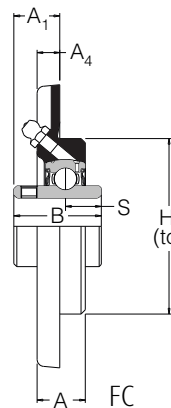
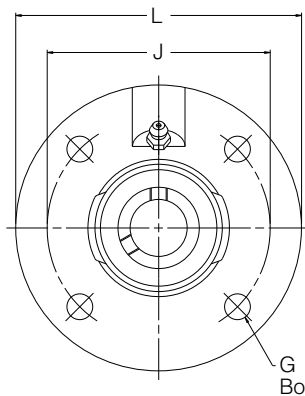


Self-Lube[®] cast iron flange bearing units

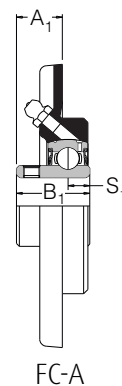
FC Series



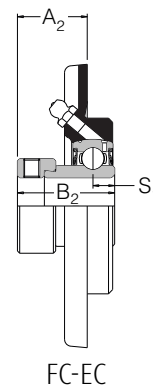
For housing tolerances to suit spigot 'H' see page 19

Note:

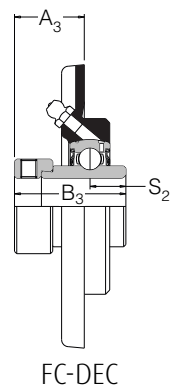
Relubrication hole - M5 x 0.8 pitch



FC-A



FC-EC



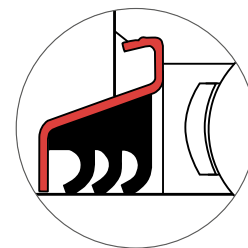
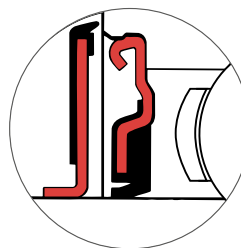
FC-DEC

Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)					
mm	inches							L	H	J	G	A	A1
20		FC20	FC20A	FC20EC	FC20DEC	1020	2	100.0	62.0	78.0	8	17.0	16.29
	3/4	FC3/4	FC3/4A	FC3/4EC	FC3/4DEC								
25		FC25	FC25A	FC25EC	FC25DEC	1025	3	115.0	70.0	90.0	8	19.0	17.34
	7/8	FC7/8		FC7/8EC	FC7/8DEC								
	15/16	FC15/16		FC15/16EC	FC15/16DEC								
	1	FC1	FC1A	FC1EC	FC1DEC								
30		FC30	FC30A	FC30EC	FC30DEC	1030	4	125.0	80.0	100.0	10	20.5	20.22
	1 1/8	FC1 1/8		FC1 1/8C	FC1 1/8DEC								
	1 3/16	FC1 3/16		FC1 3/16EC	FC1 3/16DEC								
	1 1/4	FC1 1/4R	FC1 1/4AR	FC1 1/4ECR	FC1 1/4DECR								
35		FC35	FC35A	FC35EC	FC35DEC	1035	5	135.0	90.0	110.0	10	20.5	24.40
	1 1/4	FC1 1/4	FC1 1/4A	FC1 1/4EC	FC1 1/4DEC								
	1 3/8	FC1 3/8		FC1 3/8EC	FC1 3/8DEC								
	1 7/16	FC1 7/16		FC1 7/16EC	FC1 7/16DEC								
40		FC40	FC40A	FC40EC	FC40DEC	1040	6	145.0	100.0	120.0	10	23.0	29.18
	1 1/2	FC1 1/2	FC1 1/2A	FC1 1/2EC	FC1 1/2DEC								
45		FC45	FC45A	FC45EC	FC45DEC	1045	7	155.0	105.0	130.0	12	25.0	28.18
	1 5/8	FC1 5/8		FC1 5/8EC	FC1 5/8DEC								
	1 11/16	FC1 11/16		FC1 11/16EC	FC1 11/16DEC								
	1 3/4	FC1 3/4	FC1 3/4A	FC1 3/4EC	FC1 3/4DEC								
50		FC50	FC50A	FC50EC	FC50DEC	1050	8	165.0	110.0	135.0	12	25.0	31.52
	1 7/8	FC1 7/8		FC1 7/8EC	FC1 7/8DEC								
	1 15/16	FC1 15/16		FC1 15/16EC	FC1 15/16DEC								
	2	FC2R											
55		FC55			FC55DEC	1055	9	185.0	125.0	150.0	16	27.5	33.30
	2	FC2			FC2DEC								
	2 1/8	FC2 1/8			FC2 1/8DEC								
	2 3/16	FC2 3/16			FC2 3/16DEC								
60		FC60			FC60DEC	1060	10	195.0	135.0	160.0	16	29.0	38.65
	2 1/4	FC2 1/4			FC2 1/4DEC								
	2 3/8	FC2 3/8			FC2 3/8DEC								
	2 7/16	FC2 7/16			FC2 7/16DEC								

Please check availability

Bearing inserts with flinger seals shown on pages 89 and 90 can be fitted into these housings. The unit reference has the suffix 'FS', e.g. FC40FS.

Triple seal bearing inserts shown on pages 86 to 88 can be fitted into these housings. The unit reference has a prefix 'T', e.g. TFC40.



Dimensions (mm)										ISO Load ratings		Rec. max. speed	Mass (approx.)
A2	A3	A4	B	B1	B2	B3	s	s1	s2	dynamic Cr newtons	static Cor newtons	rev/min	kg
21.45	24.57	8.00	31.00	25.80	31.03	43.73	12.73	7.53	17.13	12800	6650	6700	0.7
20.86	24.41	9.00	34.10	27.30	31.03	44.43	14.33	7.53	17.53	14000	7880	6250	0.9
24.64	28.10	9.50	38.10	31.20	35.73	48.43	15.93	9.03	18.33	19500	11300	5300	1.1
28.33	31.29	10.00	42.90	34.90	38.93	51.13	17.53	9.53	18.83	25700	15300	4500	1.5
31.59	33.88	11.50	49.20	41.20	43.73	56.33	19.03	11.03	21.43	32500	19900	4000	1.8
30.59	32.88	12.00	49.20	41.20	43.73	56.33	19.04	11.03	21.43	32500	20500	3700	2.2
31.63	37.14	13.00	51.60	43.50	43.73	62.73	19.04	11.04	24.64	35000	23200	3400	2.8
-	43.72	15.00	55.60	-	-	71.42	22.24	-	27.84	43500	29200	3100	4.0
-	45.89	16.00	65.10	-	-	77.84	25.44	-	31.04	48000	33000	2800	4.7