

ROTOTECH ROTARY UNION SOLUTIONS FOR THE FOOD INDUSTRY

Engineered for Hygiene. Built for Performance.
Trusted for Food Safety.



ABOUT US



Rototech rotary unions ensure the reliable transfer of water, steam, hot oil, air and other media in food processing equipment.



Designed to meet the strict hygiene and safety standards of the food industry. Our solutions support CIP/SIP systems and continuous, reliable production.



All products are manufactured with high-quality materials and food-safe seal options to minimize contamination risk.



From mixers, cookers and sterilizers to packaging machines and conveyors – Rototech supports every step of your process with performance you can trust.

WHY ROTOTECH?



HYGIENIC DESIGN

Smooth surfaces and seal options suitable for food-grade applications.



HIGH TEMPERATURE & PRESSURE CAPACITY

Reliable performance in demanding food processing conditions.



CIP / SIP COMPATIBLE

Designed for cleaning systems and sterilization processes up to 121°C.



FOOD SAFETY FOCUSED

Materials and seals selected to meet food safety requirements.



CUSTOMER SUPPORT

Dedicated technical support and tailored solutions for your food industry needs.



RELIABLE ROTARY UNION SOLUTIONS
FOR FOOD PROCESSING EQUIPMENT



For more information
www.rototech.com.tr

Engineered for Hygiene.
Built for Performance.



ENGINEERED FOR
FOOD SAFETY.
BUILT FOR **RELIABILITY.**

FOOD INDUSTRY ROTARY UNION CATALOG

HYGIENIC. RELIABLE. EFFICIENT.
SOLUTIONS FOR FOOD PROCESSING
AND PACKAGING EQUIPMENT.



DAIRY &
BEVERAGE



BAKERY &
CONFECTIONERY



FRUITS &
VEGETABLES



FOOD
PROCESSING



COOKING &
FOOD EQUIPMENT



HYGIENIC DESIGN
STAINLESS STEEL
CONSTRUCTION



HIGH TEMPERATURE
& PRESSURE
RESISTANCE



CONTINUOUS
24/7 OPERATION
CAPABILITY



LEAK-FREE
RELIABLE &
SAFE OPERATION



CUSTOMIZED
SOLUTIONS FOR
YOUR APPLICATIONS

TRUSTED SOLUTIONS.
STRONG PARTNERSHIP.
SUPERIOR RESULTS.



www.rototech.com.tr



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CATALOG
2026

ROTOTECH MULTI-PASSAGE JOINT

Engineered for Food Industry.
Built for Reliability.



FOOD GRADE
COMPATIBLE



HYGIENIC
DESIGN



TEMPERATURE
CONTROL



LEAK-FREE
OPERATION

WHAT IS A MULTI-PASSAGE JOINT?

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

- ✓ Enables the simultaneous transfer of multiple media such as water, steam, thermal oil, air, vacuum, and more.
- ✓ Essential for process efficiency, product quality and equipment reliability.
- ✓ Ideal for hygienic and continuous operations in food production environments.



HYGIENIC & SAFE

Designed with food-grade compatible materials and advanced sealing technology to ensure leak-free and contamination-free operation.



TEMPERATURE & PROCESS CONTROL

Provides accurate temperature regulation for heating and cooling applications, ensuring consistent product quality.



HIGH DURABILITY

Built with premium materials and precision engineering for maximum service life even in demanding 24/7 operations.



WIDE OPERATING RANGE

Suitable for a wide range of pressures, temperatures, and media combinations used in food industry processes.



CUSTOM ENGINEERING

Tailored solutions to meet specific application requirements and equipment designs.

IDEAL FOR FOOD INDUSTRY APPLICATIONS



✓ DAIRY
PROCESSING



✓ BEVERAGE
PRODUCTION



✓ BAKERY
EQUIPMENT



✓ FOOD COOKING
& MIXING



✓ STERILIZATION
SYSTEMS



✓ HEATING &
COOLING ROLLERS

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.



PARTNER APPROACH

We build long-term relationships based on trust and performance.



GLOBAL SOLUTIONS

Trusted by customers in various industries around the world.



For more information
www.rototech.com.tr

ROTOTECH ROTARY JOINTS

RELIABLE FLUID TRANSFER SOLUTIONS FOR THE FOOD INDUSTRY



Engineered for hygiene.
Built for reliability.
Designed for performance.

Our rotary joints ensure safe, leak-free transfer of fluids in demanding food processing applications.



LEAK-FREE
PERFORMANCE



FOOD GRADE
COMPATIBLE



HIGH TEMPERATURE
RESISTANCE



CONTINUOUS
OPERATION

WHAT IS A ROTARY JOINT?

A rotary joint is a precision-engineered sealing device that transfers fluids (water, steam, thermal oil, air, vacuum and other media) from a stationary source to rotating equipment while maintaining a secure, leak-free connection.

APPLICATIONS IN THE FOOD INDUSTRY



HEATING & COOLING

Heat transfer oil, steam and hot water for cooking, baking, pasteurization, sterilization and drying.



CIP / SIP SYSTEMS

Reliable transfer of hot water, cleaning chemicals and steam for CIP & SIP processes.



VACUUM & AIR

Vacuum systems, compressed air and inert gases for conveying, packaging and filling.



ROTATING EQUIPMENT

Mixers, dryers, tumblers, coolers, conveyors, fryers, part washers and other rotary machines.



HYGIENIC & SAFE DESIGN

Smooth surfaces, minimal crevices and food grade compatible materials ensure maximum hygiene and product safety.



FOOD GRADE MATERIALS

Materials in compliance with FDA / EU 1935 / 2004 and EC 10 / 2011 standards.



HIGH TEMPERATURE RESISTANCE

Suitable for high temperature applications including steam and thermal oil.



LONG SERVICE LIFE & LOW MAINTENANCE

Robust construction and high quality seals provide extended service life and reduced downtime.



CIP / SIP COMPATIBLE

Designed to withstand frequent cleaning cycles and high temperature sterilization.



CUSTOM ENGINEERING

Tailored solutions for your specific application requirements and operating conditions.

WHY CHOOSE ROTOTECH?



QUALITY FIRST

Manufactured in accordance with international quality standards.



CUSTOMER FOCUSED

Dedicated support before, during and after sales for your peace of mind.



ENGINEERING EXPERTISE

Experienced engineering team delivering innovative and reliable solutions.



RELIABLE PERFORMANCE

Products designed for continuous operation with high efficiency.



GLOBAL SOLUTIONS

Trusted by food manufacturers around the world.

TRUSTED IN FOOD PROCESSING APPLICATIONS



DAIRY PRODUCTS



BAKERY



BEVERAGES



CONFECTIONERY



SNACKS & FRIED FOODS



FRUITS & VEGETABLES



For more information
www.rototech.com.tr



COMPLIANT



COMPONENT



CIP/SIP
COMPATIBLE



1 YEAR
WARRANTY

✉ info@rototech.com.tr

☎ +90 212 320 02 33

📍 İstanbul, Türkiye

ROTOTECH SWIVEL JOINTS

ENGINEERED FOR
FOOD INDUSTRY

Safe. Hygienic. Reliable.



FOOD
SAFE



LEAK-
FREE



HYGIENIC
DESIGN



HIGH
TEMPERATURE
RESISTANCE



SWIVEL JOINTS FOR FOOD INDUSTRY APPLICATIONS

Rototech swivel joints (rotary joints) are specially designed for demanding food and beverage production processes.

They provide reliable transfer of water, steam, hot oil, air and other media to rotating equipment without leakage or contamination.



COOKING &
STERILIZING EQUIPMENT



BAKING & FOOD
PROCESSING LINES



FILLING & PACKAGING
MACHINES



FOOD-SAFE & HYGIENIC DESIGN

Materials and sealing solutions comply with food industry standards to ensure safe and hygienic operations.



LEAK-FREE PERFORMANCE

Advanced sealing technology prevents leakage and cross-contamination, ensuring product quality and safety.



HIGH TEMPERATURE & PRESSURE RESISTANCE

Suitable for steam, hot water, hot oil and thermal fluids used in cooking, sterilizing and drying processes.



DURABLE & LOW MAINTENANCE

Robust construction provides long service life, reduces downtime and ensures reliable performance in 24/7 operations.



WIDE RANGE OF APPLICATIONS

Ideal for cooking kettles, sterilizers, dryers, coolers, mixers, filling machines, conveyors and rotary tables.

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 operations.



GLOBAL SOLUTIONS

Trusted by customers in food industry worldwide.

COMPLIANT WITH FOOD INDUSTRY STANDARDS



FDA
COMPLIANT
MATERIALS

EC 1935/2004
EU FOOD CONTACT
REGULATION



NSF/ANSI 61
CERTIFIED
MATERIALS



SAFE FOR FOOD
PROCESSING
APPLICATIONS



SUPPORTS HACCP
& FOOD SAFETY
PRACTICES



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ENGINEERED
FOR FOOD
INDUSTRY
EXCELLENCE

ROTARY SEALING TECHNOLOGIES

Advanced Rotary, Swivel & Fluid
Transfer Solutions Proudly
Custom Designed for
Food Industry Applications.

BUILT FOR FOOD INDUSTRY APPLICATIONS



FOOD SAFE MATERIALS

Designed with materials
suitable for food
processing environments



HYGIENIC DESIGN

Smooth surfaces and
crevice-free design support
cleaning and sanitation



HIGH TEMPERATURE RESISTANCE

Reliable performance in
heat-intensive processes



CONTINUOUS & RELIABLE OPERATION

Engineered for non-stop
production lines

HIGH RELIABILITY

Engineered to ensure
continuous operation in
demanding conditions.

ENGINEERED PERFORMANCE

Advanced design for
optimal performance
and efficiency.



BUILT FOR TOUGH CONDITIONS

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



PARTNERSHIP YOU CAN TRUST

Partnering for innovation,
performance and
excellence.



LONG SERVICE LIFE & LOW MAINTENANCE

Robust solutions for
maximum durability
and reduced downtime.

ENGINEERED FOR EXCELLENCE.
DELIVERING RELIABILITY. DRIVING PERFORMANCE.

ABOUT ROTOTECH

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

Our commitment is simple:

Engineering Excellence. Customer Success.



www.rototech.com.tr



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ROTOTECH ROTARY JOINTS

— 100 SERIES —



100
SERIES



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**



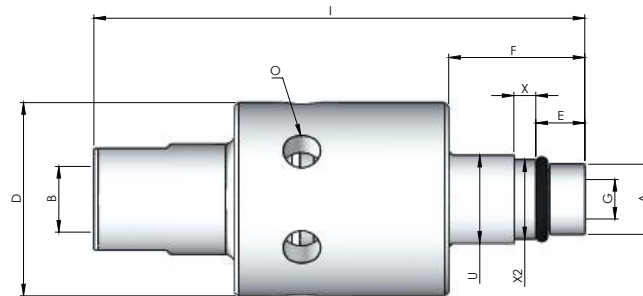
- ✓ For CNC machines and vertical machining centers
- ✓ Easy assembling, high rpm
- ✓ Drainage holes and many thread options Metric, BSP, NPT, UNF etc..
- ✓ Silicon Carbide sealing parts

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**

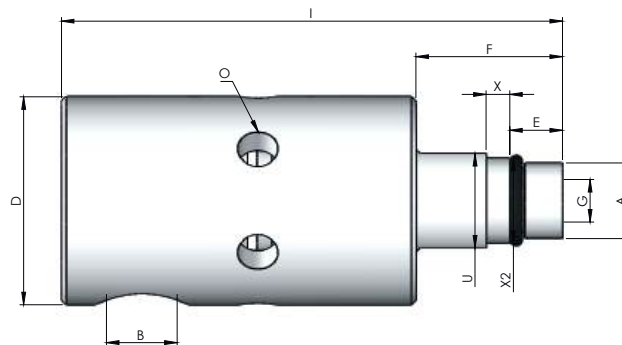


- ✓ For CNC machines and vertical machining centers
- ✓ Easy assembling, high rpm
- ✓ Drainage holes and many thread options Metric, BSP, NPT, UNF etc..
- ✓ Silicon Carbide sealing parts

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**



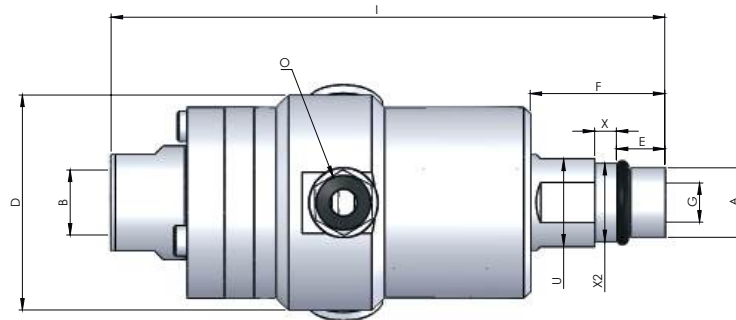
- ✓ Boron oil coolant rotary joint
- ✓ Full capacity fluid transfer
- ✓ Silicon Carbide sealing parts
- ✓ Aluminum, anti - corrosion body
- ✓ Special thread type or BSP, NPT, UNF ..
- ✓ Drainage holes
- ✓ Easy assembling

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



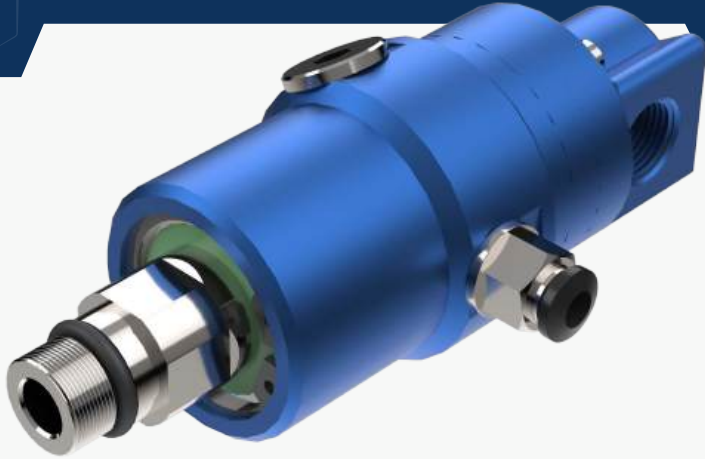
Connection Type

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



Rotor Size

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



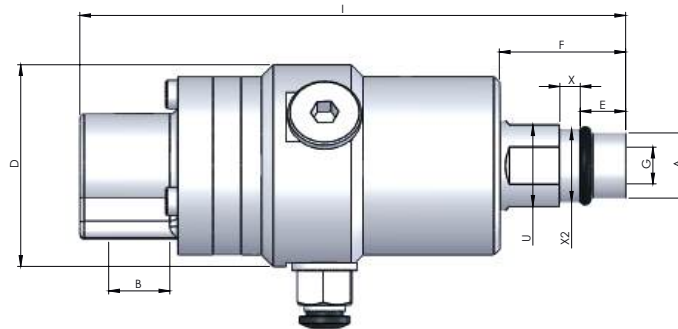
- ✓ Boron oil coolant rotary joint
- ✓ Full capacity fluid transfer
- ✓ Silicon Carbide sealing parts
- ✓ Aluminum, anti - corrosion body
- ✓ Special thread type or BSP, NPT, UNF ..
- ✓ Drainage holes
- ✓ Easy assembling

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**



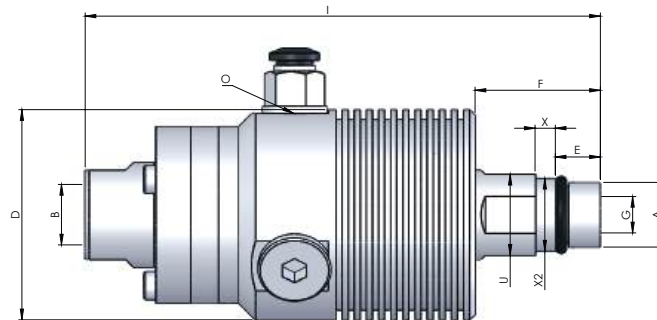
- ✓ Boron oil coolant rotary joint
- ✓ Full capacity fluid transfer
- ✓ Silicon Carbide sealing parts
- ✓ Aluminum, anti - corrosion body
- ✓ Special thread type or BSP, NPT, UNF ..
- ✓ Drainage holes
- ✓ Easy assembling

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**



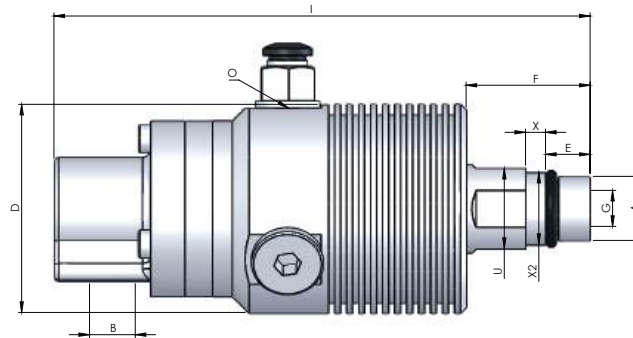
- ✓ Boron oil coolant rotary joint
- ✓ Full capacity fluid transfer
- ✓ Silicon Carbide sealing parts
- ✓ Aluminum, anti - corrosion body
- ✓ Special thread type or BSP, NPT, UNF ..
- ✓ Drainage holes
- ✓ Easy assembling

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



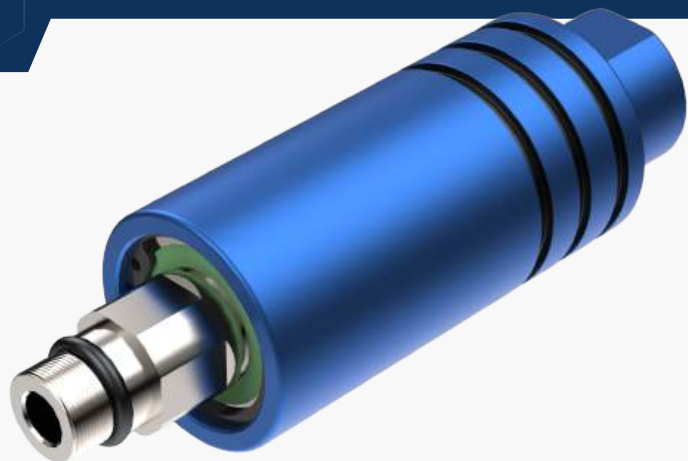
Connection Type

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



Rotor Size

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



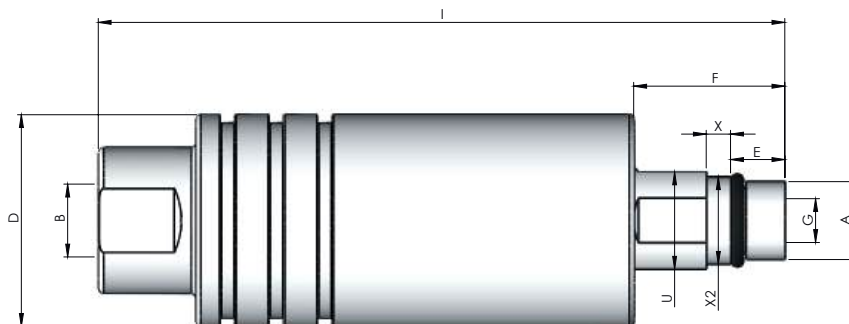
- ✓ Boron oil coolant rotary joint
- ✓ Full capacity fluid transfer
- ✓ Silicon Carbide sealing parts
- ✓ Aluminum, anti - corrosion body
- ✓ Easy assembling

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



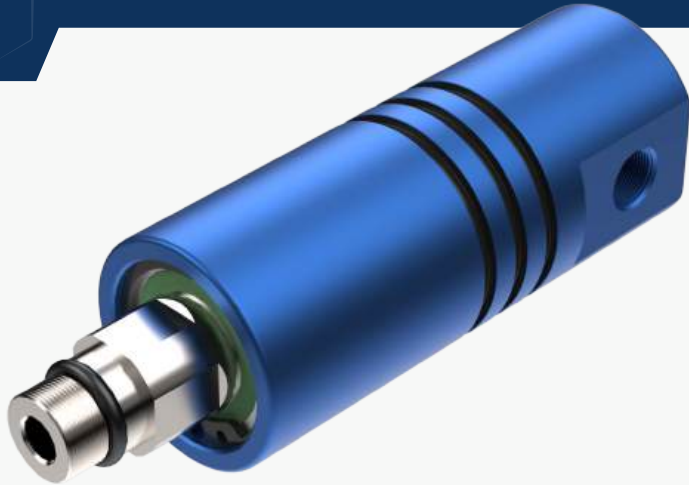
Max. Temperature
70 °C



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



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



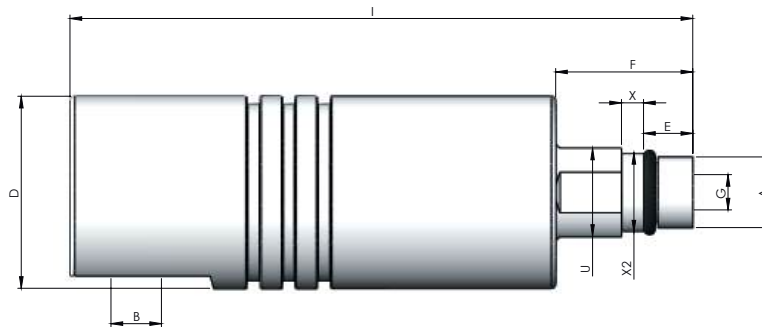
- ✓ Boron oil coolant rotary joint
- ✓ Full capacity fluid transfer
- ✓ Silicon Carbide sealing parts
- ✓ Aluminum, anti - corrosion body
- ✓ Easy assembling

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



Rototech®

ENGINEERED FOR MOTION. BUILT FOR RELIABILITY.

ROTARY UNIONS FOR FOOD PROCESSING & PRODUCTION

HYGIENIC. RELIABLE. ENGINEERED
FOR CONTINUOUS PERFORMANCE.



IDEAL FOR FOOD INDUSTRY APPLICATIONS



CLEANING SYSTEMS
(CIP / SIP)



STEAM & HOT WATER
SYSTEMS



COOLING SYSTEMS



BAKERY & OVEN
EQUIPMENT



FILLING & PACKAGING
MACHINES



MIXERS & BLENDERS



FOOD PROCESSING
LINES



FOOD GRADE SUITABILITY

Designed for food
industry standards with
compatible materials
and reliable sealing.



HYGIENIC DESIGN

Smooth surfaces
and cleanable
design to support
safe and efficient
operations.



HIGH TEMPERATURE & PRESSURE RESISTANCE

Built to perform
under high pressure,
high temperature
and continuous
operation.



LONG SERVICE LIFE & LOW MAINTENANCE

Robust construction
ensures long-lasting
performance and
minimal downtime.



PARTNERSHIP YOU CAN TRUST

Rototech – your reliable
partner for innovation,
quality and continuous
food production.



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www.rototech.com.tr

www.rototechenergy.com



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



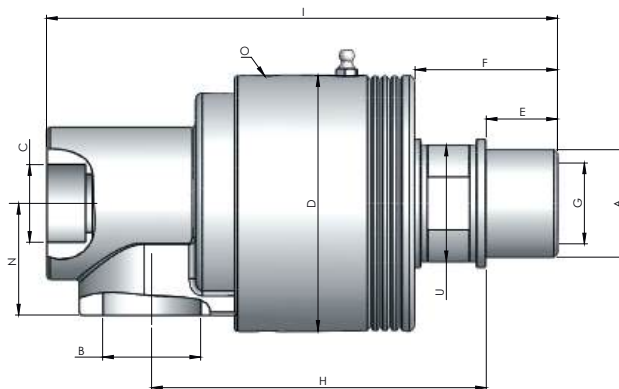
Rotary Joint for water & general purpose

- ✓ 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



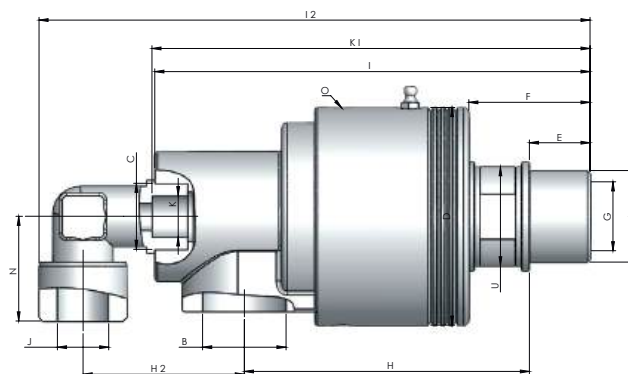
- ✓ Dual flow
- ✓ Balanced mechanical sealing
- ✓ Silicon carbide sealing components
- ✓ Aluminium body and stainless steel shaft/rotor
- ✓ Threaded, Qr & flanged connection

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



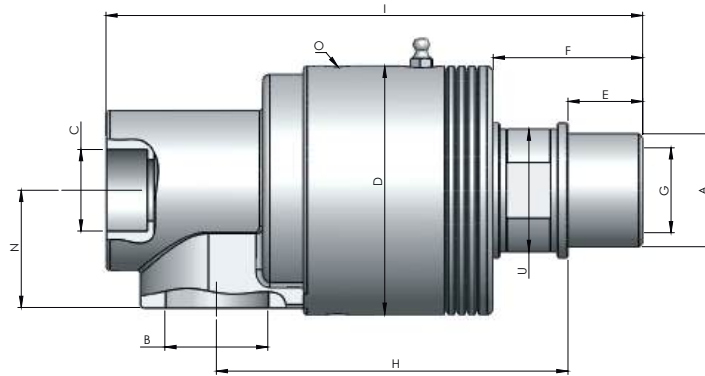
- ✓ Single flow design
- ✓ Balanced mechanical sealing
- ✓ Electroless nickel-plated steel body and stainless steel shaft/rotor
- ✓ Silicon carbide sealing components
- ✓ Threaded, Qr & flanged connection

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



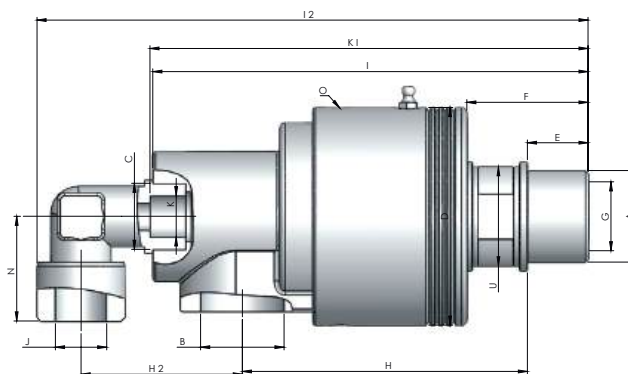
Rotary Joint for water & general purpose

- ✓ 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

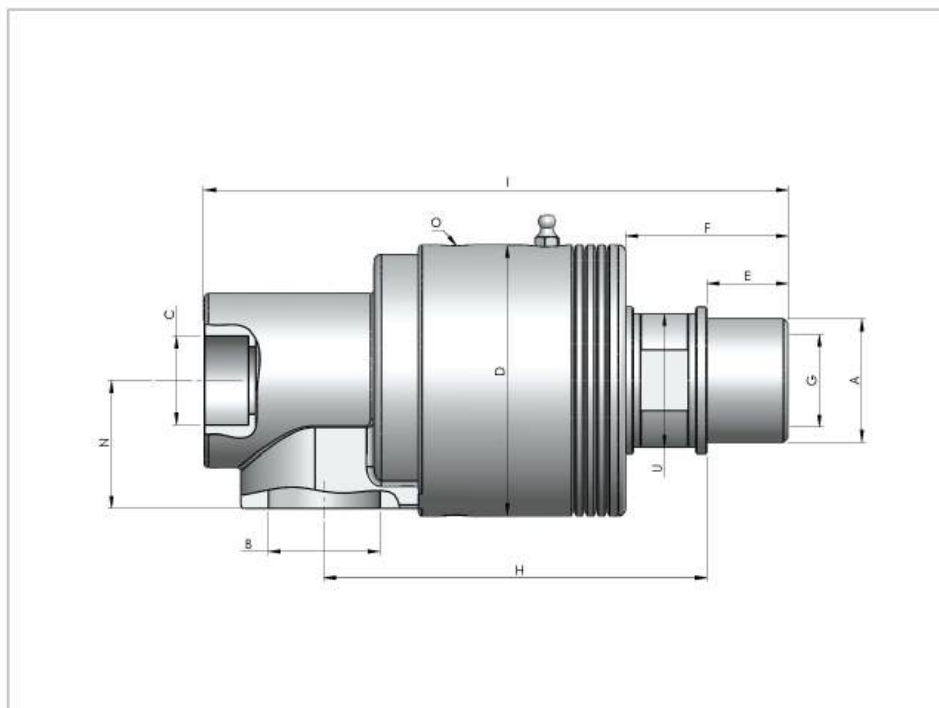


- ✓ Single flow
- ✓ Balanced mechanical sealing
- ✓ Forged brass housing
- ✓ Silicon carbide sealing components
- ✓ Stainless steel shaft and inner parts
- ✓ Threaded, Qr & flanged connection

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

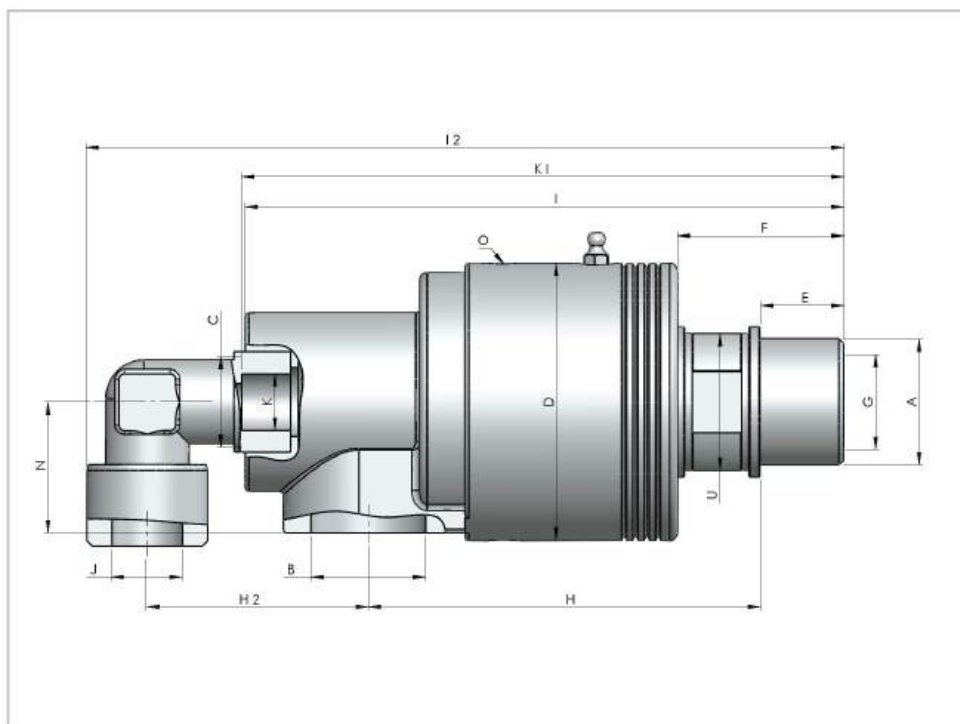


- ✓ Dual flow
- ✓ Balanced mechanical sealing
- ✓ Forged brass housing
- ✓ Silicon carbide sealing components
- ✓ Stainless steel shaft and inner parts
- ✓ Threaded, Qr & flanged connection

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

⚠ Do not operate without fluid.

DIMENSIONS



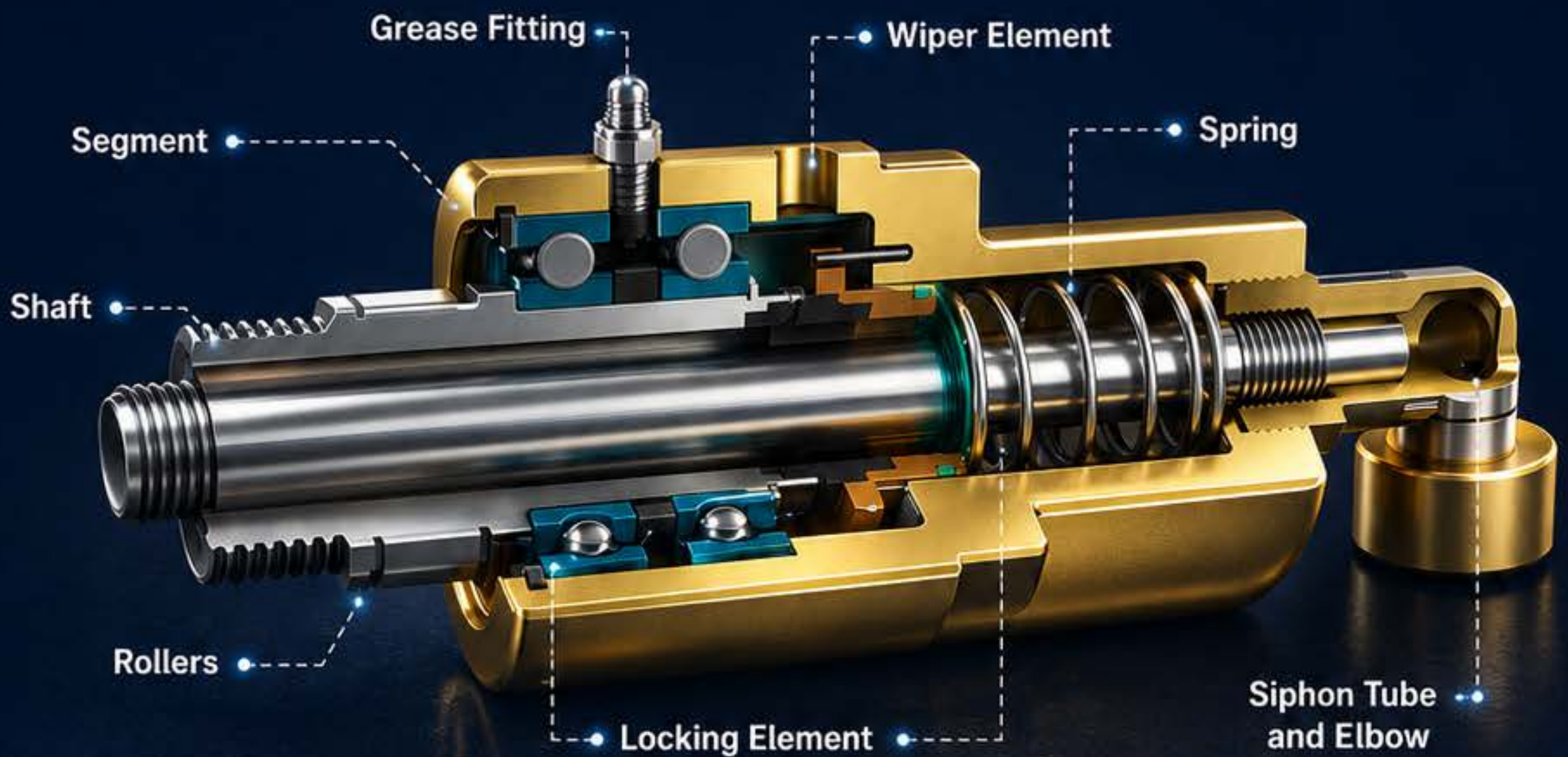
SIZE	B	J	MODEL NO	A	C	DØ	I	I 2	E	F	K	K I	GØ	H	H 2	N	U	LØ	S	T	OØ	KG
15	1/2" NPT	3/8" NPT	3050-011-106D	1/2" NPT - RH	3/8" NPT	57	121	151	19	34	1/4" BSPP	120	13	81,50	39,50	25,00	26				8,5 (2x180°)	1,25
15	1/2" NPT	3/8" NPT	3050-011-107D	1/2" NPT - LH	3/8" NPT	57	121	151	19	34	1/4" BSPP	120	13	81,50	39,50	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



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PRECISION IN MOTION, PERFORMANCE IN EVERY CONNECTION.



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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



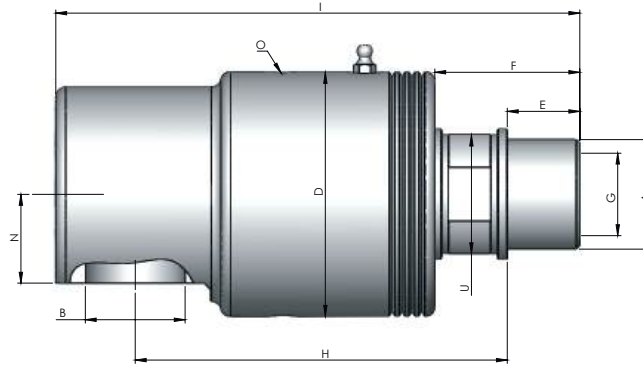
- ✓ Single flow
- ✓ Balanced mechanical sealing
- ✓ Silicon carbide sealing components
- ✓ Stainless Steel Shaft/Rotor
- ✓ Threaded, Qr & flanged connection

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



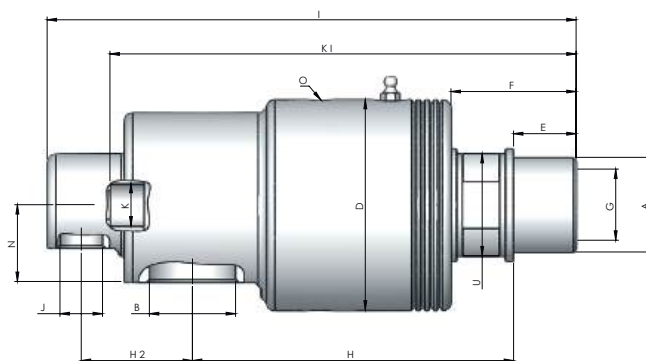
Rotary Joint for water & general purpose

- ✓ 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



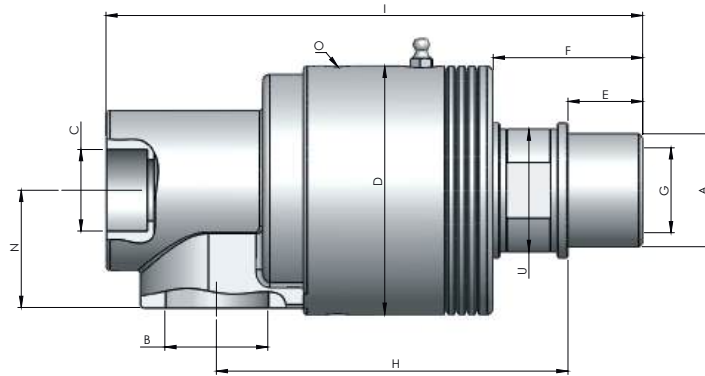
- ✓ Single flow design
- ✓ Balanced mechanical sealing
- ✓ Forged brass housing
- ✓ Silicon carbide sealing components
- ✓ Stainless steel shaft and inner parts
- ✓ Threaded, Qr & flanged connection

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



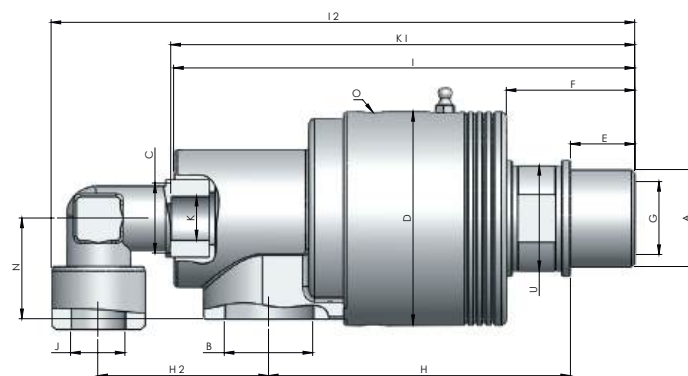
Rotary Joint for water & general purpose

- ✓ 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



4000 SERIES ROTARY UNION

ENGINEERED FOR RELIABILITY.
BUILT FOR PERFORMANCE.



SMOOTH ROTATION
Stable and efficient
rotational performance



RELIABLE CONNECTION
Engineered for high durability
and leak-free operation



COMPACT & DURABLE
Space-saving design with
robust construction



QUALITY FIRST

Committed to superior
quality in every product



CUSTOMER FOCUSED

Understanding needs,
delivering solutions



ENGINEERING EXPERTISE

Advanced technology,
precision engineering



RELIABLE PERFORMANCE

Tested for reliability
built to perform



GLOBAL SOLUTIONS

Serving industries
worldwide

Rotary Joint

4000HO-T1 Series



Media Type
Hot Oil



Max. Speed
400 RPM



Max. Pressure
7 BAR



Max. Temperature
280 °C



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



Rotor Size
1/4" DN15 - 2" DN50



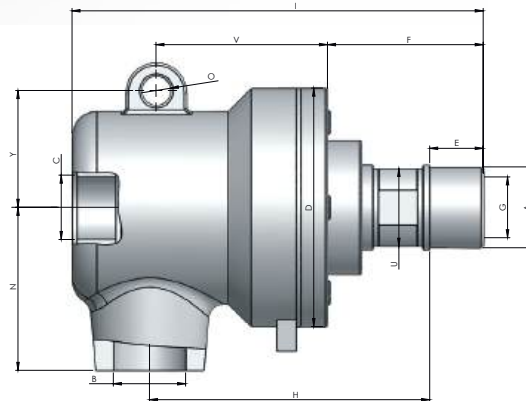
- ✓ Single & duoflow design
- ✓ Nodular casting housing
- ✓ Stainless steel shaft and inner components
- ✓ Carbon Graphite (Antimony)sealing parts
- ✓ Stationary or rotating siphon system
- ✓ Threaded, Qr & flanged connection

Rotary joint for Hot Oil (Max. 280°C)



Do not operate without fluid.

DIMENSIONS



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

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

Rotary Joint

4000HO-T2 Series



Media Type

Hot Oil



Max. Speed

400 RPM



Max. Pressure

7 BAR



Max. Temperature

280 °C



Connection Type

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



Rotor Size

1/2" DN15 - 2" DN50



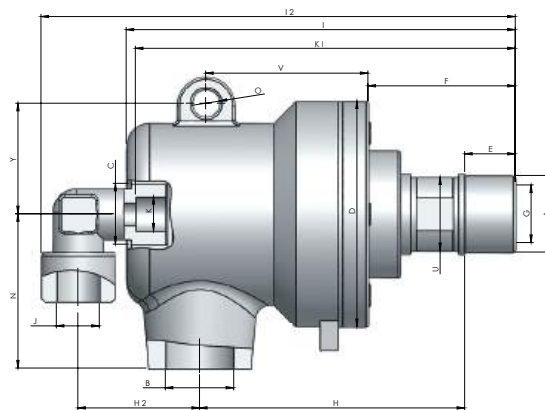
Rotary joint for Hot Oil (Max. 280°C)

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



Do not operate without fluid.

DIMENSIONS



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

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

Rotary Joint

4000-T1 Series



Media Type

Steam



Max. Speed

400 RPM



Max. Pressure

17 BAR



Max. Temperature

210 °C



Connection Type

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



Rotor Size

1/2" DN15 - 2" DN50



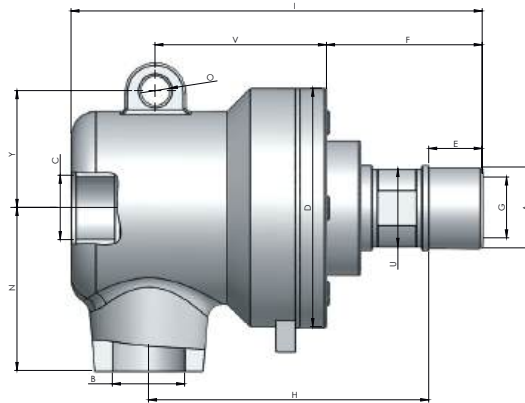
Rotary Joint for Steam

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



Do not operate without fluid.

DIMENSIONS



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



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

Rotary Joint

4000-T2 Series



Media Type

Steam



Max. Speed

400 RPM



Max. Pressure

17 BAR



Max. Temperature

210 °C



Connection Type

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



Rotor Size

1/2" DN15 - 2" DN50



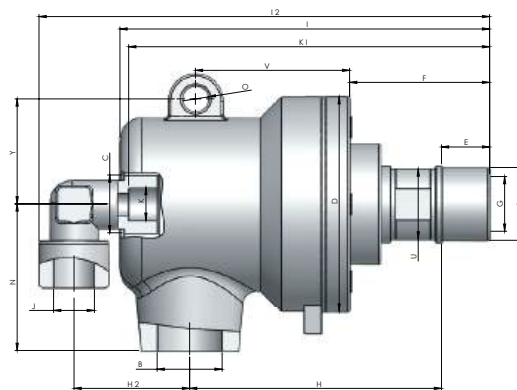
Rotary Joint for Steam

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



Do not operate without fluid.

DIMENSIONS



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

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



7000 SERIES ROTARY UNION

ENGINEERED FOR RELIABILITY.
BUILT FOR PERFORMANCE.



SMOOTH ROTATION
Stable and efficient
rotational performance



RELIABLE CONNECTION
Engineered for high durability
and leak-free operation



COMPACT & DURABLE
Space-saving design with
robust construction



QUALITY FIRST
Committed to superior
quality in every product



CUSTOMER FOCUSED
Understanding needs,
delivering solutions



ENGINEERING EXPERTISE
Advanced technology,
precision engineering



RELIABLE PERFORMANCE
Tested for reliability
built to perform



GLOBAL SOLUTIONS
Serving industries
worldwide

Rotary Joint

7000 Series



Media Type

Hydraulic Oil



Max. Speed

250 RPM



Max. Pressure

200 BAR



Max. Temperature

120 °C



Connection Type

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



Rotor Size

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



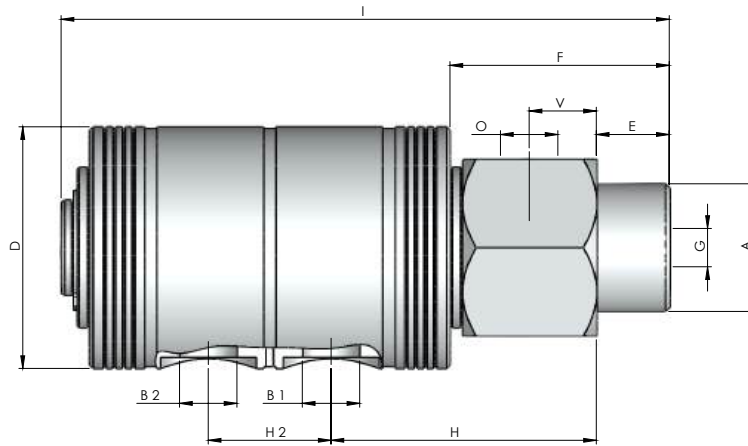
Rotary Joint for hydraulic oil

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



Do not operate without fluid.

DIMENSIONS



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

ROTARY UNION SOLUTIONS FOR FOOD & BEVERAGE INDUSTRY

Rotary unions are essential components in food processing, beverage production, packaging and bottling lines. They ensure safe and continuous transfer of steam, thermal oil, water, air and vacuum to rotating cylinders in critical processes such as cooking, pasteurizing, drying, filling, sterilizing, labeling and packaging.

Our solutions deliver reliable performance, minimize downtime, and help increase overall productivity and energy efficiency.



STEAM, THERMAL OIL, WATER, AIR & VACUUM TRANSFER

Efficient and reliable transfer of various media to rotating equipment.



FOOD-GRADE SAFE OPERATION

Designed for hygienic and safe operation in food processing environments.



IMPROVED EFFICIENCY & PRODUCTIVITY

Reduces downtime and boosts overall productivity.



RELIABLE PERFORMANCE IN CONTINUOUS PRODUCTION LINES

Engineered for demanding food and beverage applications.



ENERGY EFFICIENCY & SUSTAINABILITY

Helps reduce energy consumption and environmental impact.

ENGINEERED FOR YOUR PROCESSES

- ✓ Cooking & Pasteurizing Equipment
- ✓ Bottling & Filling Machines
- ✓ Sterilizers & Autoclaves
- ✓ Dryers & Coolers
- ✓ Packaging & Wrapping Machines
- ✓ Mixers, Blenders & Agitators
- ✓ Conveyor Systems
- ✓ Heat Exchangers & More



HIGH PERFORMANCE & DURABILITY



STAINLESS STEEL CONSTRUCTION



MAXIMUM EFFICIENCY MINIMUM DOWNTIME





7000 SERIES ROTARY UNION

ENGINEERED FOR RELIABILITY.
BUILT FOR PERFORMANCE.



SMOOTH ROTATION
Stable and efficient
rotational performance



RELIABLE CONNECTION
Engineered for high durability
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Understanding needs,
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ENGINEERING EXPERTISE

Advanced technology,
precision engineering



RELIABLE PERFORMANCE

Tested for reliability
built to perform



GLOBAL SOLUTIONS

Serving industries
worldwide

Rotary Joint

7000TE Series

Media Type
Hydraulic Oil

Max. Speed
250 RPM

Max. Pressure
200 BAR

Max. Temperature
120 °C

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

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

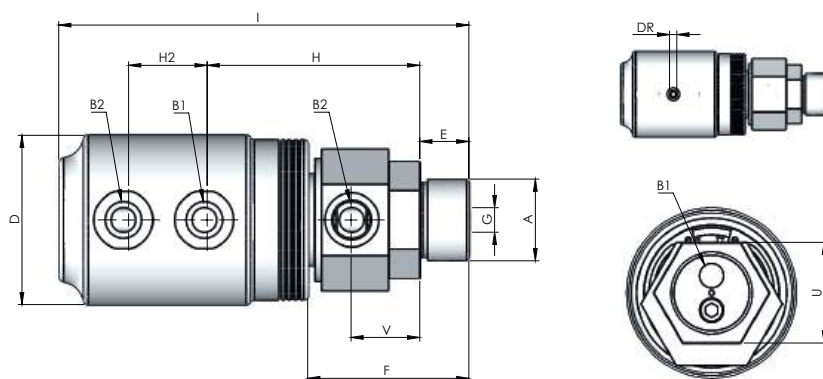


- ✓ Double flow design
- ✓ Balanced mechanical sealing
- ✓ Aluminium housing
- ✓ Teflon & viton sealing parts
- ✓ Special plated shaft
- ✓ Threaded connection (BSP, BSPP, NPT)

Rotary Joint for hydraulic oil

! Do not operate without fluid.

DIMENSIONS



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



ROTOTECH ROTARY JOINTS

— 8000 SERIES —



8000
S E R I E S

Rotary Joint

8000-T1 P Series



Media Type

Water + General Purpose



Max. Speed

750 RPM



Max. Pressure

15 BAR



Max. Temperature

120 °C



Connection Type

BSPP, BSPT, NPT, FL, Metric



Rotor Size

2 1/2" DN65 - 4" DN100



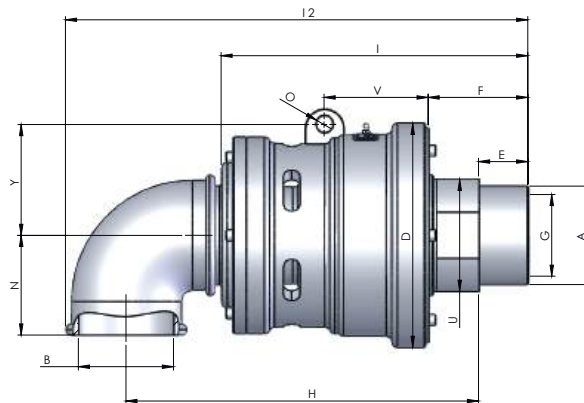
Rotary Joint for water & general purpose

- ✓ 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**



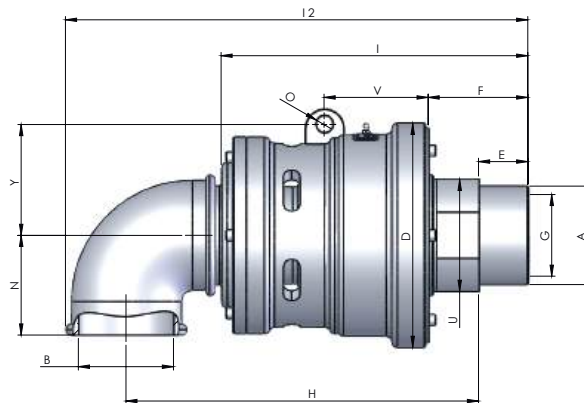
- ✓ Single and duoflow design
- ✓ Balanced mechanical sealing
- ✓ Nodular casting housing
- ✓ Silicon carbide sealing components
- ✓ Stainless steel shaft and inner parts
- ✓ Threaded, Qr & flanged connection

Rotary Joint for water & general purpose



Do not operate without fluid.

DIMENSIONS



SIZE	B	MODEL NO	A	D	I	I2	E	F	GØ	U	H	Y	V	OØ	N	LØ	S	T	KG
65	2 1/2" NPT	8252-150-0013	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**



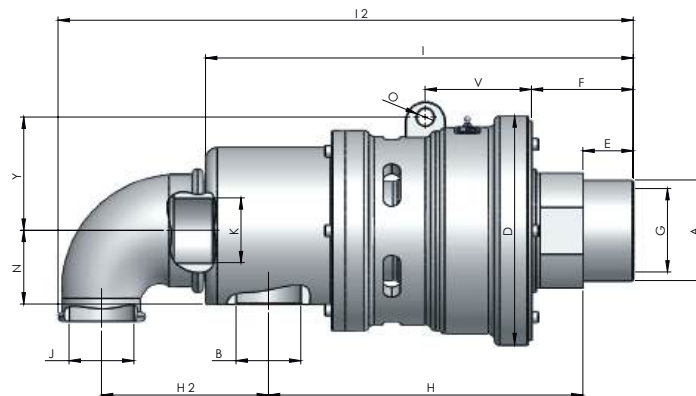
Rotary Joint for water & general purpose

- ✓ 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**



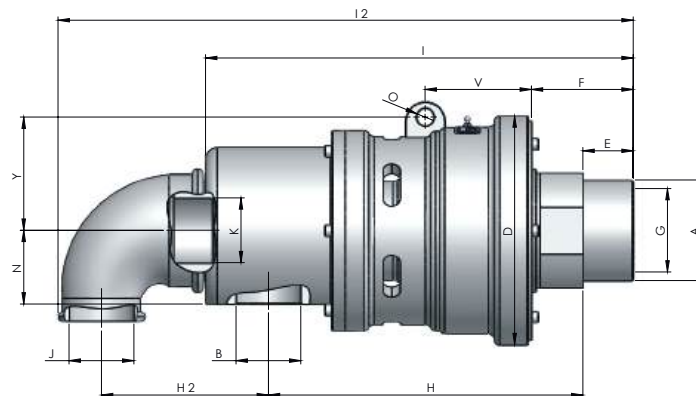
Rotary Joint for water & general purpose

- ✓ 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**



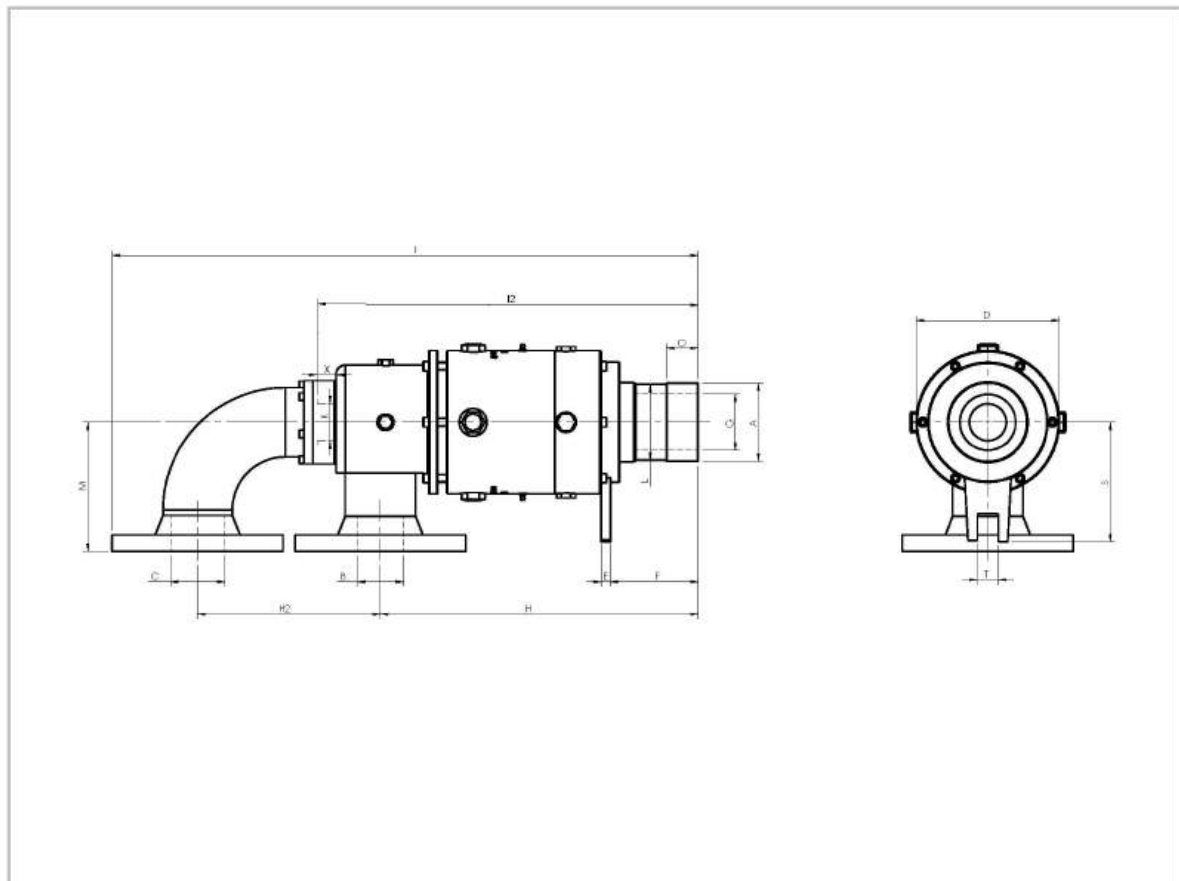
Rotary Joint for Hot Water

- ✓ 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



SIZE	B	MODEL NO	GØ	CØ	DØ	I	E	F	K	X	AØ	H	H2	OØ	M	KI	I2	L	S	T	KG
40	G1 1/4	8115-422-4260-FLY	40	G1 1/4	192	540	16	78,50	28	36	50	350	150	50	42,5/66,5		414	M95X2	141	18	24
50	DN 40	8202-433-4160-FLY	50	DN 40	200	605	18	86	35	35	65	365	165	65	69		425	M95X2	140	20	64
65	DN 50	8252-444-4660-FLY	63	DN 50	230	727	18	89,5	45	30	85	434,5	210	85	87,50		493	M120X2	160	25	93
80	DN 65	8302-455-4760-FLY	85	DN 65	252	805,5	25	129,5	60	40	105	505	205	105	105		575	M130X2	157	26	115
100	DN 100	8402-466-4560-FLY	98	DN 80	252	847	25	125,5	75	45	114	497	245	114	127,50		544,5	M140X2	157	26	127
125	DN 125	8502-477-4960-FLY	120	DN 100	304	952	30	149	88	50	150	540	285	150	127,50		600,5	M175X2	187	30	296

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production in **Food & Beverage**,
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SWIVEL JOINT

B SERIES

SWIVEL JOINT FOR
WATER, HYDRAULIC OIL
AND CHEMICAL FLUIDS



MAX. PRESSURE
250 BAR



MAX. SPEED
20 RPM



MAX. TEMPERATURE
120 °C



CONNECTION TYPE
FL



ROTOR SIZE
1/2" DN15 -
10" DN250

Swivel Joint B Series

Media Type
Water + General Purpose

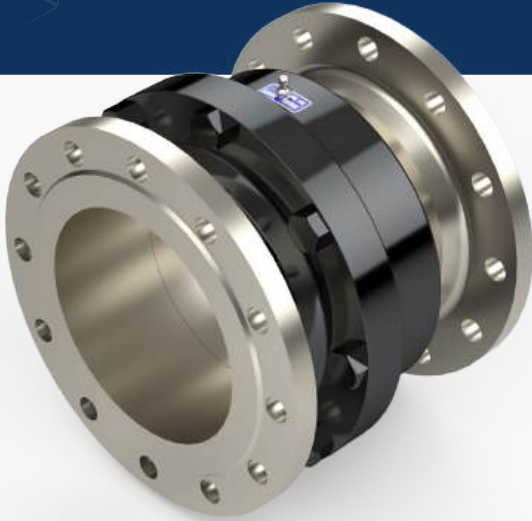
Max. Speed
0 - 20 RPM

Max. Pressure
100 - 350 BAR

Max. Temperature
80 °C

Connection Type
FL

Rotor Size
DN65 - DN250

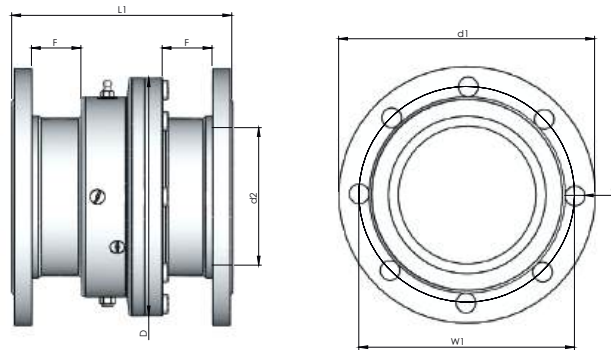


- ✓ Single flow design, vertical rotation
- ✓ Carbon steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All flange types are aviable DIN, ANSI etc..

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

⚠ Do not operate without fluid.

DIMENSIONS



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

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

Swivel Joint

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

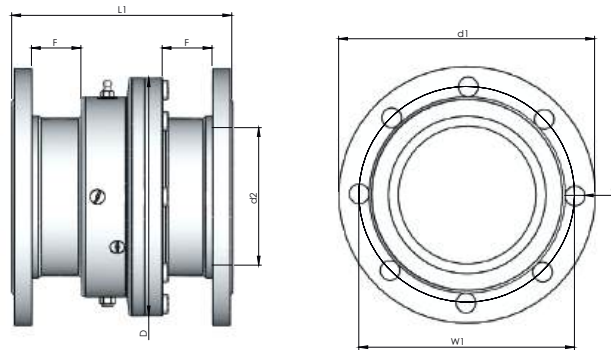


- ✓ Single flow design, vertical rotation
- ✓ Stainless steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All flange types are aviable DIN, ANSI etc..

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



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ENGINEERED SOLUTIONS FOR FOOD & BEVERAGE INDUSTRY

Advanced Rotary, Swivel & Fluid Transfer
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Applications.

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Engineered with hygienic materials and smooth surfaces to meet strict food safety standards.



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Prevent contamination and ensure product integrity with leak-free rotary solutions.



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Advanced design for maximum efficiency and long service life.



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Robust solutions for maximum durability and reduced downtime.

ABOUT ROTOTECH

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

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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 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

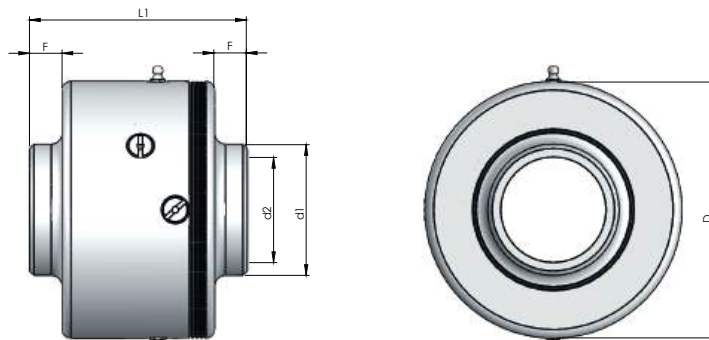


- ✓ Single flow design
- ✓ Carbon steel body
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ Weld end connection

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



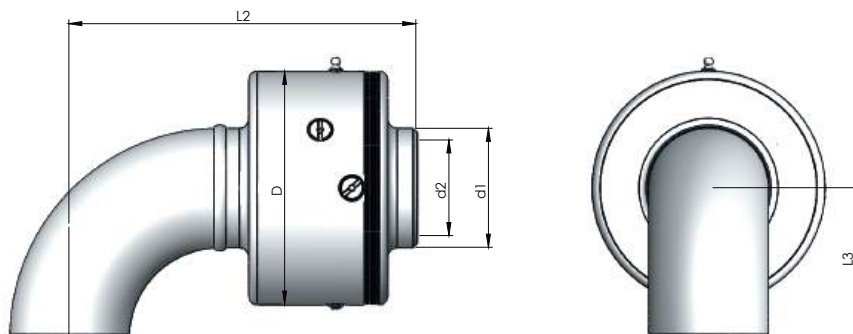
- ✓ Single flow design
- ✓ Stainless steel body
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ Weld end connection

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-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

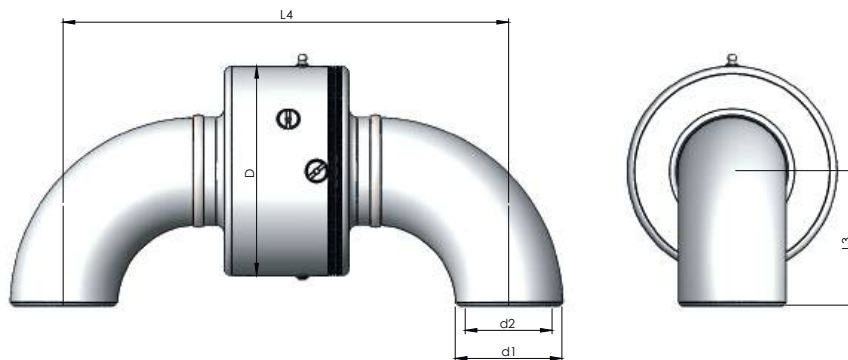


Swivel Joint for water, general purpose

- ✓ 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-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



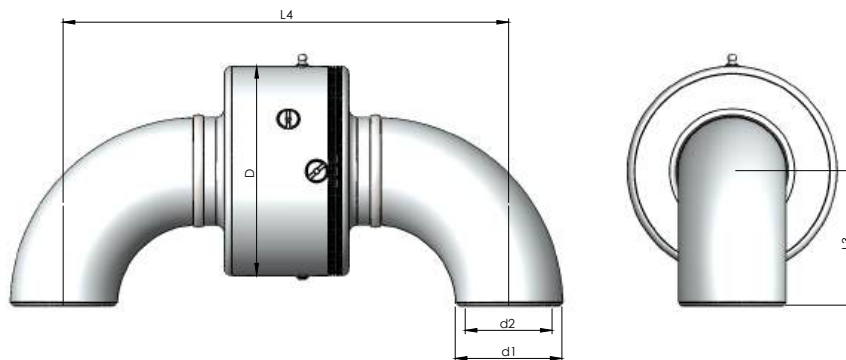
Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ 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-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

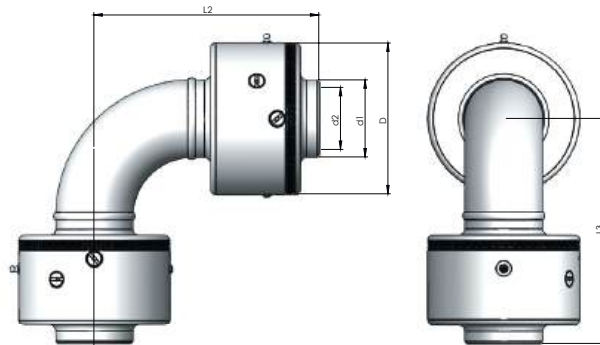


- ✓ Single flow design
- ✓ Carbon steel body
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ Weld end connection

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-KKS4 Series



Media Type
Water, Food + General Purpose



Max. Speed
20 RPM



Max. Pressure
250 BAR



Max. Temperature
80 °C



Connection Type
Weld End



Rotor Size
DN20 - DN200



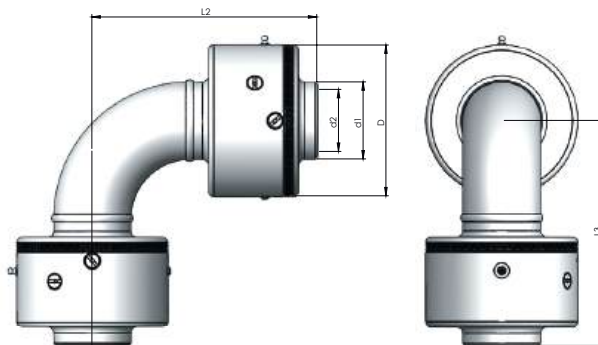
Swivel Joint for water, hydraulic oil, gress and chemical fluids

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



Do not operate without fluid.

DIMENSIONS



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

Swivel Joint

E1-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

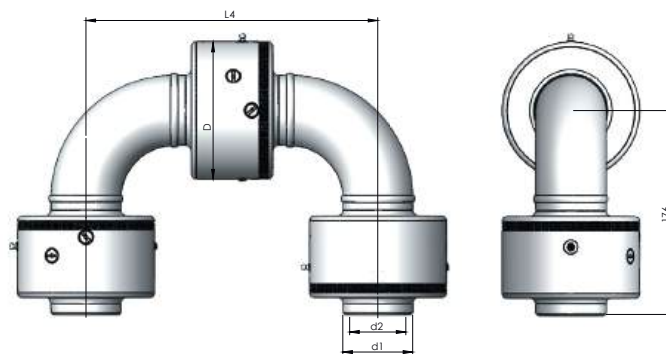


Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ 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

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



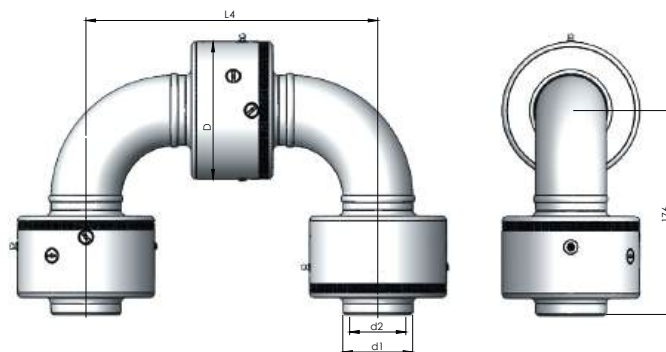
Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ 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





Rototech®
ROTARY UNION • SWIVEL JOINTS

**ENGINEERED
FOR
EXCELLENCE**



**BUILT
FOR
PERFORMANCE**

Reliable Rotary Union Solutions
for the **Food Industry**



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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

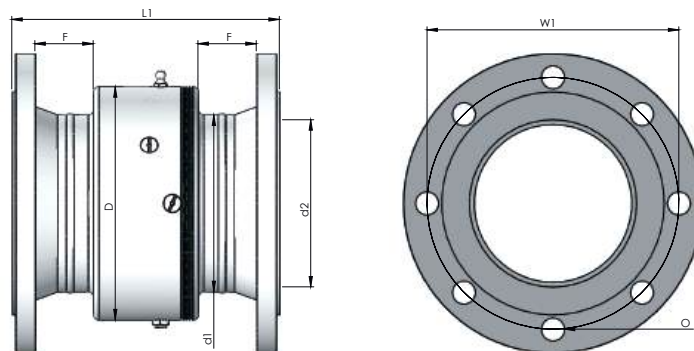


- ✓ Single flow design, vertical rotation
- ✓ Carbon steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All flange types are aviable DIN, ANSI etc..

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



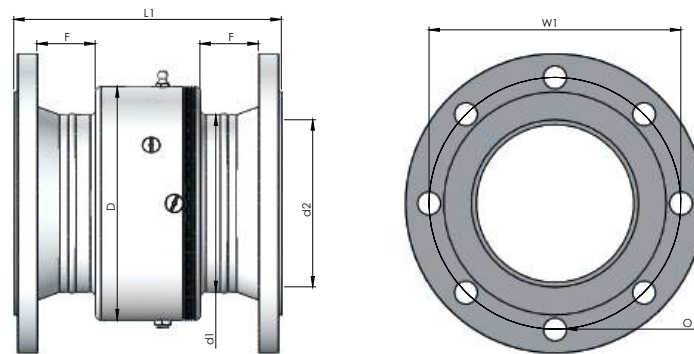
Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ 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

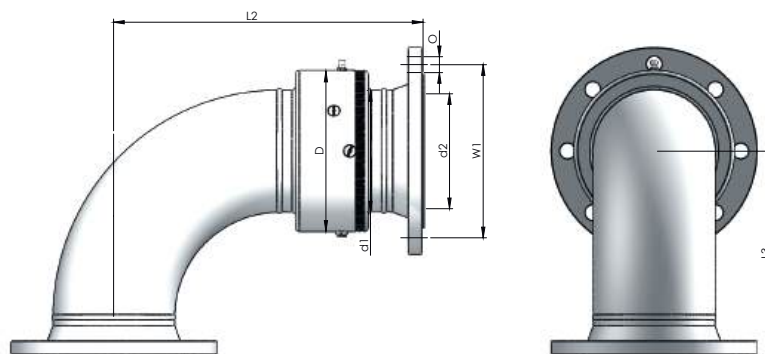


Swivel Joint for water, general purpose

- ✓ 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



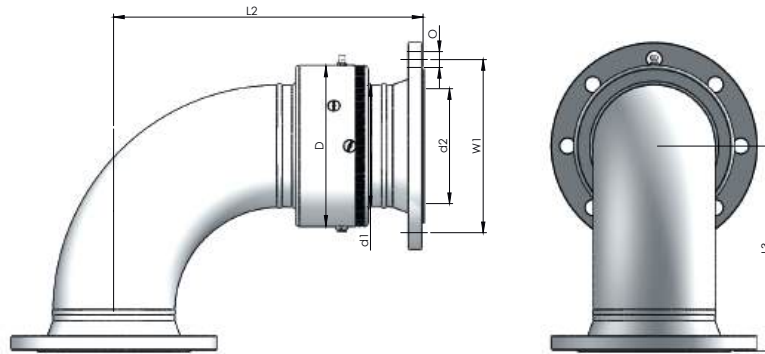
Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ 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

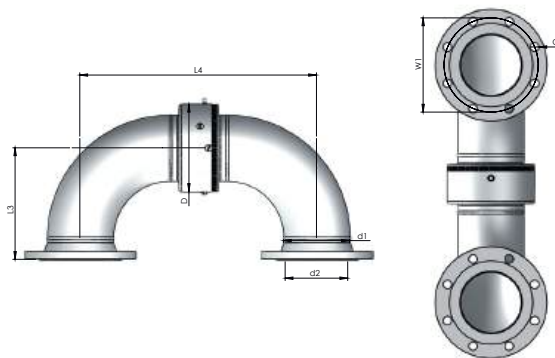


Swivel Joint for water, general purpose

- ✓ Single flow design, vertical rotation
- ✓ Carbon steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All 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	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



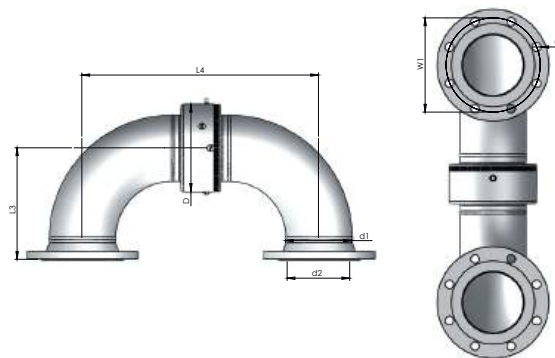
Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ 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

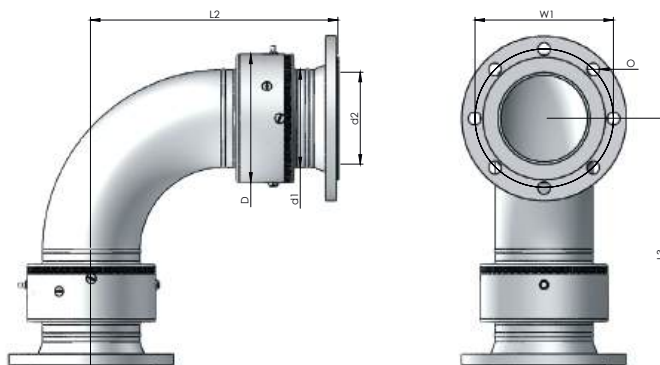


- ✓ Single flow design, vertical rotation
- ✓ Carbon steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All flage types are aviable DIN, ANSI etc..

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

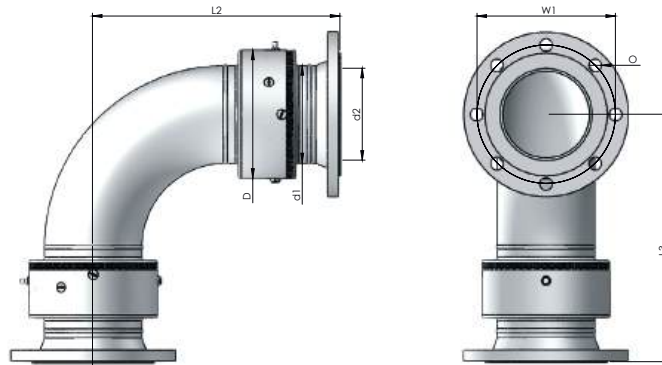


- ✓ Single flow design, vertical rotation
- ✓ Stainless steel material
- ✓ Hardened inner sealing surface
- ✓ Special design sealing components
- ✓ Easy changable repair parts
- ✓ All flange types are aviable DIN, ANSI etc..

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



Rototech®
ROTARY UNION SOLUTIONS

STAINLESS STEEL ROTARY UNION SOLUTIONS

FOR FOOD INDUSTRY

BUILT FOR HYGIENE.
DESIGNED FOR PERFORMANCE.

Rototech stainless steel rotary unions ensure safe and efficient transfer of fluids in food production and processing applications. Manufactured from high-grade stainless steel, they deliver excellent resistance to high temperatures, extreme pressure, corrosion and chemical cleaning – guaranteeing long service life and maximum uptime.

STAINLESS STEEL ADVANTAGES

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



FOOD PROCESSING

Washing, cooking, pasteurizing, sterilizing and cooling applications.



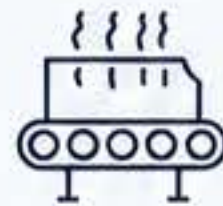
BEVERAGE PRODUCTION

Bottle washing, filling, pasteurization and CIP cleaning systems.



DAIRY & MILK PROCESSING

Heat exchangers, mixing systems and sterilization equipment.



BAKING & CONFECTIONERY

Oven systems, cooling drums and continuous baking lines.



COOKING & MIXING SYSTEMS

Steam, thermal oil and hot water transfer in food preparation.



CIP & SANITATION SYSTEMS

Reliable fluid transfer in cleaning and sanitation processes.

WHERE ROTOTECH ROTARY UNIONS ARE USED

STAINLESS STEEL ROTARY UNION SERIES



FLANGED

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



THREADED

- Compact design
- Easy installation
- Suitable for general applications



SWIVEL

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



MULTI PASS

- Multiple independent passages
- Transfers different fluids simultaneously



HIGH FLOW

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



CUSTOM SOLUTIONS

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



www.rototech.com.tr



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sales@rototech.com.tr
alikaya@rototech.com.tr

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

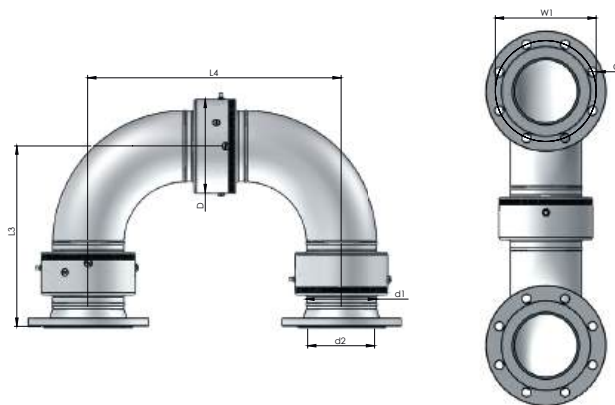


Swivel Joint for water, general purpose

- ✓ 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



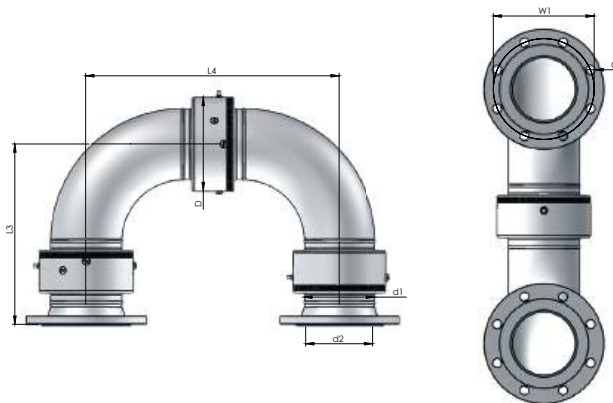
Swivel Joint for water, hydraulic oil, gress and chemical fluids

- ✓ 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



ROTARY UNION SOLUTIONS

FOR THE FOOD INDUSTRY

Engineered for hygiene.
Built for continuous operation.
Trusted in food processing, cooking,
sterilizing, cooling and packaging applications.



FOOD PROCESSING



COOKING & HEATING



STERILIZING & CIP/SIP



PACKAGING & BOTTLING

OUR ROTARY UNION SOLUTIONS



HIGH PERFORMANCE

For high-pressure and
high-temperature applications



RELIABLE OPERATION

Engineered for long-lasting
and continuous performance



FLEXIBLE & LEAK-FREE

Smooth rotation and dependable
sealing for continuous production



RELIABLE

Consistent performance
in demanding food
production
environments.



DURABLE

Built with premium
materials for extended
service life.



EFFICIENT

Optimized flow control
for better productivity
and less downtime.



CONTINUOUS

Designed for uninterrupted
operation in food
processing lines.



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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

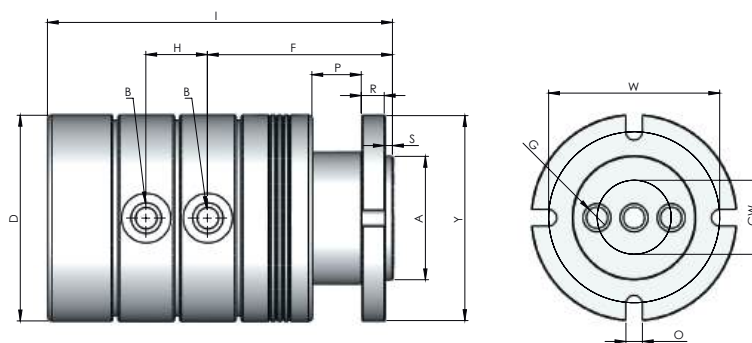
2 x 1/4" - 2 x 3/4"

- ✓ 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"



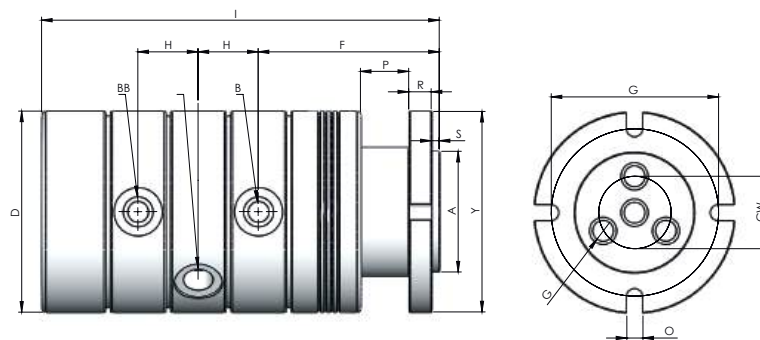
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available

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"



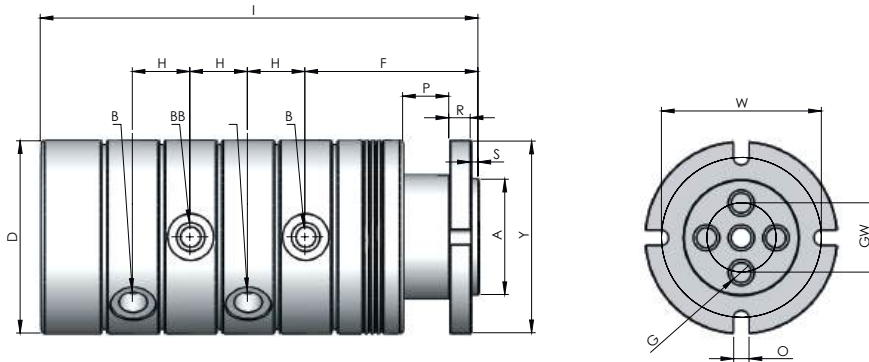
Multi-pass rotary unions

- ✓ 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	184,60	5	30	14	104	45	10	13,40
4 X 3/4"	M1-34201-200	3/4" NPT	135	85	18	135	117,50	43,40	310,60	5	35	12	110	46	11	16,10
4 X 3/4"	M1-34202-200	3/4" BSP	135	85	18	135	117,50	43,40	310,60	5	35	12	110	46	11	16,10
4 X 3/4"	M1-34203-200	3/4" BSPP	135	85	18	135	117,50	43,40	310,60	5	35	12	110	46	11	16,10

Multiports

M1-A5



Media Type

Hydraulic Oil, Air - Vacuum



Max. Speed

250 RPM



Max. Pressure

100 BAR



Max. Temperature

80 °C



Connection Type

NPT, BSPP, BSPT



Rotor Size

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



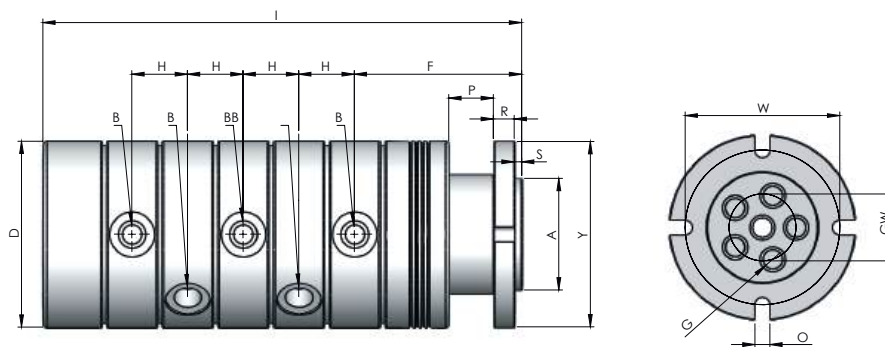
Multi-pass rotary unions

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



Do not operate without fluid.

DIMENSIONS



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

Multiports

M1-A6



Media Type

Hydraulic Oil, Air - Vacuum



Max. Speed

250 RPM



Max. Pressure

100 BAR



Max. Temperature

80 °C



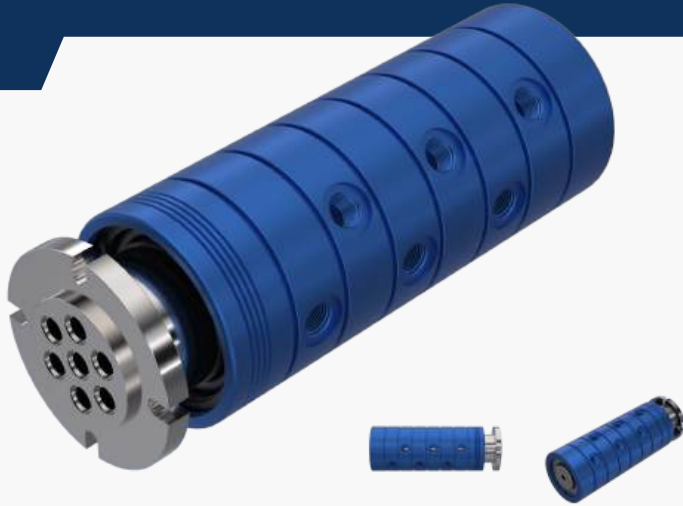
Connection Type

NPT, BSPP, BSPT



Rotor Size

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



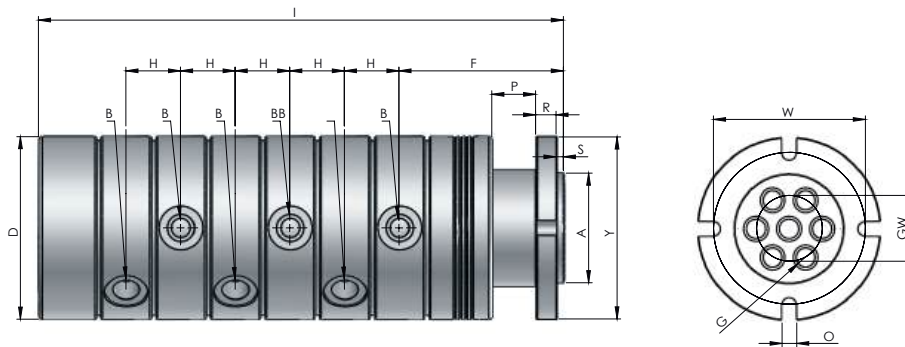
Multi-pass rotary unions

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



Do not operate without fluid.

DIMENSIONS



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

Multiports

M1-A8



Media Type

Hydraulic Oil, Air - Vacuum



Max. Speed

250 RPM



Max. Pressure

100 BAR



Max. Temperature

80 °C



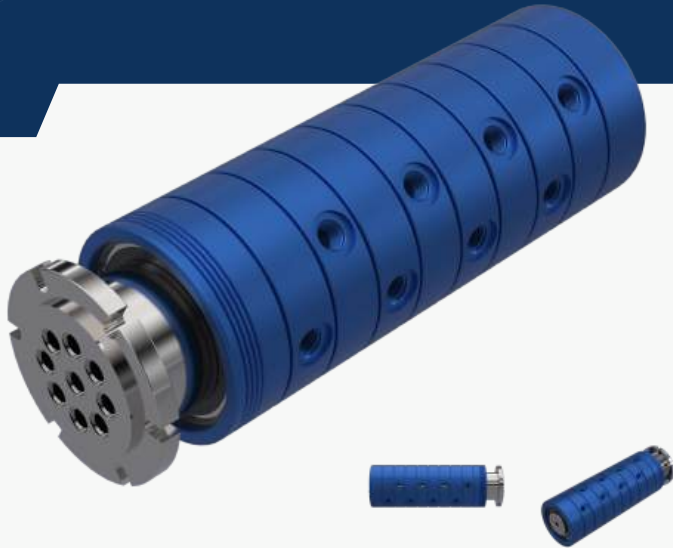
Connection Type

NPT, BSPP, BSPT



Rotor Size

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



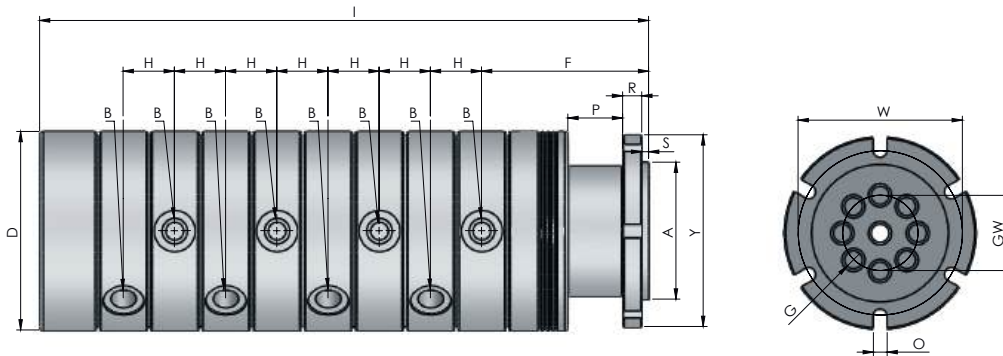
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available

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
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"

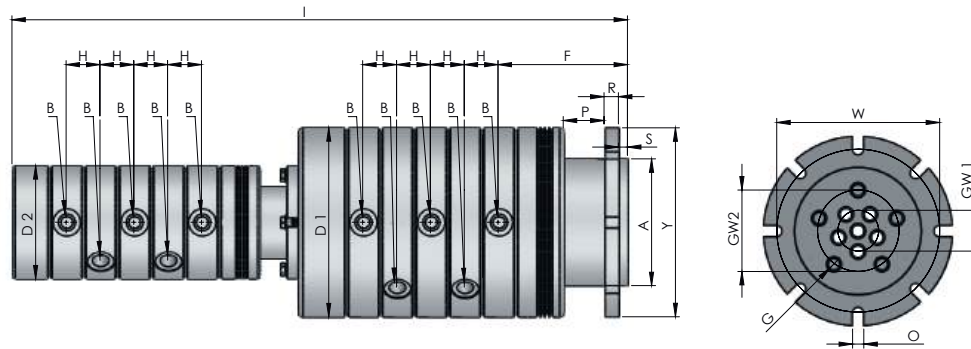
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available

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"



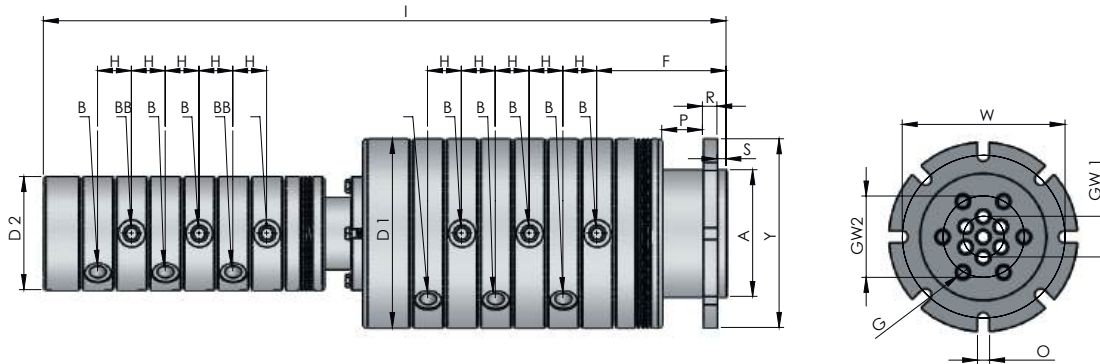
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Aluminium steel body
- ✓ Anti corrosion plated
- ✓ Custom connections types are available

Multi-pass rotary unions



Do not operate without fluid.

DIMENSIONS



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

PRECISION IN MOTION. PURE PERFORMANCE FOR FOOD INDUSTRY.

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industry.



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Manufactured with
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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"



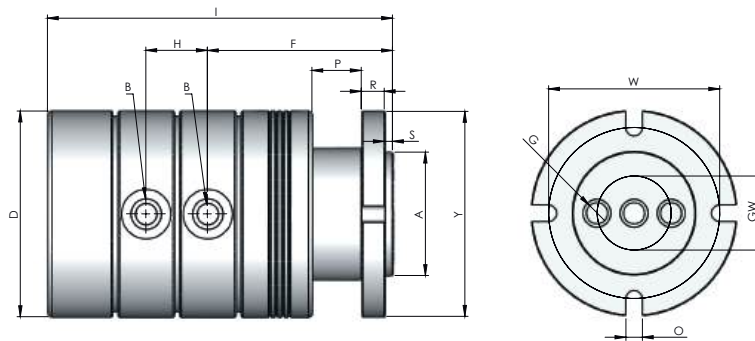
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available

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"



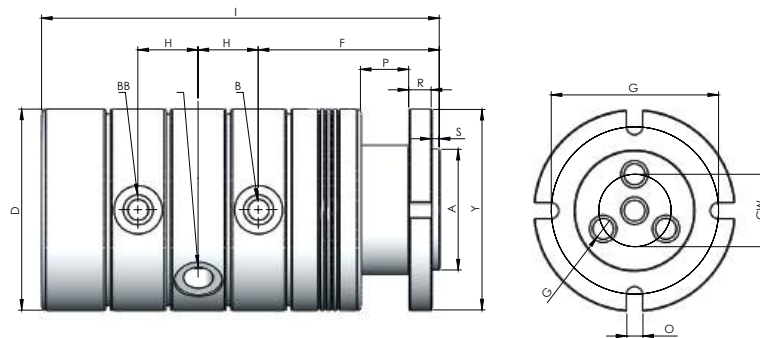
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available

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

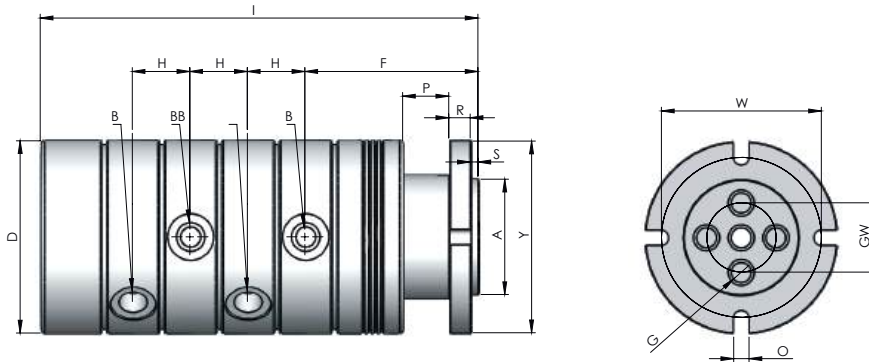
4 x 1/4" - 4 x 1 1/2"

- ✓ 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"



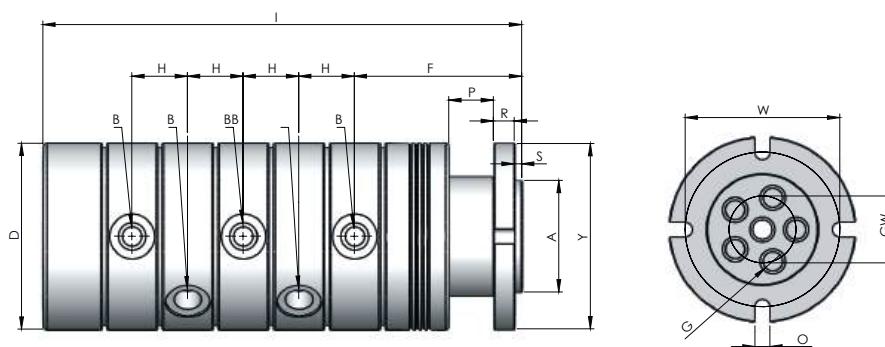
Multi-pass rotary unions

- ✓ 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



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, BSPT



Rotor Size

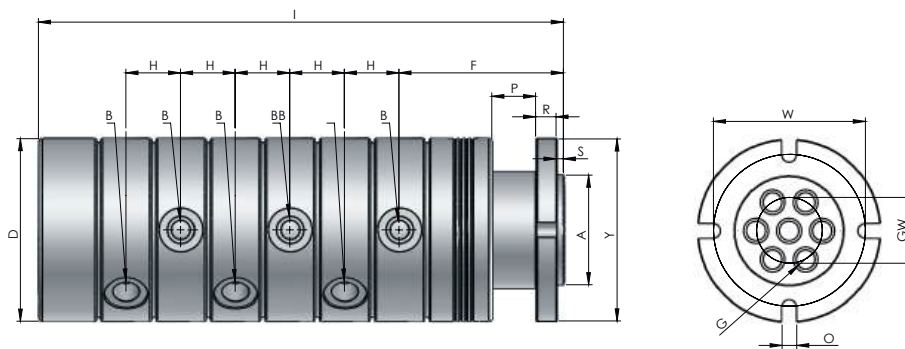
6 x 1/4" - 6 x 1 1/2"

- ✓ 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



Do not operate without fluid.

DIMENSIONS



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

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

Multiports

M1-C8



Media Type

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



Max. Speed

500 RPM



Max. Pressure

490 BAR



Max. Temperature

80 °C



Connection Type

NPT, BSPP, BSPT



Rotor Size

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



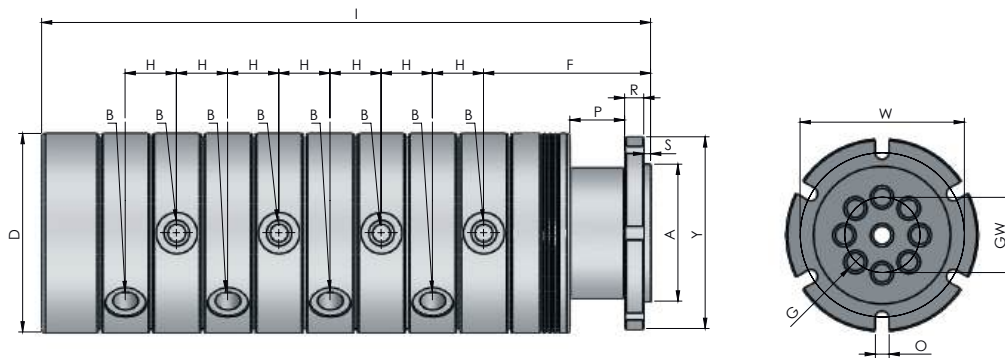
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available

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
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"



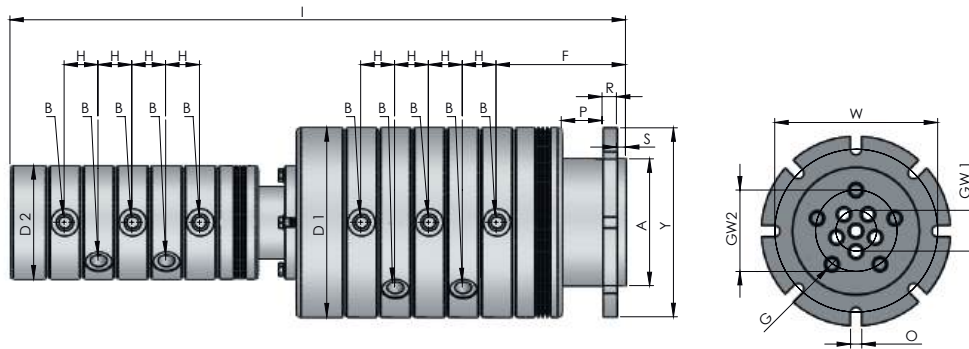
Multi-pass rotary unions

- ✓ 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"

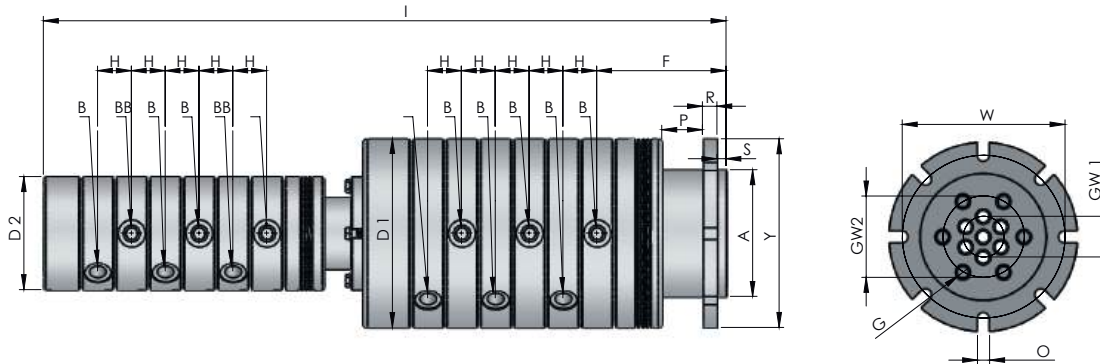
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Carbon steel body
- ✓ Anti corrosion plated body
- ✓ Custom connections types are available

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



ROTOTECH ROTARY JOINTS

— M2 SERIES —
MULTI-PASSAGE TECHNOLOGY



M2
SERIES

M2-S2

Media Type
Hydraulic Oil, Water, Food,

Max. Speed
500 RPM

Max. Pressure
500 BAR

Max. Temperature
80 °C

Connection Type
NPT, BSPP, BSPT

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

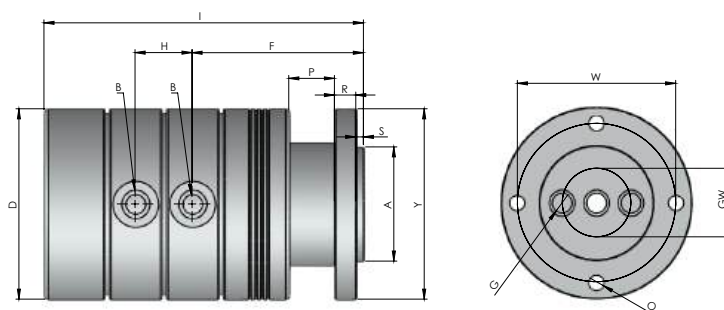


- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Stainless steel body
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions.

! Do not operate without fluid.

DIMENSIONS



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

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

Multiports

M1-S3



Multi-pass rotary unions



Media Type

Hydraulic Oil, Water, Food



Max. Speed

500 RPM



Max. Pressure

500 BAR



Max. Temperature

80 °C



Connection Type

NPT, BSPP, BSPT



Rotor Size

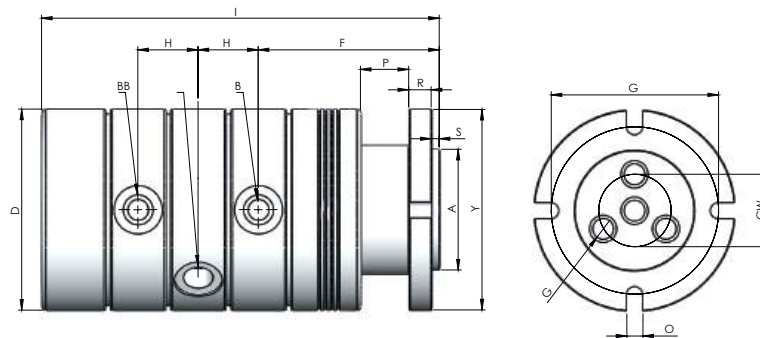
3 x 1/4" - 3 x 1 1/4"

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



Do not operate without fluid.

DIMENSIONS



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

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

Multiports

M1-S4



Multi-passage rotary unions



Media Type

**Hydraulic Oil, Water,
Food**



Max. Speed

500 RPM



Max. Pressure

500 BAR



Max. Temperature

80 °C



Connection Type

NPT, BSPP, BSPT



Rotor Size

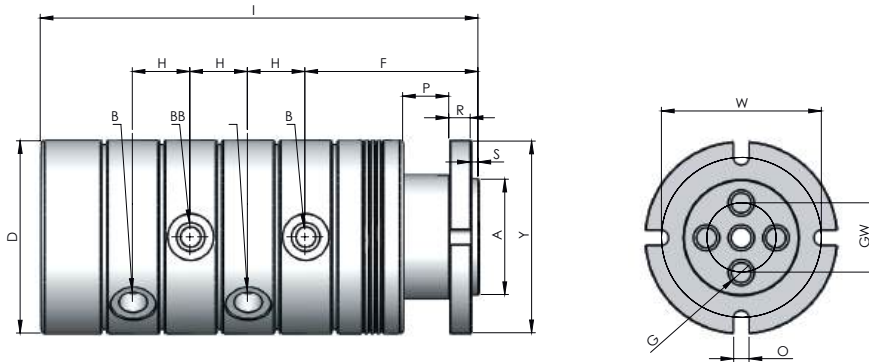
4 x 1/4" - 4 x 1 1/4"

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



Do not operate without fluid.

DIMENSIONS



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

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

Multiports

M1-S5



Media Type

Hydraulic Oil, Air - Vacuum



Max. Speed

500 RPM



Max. Pressure

500 BAR



Max. Temperature

80 °C



Connection Type

NPT, BSPP, BSPT



Rotor Size

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



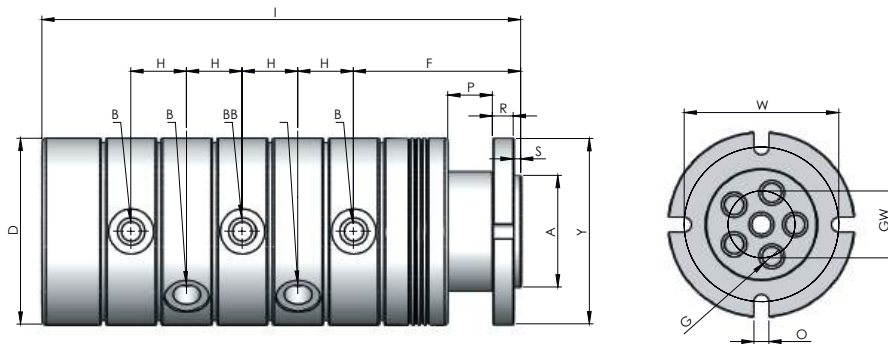
Multi-pass rotary unions

- ✓ 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"**



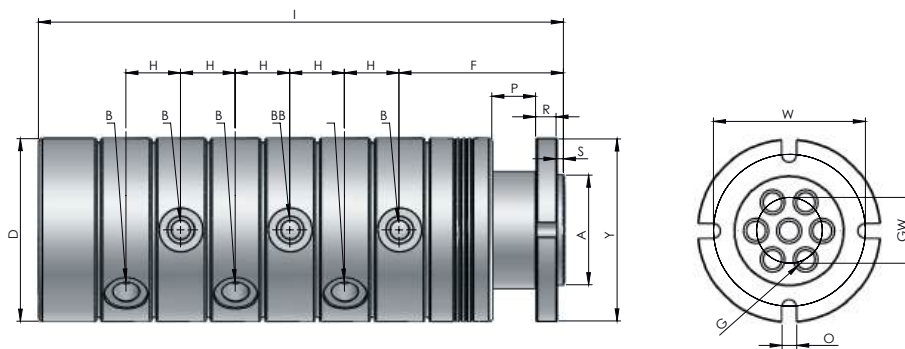
Multi-pass rotary unions

- ✓ 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-pass rotary unions



Media Type

Hydraulic Oil, Water, Food



Max. Speed

500 RPM



Max. Pressure

500 BAR



Max. Temperature

80 °C



Connection Type

NPT, BSPP, BSPT



Rotor Size

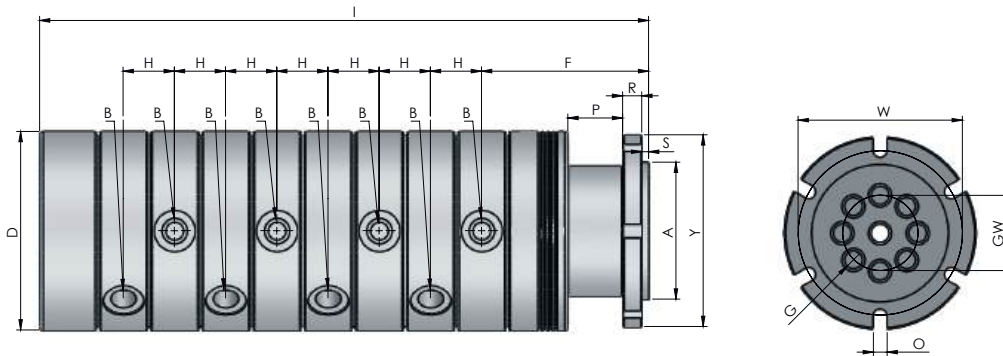
**8 x 1/4" -
8 x 1 1/4"**

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



Do not operate without fluid.

DIMENSIONS



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

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

Multiports

M1-S10



Media Type

Hydraulic Oil, Water, Food



Max. Speed

400 RPM



Max. Pressure

400 BAR



Max. Temperature

80 °C



Connection Type

NPT, BSPP, BSPT



Rotor Size

10x1/4" - 10x3/4"

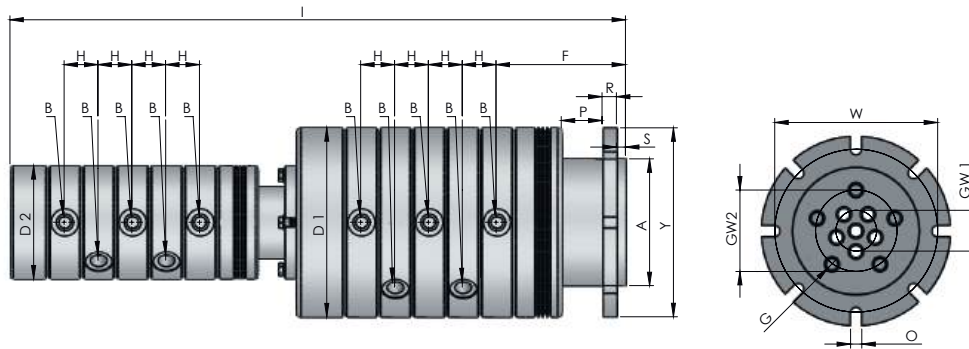
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Stainless steel body
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-passge rotary unions



Do not operate without fluid.

DIMENSIONS



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

Multiports

M1-S12



Media Type

Hydraulic Oil, Water,
Food



Max. Speed

400 RPM



Max. Pressure

400 BAR



Max. Temperature

80 °C



Connection Type

NPT, BSPP, BSPT



Rotor Size

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



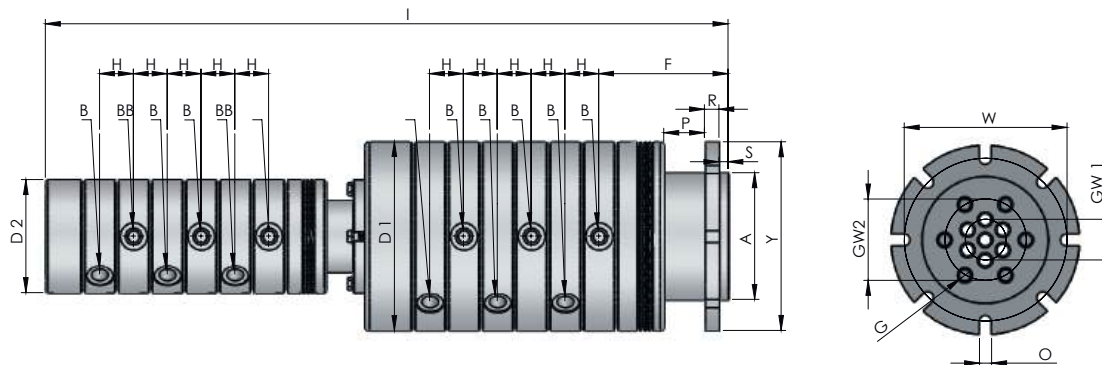
- ✓ Multi flow design
- ✓ Self supported sealing
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ Stainless steel body
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions



Do not operate without fluid.

DIMENSIONS



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

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HIGH-PERFORMANCE ROTARY UNIONS FOR
FOOD & BEVERAGE INDUSTRIES



FOOD
PROCESSING



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PACKAGING



**STEEL HOUSING:
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Built for continuous operation
and maximum safety.



**ALUMINUM HOUSING:
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Lightweight design for high speed
and high performance.



**STAINLESS STEEL HOUSING:
CORROSION RESISTANT**

Superior resistance to corrosion
for long service life.



**BRASS HOUSING:
LONG LIFE & HIGH PERFORMANCE**

Excellent wear resistance for
demanding applications.



HIGH PERFORMANCE

Optimized flow design for
maximum efficiency.



**TEMPERATURE &
PRESSURE RESISTANT**

Engineered for extreme
operating conditions.



LONG SERVICE LIFE

Precision engineering for
reliability and durability.



EASY MAINTENANCE

Modular design for quick
and easy service.



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Advanced manufacturing
with strict quality control.



SAFE • HYGIENIC • RELIABLE
ENGINEERED FOR FOOD SAFETY
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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"



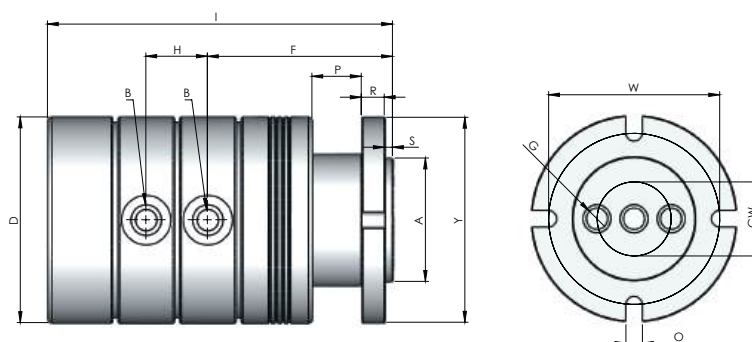
- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

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"



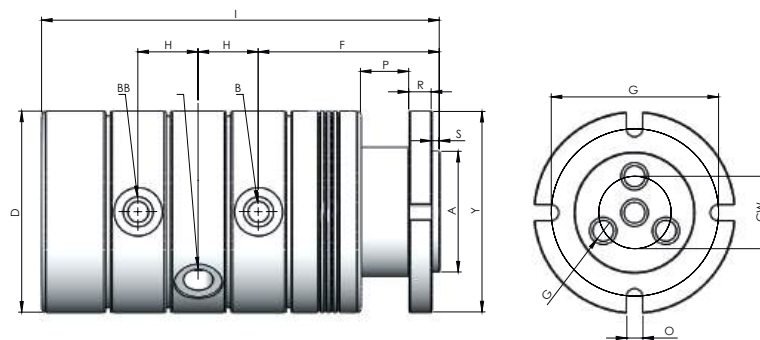
- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

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"



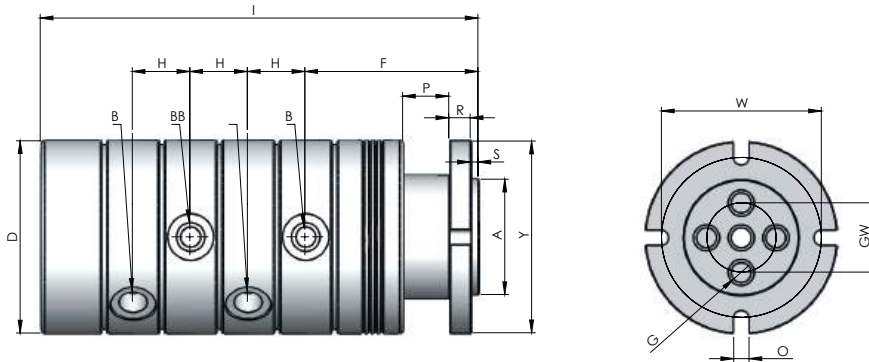
Multi-pass rotary unions

- ✓ 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



Multi-pass rotary unions



Media Type

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



Max. Speed

250 RPM



Max. Pressure

250 BAR



Max. Temperature

80 °C



Connection Type

NPT, BSPP, BSPT



Rotor Size

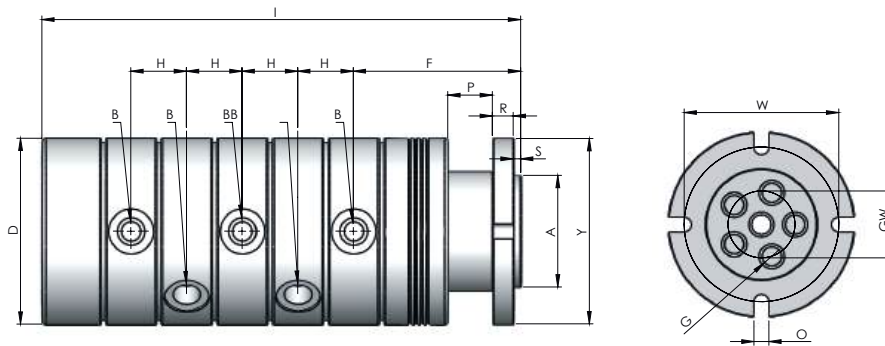
5x 1/4" - 5 x 3/4"

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



Do not operate without fluid.

DIMENSIONS



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

Multiports

M1-SR6



Media Type

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



Max. Speed

250 RPM



Max. Pressure

250 BAR



Max. Temperature

80 °C



Connection Type

NPT, BSPP, BSPT



Rotor Size

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



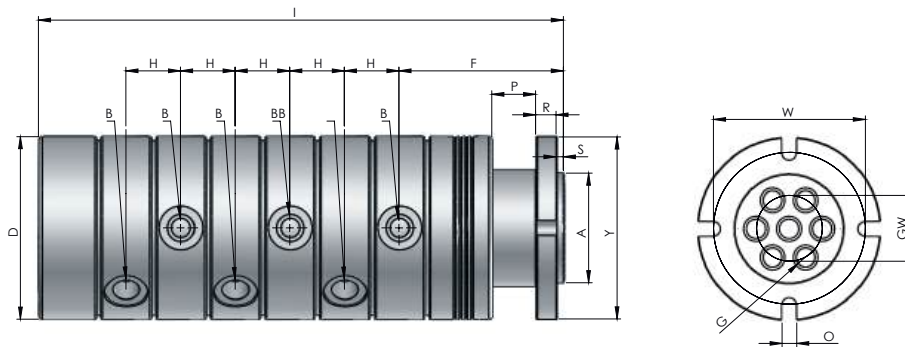
- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions



Do not operate without fluid.

DIMENSIONS



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

Multiports

M1-SR8



Media Type

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



Max. Speed

250 RPM



Max. Pressure

250 BAR



Max. Temperature

80 °C



Connection Type

NPT, BSPP, BSPT



Rotor Size

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



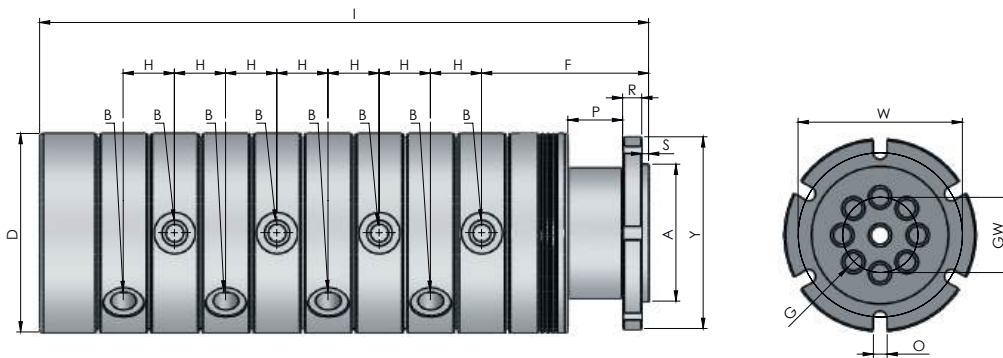
Multi-pass rotary unions

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



Do not operate without fluid.

DIMENSIONS



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

Multiports

M1-SR10



Media Type

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



Max. Speed

200 RPM



Max. Pressure

200 BAR



Max. Temperature

80 °C



Connection Type

NPT, BSPP, BSPT



Rotor Size

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

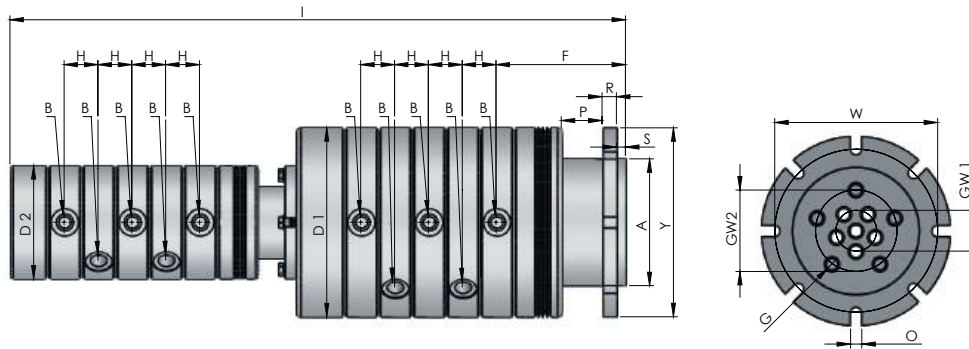
- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-pass rotary unions



Do not operate without fluid.

DIMENSIONS



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

Multiports

M1-SR12



Media Type

Hydraulic Oil, Water,
Air - Vacuum



Max. Speed

250 RPM



Max. Pressure

250 BAR



Max. Temperature

80 °C



Connection Type

NPT, BSPP, BSPT



Rotor Size

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



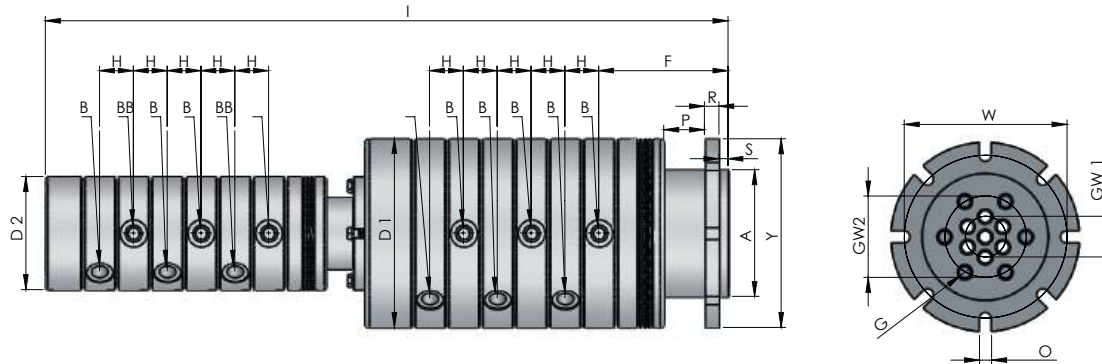
- ✓ Multi flow design
- ✓ Self supported design
- ✓ Dynamic carbon teflon sealing
- ✓ Special design sealing part for different fluids
- ✓ Flanged shaft
- ✓ Chrom plated sealing surface
- ✓ For low-quality fluids
- ✓ Custom connections types are available

Multi-passages rotary unions



Do not operate without fluid.

DIMENSIONS



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



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