

PSFT Series

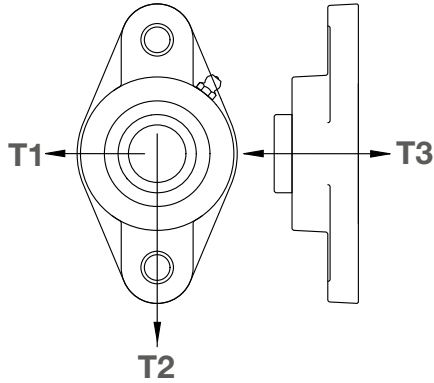


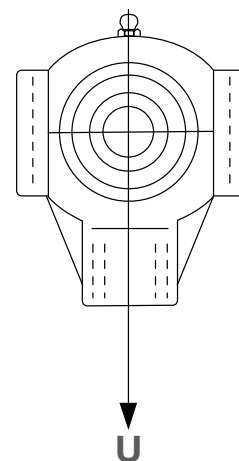
Table 3 PSFT Silver-Lube® two-bolt flange - housing load capacity

RHP designation	Maximum housing load (N) at 20°C									Max. fixing bolt torque (Nm)
	T1			T2			T3			
	Inter-mittent loading	Continuous loading	Cyclical loading	Inter-mittent loading	Continuous loading	Cyclical loading	Inter-mittent loading	Continuous loading	Cyclical loading	
PSFT20CR	4400	2200	1200	1900	900	500	1300	700	400	18
PSFT¾CR	4400	2200	1200	1900	900	500	1300	700	400	18
PSFT25CR	4400	2200	1200	3000	1500	800	1400	700	400	25
PSFT1CR	4400	2200	1200	3000	1500	800	1400	700	400	25
PSFT30CR	5900	2900	1600	3300	1600	900	2000	1000	500	30
PSFT1⅓CR	5900	2900	1600	3300	1600	900	2000	1000	500	30
PSFT1¼RCR	5900	2900	1600	3300	1600	900	2000	1000	500	30
PSFT35CR	6400	3200	1700	3900	2000	1100	2800	1400	800	35
PSFT1¼CR	6400	3200	1700	3900	2000	1100	2800	1400	800	35
PSFT1⅓CR	6400	3200	1700	3900	2000	1100	2800	1400	800	35
PSFT40CR	9000	4500	2500	3900	2000	1100	3300	1600	900	40
PSFT1½CR	9000	4500	2500	3900	2000	1100	3300	1600	900	40

Table 4 PST Silver-Lube® take-up - housing load capacity

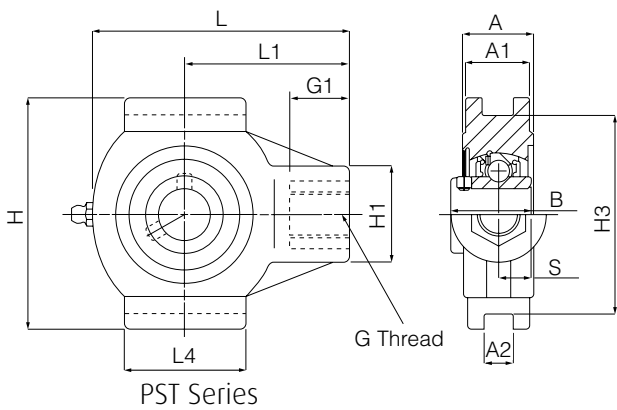
RHP designation	Maximum housing load (N) at 20°C		
	U Intermittent loading	U Continuous loading	U Cyclical loading
PST20CR	5700	2800	1600
PST¾CR	5700	2800	1600
PST25CR	5400	2700	1500
PST1CR	5400	2700	1500
PST30CR	8100	4000	2300
PST1⅓CR	8100	4000	2300
PST1¼RCR	8100	4000	2300
PST35CR	7800	3900	2200
PST1¼CR	7800	3900	2200
PST1⅓CR	7800	3900	2200
PST40CR	8100	4000	2300
PST1½CR	8100	4000	2300

PST Series



Unit dimensions

Table 11: PST Silver-Lube® take up units - unit dimensions



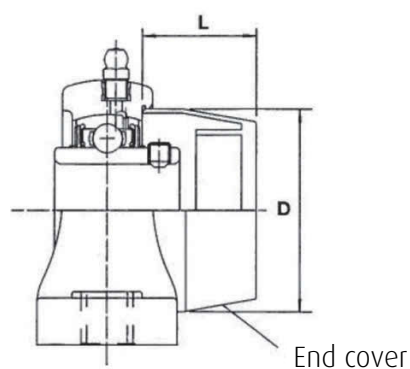
Shaft diameter		RHP designation	Basic bearing insert	Housing group	Dimensions (mm)				
mm	inches				L	L1	L4	H	H1
20		PST20CR	J1020	2	99.0	64.0	47.0	88.0	35.0
	3/4	PST3/4CR	J1020	2	99.0	64.0	47.0	88.0	35.0
25		PST25CR	J1025	3	99.0	64.0	47.0	88.0	35.0
	1	PST1CR	J1025	3	99.0	64.0	47.0	88.0	35.0
30		PST30CR	J1030	4	125.0	76.0	63.0	102.0	40.0
	1 3/16	PST1 3/16 CR	J1030	4	125.0	76.0	63.0	102.0	40.0
	1 1/4	PST1 1/4 RCR	J1030	4	125.0	76.0	63.0	102.0	40.0
35		PST35CR	J1035	5	125.0	76.0	63.0	102.0	40.0
	1 1/4	PST1 1/4 CR	J1035	5	125.0	76.0	63.0	102.0	40.0
	1 7/16	PST1 7/16 CR	J1035	5	125.0	76.0	63.0	102.0	40.0
40		PST40CR	J1040	6	140.0	85.0	80.0	114.0	40.0
	1 1/2	PST1 1/2 CR	J1040	6	140.0	85.0	80.0	114.0	40.0

All dimensions in mm except inch shaft sizes

Dimensions (mm)								Weight kg
H3	G	G1	A	A1	A2	B	S	
75.8	M16X2.00	22.5	27.5	24.5	12.2	31.0	12.7	0.32
75.8	M16X2.00	22.5	27.5	24.5	12.2	31.0	12.7	0.32
75.8	M16X2.00	22.5	27.5	24.5	12.2	34.0	14.3	0.36
75.8	M16X2.00	22.5	27.5	24.5	12.2	34.0	14.3	0.36
88.8	M16X2.00	22.5	34.5	30.0	12.2	38.1	15.9	0.53
88.8	M16X2.00	22.5	34.5	30.0	12.2	38.1	15.9	0.53
88.8	M16X2.00	22.5	34.5	30.0	12.2	38.1	15.9	0.53
88.8	M16X2.00	22.5	34.5	30.0	12.2	42.9	17.5	0.74
88.8	M16X2.00	22.5	34.5	30.0	12.2	42.9	17.5	0.74
88.8	M16X2.00	22.5	34.5	30.0	12.2	42.9	17.5	0.74
101.8	M16X2.00	22.5	34.0	32.0	16.2	49.2	19.0	1.00
101.8	M16X2.00	22.5	34.0	32.0	16.2	49.2	19.0	1.00

End Covers

Polypropylene end covers are available to fit all Silver-Lube® housings. End covers can be used at temperatures ranging from -20°C to +90°C. They may be used as additional protection for the bearing in adverse environmental conditions as well as an aid to meeting safety requirements.



HOUSING GROUP	END COVER REFERENCE	DIMENSION D	DIMENSION L
Group 2	P20P	50.0	23.0
Group 3	P25P	55.0	25.0
Group 4	P30P	64.0	30.0
Group 5	P35P	74.0	32.0
Group 6	P40P	84.0	37.0

All dimensions in mm