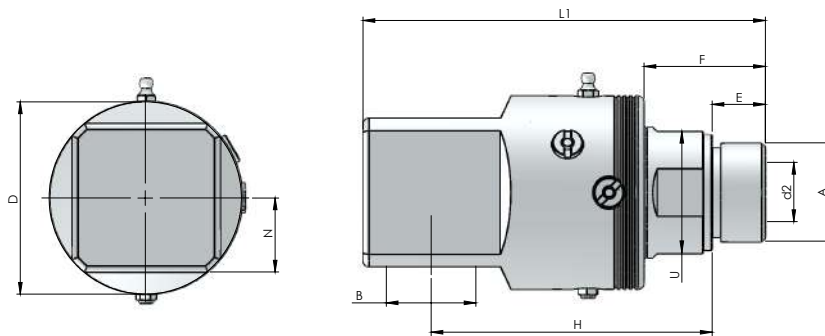
Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ 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

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

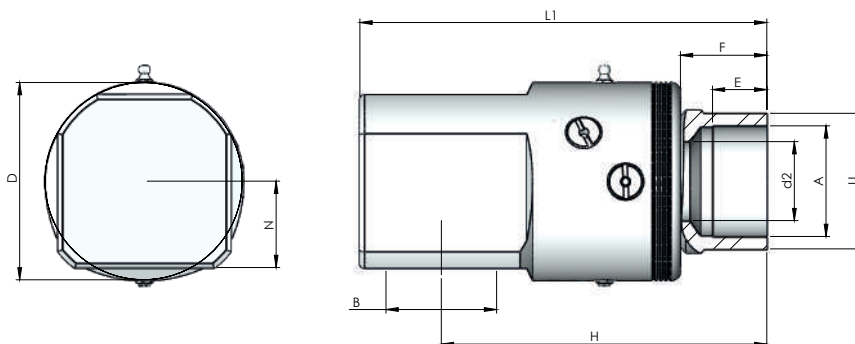


Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ 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



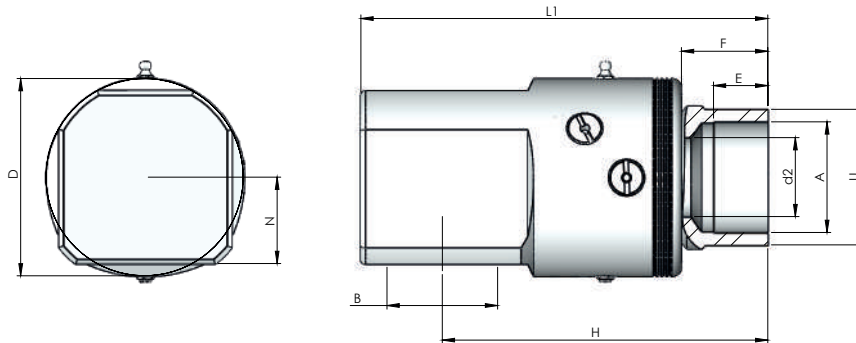
Swivel Joint for water, hydraulic oil, gress and
chemical fluids

- ✓ 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



ROTOTECH SWIVEL JOINTS

— **E9-D90D90** SERİSİ —
SWIVEL JOINT TECHNOLOGY



E9-D90D90
SERİSİ



SMOOTH ROTATION



RELIABLE CONNECTION



ENGINEERED PRECISION



LEAK-FREE PERFORMANCE



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Swivel Joint

E9-D90D90 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

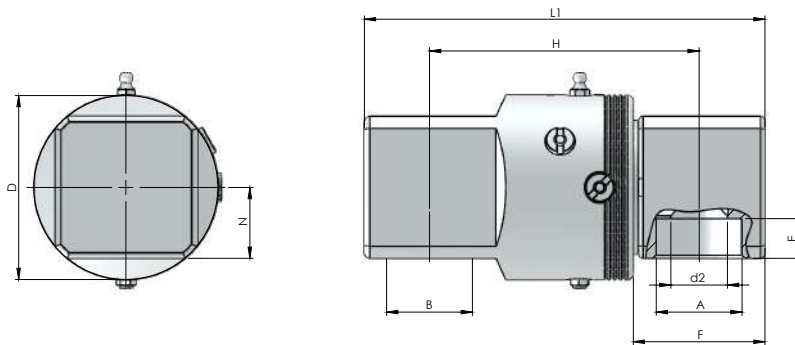


Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ 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	KG
1/4" BSP	E9 - D90D90-008	1/4" BSP	40	93	9,70	27	7	67	20	0,71
3/8" BSP	E9 - D90D90-010	3/8" BSP	40	93	9,70	27	9	67	20	0,71
1/2" BSP	E9 - D90D90-015	1/2" BSP	50	113	13,20	35	12	81,50	20	1,20
3/4" BSP	E9 - D90D90-020	3/4" BSP	60	131	14,50	42	14	92	24	2
1" BSP	E9 - D90D90-025	1" BSP	65	141,50	14	25	20	95,25	25	2,48
1 1/4" BSP	E9 - D90D90-032	1 1/4" BSP	75	185	17	57	25	127	31	4,63
1 1/2" BSP	E9 - D90D90-040	1 1/2" BSP	80	198	16	67,50	32	132	35	5,67

Swivel Joint

E9-D90D90 SS Series



Media Type

Hydraulic Oil, Food,
Water + General Purpose



Max. Speed

20 RPM



Max. Pressure

160 BAR



Max. Temperature

80 °C



Connection Type

BSPP, BSPT, NPT, Metric



Rotor Size

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



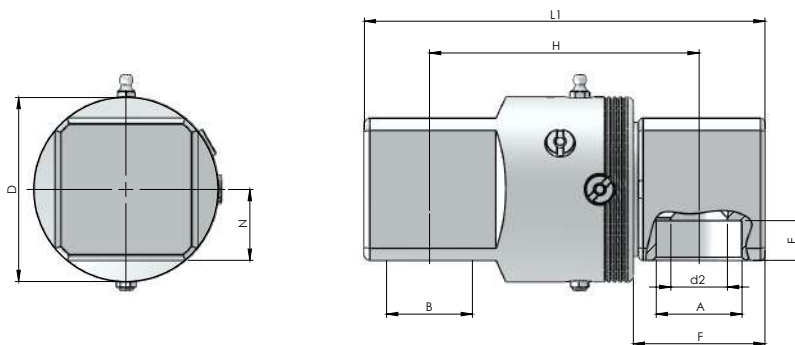
Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ Single flow design,
- ✓ 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	KG
1/4" BSP	E9 - D90D90-008-SS	1/4" BSP	40	93	9,70	27	7	67	20	0,71
3/8" BSP	E9 - D90D90-010-SS	3/8" BSP	40	93	9,70	27	9	67	20	0,71
1/2" BSP	E9 - D90D90-015-SS	1/2" BSP	50	113	13,20	35	12	81,50	20	1,20
3/4" BSP	E9 - D90D90-020-SS	3/4" BSP	60	131	14,50	42	14	92	24	2
1" BSP	E9 - D90D90-025-SS	1" BSP	65	141,50	14	25	20	95,25	25	2,48
1 1/4" BSP	E9 - D90D90-032-SS	1 1/4" BSP	75	185	17	57	25	127	31	4,63
1 1/2" BSP	E9 - D90D90-040-SS	1 1/2" BSP	80	198	16	67,50	32	132	35	5,67

ENGINEERED FOR
CHEMICAL & PETROCHEMICAL
EXCELLENCE



LEAK-FREE SAFETY

Zero leakage design
for hazardous fluids



CHEMICAL RESISTANCE

Materials selected for
aggressive environments



HIGH TEMPERATURE PERFORMANCE

Reliable operation in
extreme conditions



MAXIMUM UPTIME

Durable design for long
service life and reliability



Rototech

ROTARY UNION • SWIVEL JOINTS

Reliable Solutions for the Chemical & Petrochemical Industry

Rototech rotary unions and swivel joints are engineered to ensure safe, efficient and continuous operation in the most demanding chemical and petrochemical applications.

APPLICATIONS



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Evaporators



Heat Exchangers



Dryers



Filter Systems



Mixers & Agitators



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HIGH CHEMICAL RESISTANCE

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Withstands high thermal
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WHY CHOOSE ROTOTECH?

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ENGINEERED FOR YOUR PROCESS.



ROTOTECH ROTARY JOINTS

— **M1** SERIES —

MULTI-PASSAGE TECHNOLOGY



M1
SERIES

Multiports

M1-A2



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

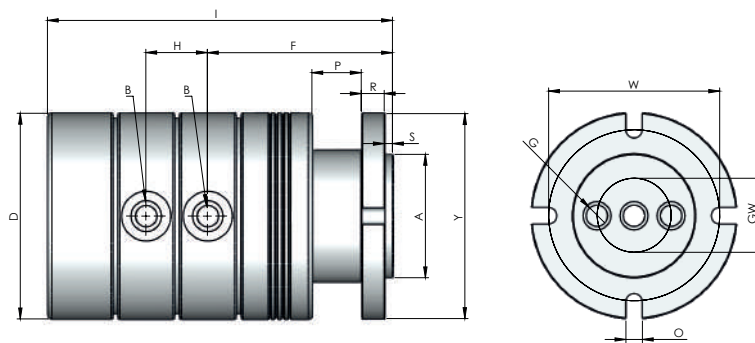
2 x 1/4" - 2 x 3/4"

- ✓ 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



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

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"



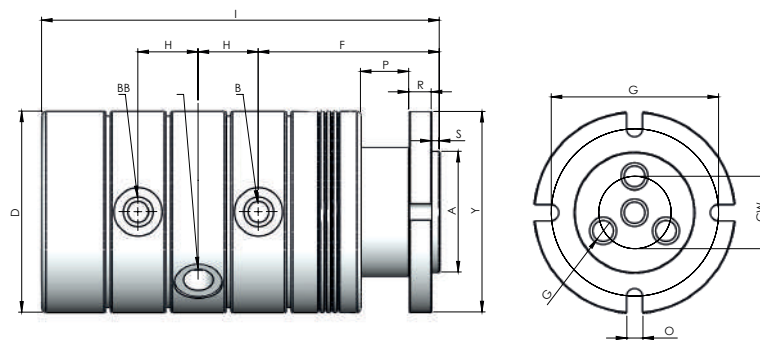
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available

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"



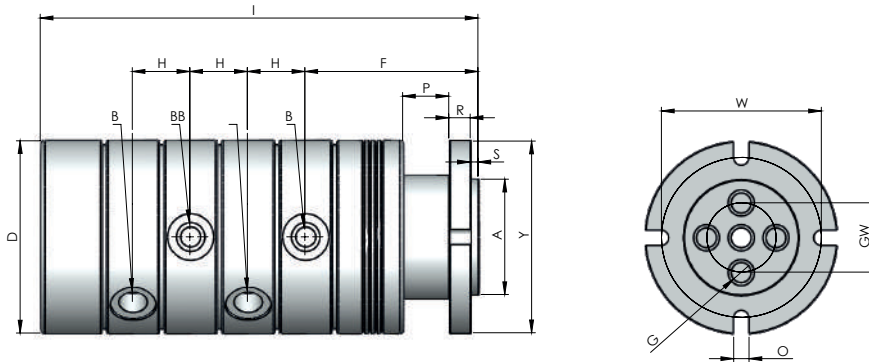
Multi-pass rotary unions

- ✓ 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"



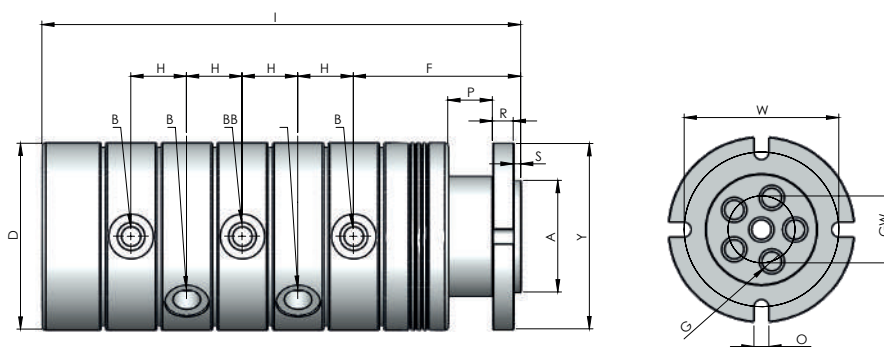
Multi-pass rotary unions

- ✓ 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"



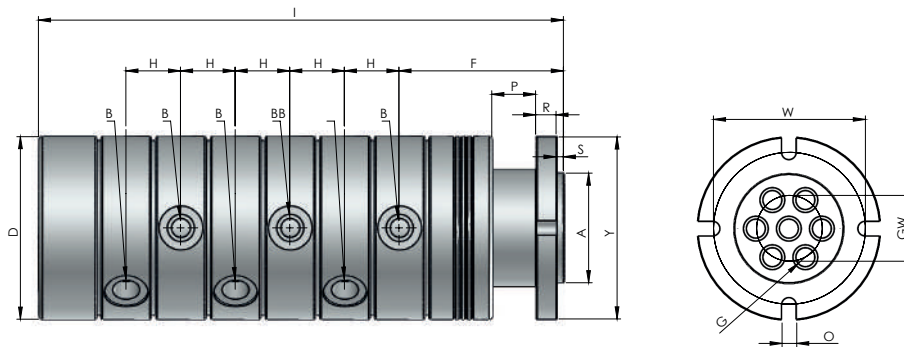
Multi-pass rotary unions

- ✓ 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

M1-A8



Max. Speed
250 RPM

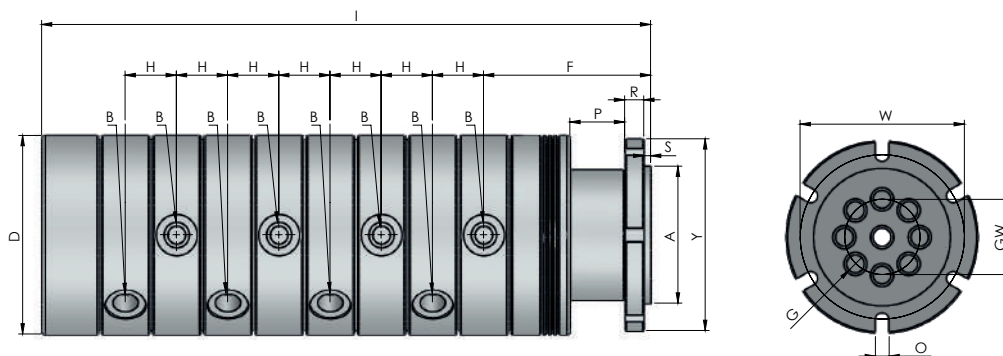
Max. Temperature
80 °C

 Rotor Size
8x1/4" - 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

 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



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"

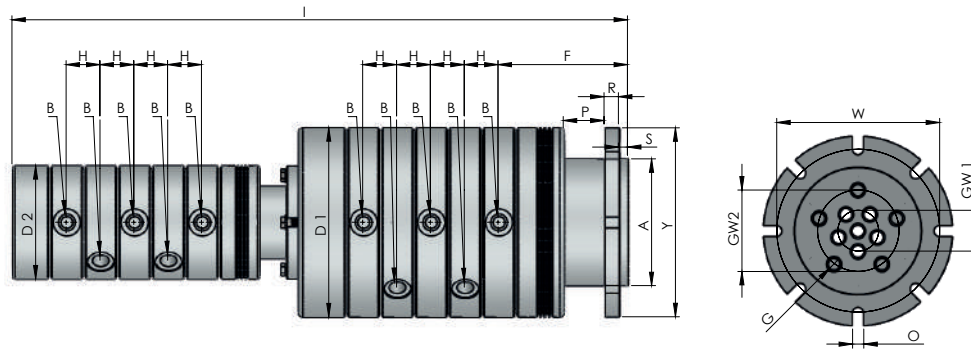
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available

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
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"



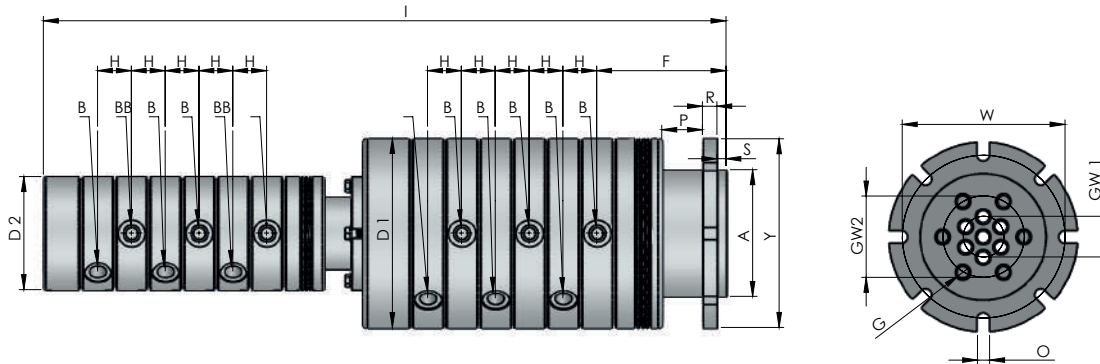
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available

Multi-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"	M1-312081-200	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"



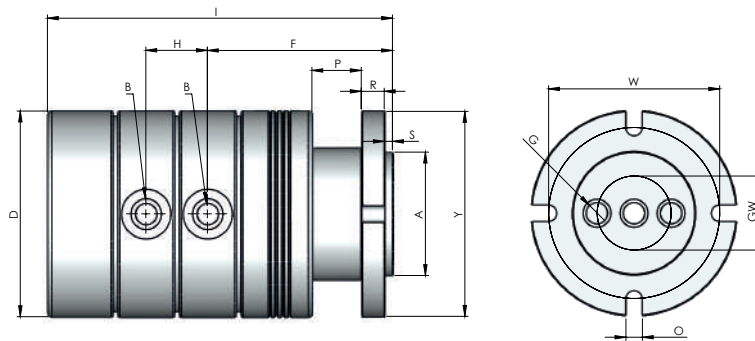
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available

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"



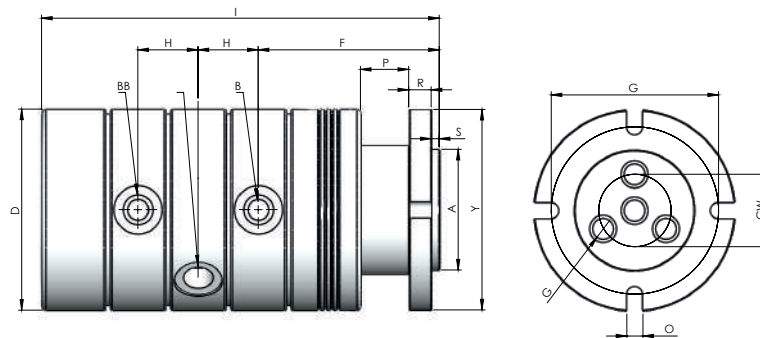
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available

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

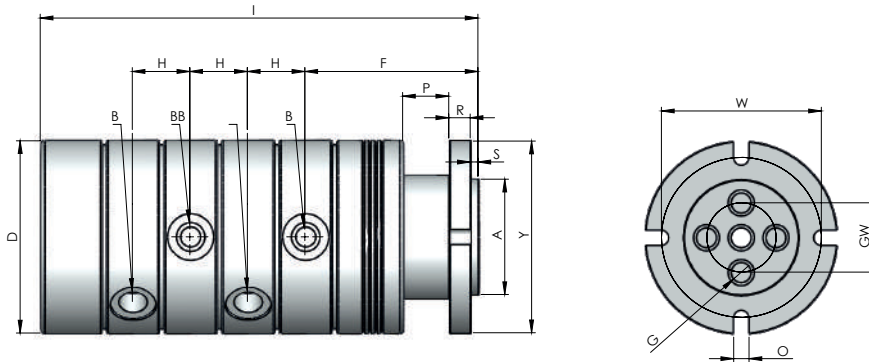
4 x 1/4" - 4 x 1 1/2"

- ✓ 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



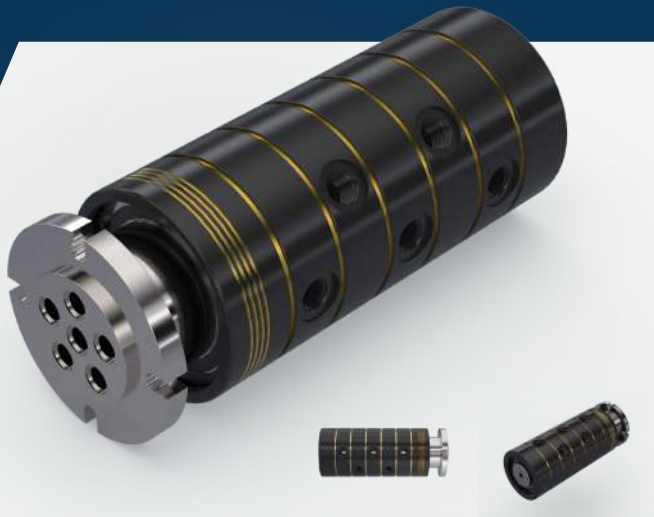
Connection Type

NPT, BSPP, BSPT



Rotor Size

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



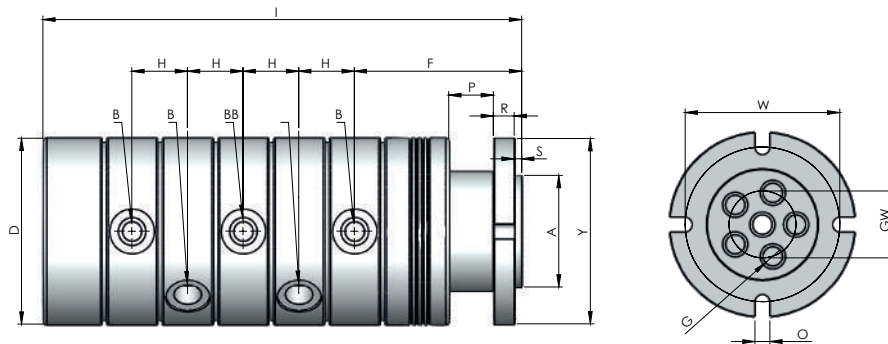
Multi-pass rotary unions

- ✓ 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"



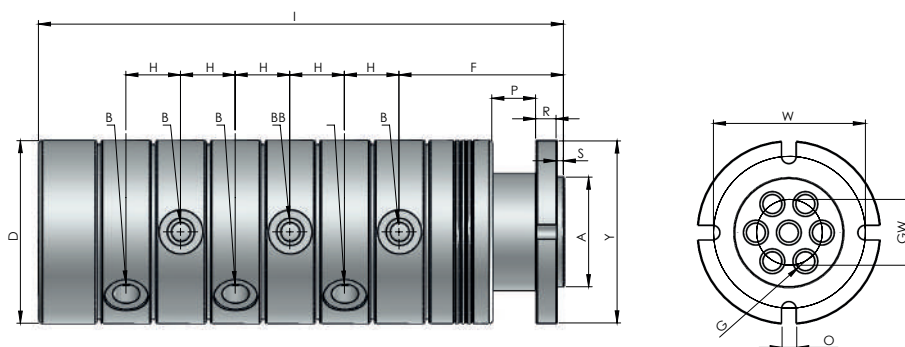
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available

Multi-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
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



Multi-passage 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, BSPT



Rotor Size

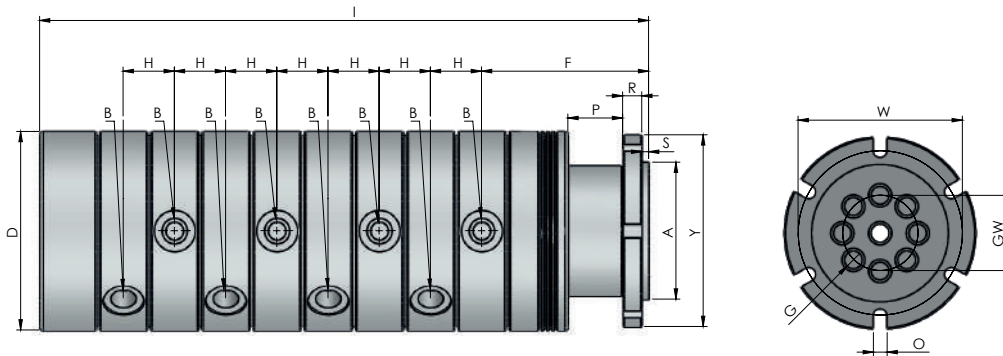
8 x 1/4" - 8x 1 1/4"

- ✓ 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



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"



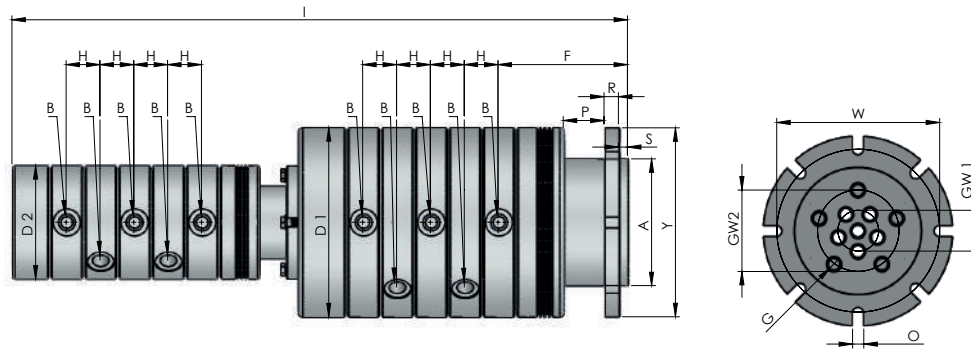
Multi-pass rotary unions

- ✓ 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
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"

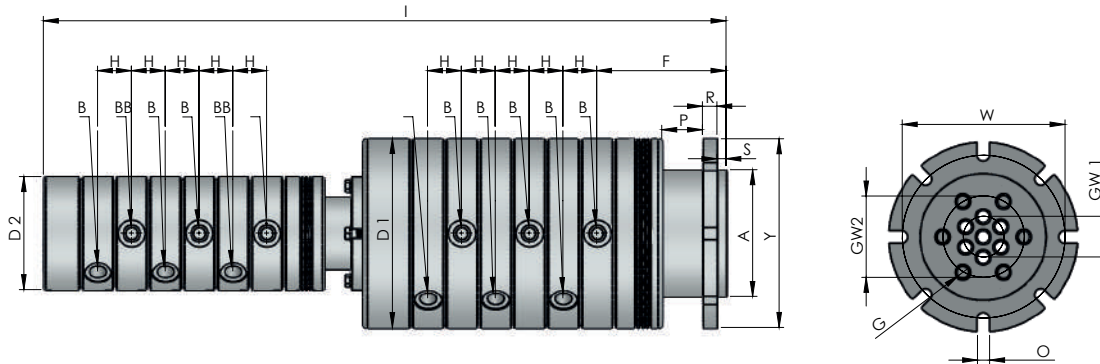
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available

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



POWERFUL CONNECTIONS FOR ENERGY TOMORROW

HIGH-PERFORMANCE ROTARY UNIONS FOR
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— **M1** SERIES —
MULTI-PASSAGE TECHNOLOGY



M1
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"



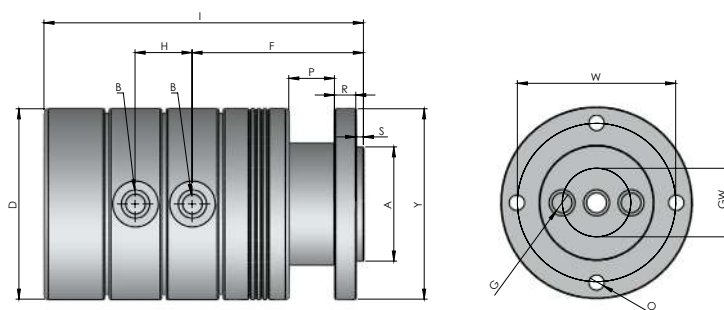
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Stainless steel body
- ✓ For low-quality fluids
- ✓ Custom connections types are available

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"	M2-22253-200	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



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"



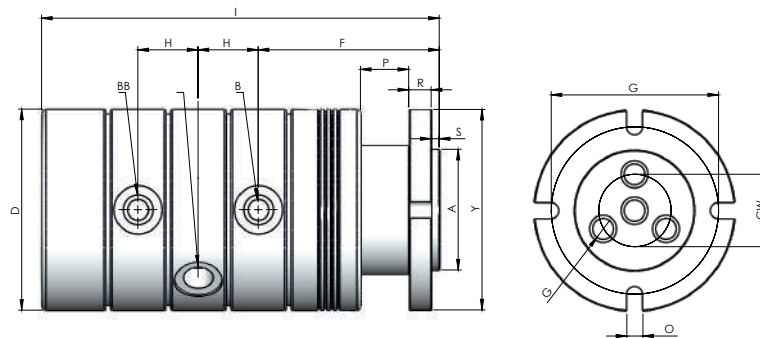
Multi-pass rotary unions

- ✓ 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
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-passge 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

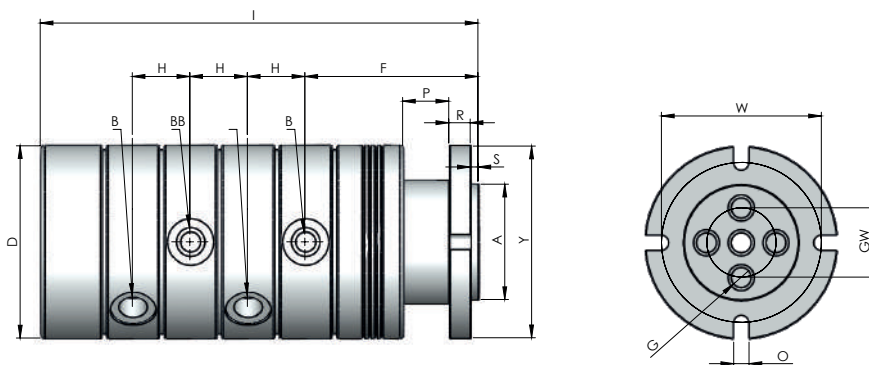
4 x 1/4" - 4 x 1 1/4"

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for diffrent 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"**



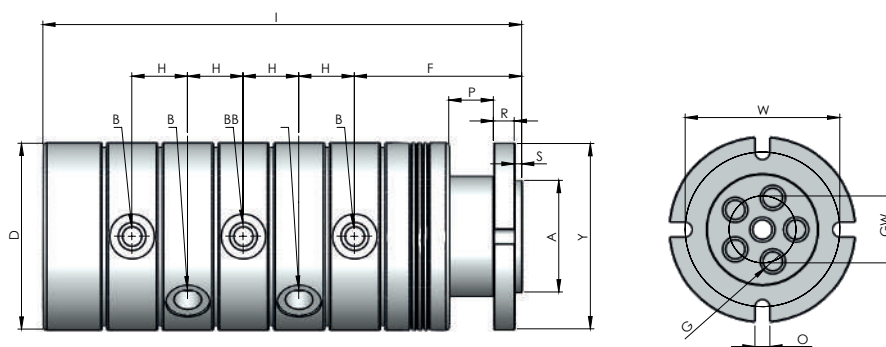
Multi-pass rotary unions

- ✓ 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
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"**



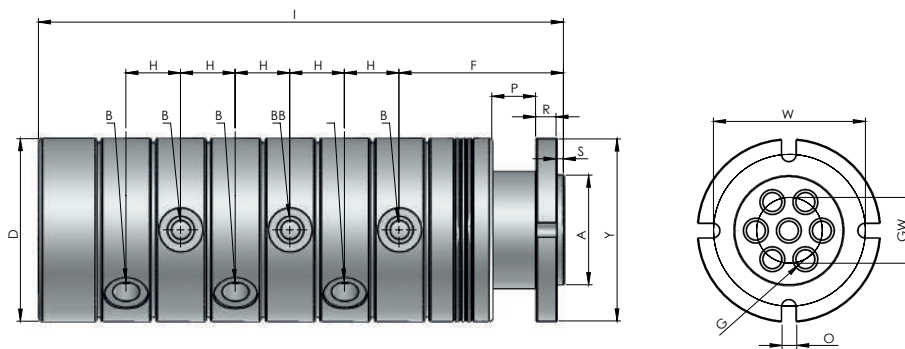
Multi-pass rotary unions

- ✓ 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-passge 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

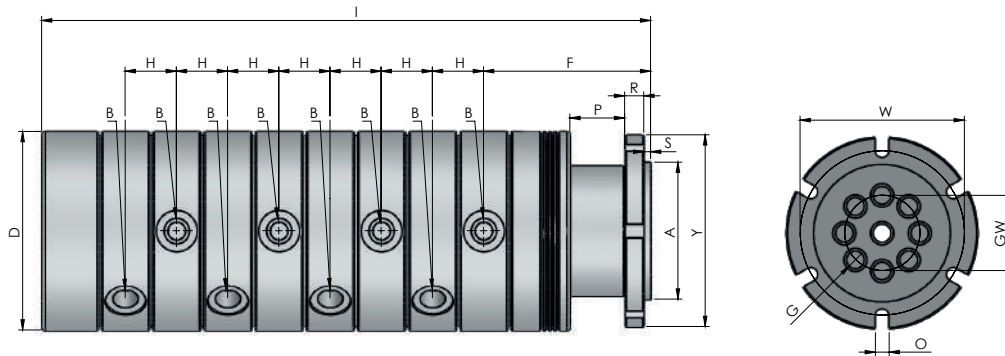
**8 x 1/4" -
8 x 1 1/4"**

- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for diffrent 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



Multi-passage rotary unions



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

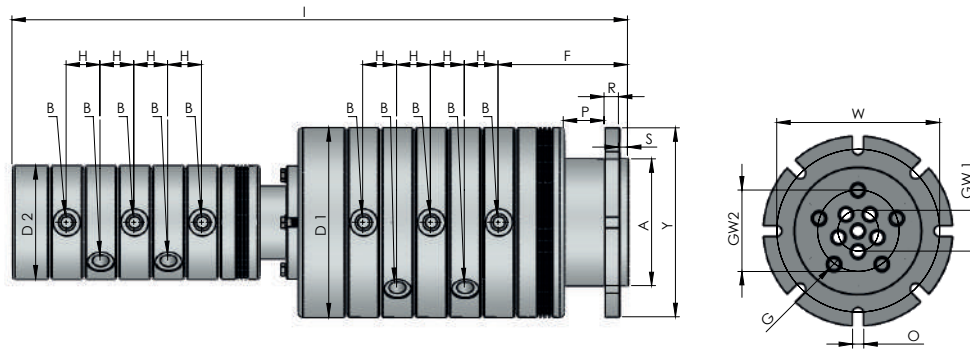
10x1/4" - 10x3/4"

- ✓ 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



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"



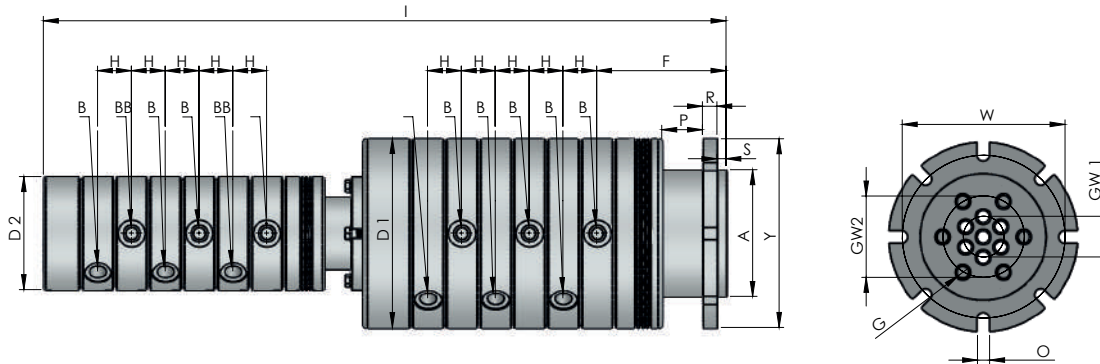
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Stainless steel body
- ✓ For low-quality fluids
- ✓ Custom connections types are available

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 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"



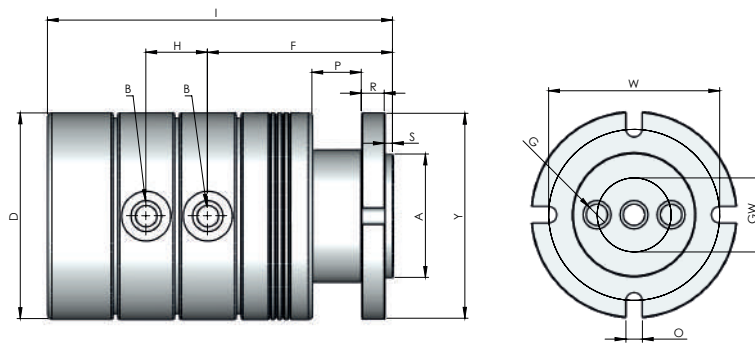
- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

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"



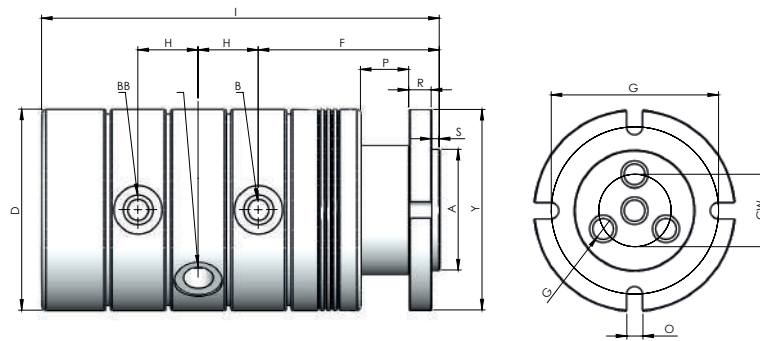
- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

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



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"



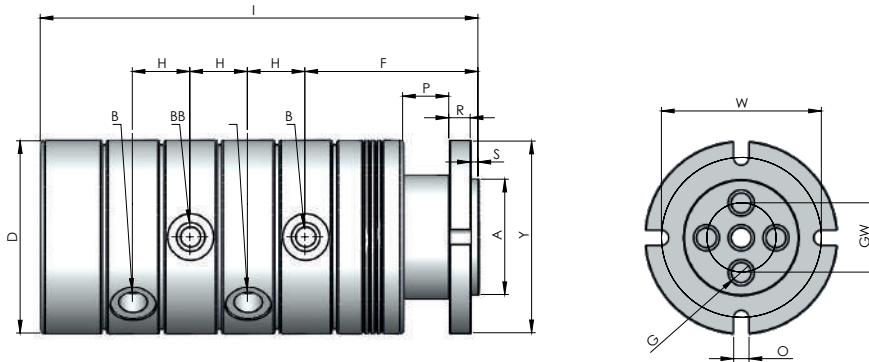
Multi-pass rotary unions

- ✓ 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
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



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"



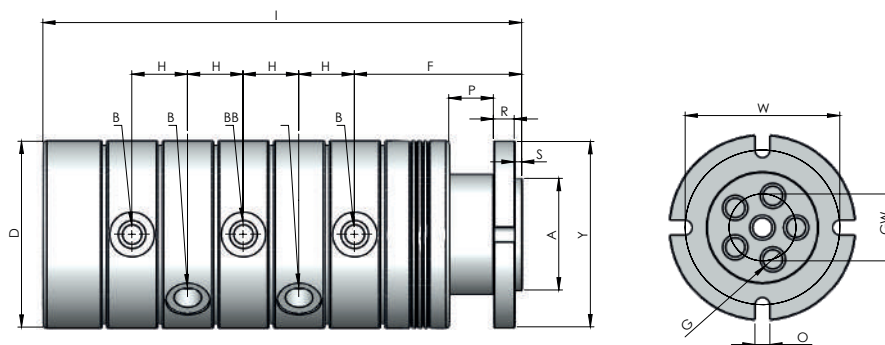
- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-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"	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"



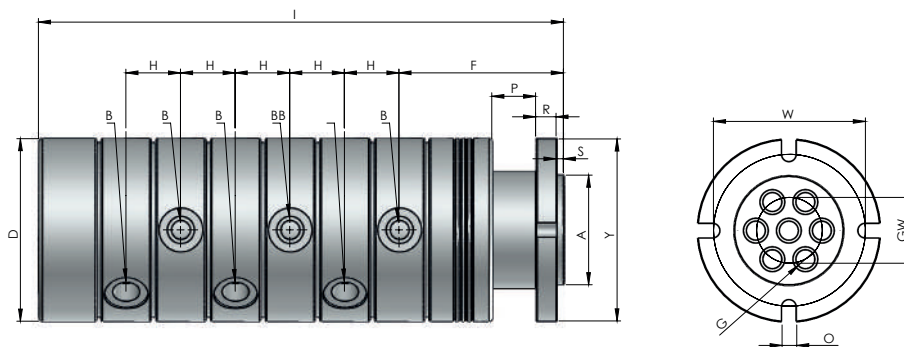
- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

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"



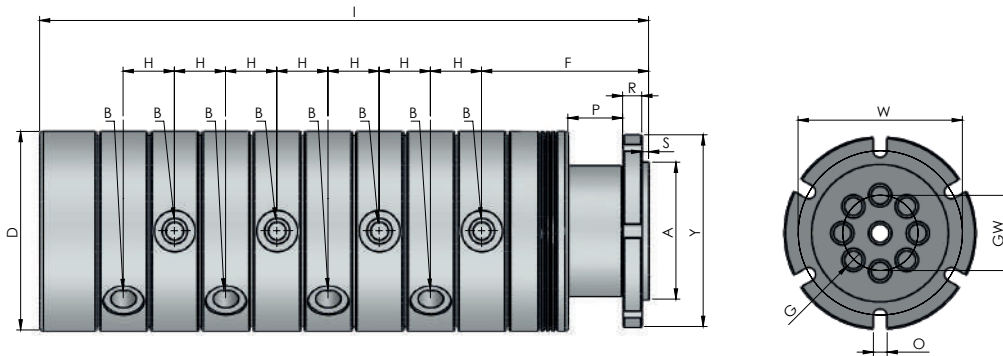
Multi-pass rotary unions

- ✓ 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"**

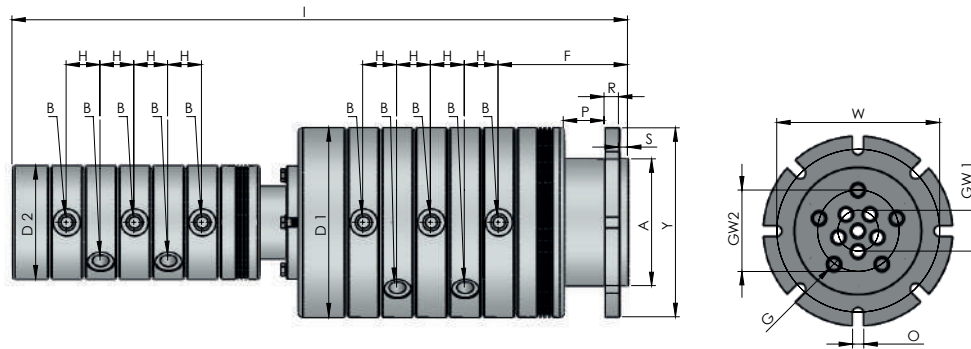
- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

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"



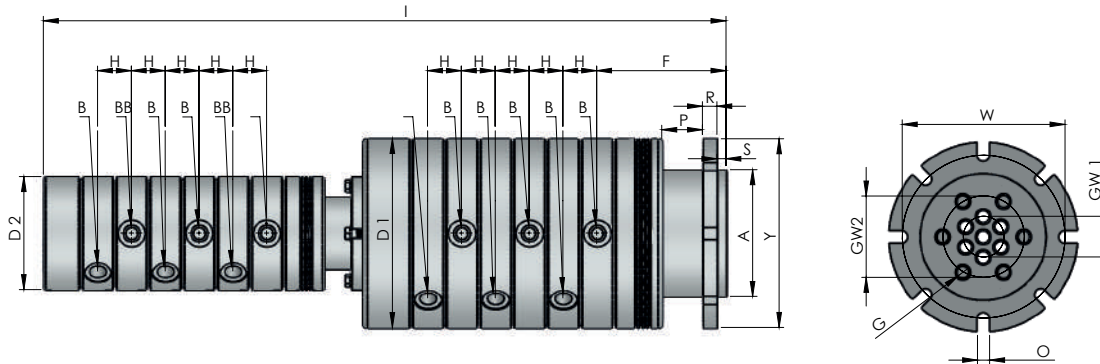
- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

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

ROTARY UNIONS MULTIPORT JOINTS

Multi-port joints are **mechanical sealing** components used to transfer fluids from a stationary source into rotating media, and enable safe transfer of identical or different fluids through the through separate ports.



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