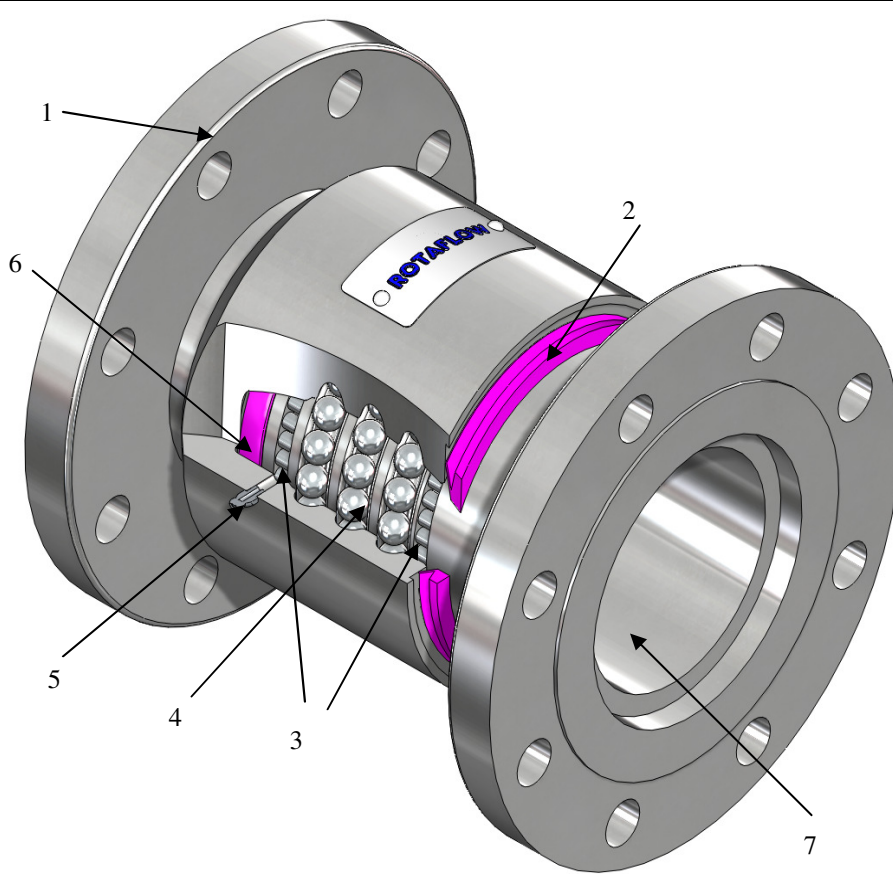




SWIVEL JOINTS

Large Bore 8" To 30".



1. ANSI 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 test to 1.5 X working pressure
- DNV-OS-E101/ABS-CDS Compliant

Nominal Size	Bore (Schedule XS)	OD of Body, Allow additional 24mm for clearance of grease nipples and plugs.	ANSI 150 Flange OD. (Max Pressure 20 Bar.)	Max Radial Load	Max Axial Load Per Ball Race*	Max Bending Load.	Max Static Test Pressure per race*	Max Pressure per race* Slow rotating	SK1 #150 Flanged Weight.
	mm	mm	mm	kN	kN	kNm	Bar (PSI)	Bar (PSI)	Kg
8"	193	283	343	77	103	4	42 (611)	24 (349)	85
10"	247	337	406	97	126	5	34 (490)	19 (280)	112
12"	298	388	483	115	145	6	28 (407)	16 (233)	146
14"	330	420	533	126	158	7	26 (370)	15 (212)	177
16"	380	470	597	144	178	8	22 (326)	13 (186)	212
18"	431	521	635	162	199	9	20 (289)	11 (165)	235
20"	482	572	699	180	219	10	18 (259)	10 (148)	278
24"	584	674	813	216	259	12	15 (215)	8 (123)	358
30"	736	826	984	270	322	15	12 (173)	7 (99)	450

*Standard swivel body has one ball race and can accommodate up to three races. To find axial load and pressures multiply the value from the table by the number of races. For higher loads please enquire for a special design. Please consult Rotaflow with actual load details as combined loads (including pressure) require special consideration.

Please note the stated maximum loads can not be combined.

Rotaflow provide a refurbishing service with speedy turnaround of joints.

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

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 Page 1 of 1