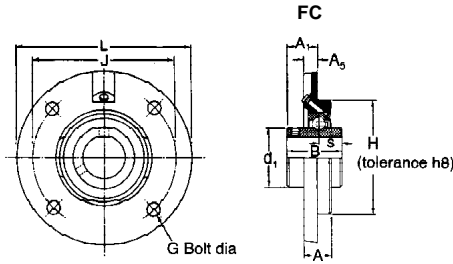
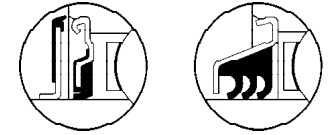
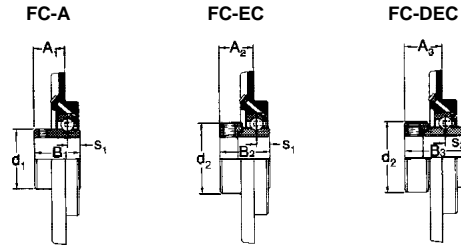


FC SERIES

For housing tolerances to suit spigot 'H' see page 23



Note: Re-lubrication Hole - M5 x 0,8 Pitch



Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix 'FS', e.g. FC40FS.

Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix 'T', e.g. TFC40.

Shaft diameter	RHP designation				Basic bearing insert	Casting group	Dimensions					ISO load ratings dynamic Cr	static Cor	Rec. max. speed	Mass (approx.)	
	mm	inches	L	H			J	G	A	A1	newtons lbf					newtons lbf
20	3/4	FC20 FC3/4	FC20A FC3/4A	FC20EC FC3/4EC	FC20DEC FC3/4DEC	2	100,0 3-937	62,0 2-441	78,0 3-071	8 5/16	17,0 -669	16,29 -641	12800 2880	6580 1480	6700	0,7 1-5
25	7/8 15/16 1	FC25 FC7/8 FC15/16 FC1	FC25A FC7/8A FC15/16A FC1A	FC25EC FC7/8EC FC15/16EC FC1EC	FC25DEC FC7/8DEC FC15/16DEC FC1DEC	3	115,0 4-528	70,0 2-756	90,0 3-543	8 5/16	19,0 -748	17,34 -683	14000 3150	7880 1770	6250	0,9 1-9
30	1 1/8 1 3/16 1 1/4	FC30 FC1 1/8 FC1 3/16 FC1 1/4	FC30A FC1 1/8A FC1 3/16A FC1 1/4AR	FC30EC FC1 1/8EC FC1 3/16EC FC1 1/4ECR	FC30DEC FC1 1/8DEC FC1 3/16DEC FC1 1/4DECR	4	125,0 4-921	80,0 3-150	100,0 3-937	10 3/8	20,5 -807	20,22 -796	19500 4380	11300 2540	5300	1,1 2-5
35	1 1/4 1 3/8 1 7/16	FC35 FC1 1/4 FC1 3/8 FC1 7/16	FC35A FC1 1/4A FC1 3/8A FC1 7/16A	FC35EC FC1 1/4EC FC1 3/8EC FC1 7/16EC	FC35DEC FC1 1/4DEC FC1 3/8DEC FC1 7/16DEC	5	135,0 5-315	90,0 3-543	110,0 4-331	10 3/8	20,5 -807	24,40 -961	25700 5780	15300 3440	4500	1,5 3-3
40	1 1/2	FC40 FC1 1/2	FC40A FC1 1/2A	FC40EC FC1 1/2EC	FC40DEC FC1 1/2DEC	6	145,0 5-709	100,0 3-937	120,0 4-724	10 3/8	23,0 -906	29,18 -1-149	29100 6540	17900 4020	4000	1,8 3-9
45	1 5/8 1 11/16 1 3/4	FC45 FC1 5/8 FC1 11/16 FC1 3/4	FC45A FC1 5/8A FC1 11/16A FC1 3/4A	FC45EC FC1 5/8EC FC1 11/16EC FC1 3/4EC	FC45DEC FC1 5/8DEC FC1 11/16DEC FC1 3/4DEC	7	155,0 6-102	105,0 4-134	130,0 5-118	12 1/2	25,0 -984	28,18 -1-109	32500 7310	20500 4610	3700	2,2 4-8
50	1 7/8 1 15/16 2	FC50 FC1 7/8 FC1 15/16 FC2R	FC50A FC1 7/8A FC1 15/16A	FC50EC FC1 7/8EC FC1 15/16EC	FC50DEC FC1 7/8DEC FC1 15/16DEC	8	165,0 6-496	110,0 4-331	135,0 5-315	12 1/2	25,0 -984	31,52 -1-241	35000 7870	23200 5220	3400	2,8 6-2
55	2 2 1/8 2 3/16	FC55 FC2 FC2 1/8 FC2 3/16	FC55A FC2A FC2 1/8A FC2 3/16A	FC55EC FC2EC FC2 1/8EC FC2 3/16EC	FC55DEC FC2DEC FC2 1/8DEC FC2 3/16DEC	9	185,0 7-283	125,0 4-921	150,0 5-906	16 5/8	27,5 -1-083	33,30 -1-311	43500 9780	29200 6560	3100	4,0 8-8
60	2 1/4 2 3/8 2 7/16	FC60 FC2 1/4 FC2 3/8 FC2 7/16	FC60A FC2 1/4A FC2 3/8A FC2 7/16A	FC60EC FC2 1/4EC FC2 3/8EC FC2 7/16EC	FC60DEC FC2 1/4DEC FC2 3/8DEC FC2 7/16DEC	10	195,0 7-677	135,0 5-315	160,0 6-299	16 5/8	29,0 -1-142	38,65 -1-522	52500 11800	35900 8070	2800	4,7 10-4

A2	A3	A5	B	B1	B2	B3	s	s1	s2	d1	d2	ISO load ratings dynamic Cr	static Cor	Rec. max. speed	Mass (approx.)
21,45 -844	24,57 -967	8,0 -315	30,96 -1-219	25,77 -1-015	30,92 -1-217	43,62 -1-717	12,75 -502	7,56 -298	17,12 -674	28,50 -1-122	33,30 -1-311	12800 2880	6580 1480	6700	0,7 1-5
20,86 -821	24,41 -961	9,0 -354	34,11 -1-343	27,35 -1-077	30,92 -1-217	44,40 -1-748	14,32 -564	7,56 -298	17,49 -689	34,01 -1-339	38,10 -1-500	14000 3150	7880 1770	6250	0,9 1-9
24,64 -970	28,10 -1-106	9,5 -374	38,10 -1-500	31,21 -1-229	35,68 -1-405	48,42 -1-906	15,93 -627	9,04 -356	18,32 -721	40,00 -1-575	44,45 -1-750	19500 4380	11300 2540	5300	1,1 2-5
28,33 -1-115	31,29 -1-232	10,0 -394	42,88 -1-688	34,90 -1-374	38,88 -1-531	51,18 -2-015	17,53 -690	9,55 -376	18,89 -744	46,69 -1-838	55,58 -2-188	25700 5780	15300 3440	4500	1,5 3-3
31,59 -1-244	33,88 -1-334	11,5 -453	49,23 -1-938	41,18 -1-621	43,64 -1-718	56,34 -2-218	19,10 -752	11,05 -435	21,46 -845	52,70 -2-075	60,30 -2-374	29100 6540	17900 4020	4000	1,8 3-9
30,59 -1-204	32,88 -1-294	12,0 -472	49,23 -1-938	41,18 -1-621	43,64 -1-718	56,34 -2-218	19,10 -752	11,05 -435	21,46 -845	57,30 -2-256	63,50 -2-500	32500 7310	20500 4610	3700	2,2 4-8
31,63 -1-245	37,14 -1-462	13,0 -512	51,59 -2-031	43,54 -1-714	43,64 -1-718	62,70 -2-469	19,10 -752	11,05 -435	24,65 -970	62,20 -2-449	69,85 -2-750	35000 7870	23200 5220	3400	2,8 6-2
-	43,72 -1-721	15,0 -591	55,55 -2-187	-	-	71,44 -2-813	22,28 -877	-	27,82 -1-095	68,81 -2-709	76,20 -3-000	43500 9780	29200 6560	3100	4,0 8-8
-	45,89 -1-807	16,0 -630	65,07 -2-562	-	-	77,82 -3-064	25,45 -1-002	-	31,02 -1-221	75,34 -2-966	84,12 -3-312	52500 11800	35900 8070	2800	4,7 10-4