



SWIVEL JOINTS

Large Bore 8" To 30".



20" Swivel - Chromium Clad Plate Lined, for very abrasive fluids.

- **Very heavy duty.**
- **Clear bore.**
- **Wide choice of materials and end fittings.**
- **Fast delivery.**

ROTAFLOW FV LIMITED

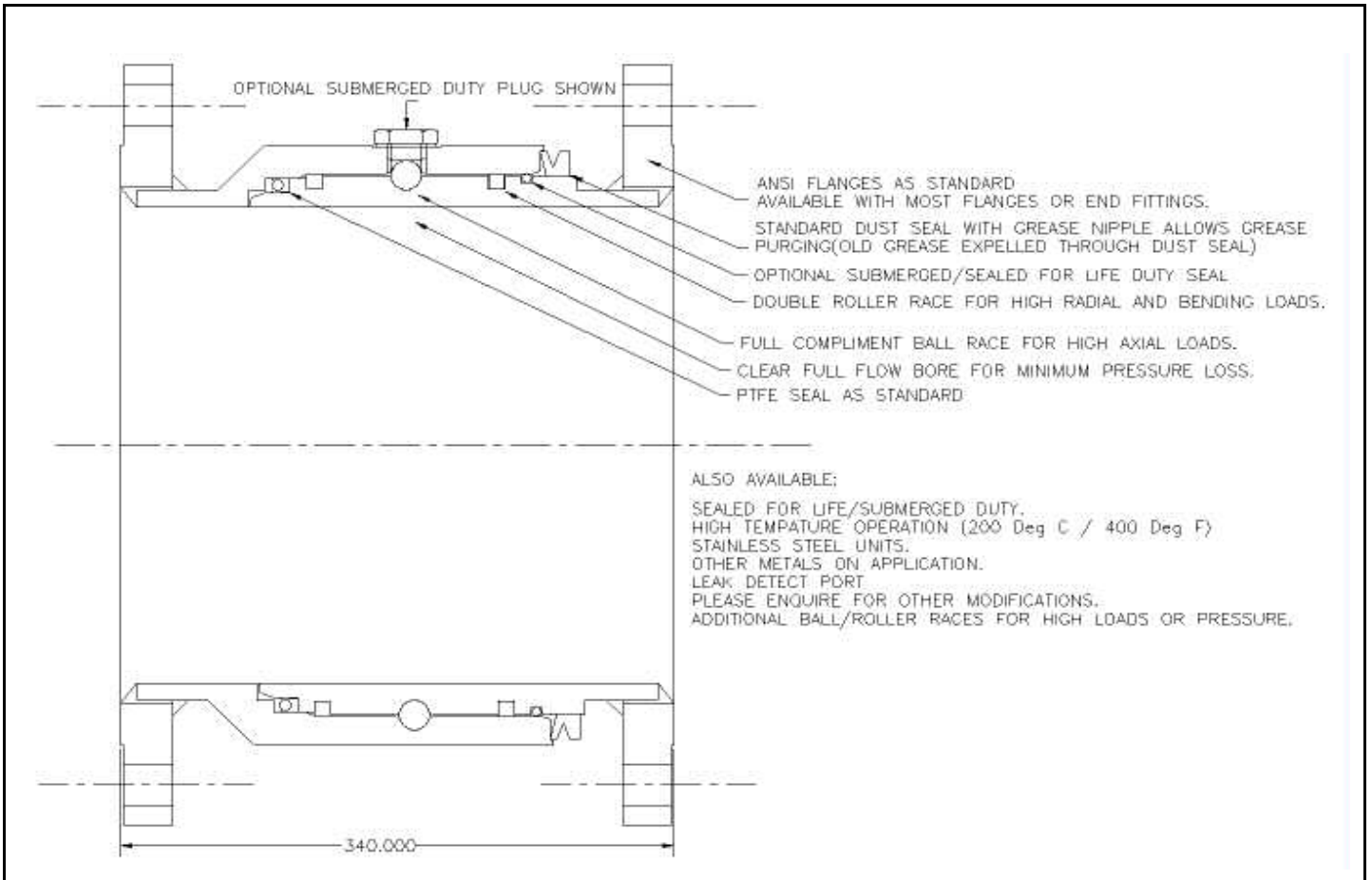
Rotec House, Bingswood Trading Estate, Whaley Bridge,
High Peak, SK23 7LY. Tel: 01663 735003 Fax: 01663 735006
E-mail: sales@rotaflow.com Web: www.rotaflow.com

Tech Spec:
129/050415
Page 1 of 2



SWIVEL JOINTS

Large Bore 8" To 30"



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	9	42 (611)	24 (349)	85
10"	247	337	406	97	126	11	34 (490)	19 (280)	112
12"	298	388	483	115	145	13	28 (407)	16 (233)	146
14"	330	420	533	126	158	14	26 (370)	15 (212)	177
16"	380	470	597	144	178	16	22 (326)	13 (186)	212
18"	431	521	635	162	199	18	20 (289)	11 (165)	235
20"	482	572	699	180	219	20	18 (259)	10 (148)	278
24"	584	674	813	216	259	24	15 (215)	8 (123)	358
30"	736	826	984	270	322	31	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.

Rotaflow provide a refurbishing service with speedy turnround of joints.

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

ROTAFLOW FV LIMITED

Rotec House, Bingswood Trading Estate, Whaley Bridge,
High Peak, SK23 7LY. Tel: 01663 735003 Fax: 01663 735006
E-mail: sales@rotaflow.com Web: www.rotaflow.com

Tech Spec:
129/050415
Page 2 of 2