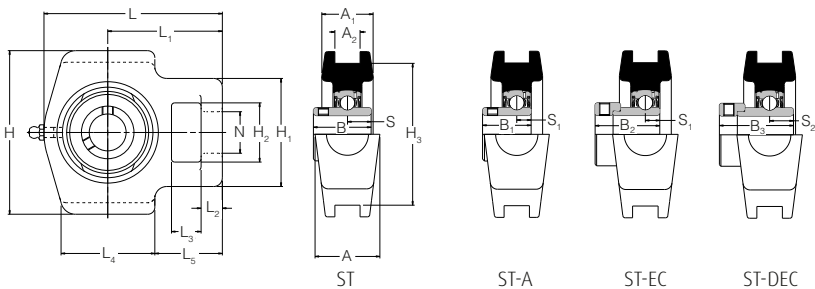


Self-Lube cast iron take-up bearing units

ST Series

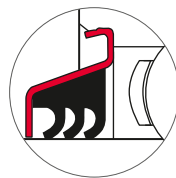
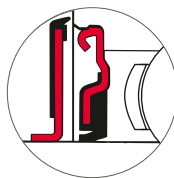


Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)							
mm	inches							L	L1	L2	L3	L4	L5	H	
20		ST20	ST20A	ST20EC	ST20DEC	1020	2	95.5	62.0	11.5	16.0	50.5	36.5	88.5	
25	¾	ST¾	ST¾A	ST¾EC	ST¾DEC	1025	3	98.0	62.0	11.5	16.0	50.5	36.5	88.5	
	7/8	ST7/8		ST7/8EC	ST7/8DEC										
	15/16	ST15/16		ST15/16EC	ST15/16DEC										
30	1	ST1	ST1A	ST1EC	ST1DEC	1030	4	115.5	72.5	12.5	16.5	64.5	43.0	101.5	
	1 1/8	ST1 1/8		ST1 1/8EC	ST1 1/8DEC										
	1 3/16	ST1 3/16		ST1 3/16EC	ST1 3/16DEC										
	1 ¼	ST1 ¼R	ST1 ¼AR	ST1 ¼ECR	ST1 ¼DEC R										
35		ST35	ST35A	ST35EC	ST35DEC	1035	5	124.0	75.5	12.5	16.5	64.5	43.0	101.5	
	1 ¼	ST1 ¼	ST1 ¼A	ST1 ¼EC	ST1 ¼DEC										
	1 3/8	ST1 3/8		ST1 3/8EC	ST1 3/8DEC										
	1 7/16	ST1 7/16		ST1 7/16EC	ST1 7/16DEC										
40		ST40	ST40A	ST40EC	ST40DEC	1040	6	143.5	89.2	15.5	20.5	81.5	50.5	118.0	
	1 ½	ST1 ½	ST1 ½A	ST1 ½EC	ST1 ½DEC										
45		ST45	ST45A	ST45EC	ST45DEC	1045	7	147.0	89.2	15.5	20.5	81.5	50.5	118.0	
	1 5/8	ST1 5/8		ST1 5/8EC	ST1 5/8DEC										
	1 11/16	ST1 11/16		ST1 11/16EC	ST1 11/16DEC										
	1 ¾	ST1 ¾	ST1 ¾A	ST1 ¾EC	ST1 ¾DEC										
50		ST50	ST50	ST50EC	ST50DEC	1050	8	151.0	90.5	15.5	20.5	81.5	50.5	118.0	
	1 7/8	ST1 7/8		ST1 7/8EC	ST1 7/8DEC										
	1 15/16	ST1 15/16		ST1 15/16EC	ST1 15/16DEC										
55	2	ST2R				1055	9	182.0	114.0	19.0	32.0	97.5	70.0	146.0	
		ST55		ST55DEC	ST55DEC										
	2	ST2		ST2DEC	ST2DEC										
	2 1/8	ST2 1/8		ST2 1/8DEC	ST2 1/8DEC										
60	2 3/16	ST2 3/16		ST2 3/16DEC	ST2 3/16DEC	1060	10	192.0	119.0	19.0	32.0	97.5	70.0	146.0	
		ST60		ST60DEC	ST60DEC										
	2 ¼	ST2 ¼		ST2 ¼DEC	ST2 ¼DEC										
	2 3/8	ST2 3/8		ST2 3/8DEC	ST2 3/8DEC										
65	2 7/16	ST2 7/16		ST2 7/16DEC	ST2 7/16DEC	1070	11	222.5	137.5	21.5	32.0	120.5	77.0	166.5	
		ST65		ST65DEC	ST65DEC										
	70	ST70		ST70DEC	ST70DEC										
	2 ½	ST2 ½		ST2 ½DEC	ST2 ½DEC										
75	2 11/16	ST2 11/16		ST2 11/16DEC	ST2 11/16DEC	1075	12	222.5	137.5	21.5	32.0	120.5	77.0	166.5	
		ST75		ST75DEC	ST75DEC										
	2 ¾	ST2 ¾		ST2 ¾DEC	ST2 ¾DEC										
	2 7/8	ST2 7/8		ST2 7/8DEC	ST2 7/8DEC										
80	2 15/16	ST2 15/16		ST2 15/16DEC	ST2 15/16DEC	1080	13	231.5	139.5	20.5	32.0	125.0	74.0	184.0	
		ST80													
	3	ST3													
85	3 3/16	ST3 3/16				1085	14	260.5	162.0	28.5	38.0	140.0	90.5	198.5	
		ST85													
	3 ¼	ST3 ¼													
	3 3/8	ST3 3/8													
	3 7/16	ST3 7/16													

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. ST45FS.

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. TST45.



Dimensions (mm)														ISO Load ratings		Rec. max. speed rev/min	Mass (approx.) kg
H1	H2	H3	N	A	A1	A2	B	B1	B2	B3	s	s1	s2	dynamic Cr newtons	static Cor newtons		
58.5	32.0	76.0	22.5	36.0	27.5	13.50	31.00	25.80	31.03	43.73	12.73	7.53	17.13	12800	6650	6700	0.8
58.5	32.0	76.0	22.5	36.0	27.5	13.50	34.10	27.30	31.03	44.43	14.33	7.53	17.53	14000	7880	6250	1.0
64.5	37.5	89.0	22.5	36.5	30.0	13.50	38.10	31.20	35.73	48.43	15.93	9.03	18.33	19500	11300	5300	1.6
64.5	37.5	89.0	22.5	36.5	30.0	13.50	42.90	34.90	38.93	51.13	17.53	9.53	18.83	25700	15300	4500	1.6
82.5	49.5	101.0	29.0	49.5	37.0	17.50	49.20	41.20	43.73	56.33	19.03	11.03	21.43	32500	19900	4000	2.7
82.5	49.5	101.0	29.0	49.5	37.0	17.50	49.20	41.20	43.73	56.33	19.04	11.03	21.43	32500	20500	3700	2.8
82.5	49.5	101.0	29.0	49.5	37.0	17.50	51.60	43.50	43.73	62.73	19.04	11.03	24.64	35000	23200	3400	2.8
101.0	64.0	130.0	35.0	63.5	46.5	27.00	55.60	-	-	71.42	22.24	-	27.84	43500	29200	3100	4.2
101.0	64.0	130.0	35.0	63.5	46.5	27.00	65.10	-	-	77.84	25.44	-	31.04	48000	33000	2800	5.4
113.0	70.0	150.8	42.0	70.0	50.5	27.00	74.60	-	-	85.74	30.24	-	34.14	61000	45000	2450	7.9
113.0	70.0	150.8	42.0	70.0	50.5	27.00	77.80	-	-	92.14	33.34	-	37.34	66000	49500	2300	8.4
113.0	70.0	165.1	42.0	70.0	54.0	27.00	82.60	-	-	-	33.34	-	-	71500	54500	2150	9.0
124.0	73.0	173.0	47.5	79.5	68.5	46.05	85.70	-	-	-	34.15	-	-	83000	64000	2000	13.7