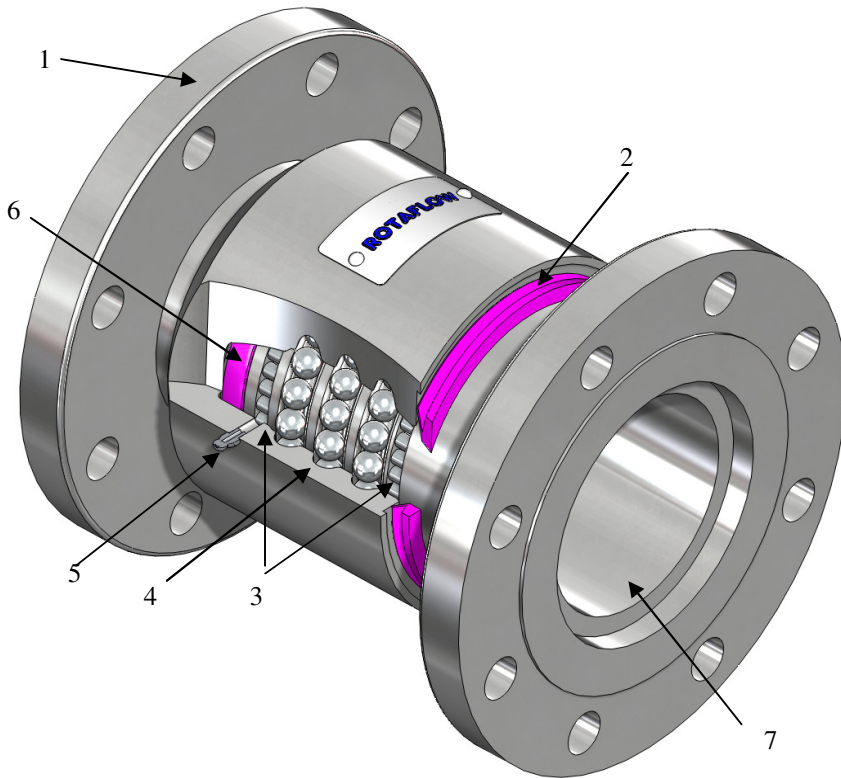




# SWIVEL JOINTS

Load Capacity 3/4" To 6".



1. ASME Flanges as standard.  
Available with most flanges or end fittings.
2. Standard dust seal.
3. Two roller races for high radial and bending loads.
4. Full compliment ball race for high axial/pressure loads.
5. Grease nipple for lubrication and purging of old grease (through dust seal).
6. PTFE main seal as standard.
7. Clear full flow bore at nominal pipe size for minimal pressure/flow loss.

**ALSO AVAILABLE:-**

- Sealed for life/submerged duty.
- Negative pressure or vacuum duty.
- High temperature operation (200 Deg C/ 400Deg F)
- Stainless steel units.
- Other metals on application.
- Leak detect port.
- Additional ball/roller races for high loads or pressure.
- Pressure testing to 1.5 x working pressure
- DNV-OS-E101/ABS-CDS compliant

| Nominal Size | Max Radial Load | Max Axial Load Per Ball Race* | Max Bending Load. | Max Static Test Pressure per race* | Max Pressure per race* Slow rotating |
|--------------|-----------------|-------------------------------|-------------------|------------------------------------|--------------------------------------|
|              | kN              | kN                            | Nm                | Bar (PSI)                          | Bar (PSI)                            |
| 3/4"         | 7               | 9                             | 105               | 101 (1460)                         | 58 (834)                             |
| 1"           | 7               | 9                             | 105               | 101 (1460)                         | 58 (834)                             |
| 1 1/2"       | 9               | 12                            | 151               | 97 (1405)                          | 55 (803)                             |
| 2"           | 12              | 15                            | 278               | 69 (998)                           | 39 (570)                             |
| 3"           | 17              | 21                            | 565               | 53 (769)                           | 30 (438)                             |
| 4"           | 23              | 37                            | 803               | 51 (745)                           | 29 (426)                             |
| 5"           | 28              | 45                            | 1004              | 42 (605)                           | 24 (346)                             |
| 6"           | 33              | 64                            | 1571              | 45 (652)                           | 26 (372)                             |

\*Most standard swivel bodies can accommodate more races. Please contact our technical department for high load applications.

**Please note the stated maximum loads can not be combined.**

For dimensions see tech spec: 217 - 220 Nominal Bore 1" to 6"

Rotaflo provide a refurbishing service with speedy turnaround of joints.

Copyright © 2016 Rotaflo FV LTD

We provide a design service for difficult applications. Please call us to discuss your application.

## Rotaflo FV Limited

Rotec House, Bingswood Trading Estate, Whaley Bridge, High Peak, SK23 7LY  
 www.rotaflo.com tel:+44(0)1663 735003 fax:+44(0)1663 735006  
 email:sales@rotaflo.com

Tech Spec:  
 130/161026  
 Page 1 of 1