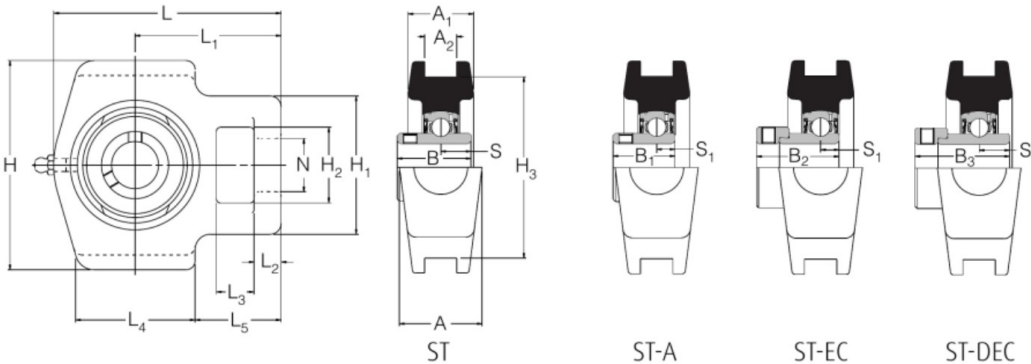


# Self-Lube<sup>®</sup> cast iron take-up bearing units ST Series

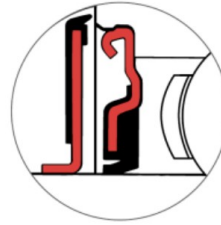


Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)						
mm	inches							L	L1	L2	L3	L4	L5	H
20		ST20	ST20A	ST20EC	ST20DEC	1020	2	95.5	62.0	11.5	16.0	50.5	36.5	88.5
		ST <sup>3</sup> / <sub>4</sub>	ST <sup>3</sup> / <sub>4</sub> A	ST <sup>3</sup> / <sub>4</sub> EC	ST <sup>3</sup> / <sub>4</sub> DEC									
25		ST25	ST25A	ST25EC	ST25DEC	1025	3	98.0	62.0	11.5	16.0	50.5	36.5	88.5
		ST <sup>7</sup> / <sub>8</sub>		ST <sup>7</sup> / <sub>8</sub> EC	ST <sup>7</sup> / <sub>8</sub> DEC									
		ST <sup>15</sup> / <sub>16</sub>		ST <sup>15</sup> / <sub>16</sub> EC	ST <sup>15</sup> / <sub>16</sub> DEC									
30	1	ST1	ST1A	ST1EC	ST1DEC	1030	4	115.5	72.5	12.5	16.5	64.5	43.0	101.5
		ST30	ST30A	ST30EC	ST30DEC									
		ST1 <sup>1</sup> / <sub>8</sub>		ST1 <sup>1</sup> / <sub>8</sub> EC	ST1 <sup>1</sup> / <sub>8</sub> DEC									
		ST1 <sup>1</sup> / <sub>16</sub>		ST1 <sup>1</sup> / <sub>16</sub> EC	ST1 <sup>1</sup> / <sub>16</sub> DEC									
35		ST1 <sup>1</sup> / <sub>4</sub> R	ST1 <sup>1</sup> / <sub>4</sub> AR	ST1 <sup>1</sup> / <sub>4</sub> ECR	ST1 <sup>1</sup> / <sub>4</sub> DEC R	1035	5	124.0	75.5	12.5	16.5	64.5	43.0	101.5
		ST35	ST35A	ST35EC	ST35DEC									
		ST1 <sup>1</sup> / <sub>4</sub>	ST1 <sup>1</sup> / <sub>4</sub> A	ST1 <sup>1</sup> / <sub>4</sub> EC	ST1 <sup>1</sup> / <sub>4</sub> DEC									
		ST1 <sup>3</sup> / <sub>8</sub>		ST1 <sup>3</sup> / <sub>8</sub> EC	ST1 <sup>3</sup> / <sub>8</sub> DEC									
40		ST1 <sup>7</sup> / <sub>16</sub>		ST1 <sup>7</sup> / <sub>16</sub> EC	ST1 <sup>7</sup> / <sub>16</sub> DEC	1040	6	143.5	89.2	15.5	20.5	81.5	50.5	118.0
		ST40	ST40A	ST40EC	ST40DEC									
		ST1 <sup>1</sup> / <sub>2</sub>	ST1 <sup>1</sup> / <sub>2</sub> A	ST1 <sup>1</sup> / <sub>2</sub> EC	ST1 <sup>1</sup> / <sub>2</sub> DEC									
45		ST45	ST45A	ST45EC	ST45DEC	1045	7	147.0	89.2	15.5	20.5	81.5	50.5	118.0
		ST1 <sup>5</sup> / <sub>8</sub>		ST1 <sup>5</sup> / <sub>8</sub> EC	ST1 <sup>5</sup> / <sub>8</sub> DEC									
		ST1 <sup>11</sup> / <sub>16</sub>		ST1 <sup>11</sup> / <sub>16</sub> EC	ST1 <sup>11</sup> / <sub>16</sub> DEC									
		ST1 <sup>3</sup> / <sub>4</sub>	ST1 <sup>3</sup> / <sub>4</sub> A	ST1 <sup>3</sup> / <sub>4</sub> EC	ST1 <sup>3</sup> / <sub>4</sub> DEC									
50		ST50	ST50	ST50EC	ST50DEC	1050	8	151.0	90.5	15.5	20.5	81.5	50.5	118.0
		ST1 <sup>7</sup> / <sub>8</sub>		ST1 <sup>7</sup> / <sub>8</sub> EC	ST1 <sup>7</sup> / <sub>8</sub> DEC									
		ST1 <sup>15</sup> / <sub>16</sub>		ST1 <sup>15</sup> / <sub>16</sub> EC	ST1 <sup>15</sup> / <sub>16</sub> DEC									
55		ST2R				1055	9	182.0	114.0	19.0	32.0	97.5	70.0	146.0
		ST55		ST55DEC										
		ST2		ST2DEC										
		ST2 <sup>1</sup> / <sub>8</sub>		ST2 <sup>1</sup> / <sub>8</sub> DEC										
60		ST2 <sup>3</sup> / <sub>16</sub>		ST2 <sup>3</sup> / <sub>16</sub> DEC		1060	10	192.0	119.0	19.0	32.0	97.5	70.0	146.0
		ST60		ST60DEC										
		ST2 <sup>1</sup> / <sub>4</sub>		ST2 <sup>1</sup> / <sub>4</sub> DEC										
		ST2 <sup>3</sup> / <sub>8</sub>		ST2 <sup>3</sup> / <sub>8</sub> DEC										
65		ST2 <sup>7</sup> / <sub>16</sub>		ST2 <sup>7</sup> / <sub>16</sub> DEC		1070	11	222.5	137.5	21.5	32.0	120.5	77.0	166.5
		ST65		ST65DEC										
		ST70		ST70DEC										
70		ST2 <sup>1</sup> / <sub>2</sub>		ST2 <sup>1</sup> / <sub>2</sub> DEC		1075	12	222.5	137.5	21.5	32.0	120.5	77.0	166.5
		ST2 <sup>11</sup> / <sub>16</sub>		ST2 <sup>11</sup> / <sub>16</sub> DEC										
		ST75		ST75DEC										
		ST2 <sup>3</sup> / <sub>4</sub>		ST2 <sup>3</sup> / <sub>4</sub> DEC										
75		ST2 <sup>7</sup> / <sub>8</sub>		ST2 <sup>7</sup> / <sub>8</sub> DEC		1080	13	231.5	139.5	20.5	32.0	125.0	74.0	184.0
		ST2 <sup>15</sup> / <sub>16</sub>		ST2 <sup>15</sup> / <sub>16</sub> DEC										
		ST80												
		ST3												
80		ST3 <sup>3</sup> / <sub>16</sub>				1085	14	260.5	162.0	28.5	38.0	140.0	90.5	198.5
		ST85												
		ST3 <sup>1</sup> / <sub>4</sub>												
		ST3 <sup>3</sup> / <sub>8</sub>												
	ST3 <sup>7</sup> / <sub>16</sub>													

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