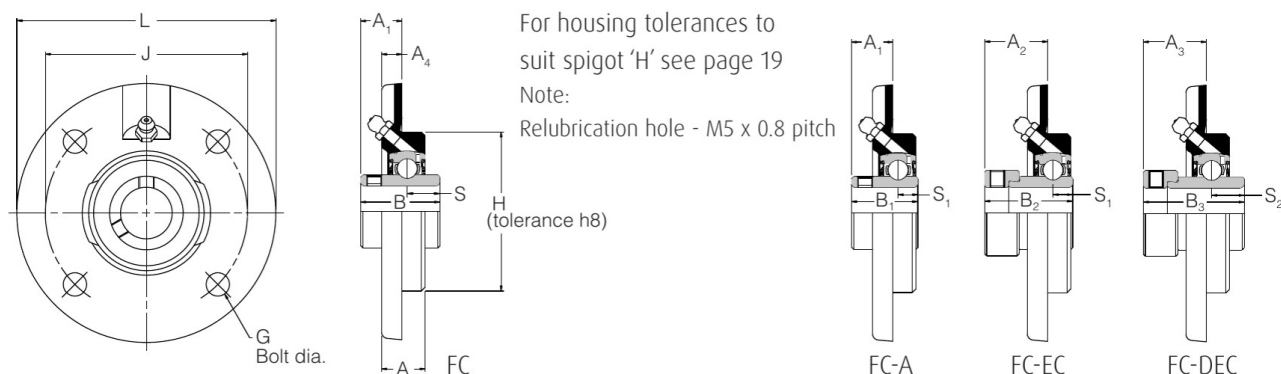


Self-Lube cast iron flange bearing units

FC Series

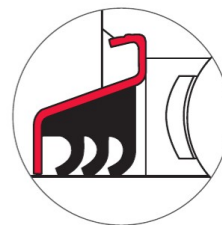
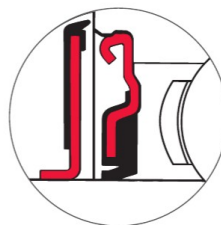


Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)					
mm	inches							L	H	J	G	A	A1
20		FC20	FC20A	FC20EC	FC20DEC	1020	2	100.0	62.0	78.0	8	17.0	16.29
	¾	FC¾	FC¾A	FC¾EC	FC¾DEC								
25		FC25	FC25A	FC25EC	FC25DEC	1025	3	115.0	70.0	90.0	8	19.0	17.34
	⅞	FC⅞		FC⅞EC	FC⅞DEC								
	1⅕	FC1⅕		FC1⅕EC	FC1⅕DEC								
	1	FC1	FC1A	FC1EC	FC1DEC								
30		FC30	FC30A	FC30EC	FC30DEC	1030	4	125.0	80.0	100.0	10	20.5	20.22
	1⅛	FC1⅛		FC1⅛C	FC1⅛DEC								
	1⅜	FC1⅜		FC1⅜EC	FC1⅜DEC								
	1¼	FC1¼R	FC1¼AR	FC1¼ECR	FC1¼DECR								
35		FC35	FC35A	FC35EC	FC35DEC	1035	5	135.0	90.0	110.0	10	20.5	24.40
	1¼	FC1¼	FC1¼A	FC1¼EC	FC1¼DEC								
	1⅜	FC1⅜		FC1⅜EC	FC1⅜DEC								
	1⅞	FC1⅞		FC1⅞EC	FC1⅞DEC								
40		FC40	FC40A	FC40EC	FC40DEC	1040	6	145.0	100.0	120.0	10	23.0	29.18
	1½	FC1½	FC1½A	FC1½EC	FC1½DEC								
45		FC45	FC45A	FC45EC	FC45DEC	1045	7	155.0	105.0	130.0	12	25.0	28.18
	1⅝	FC1⅝		FC1⅝EC	FC1⅝DEC								
	1⅞	FC1⅞		FC1⅞EC	FC1⅞DEC								
	1¾	FC1¾	FC1¾A	FC1¾EC	FC1¾DEC								
50		FC50	FC50A	FC50EC	FC50DEC	1050	8	165.0	110.0	135.0	12	25.0	31.52
	1⅞	FC1⅞		FC1⅞EC	FC1⅞DEC								
	1⅞	FC1⅞		FC1⅞EC	FC1⅞DEC								
	2	FC2R											
55		FC55			FC55DEC	1055	9	185.0	125.0	150.0	16	27.5	33.30
	2	FC2			FC2DEC								
	2⅛	FC2⅛			FC2⅛DEC								
	2⅜	FC2⅜			FC2⅜DEC								
60		FC60			FC60DEC	1060	10	195.0	135.0	160.0	16	29.0	38.65
	2¼	FC2¼			FC2¼DEC								
	2⅜	FC2⅜			FC2⅜DEC								
	2⅞	FC2⅞			FC2⅞DEC								

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