Rotary Joints

Water  Hydraulic Oil  Air  Thermal Oil  Steam  Custom Applications

Supplying High Performance Rotary Joints to The World

Automation  Car Wash  Chemical  Corrugating  Converting
Machine Tool  Military  Paper Making  Pharmaceutical  Printing
Rubber & Plastics  Steel  Textile  Wind Energy  Many More ...
COMPANY INTRODUCTION

Fluid Seal Company, Ltd. is a high-tech engineering company dedicated to provide reliable and leak-free rotary joints of different sealing solutions for various industrial applications. Since reliability has always been put first by the company, a unique quality control system was established to make sure no comprise is made through the process of product design, sourcing and manufacturing.

Fluid Seal's rotary joint product line can help transfer media like water, air, steam, hydraulic oil and thermal oil with different operating parameters. Since 2004, our rotary joints have been serving various industrial applications at numerous customer locations. Industries of paper making, corrugating, rubber and plastics, steel, chemical, pharmaceutical and automation are the major industrial segments we serve. With rapid growth over the past years, we are expecting to serve many more customers worldwide with our well-designed and precisely manufactured rotary joints, to improve productivity, save cost, and fill in the special needs of unique applications.
### FLUID SEAL ROTARY JOINTS SELECTION CHART

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- **Recommended**
- **Acceptable**
- **Not Recommended**

### PRODUCT INDEX

**Product Series**

- **BA**: Typical Applications: slow or moderate speed, cost sensitive water transfer
- **BH**: Typical Applications: high speed water transfer applications
- **C**: Typical Applications: continuous casters of steel industry
- **K**: Typical Applications: high pressure and high speed, multi-passage hydraulic oil transfer, inter-passage leak allowed
- **BC**: Typical Applications: single passage air transfer
- **BP**: Typical Applications: 2-passage same fluid transfer of air or hydraulic oil
- **M**: Typical Applications: slow speed, multi-passage air or hydraulic oil transfer
- **MT**: Typical Applications: slow speed, 2-passage air or hydraulic oil transfer, thread connection
- **MQR**: Typical Applications: high speed, low torque pneumatic service for automation
- **SK**: Typical Applications: slow speed, high temperature thermal oil transfer
- **SA**: Typical Applications: slow speed, high temperature steam transfer and condensate removal
- **NA**: Typical Applications: slow speed, high temperature steam transfer and condensate removal

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**BA Series**

**BA Series for Water Service**

**Features**
- Mono flow and dual flow design
- Self-supported
- Mechanical seal type
- Brass housing for water service
- Stainless steel rotor

**Operating Parameters**
- Max. Water Pressure: 11 bar
- Max. Temperature: 120 °C
- Max. Speed: DN 8-32 - 1,000 RPM, DN 40-50 - 500 RPM, DN 65 - 350 RPM

**Example**

| Product Model | BA, BC, C, NA, SA... |
| Supply Pipe Configuration | Dual Flow with Rotating Supply Pipe |
| Shaft Connection Type | F: Flange, Q: Quick Release Flange |
| Media Type | H: Water |
| Nominal Size of Rotary Joint | 003, 006, 015, 020, 025, 030, 040, 050, 060, 080, 100, 120... |
| Nominal Size of Supply Pipe | 002, 004, 006, 008, 010, 012, 014, 016, 020, 025, 032, 040, 050, 065, 080, 100, 125, 150, 160... |
| Thread Type of Shaft Connection | 01: R RH, 02: R LH, 03: G RH, 04: G LH, 05: M RH, 06: M LH, 07: NPT RH, 08: NPT LH |

**BA Series Mono Flow Joint Specifications**

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*For other types of thread connection, contact Fluid Seal.*

**Flanged Rotor Connection Specifications**

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*Other flange dimensions are available upon request.*
BA Series

BA Series Dual Flow Joint Specifications

BAD - Model for Fixed Supply Pipe

| Model | DN  | K  | I   | O   | S   | L1 | L2 | L3 | L4 | L5 | L6 | H1 | H2 | B  | C  | D  |
|-------|-----|----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| 15 R1/2''| Rc1/2''| Rc1/2''| G1/8''| 147  | 135 | 90  | 35 | 30 | 15 | 25 | 25 | φ55 | φ12 | 21 |
| 20 R3/4''| Rc1/2''| Rc1/2''| G1/4''| 159.5| 145 | 95  | 37 | 32 | 15 | 28.5| 30 | φ62 | φ17 | 24 |
| 25 R1''  | Rc3/4''| Rc3/4''| G3/8''| 175.5| 161 | 103 | 45 | 33 | 18 | 33.5| 33 | φ72 | φ20 | 30 |
| 32 R1-1/4''| Rc1''  | Rc1'' | G1/2''| 210.5| 196 | 128 | 53 | 42 | 22 | 41.5| 38 | φ90 | φ30 | 38 |
| 40 R1-1/2''| Rc1''  | Rc1'' | G3/4''| 222  | 204 | 130 | 55 | 40 | 25 | 43.5| 43 | φ95 | φ35 | 44 |
| 50 R2''  | Rc1-1/4''| Rc1-1/4''| G1'' | 290  | 270 | 180 | 70 | 60 | 25 | 56.5| 51 | φ114 | φ45 | 55 |
| 65 R2-1/2''| Rc1-1/2''| Rc1-1/2''| G1-1/4''| 339  | 314 | 208 | 82 | 70 | 30 | 73  | 62 | φ156 | φ60 | 75 |

*For other types of thread connection, contact Fluid Seal.

BAR - Model for Rotating Supply Pipe

| Model | DN  | K  | I   | O   | S   | L1 | L2 | L3 | L4 | L5 | L6 | H1 | H2 | B  | C  | D  |
|-------|-----|----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| 15 R1/2''| Rc1/2''| Rc1/2''| φ10 | 147  | 135 | 90  | 35 | 30 | 25 | 25 | 25 | φ55 | φ12 | 21 |
| 20 R3/4''| Rc1/2''| Rc1/2''| φ12 | 159.5| 145 | 95  | 37 | 32 | 28.5| 30 | φ62 | φ17 | 24 |
| 25 R1''  | Rc3/4''| Rc3/4''| φ16 | 175.5| 161 | 103 | 45 | 33 | 33.5| 33 | φ72 | φ20 | 30 |
| 32 R1-1/4''| Rc1''  | Rc1'' | φ20 | 210.5| 196 | 128 | 53 | 42 | 41.5| 38 | φ90 | φ30 | 38 |
| 40 R1-1/2''| Rc1''  | Rc1'' | φ25 | 222  | 204 | 130 | 55 | 40 | 43.5| 43 | φ95 | φ35 | 44 |
| 50 R2''  | Rc1-1/4''| Rc1-1/4''| φ32 | 290  | 270 | 180 | 70 | 60 | 56.5| 51 | φ114 | φ45 | 55 |
| 65 R2-1/2''| Rc1-1/2''| Rc1-1/2''| φ40 | 339  | 314 | 208 | 82 | 70 | 73  | 62 | φ156 | φ60 | 75 |

*For other types of thread connection, contact Fluid Seal.
BH Series

BH Series for Various Media

Features
- Mono flow and dual flow design
- Replaceable seal allow on-shaft repair
- Balanced mechanical seal
- High precision bearings with water-proof design
- Stainless steel rotor and head

Ordering Number

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* For other types of thread connection, contact Fluid Seal.

Flanged Rotor Connection Specifications

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* Other flange dimensions are available upon request.
BH Series Dual Flow Joint Specifications

**BHD - Model for Fixed Supply Pipe**

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**BHR - Model for Rotating Supply Pipe**

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* For other types of thread connection, contact Fluid Seal.
BC Series

BC Series for Air & Hydraulic Service

Features
- Mono flow design
- Balanced mechanical seal
- Aluminum housing
- Stainless steel rotor
- High quality ball bearings

Operating Parameters
- Max. Air Pressure: 10 bar
- Max. Hydraulic Pressure: 16 bar
- Max. Temperature: 120 °C
- Max. Speed: 3,000 RPM
- Media: Air & Hydraulic Oil

Flange Connection Specifications

BCM - Mono Flow Model

Flange

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<thead>
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<th>Model</th>
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* For other types of thread connection, contact Fluid Seal.

Ordering Number

EXAMPLE

BA, BC, C, NA, SA...

M: Mono Flow
D: Dual Flow with Fixed Supply Pipe
R: Dual Flow with Rotating Supply Pipe
T: Thread Flange
Q: Quick Release Flange

Media Type
- A: Air
- H: Thermal/Hydraulic Oil
- S: Steam
- W: Water

Nominal Size of Rotary Joint
003, 006, 009, 012, 015, 020, 025, 030, 035, 040, 045, 050, 055, 060, 065, 070, 075, 080, 085, 090, 095, 100, 105, 110, 115, 120...

Thread Type of Shaft Connection
01: RH
02: RLH
03: G RH
04: GH
05: M RH
06: MLH
07: NPT RH
08: NPT LH

* Other flange dimensions are available upon request.
BP Series

BP Series for Air & Hydraulic Service

Features
- Dual flow design
- Balanced mechanical seal
- Replaceable sealing kits
- Both passages can be pressurized
- Low torque
- High quality ball bearings

Operating Parameters

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<td>Max. Hydraulic Pressure</td>
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<td>Max. Speed</td>
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EXAMPLE

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<tr>
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BP Series Dual Flow Joint Specifications

BP008

Customer's Shaft End

Rotor Flange - BP008 & BP010 Models

BP010

Rotor Flange - BP015 Model

BP015

Media
C Series

Manufacturer of high performance rotary joints

Features
- Mono flow and dual flow design
- In the shaft mounting
- Brass/SS parts for water service
- Special design to accommodate misalignment
- Customized design available

Operating Parameters
Max. Pressure: 11 bar
Max. Temperature: 120 °C
Max. Speed: 100 RPM
Media: Cooling Water

C Series for Continuous Casters of Steel Industry

Features
- Mono flow and dual flow design
- In the shaft mounting
- Brass/SS parts for water service
- Special design to accommodate misalignment
- Customized design available

Ordering Number

EXAMPLE

Product Model
CA, CK, CN...
Flow Passages
M: Mono Flow
D: Dual Flow
Nominal Size of Flow Passages
020, 025, 040...
Customization Number

CA Model Specifications

CAM - Mono Flow Model

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<th>G</th>
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CAM - Dual Flow Model

| Model | DN | I   | O  | A  | B  | C  | N  | F  | M  | n-X | G  | K  | H  | L1 | L2 | L3 | L4 | L5 | L6 | L7 | L8 |
|-------|----|-----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|
| CAD   | 20 | Rc1/2" Rc1/2" | 46 | 90 | 39 | 72 | 20 | 13 | 6-09 | 59 | 42 | 40 | 72 | 53 | 35 | 20 | 109 | 50 | 50 | 10 |
|       | 25 | Rc3/4" Rc3/4" | 59 | 100| 49 | 83 | 25 | 19 | 6-09 | 73 | 52 | 40 | 75.5| 57.5| 50 | 35 | 141.5| 50 | 64 | 10 |
|       | 40 | Rc1"    | 71 | 120| 68 | 100| 40 | 28.6| 6-09| 86 | 43 | 94 | 72 | 74 | 50 | 135| 50 | 64 | 10 |

*Models of customized design are available upon request. Please contact Fluid Seal for special requirements.
**C Series**

***CK Model Specifications***

CKM015 - 1/2" Model  
CKM020 - 3/4" Model

*Models of customized design are available upon request. Please contact Fluid Seal for special requirements.*

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***CN Model Specifications***

CND - Mono Flow Model

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CND - Dual Flow Model

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*Models of customized design are available upon request. Please contact Fluid Seal for special requirements.*
M Series

Operating Parameters
- Max. Air Pressure: 10 bar
- Max. Hydraulic Pressure: 200 bar
- Max. Temperature: 80 °C
- Max. Speed: 250 RPM
- Media: Air & Hydraulic Oil

M Series for Air & Hydraulic Service

Features
- Multi-passage design
- Special seals ensure long service life
- Hardened sealing surface
- Drain passage design
- High quality ball bearings
- Customized design available

Ordering Number

EXAMPLE

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<tr>
<th>Product Model</th>
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<th>Nominal Size of Flow Passages</th>
<th>Media Type</th>
<th>Thread Type of Shaft Connection</th>
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| M03           | 03 010 A • 01   | 01, 02, 03, ... 16          | M, MH, MQR, MT, K ... | A: Air O: Hydraulic Oil (Default) |}

M Series Joint Specifications

Customer's Shaft End - For M Models

Customer's Shaft End

Model | DN | I | K | A | B | C | M | D | L | E | F | G | V | J | W | H | Y | Q

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<th>B</th>
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*Models over 4 passages, other types of thread connection, or customized rotary joints are available upon request. Please contact Fluid Seal for special requirements.
M Series Joint Specifications - Continued

Rotor Flanges - M01-M04 MH02-MH04 Models

Customer's Shaft End - For MH Models

MH Models

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*Models over 4 passages, other types of thread connection, or customized rotary joints are available upon request. Please contact Fluid Seal for special requirements.
MT Series

MT Series for Air & Hydraulic Service

Features
- Mono flow and dual flow design
- Special seals ensure long service life
- Hardened sealing surface
- Drain passage design
- High quality ball bearings

Operating Parameters
- Max. Air Pressure: 10 bar
- Max. Hydraulic Pressure: 200 bar
- Max. Temperature: 80 °C
- Max. Speed: 250 RPM
- Media: Air & Hydraulic Oil

MT Series Joint Specifications

Model DN I K1 A B C D L E F G W Q
MT01
15 1x G1/2" G1/2" 121 78 13 2-M8 36.5 18 35 62 32 73.5
20 1x G3/4" G3/4" 133 83 16 2-M8 40.5 20 40 69.5 38 83.5
25 1x G1" G1" 148 90 22 2-M12 46 25 45 77 38 92
32 1x G1-1/4" G1-1/4" 168 108 30 2-M12 53 25 52 88 46 109

Model DN I K1 K2 A B C D J L E F G V W Q
MT02
8 2x G1/4" G3/4" G1/4" 153 83 8 2-M8 15 49.5 20 49 73.5 21 38 104.5
10 2x G3/8" G1" G3/8" 168 90 12 2-M12 16.5 57 25 56 80.5 33 46 117
15 2x G1/2" G1-1/4" G1/2" 202 108 14 2-M12 25.5 73 25 72 99.5 30 55 147
20 2x G3/4" G1-1/2" G3/4" 213 108 20 2-M12 27 77 25 75 104.5 34 60 157

* For other types of thread connection, contact Fluid Seal.

www.fluid-seal.com  www.fluidseal.net
K Series for Hydraulic Service

Features
- Multi-passage design
- Special seals ensure very long service life
- Low rotation torque
- Drain passage design
- High precision ball bearings
- Customized design available

EXAMPLE

Ordering Number
K 03 010 O

K Series Joint Specifications

Operating Parameters
- Max. Hydraulic Pressure: 210 bar
- Max. Temperature: 80 °C
- Max. Speed: 3,000 RPM
- Media: Hydraulic Oil

K Series Joint Specifications

Customer's Shaft End

Rotor Flanges - K01-K04 Models

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*Models over 4 passages, other types of thread connection, or customized rotary joints are available upon request. Please contact Fluid Seal for special requirements.
MQR Series

Manufacturer of high performance rotary joints

MQR Series for Pneumatic Service

Features

- Multi-passage design
- Special seals ensure very long service life
- Low rotation torque
- High precision ball bearings
- Up to 8-passage models available

Operating Parameters

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EXAMPLE

Ordering Number

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Operating Parameters

- Operating Pressure: -100kPa to 1MPa
- Max. Temperature: 80 °C
- Max. Speed: MQR02: 2,000 RPM, MQR04: 1,500 RPM, MQR06: 900 RPM, MQR08: 900 RPM
- Media: Air & Vacuum

IMPORTANT NOTICE

MQR series rotary joints were designed with hydrostatic seal, which means inter-passage leak occurs when media of different pressure are applied to different passages. Please check the chart "Inter-passage Leakage According to Differential Pressure" on the right for leakage vs. differential pressure of different models. The actual leakage will vary slightly according to rotation speed, ambient temperature, flow rate, etc.

Inter-passage Leakage According to Differential Pressure

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MQR Series Joint Specifications

MQR02

MQR02

MQR04

MQR06

MQR08

Inter-passage Leakage According to Differential Pressure

MQR02

MQR04

MQR06

MQR08

IMPORTANT NOTICE

MQR series rotary joints were designed with hydrostatic seal, which means inter-passage leak occurs when media of different pressure are applied to different passages. Please check the chart "Inter-passage Leakage According to Differential Pressure" on the right for leakage vs. differential pressure of different models. The actual leakage will vary slightly according to rotation speed, ambient temperature, flow rate, etc.

Inter-passage Leakage According to Differential Pressure

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MQR Series Joint Specifications

MQR02

MQR04

MQR06

MQR08

Inter-passage Leakage According to Differential Pressure

MQR02

MQR04

MQR06

MQR08

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Fluid Seal Company, Ltd.

Manufacturer of high performance rotary joints

**SK Series**

**SK Series for Thermal Oil Service**

**Features**
- Mono flow and dual flow design
- Self-supported
- Compressed carbon seal design
- Ductile iron housing and rotor

**Ordering Number**

**EXAMPLE**

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<th>T</th>
<th>O 032 - 015 • 01</th>
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**Operating Parameters**

- Max. Pressure: 7 bar
- Max. Temperature: 315 °C
- Max. Speed: 250 RPM
- Media: Thermal Oil

**SK Series Mono Flow Joint Specifications**

- Mono flow and dual flow design
- Self-supported
- Compressed carbon seal design
- Ductile iron housing and rotor

**Flanged Rotor Connection Specifications**

- For both Mono Flow & Dual Flow Models

- Other flange dimensions are available upon request.

**Operating Parameters**

- Max. Pressure
- Max. Temperature
- Max. Speed
- Media

**Flange**

**Flange - For Both Mono Flow & Dual Flow Models**

- Other flange dimensions are available upon request.

**SKM - Mono Flow Model**

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*Other flange dimensions are available upon request.*

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* Other flange dimensions are available upon request.*

**EXPLANATION**

- Mono Flow and Dual Flow Models
- Other flange dimensions are available upon request.

- Other types of thread connection, contact Fluid Seal.
### SK Series

**SK Series Dual Flow Joint Specifications**

#### SKD - Model for Fixed Supply Pipe

| Model | DN | K | I | O | S | L2 | L3 | L4 | L5 | L6 | L8 | H1 | H2 | H3 | M | C | D |
|-------|----|---|---|---|---|----|----|----|----|----|----|----|----|---|---|---|
| 20    | 3/4" | Rc1/2" | Rc1/2" | G1/4" | 209 | 194 | 136 | 45 | 42 | 101 | 15 | 45 | 30 | 45 | φ12 | φ19 | 27 |
| 25    | 1"   | Rc3/4" | Rc3/4" | G3/8"  | 234 | 217 | 153 | 49 | 49 | 109 | 18 | 50 | 35 | 50 | φ12 | φ24 | 32 |
| 32    | 1-1/4" | Rc1"  | Rc1"  | G1/2" | 263 | 243 | 167 | 57 | 52 | 131 | 22 | 60 | 42 | 60 | φ14 | φ32 | 41 |
| 40    | 1-1/2" | Rc1"  | Rc1"  | G3/4" | 294 | 275 | 193 | 63 | 59 | 140 | 25 | 65 | 45 | 65 | φ18 | φ38 | 46 |
| 50    | 2"   | Rc1-1/4" | Rc1-1/4" | G1" | 338 | 314 | 217 | 73 | 61 | 157 | 25 | 70 | 54 | 75 | φ18 | φ45 | 57 |
| 65    | 2-1/2" | Rc1-1/2" | Rc1-1/2" | G1-1/4" | 446 | 417 | 243 | 145 | 75 | 183 | 30 | 88 | 62 | 85 | φ18 | φ60 | 72 |

#### SKR - Model for Rotating Supply Pipe

| Model | DN | K | I | O | S | L2 | L3 | L4 | L5 | L6 | L8 | H1 | H2 | H3 | M | C | D |
|-------|----|---|---|---|---|----|----|----|----|----|----|----|----|---|---|---|
| 20    | 3/4" | Rc1/2" | Rc1/2" | φ12 | 209 | 194 | 136 | 45 | 42 | 101 | 20 | 45 | 30 | 45 | φ12 | φ19 | 27 |
| 25    | 1"   | Rc3/4" | Rc3/4" | φ16 | 234 | 217 | 153 | 49 | 49 | 109 | 20 | 50 | 35 | 50 | φ12 | φ24 | 32 |
| 32    | 1-1/4" | Rc1"  | Rc1"  | φ20 | 263 | 243 | 167 | 57 | 52 | 131 | 25 | 60 | 42 | 60 | φ14 | φ32 | 41 |
| 40    | 1-1/2" | Rc1"  | Rc1"  | φ25 | 294 | 275 | 193 | 63 | 59 | 140 | 25 | 65 | 45 | 65 | φ18 | φ38 | 46 |
| 50    | 2"   | Rc1-1/4" | Rc1-1/4" | φ32 | 338 | 314 | 217 | 73 | 61 | 157 | 30 | 70 | 54 | 75 | φ18 | φ45 | 57 |
| 65    | 2-1/2" | Rc1-1/2" | Rc1-1/2" | φ40 | 446 | 417 | 243 | 77 | 75 | 183 | 35 | 88 | 62 | 85 | φ18 | φ60 | 72 |
| 80    | 3"   | DN50PN16 | DN50PN16 | φ46 | 568 | 486 | 265 | 85 | 84 | 218 | 40 | 150 | 95 | φ22 | φ72 | 87 |
| 90    | 3-1/2" | DN50PN16 | DN50PN16 | φ58 | 636 | 553 | 311 | 109 | 91 | 246 | 50 | 150 | 150 | φ22 | φ80 | 96 |
| 100   | 4"   | DN65PN16 | DN65PN16 | φ72 | 667 | 575 | 300 | 130 | 92 | 311 | 55 | 180 | 180 | φ27 | φ92 | –  |
| 125   | 5"   | DN80PN16 | DN80PN16 | φ86 | 730 | 630 | 340 | 135 | 96 | 311 | 75 | 220 | 220 | 155 | φ27 | φ120 | – |

*For other types of thread connection, contact Fluid Seal.
Fluid Seal Company, Ltd.
Manufacturer of high performance rotary joints

SA Series

SA Series for Steam Service

Features

- Mono flow and dual flow design
- Self-supported
- Special surface treatment for steam service
- Compressed carbon seal design

Ordering Number

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<th>K</th>
<th>I</th>
<th>L</th>
<th>L3</th>
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<th>H1</th>
<th>H3</th>
<th>M</th>
<th>C</th>
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* For other types of thread connection, contact Fluid Seal.

Operating Parameters

Max. Pressure 17 bar
Max. Temperature 220 °C
Max. Speed 250 RPM
Media Steam

SA Series Mono Flow Joint Specifications

Flanged Rotor Connection Specifications

Flange - For Both Mono Flow & Dual Flow Models

* Other flange dimensions are available upon request.
# SA Series Dual Flow Joint Specifications

**SA Series**

**SA Series Dual Flow Joint Specifications**

**Model DN K I O S L L2 L3 L4 L5 L6 L8 H1 H2 H3 M C D**

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<th>S</th>
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**SAR Series Dual Flow Joint Specifications**

**Model DN K I O S L L2 L3 L4 L5 L6 L8 H1 H2 H3 M C D**

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</table>

*For other types of thread connection, contact Fluid Seal.*
NA Series

NA Series for Steam Service

Features
- Mono flow and dual flow design
- External-supported
- Special surface treatment for steam service
- Ductile iron housing and rotor

Operating Parameters

Max. Pressure 17 bar
Max. Temperature 220 °C
Max. Speed 300 RPM
Media Steam

Ordering Number

EXAMPLE

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<th>Product Model</th>
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<td>M: Mono Flow</td>
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<td>D: Dual Flow with Fixed Supply Pipe</td>
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<td>R: Dual Flow with Rotating Supply Pipe</td>
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EXAMPLE

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<th>S</th>
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<th>B</th>
<th>L2</th>
<th>L3</th>
<th>L4</th>
<th>L6</th>
<th>H1</th>
<th>H2</th>
<th>C</th>
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<th>J</th>
<th>n-X</th>
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NA Series Joint Specifications

NAD - 1 1/2" & 2" Models

NAD125 - 5" Model

* Models of thread connection are available upon request. Please contact Fluid Seal.
Manufacturer of high performance rotary joints

Core Chucks

Torque Activated Core Chucks

Features
- Long service life
- Low maintenance cost
- Single core and dual core design
- Size available from 3" to 12"
- Quick replacement of top chuck

Core Chuck Specifications

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<tr>
<th>Model</th>
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<th>B</th>
<th>C</th>
<th>n-X</th>
<th>N</th>
<th>L</th>
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<th>L2</th>
<th>L3</th>
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Dual Core Model - For Use of Multiple Core Sizes

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<th>C</th>
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</table>

* Other connecting dimensions are available upon request. Please contact Fluid Seal for special requirements.
APPLICATIONS WITH OUR PRODUCTS

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