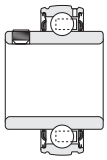
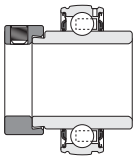
Self-Lube® Bearing Units

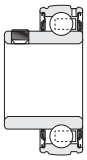
Standard unit references

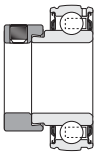
Insert Type

Housing Type


1000G


1000DECG


1200G

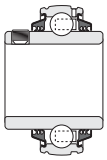

1200ECG

Cast iron one piece

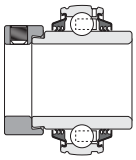
Page	80	82	83	84
24 30 32	NP SL MP	NP-DEC SL-DEC	NP-A SL-A	NP-EC SL-EC
36 36	SNP CNP	SNP-DEC CNP-DEC	SNP-A CNP-A	SNP-EC CNP-EC
38 40	SF MSF	SF-DEC	SF-A	SF-EC
44 46	SFT MSFT	SFT-DEC	SFT-A	SFT-EC
50	LFTC	LFTC-DEC	LFTC-A	LFTC-EC
52	FC	FC-DEC	FC-A	FC-EC
54	MFC			
56 58	ST MST	ST-DEC	ST-A	ST-EC
62	BT		BT-A	BT-EC
64 66	SLC MSC	SLC-DEC	SLC-A	SLC-EC
68 68	SCHB SCH			

Pressed steel two piece

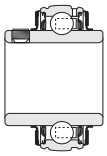
70	SLFE	SLFE-DEC	SLFE-A	SLFE-EC
72	SLFT	SLFT-DEC	SLFT-A	SLFT-EC
74	SLFL	SLFL-DEC	SLFL-A	SLFL-EC
76 78	LPB LPBR	LPB-DEC LPBR-DEC	LPB-A LPBR-A	LPB-EC LPBR-EC



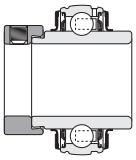
T1000G



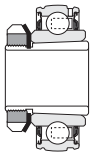
T1000DECG



1000GFS



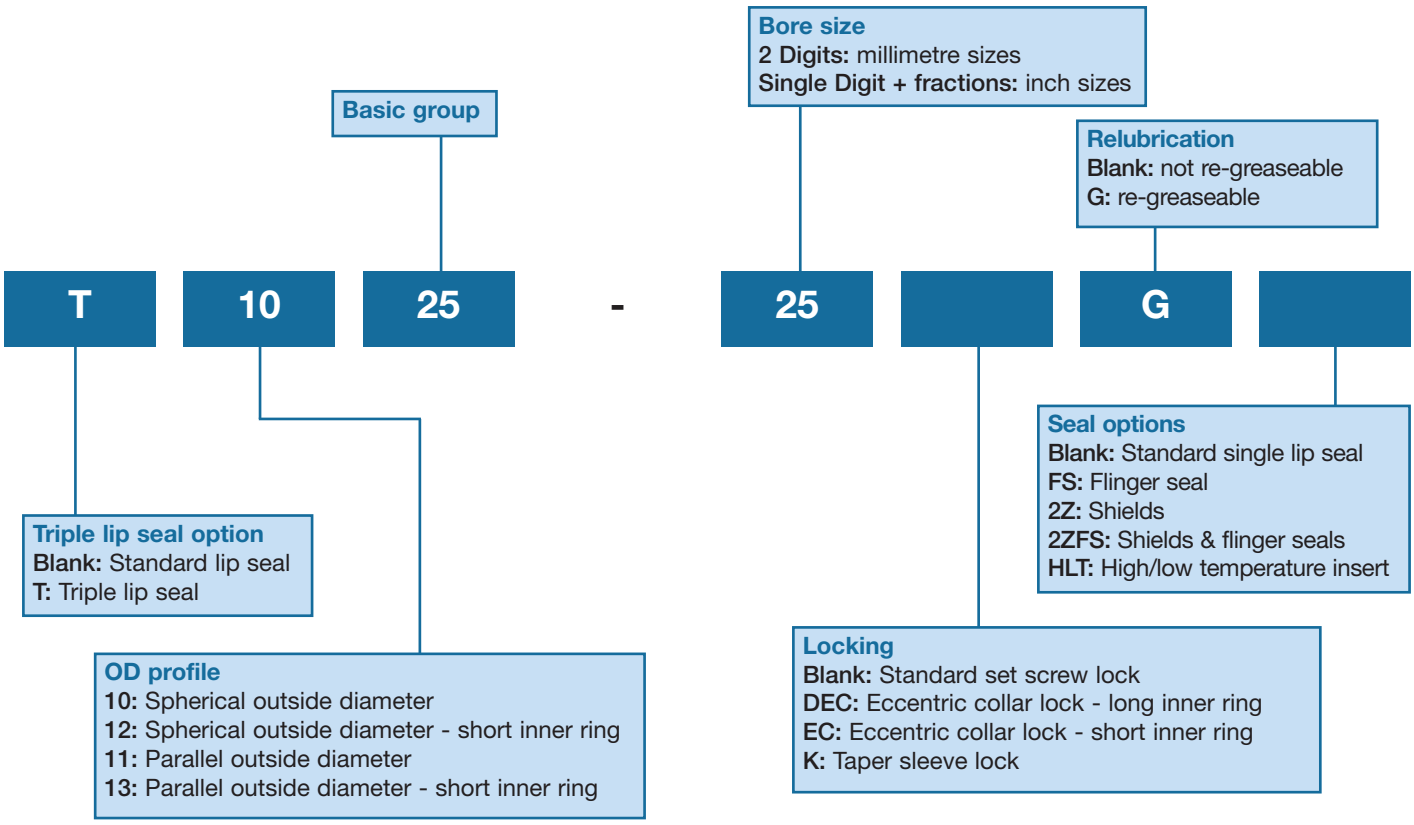
1000DECGFS



1000KG

88	90	91	92	86	Page
TNP TSL TMP	TNP-DEC TSL-DEC	NP-FS SL-FS MP-FS	NP-DECFS SL-DECFS	NP1000-K MP1000-K	28 34
TSNP TCNP	TSNP-DEC TCNP-DEC	SNP-FS CNP-FS	SNP-DECFS CNP-DECFS		
TSF TMSF	TSF-DEC	SF-FS MSF-FS	SF-DECFS	MSF1000-K	42
TSFT TMSFT	TSFT-DEC	SFT-FS MSFT-FS	SFT-DECFS	MSFT1000-K	48
TLFTC	TLFTC-DEC	LFTC-FS	LFTC-DECFS		
TFC	TFC-DEC	FC-FS	FC-DECFS		
TMFC		MFC-FS			
TST TMST	TST-DEC	ST-FS MST-FS	ST-DECFS	MST1000-K	60
TBT		BT-FS			
TSLC TMSC	TSLC-DEC	SLC-FS MSC-FS	SLC-DECFS		
TSCHB TSCH		SCHB-FS SCH-FS			
TSLFE	TSLFE-DEC	SLFE-FS	SLFE-DECFS		
TSLFT	TSLFT-DEC	SLFT-FS	SLFT-DECFS		
TSLFL	TSLFL-DEC	SLFL-FS	SLFL-DECFS		

Standard Self-Lube® insert references



List of common prefixes and suffixes

Prefixes

B Unit or bearing insert supplied without locking collar.
J Grease groove on the side of the bearing insert nearest to the locking device.
T Triple lip sealed bearing insert.

Suffixes

A Unit fitted with set screw lock insert with flush inner ring on one side.
C4 Radial clearance greater than C3.
CG Parallel outside diameter insert with grease groove and snap ring fitted.
DEC Eccentric collar lock with extended inner ring.
DL Double locking inner ring – 4 set screws (2 each end).
EC Eccentric collar lock with flush inner ring on one side.
FS Bearing insert fitted with flinger seals.
G Bearing insert having re-lubrication facility.
HLT High and low temperature bearing insert.
K Bearing insert with tapered bore.
L Larger than normal unit for the basic bore size.
P Housing fitted with ⅛" BSP grease nipple (standard is ¼" UNF).
R Smaller than normal unit for the basic bore size.

Self-Lube® product range

Under the heading of Self-Lube® bearings there are two basic products: the Self-Lube® bearing insert and the Self-Lube® bearing unit.

Self-Lube® bearing unit

The range of Self-Lube® bearing units offer a wide choice of cast iron, pressed steel or synthetic rubber housings fitted with the full range of spherical outside diameter Self-Lube® bearing inserts. They will accommodate initial housing misalignment up to 0.030 radians but are not recommended for running misalignment in excess of 0.001 radians.

The general housing types are pillow blocks, flange units, take-up units, cartridge units and hanger units. Choice is very much determined by the requirements of the application, although the aesthetic appearance of the machine design is often an important consideration. Self-Lube® units have been designed to meet the needs of both criteria.

The castings are made from high-quality cast iron, and finished on unmachined surfaces with an electrostatic air-drying paint.

Pressed steel housings are made from mild steel strip, and are zinc plated. Rubber housings are moulded in antistatic nitrile rubber.

Self-Lube® Protector

The Self-Lube® Protector is designed to protect the machine operator from the dangers of rotating shaft ends and the external surfaces of the bearing from contamination.

The protector is made from good quality mild steel and coated with enamel paint making it robust, attractive and long lasting. It is easy to fit and can be removed without breakage or deformation thus allowing it to be refitted time after time.

Standard Self-Lube® inserts with spherical outside diameters have a 'groove' in the outer ring on the opposite side from the grease groove. The protector has two claws which locate through the casting loading slots into the 'groove' in the outer ring. This provides a very secure lock and makes the Protector difficult to dislodge. The user of Self-Lube® units is not required to purchase special bearings or provide any additional locking device in order to obtain this secure safety feature.

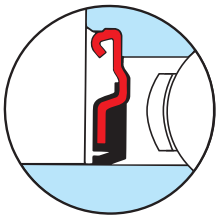
The Protector can be removed by inserting a form of lever device into a small hole in one of the claws and exerting slight pressure outwards. This disengages the claw from the outer ring 'groove'. A replaceable cover for the hole is provided.

Sealing

Single lip seal

The standard Self-Lube® sealing arrangement consists of a nitrile and fabric-sealing element sandwiched between two metal pressings. This has been successfully proven over the years on a wide variety of applications.

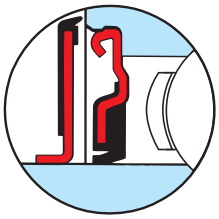
The 'S' type seal incorporates further design developments. The nitrile seal (black in colour) is bonded to a strong steel former which is firmly secured in the bearing outer ring. The flexible sealing lip contacts the fine ground finish of the inner ring to give low friction with effective sealing.



Single lip seal (standard)

Flinger seal

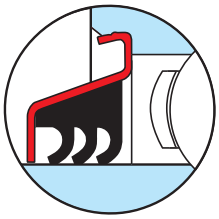
Where extra protection is required without loss of bearing catalogue speed, the 'Flinger seal' is ideal. It consists of a steel flange to which is bonded a flexible nitrile sealing lip. They are offered for the 1000G and 1000DECG types and are identified with the suffix FS (e.g. 1025-25GFS,NP25FS). The flinger is fitted to the inner ring.



Single lip seal + flinger seal

Triple lip seal

For applications with a degree of contamination, the specially developed RHP triple lip seal is recommended. It consists of a one-piece moulded nitrile seal with three sealing lips, bonded to a protective steel outer pressing which is strongly secured in the outer ring making a highly efficient sealing arrangement. It is not recommended for high speeds. See pages 88 to 90.



Triple lip seal

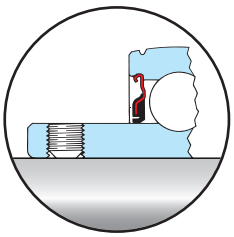
Lubrication

Unit	Unit temperature range	Grease	Supplier
Standard insert	-20°C to +110°C	Alvania S2	Shell
HLT insert	-40°C to 180°C	Kluberquiet BQH72-102	Kluber

Shaft locking arrangements

Set screw lock

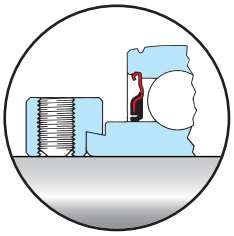
This locking arrangement consists of two knurled cup-point, self-locking, socket-head set screws fitted in the extended inner ring.
For normal loads and moderate speeds simply mount the bearing unit into position and tighten down the set screws to the recommended torque value.
Additional security can be achieved by spot drilling the shaft to accommodate the set screw point. When spot drilling, first remove the set screw and locate the position on the shaft. Select a drill the size of the inner ring threads minor diameter, and drill through this hole into the shaft to the depth of the drill point.
Replace the set screw and tighten onto the shaft in the normal manner.
The recommended tightening torques for the set screws are given on page 18.



Set screw lock

Eccentric collar lock

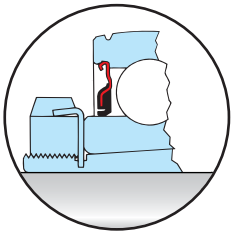
This type of lock consists of an eccentric diameter formed on the extended inner ring of the bearing which engages a similarly formed eccentric diameter in the bore of a separate collar. Locking is achieved by turning the collar in the direction of the shaft rotation until the eccentric diameters of both collar and inner ring are fully engaged. The collar is provided with a blind hole to facilitate tightening when locking the bearing to the shaft. The set screw when tightened to the recommended torque values on page 18 prevents the collar 'backing off' in service.



Eccentric collar lock

Taper sleeve lock

This locking arrangement, which incorporates a standard taper adapter sleeve, locknut and lock washer, is recommended when a positive concentric (shaft) lock is required.
When fitting the bearing to the shaft, care must be taken to ensure that the locknut is not over-tightened as this can eliminate the bearing internal clearance, resulting in premature failure. A lockwasher is provided which prevents the locknut 'backing off' when one of the tabs is engaged with the corresponding notch in the locknut. (See below for fitting instructions).
The recommended tightening torques for the locknuts are given on page 18.



Taper sleeve lock

Mounting Self-Lube® adapter sleeve units

1. First bolt the Self-Lube® housing to the equipment and clean the shaft and sleeve bore of any oil or grease.
2. Position the shaft within the unit and tighten up the locknut by hand. If the sleeve assembly turns on the shaft tap the sleeve into the bearing to give a positive grip. Tighten locknut to recommended torque value given on page 18.
3. Where torque spanner facilities are not available a *blunt* drift and *small* hammer may be used to tighten the nut.
4. Check that the bearing rotates freely, to ensure that the internal clearance has not been totally removed and that preload has been avoided.
5. Finally, secure the nut with the appropriate tab on the locking washer. Tighten the nut slightly if necessary but never back the nut off.
6. After 100 hours running it is advisable to check the tightness of the locknut.

Set screw thread and tightening torques

Set screw thread and size

Basic bearing insert reference	Series			
	1000G, 1100, 1200G, 1300		1000DECG, 1100DEC, 1200ECG, 1300EC	
	Inch bore diameters	Metric bore diameters	Inch bore diameters	Metric bore diameters
1017 1020 1025	1/4UNF 1/4UNF 1/4UNF	M6 x 0.75 M6 x 0.75 M6 x 0.75	1/4UNF 1/4UNF 1/4UNF	M6 x 0.75 M6 x 0.75 M6 x 0.75
1030	1/4UNF	M6 x 0.75	5/16UNF	M8 x 1.00
1035 1040 1045 1050	5/16UNF 5/16UNF 5/16UNF 3/8UNF	M8 x 1.00 M8 x 1.00 M8 x 1.00 M10 x 1.25	5/16UNF 3/8UNF 3/8UNF 3/8UNF	M8 x 1.00 M10 x 1.25 M10 x 1.25 M10 x 1.25
1055 1060 1065 1070	3/8UNF 3/8UNF 3/8UNF 7/16UNF	M10 x 1.25 M10 x 1.25 M10 x 1.25 M12 x 1.50	3/8UNF 3/8UNF 3/8UNF 3/8UNF	M10 x 1.25 M10 x 1.25 M10 x 1.25 M10 x 1.25
1075 1080	7/16UNF 7/16UNF	M12 x 1.50 M12 x 1.50	3/8UNF –	M10 x 1.25 –
1085 1090 3095	7/16UNF 1/2UNF 5/8UNF	M12 x 1.50 M12 x 1.50 M16 x 1.50	– – –	– – –

Set screw tightening torques and maximum axial loads

Set screw size	Socket/Allen key size (across flats)	Recommended maximum tightening torque		Set screw maximum axial load	
		newton metres (Nm)	lbf-inches	newtons (N)	lbf
1/4UNF	1/8"	6.8	60	2500	560
5/16UNF	5/32"	12.4	110	3500	785
3/8UNF	3/16"	22.6	200	4500	1010
7/16UNF	7/32"	31.6	280	7500	1685
1/2UNF	1/4"	45.2	400	9000	2025
M6 x 0.75	3mm	5.7	50	2500	560
M8 x 1.00	4mm	12.4	110	3500	785
M10 x 1.25	5mm	27.1	240	5000	1235
M12 x 1.50	6mm	38.4	340	8000	1800

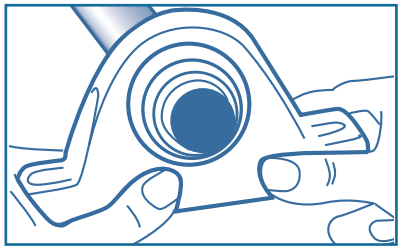
Note: For axial loads in excess of the values listed a shouldered shaft against the face of the inner ring is recommended.

Recommended tightening torques for adapter sleeve units

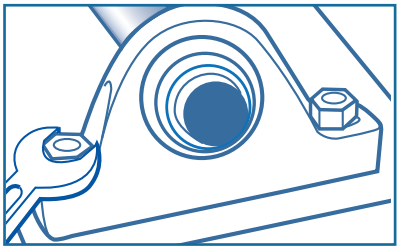
Sleeve bore size	Tightening torques	
	Nm	lbf-ins
20mm, 3/4"	30	265
25mm, 15/16", 1"	40	355
30mm, 1 1/8", 1 3/16"	50	440
35mm, 1 1/4", 1 3/8"	60	530
40mm, 1 7/16", 1 1/2"	65	575
45mm, 1 11/16", 1 3/4"	75	660
50mm, 1 15/16", 2"	85	750

Mounting instructions for Self-Lube® bearing units

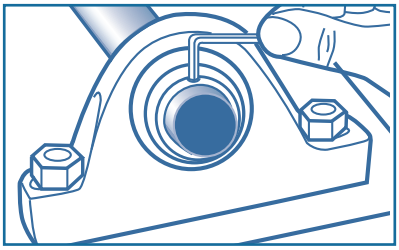
Self-Lube® set screw locking arrangement units



1. Relieve set screws clear of the bore and slide bearing onto the shaft.

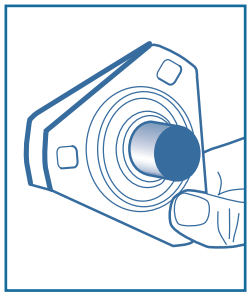


2. Bolt the unit down on to a flat surface but do not over-tighten.

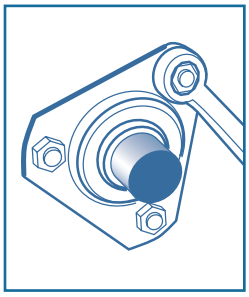


3. Tighten set screws to recommended torque.

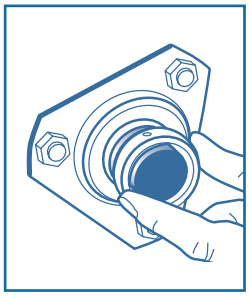
Self-Lube® eccentric collar locking arrangements units



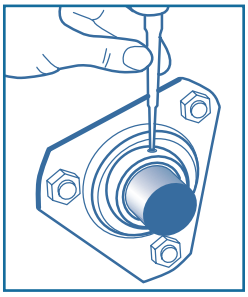
1. Assemble bearing and housing and slide onto the shaft. Do not engage collar.



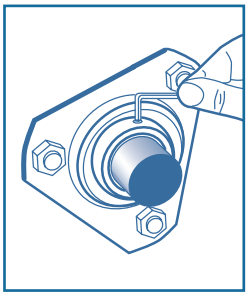
2. Lightly tighten bolts, repeat at other end of shaft and then finally tighten bolts on both sides.



3. Engage the eccentric collar in direction of shaft rotation.



4. Tighten collar with drift pin and small hammer.



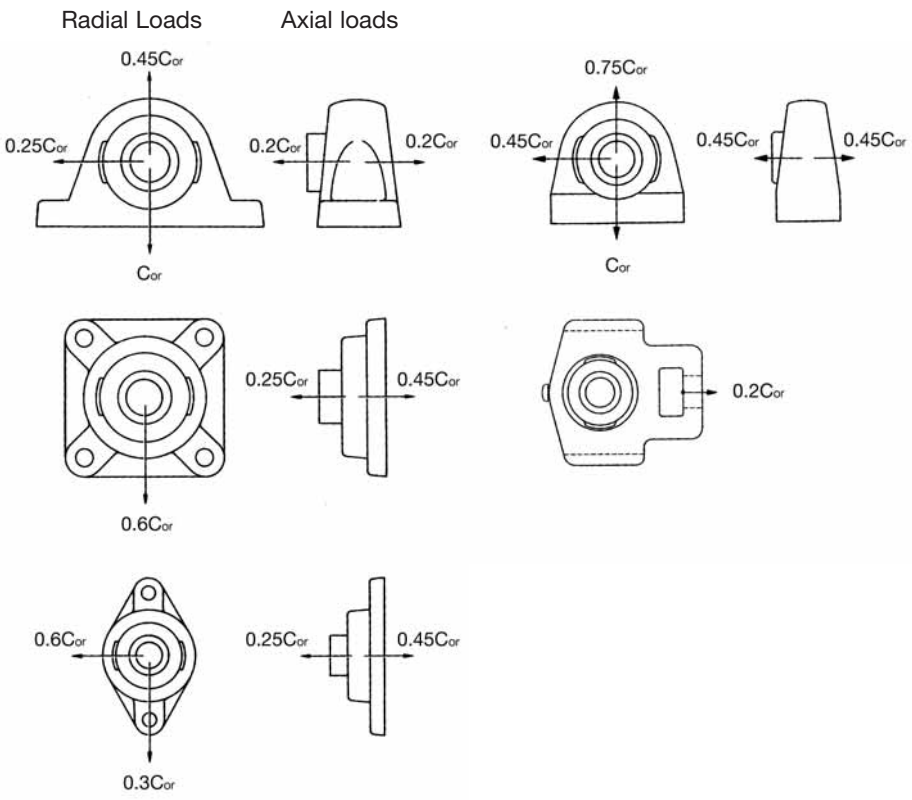
5. Tighten collar set screw to recommended torque.

Maximum recommended steady housing loads

The maximum loads shown adjacent are given as a proportion of the static load rating (C_{or}) of the bearing insert. Where the value of the axial load exceeds the set screw maximum axial holding load listed on page 18, a shoulder on the shaft must be provided against the face of the inner ring.

For shock load conditions additional safety factors must be applied.

Housing strength limits



Tolerances and speeds

Inner ring bore tolerances - Set screw and eccentric collar types

Nominal bore diameter d				Tolerances			
mm above	incl.	inch above	incl.	high	low	high	low
10	18	0.3937	0.7087	+15	0	+6	0
18	31.750	0.7087	1.2500	+18	0	+7	0
31.750	50.800	1.2500	2.0000	+21	0	+8	0
50.800	80	2.0000	3.1496	+24	0	+9	0
80	100	3.1496	3.9370	+28	0	+11	0

Outer ring outside diameter tolerances

Nominal outside diameter d		Tolerances			
		0.001mm units		0.0001 inch units	
mm above	incl.	high	low	high	low
30	50	0	-11	0	-4
50	80	0	-13	0	-5
80	120	0	-15	0	-6
120	150	0	-18	0	-7
150	180	0	-25	0	-10
180	250	0	-30	0	-12

Housing tolerances for parallel outside diameter inserts - series 1100, 1100DEC, 1300 and 1300EC

Nominal housing bore	Stationary outer ring				Rotating outer ring			
	Housing tolerance ISO H7				Housing tolerance ISO N7			
	0.001mm units		0.0001 inch units		0.001mm units		0.0001 inch units	
	high	low	high	low	high	low	high	low
40	+25	0	+10	0	-8	-33	-3	-13
47	+25	0	+10	0	-8	-33	-3	-13
52	+30	0	+12	0	-9	-39	-4	-15
62	+30	0	+12	0	-9	-39	-4	-15
72	+30	0	+12	0	-9	-39	-4	-15
80	+30	0	+12	0	-9	-39	-4	-15
85	+35	0	+14	0	-10	-45	-4	-18
90	+35	0	+14	0	-10	-45	-4	-18
100	+35	0	+14	0	-10	-45	-4	-18
110	+35	0	+14	0	-10	-45	-4	-18
120	+35	0	+14	0	-10	-45	-4	-18
125	+40	0	+16	0	-12	-52	-5	-20
130	+40	0	+16	0	-12	-52	-5	-20
140	+40	0	+16	0	-12	-52	-5	-20
150	+40	0	+16	0	-12	-52	-5	-20
160	+40	0	+16	0	-12	-52	-5	-20

Shaft tolerances and permissible speeds

Basic bearing insert	Shaft dia.		High loads - high speeds					Normal applications					Light loads - low speeds				
			Max. speed	Shaft tolerance ISO h6				Max. speed	Shaft tolerance ISO h7				Max. speed	Shaft tolerance ISO h9			
				0.001mm units		0.0001 inch units			0.001mm units		0.0001 inch units			0.001mm units		0.0001 inch units	
	mm	inches	rev/min	high	low	high	low	rev/min	high	low	high	low	rev/min	high	low	high	low
1017	12-17	1/2-11/16	7000	0	-11	0	-4	5000	0	-18	0	-7	2000	0	-43	0	-17
1020	20	3/4	6700	0	-13	0	-5	4200	0	-21	0	-8	1700	0	-52	0	-20
1025	25	13/16-1	6250	0	-13	0	-5	3600	0	-21	0	-8	1350	0	-52	0	-20
1030	25-30	7/8-1 1/4	5300	0	-13	0	-5	3100	0	-21	0	-8	1100	0	-52	0	-20
1035	30-35	1 1/8-1 7/16	4500	0	-16	0	-6	2700	0	-25	0	-10	900	0	-62	0	-24
1040	35-40	1 3/8-1 9/16	4000	0	-16	0	-6	2400	0	-25	0	-10	750	0	-62	0	-24
1045	40-45	1 1/2-1 3/4	3700	0	-16	0	-6	2200	0	-25	0	-10	600	0	-62	0	-24
1050	45-50	1 5/8-2	3400	0	-16	0	-6	1950	0	-25	0	-10	500	0	-62	0	-24
1055	50-55	1 7/8-2 3/16	3100	0	-19	0	-7	1800	0	-30	0	-12	450	0	-74	0	-29
1060	55-60	2 1/8-2 7/16	2800	0	-19	0	-7	1600	0	-30	0	-12	400	0	-74	0	-29
1065	65	2 1/2	2600	0	-19	0	-7	1500	0	-30	0	-12	350	0	-74	0	-29
1070	60-70	1 7/16-2 11/16	2450	0	-19	0	-7	1400	0	-30	0	-12	300	0	-74	0	-29
1075	65-75	2 11/16-2 15/16	2300	0	-19	0	-7	1300	0	-30	0	-12	280	0	-74	0	-29
1080	75-80	2 15/16-3 1/4	2150	0	-19	0	-7	1200	0	-30	0	-12	250	0	-74	0	-29
1085	80-85	3 3/16-3 7/16	2000	0	-22	0	-9	1100	0	-35	0	-14	220	0	-87	0	-34
1090	85-90	3 7/16-3 1/2	1900	0	-22	0	-9	1050	0	-35	0	-14	200	0	-87	0	-34
3095	95-100	3 15/16-4	1600	0	-22	0	-9	1000	0	-35	0	-14	180	0	-87	0	-34

For most applications the standard set screw lock is more than satisfactory. Whenever eccentric collar units are used it is recommended that shaft tolerances in the high loads column be adopted. Whenever taper adapter sleeve locking arrangements are used, shaft tolerances in the light loads column can be adopted. When operating conditions are very severe (for example, in case of heavy vibration or shock) a light interference fit may be required between the shaft and bearing bore diameter.

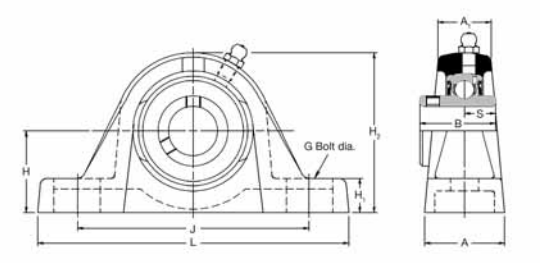
Housing tolerances for bearing units - series FC, MFC, SLC and MSC

Bearing unit reference	Housing tolerance	
	Stationary housing	Rotating housing
SLC MSC	ISO H7	ISO N7
FC MFC	ISO H7	ISO H7

Self-Lube® Bearing Tables

Self-Lube® cast iron pillow block units

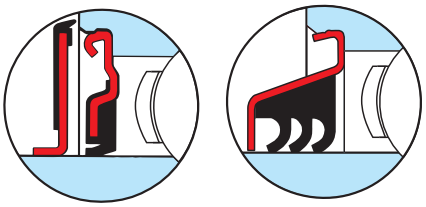
NP Series



NP

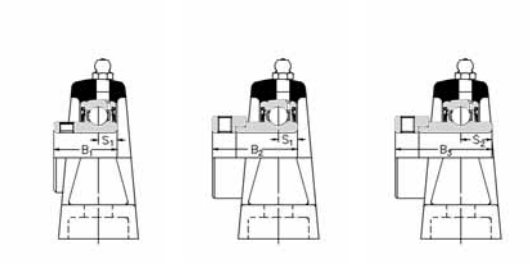
Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)				Bolt centres		
mm	inches							L	H	H1	H2	J_{max}	J_{min}	
12		**NP12**		**NP12EC**		1017	1	126.5	30.20	14.2	57.2	100.5	85.5	
15		**NP15**		**NP15EC**										
16		**NP16**		**NP16EC**										
17		**NP17**		**NP17EC**										
	½	**NP½**		**NP½EC**										
	⅝	**NP⅝**		**NP⅝EC**										
20		**NP20**	**NP20A**	**NP20EC**	**NP20DEC**	1020	2	127.0	33.30	14.0	65.2	100.5	88.5	
	¾	**NP**	**NP¾A**	**NP¾EC**	**NP¾DEC**									
25		**NP25**	**NP25A**	**NP25EC**	**NP25DEC**	1025	3	139.0	36.50	16.0	71.0	112.7	96.8	
	⅞	**NP⅞**		**NP⅞EC**	**NP⅞DEC**									
	15/16	**NP15/16**		**NP15/16EC**	**NP15/16DEC**									
	1	**NP1**	**NP1A**	**NP1EC**	**NP1DEC**									
30		**NP30**	**NP30A**	**NP30EC**	**NP30DEC**	1030	4	160.5	42.90	17.7	82.7	129.5	108.5	
	1⅛	**NP1⅛**		**NP1⅛EC**	**NP1⅛DEC**									
	1 3/16	**NP1 3/16**		**NP1 3/16EC**	**NP1 3/16DEC**									
	1¼	**NP1¼**	**NP1 4AR**	**NP1¼EC**	**NP1¼DEC**									
35		**NP35**	**NP35A**	**NP35EC**	**NP35DEC**	1035	5	166.0	47.60	17.5	93.0	136.5	121.5	
	1¼	**NP1¼**	**NP1¼A**	**NP1¼EC**	**NP1¼DEC**									
	1⅜	**NP⅜**		**NP⅜EC**	**NP1⅜DEC**									
	1 7/16	**NP7/16**		**NP7/16EC**	**NP1 7/16DEC**									
40		**NP40**	**NP40A**	**NP40EC**	**NP40DEC**	1040	6	180.5	49.20	18.5	98.5	148.0	127.0	
	1½	**NP1½**	**NP1½A**	**NP1½EC**	**NP1½DEC**									
45		**NP45**	**NP45A**	**NP45EC**	**NP45DEC**	1045	7	190.5	54.00	20.0	108.0	154.5	140.5	
	1⅝	**NP1⅝**		**NP1⅝EC**	**NP1⅝DEC**									
	1 11/16	**NP1 11/16**		**NP1 11/16EC**	**NP1 11/16DEC**									
	1¾	**NP1¾**	**NP1¾A**	**NP1¾EC**	**NP1¾DEC**									
50		**NP50**	**NP50A**	**NP50EC**	**NP50DEC**	1050	8	206.0	57.20	21.0	115.2	163.0	154.0	
	1⅞	**NP1⅞**		**NP1⅞EC**	**NP1⅞DEC**									
	1 15/16	**NP1 15/16**		**NP1 15/16EC**	**NP1 15/16DEC**									
	2	**NP2R**			**NP2DECR**									
55		**NP55**			**NP55DEC**	1055	9	219.5	63.50	24.8	129.5	178.5	162.5	
	2	**NP2**			**NP2DEC**									
	2⅛	**NP2⅛**			**NP2⅛DEC**									
	2 3/16	**NP2 3/16**			**NP2 3/16DEC**									
60		**NP60**			**NP60DEC**	1060	10	240.0	69.90	26.3	142.3	201.0	176.0	
	2¼	**NP2¼**			**NP2¼DEC**									
	2⅜	**NP2⅜**			**NP2⅜DEC**									
	2 7/16	**NP2 7/16**			**NP2 7/16DEC**									

Please check availability



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. NP40FS.

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. TNP25.

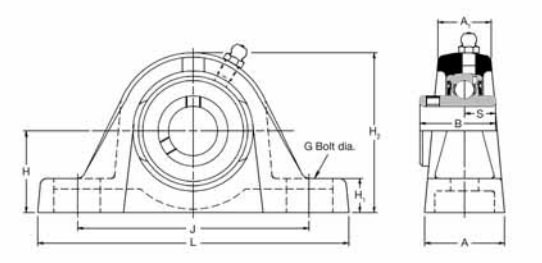


NP-A NP-EC NP-DEC

	Dimensions (mm)										ISO load ratings		Rec max. speed	Mass (approx.)
	G	A	A1	B	B1	B2	B3	s	s1	s2	dynamic Cr newtons	static Cor newtons	rev/min	kg
	10	30.5	20.5	27.38	–	28.63	–	11.58	6.53	–	9550	4800	7000	0.5
	10	32.5	22.5	31.00	25.80	31.03	43.73	12.73	7.53	17.13	12800	6650	6700	0.6
	10	36.5	24.5	34.10	27.30	31.03	44.43	14.33	7.53	17.53	14000	7880	6250	0.7
	12	41.5	27.5	38.10	31.20	35.73	48.43	15.93	9.03	18.33	19500	11300	5300	1.3
	12	44.5	30.5	42.90	34.90	38.93	51.13	17.53	9.53	18.83	25700	15300	4500	1.7
	12	51.0	34.5	49.20	41.20	43.73	56.33	19.03	11.03	21.43	32500	19900	4000	2.1
	12	54.0	35.0	49.20	41.20	43.73	56.33	19.04	11.04	21.43	32500	20500	3700	2.8
	16	55.0	36.0	51.60	43.50	43.73	62.73	19.04	11.04	24.64	35000	23200	3400	3.2
	16	60.0	39.5	55.60	–	–	71.42	22.24	–	27.84	43500	29200	3100	4.0
	16	70.0	46.0	65.10	–	–	77.84	25.44	–	31.04	48000	33000	2800	5.9

Self-Lube® cast iron pillow block units

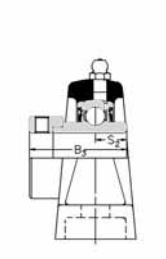
NP Series (continued)



NP

Shaft diameter		RHP designation		Basic bearing insert	Casting group	Dimensions (mm)				Bolt centres		
mm	inches					L	H	H1	H2	J_{max}	J_{min}	
65		**NP65**	**NP65DEC**	1065	10/65	250.0	69.90	26.3	144.3	205.0	176.0	
	2½	**NP2½**	**NP2½DEC**									
70		**NP70**	**NP70DEC**	1070	11	266.0	79.40	30.2	156.0	220.0	200.0	
	2 11/16	**NP2 11/16**										
75		**NP75**	**NP75DEC**	1075	12	275.0	82.60	28.0	164.0	228.0	206.0	
	2¾	**NP2¾**										
	2⅞	**NP2⅞**										
	2 15/16	**NP2 15/16**										
	3	**NP3**										
80		**NP80**		1080	13	291.0	88.90	30.0	174.0	241.0	214.0	
	3	**NP3L**										
85		**NP85**		1085	14	310.0	95.20	32.0	187.0	262.0	232.0	
	3¼	**NP3¼**										
	3⅜	**NP3⅜**										
90		**NP90**		1090	15	327.0	101.60	36.0	200.0	280.0	244.0	
	3 7/16	**NP3 7/16**										
	3½	**NP3½**										

Please check availability



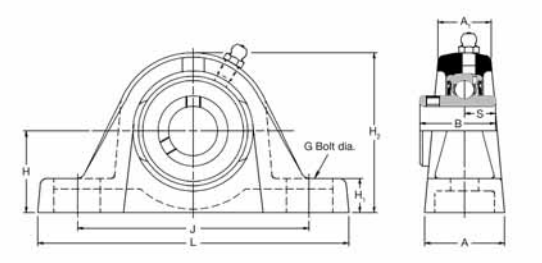
NP-DEC

	Dimensions (mm)										ISO load ratings		Rec max. speed	Mass (approx.)
	G	A	A1	B	B1	B2	B3	s	s1	s2	dynamic Cr newtons	static Cor newtons	rev/min	kg
	16	70.0	45.0	65.10	–	–	85.74	25.44	–	34.14	57500	40000	2600	5.9
	24	72.0	47.0	74.60	–	–	85.74	30.24	–	34.14	61000	45000	2450	8.0
	24	74.0	48.0	77.80	–	–	92.14	33.34	–	37.34	66000	49500	2300	9.0
	24	78.0	56.0	82.60	–	–	–	33.34	–	–	71500	54500	2150	9.7
	24	83.0	56.0	85.70	–	–	–	34.15	–	–	83000	64000	2000	11.8
	24	88.0	62.0	96.00	–	–	–	39.74	–	–	96000	71500	1900	14.7

	Dimensions (mm)					ISO load ratings		Rec max. speed	Mass (approx.)
	G	A	A1	B5	d4	dynamic Cr newtons	static Cor newtons	rev/min	kg
	10	36.5	24.5	29.0	38.0	14000	7880	6250	0.7
	12	41.5	27.5	31.0	45.0	19500	11300	5300	1.3
	12	44.5	30.5	35.0	52.0	25700	15300	4500	1.7
	12	51.0	34.5	36.0	58.0	32500	19900	4000	2.1
	12	54.0	35.0	39.0	65.0	32500	20500	3700	2.8
	16	55.0	36.0	42.0	70.0	35000	23200	3400	3.2
	16	60.0	39.5	45.0	75.0	43500	29200	3100	4.0

Self-Lube® cast iron pillow block units

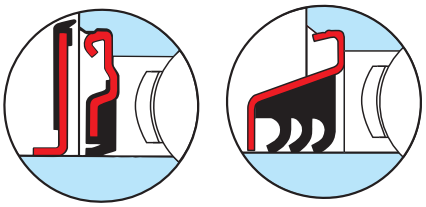
SL Series



SL

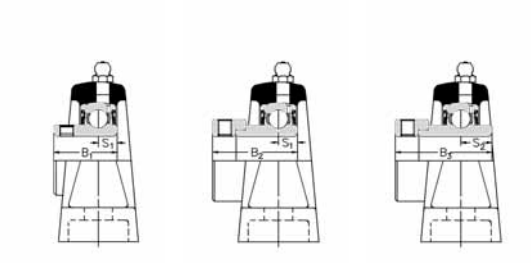
Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)				Bolt centres	
mm	inches							L	H	H1	H2	J_{max}	J_{min}
12		**SL12**		**SL12EC**		1017	1	119.0	26.97	11.0	54.0	91.5	85.5
15		**SL15**		**SL15EC**									
16		**SL16**		**SL16EC**									
17		**SL17**		**SL17EC**									
	½	**SL½**		**SL½EC**									
	⅝	**SL⅝**		**SL⅝EC**									
20		**SL20**	**SL20A**	**SL20EC**	**SL20DEC**	1020	2	126.5	31.75	12.5	63.7	100.5	88.5
	¾	**SL¾**	**SL¾A**	**SL¾EC**	**SL¾DEC**								
25		**SL25**	**SL25A**	**SL25EC**	**SL25DEC**	1025	3	139.0	33.32	12.8	67.8	110.2	98.2
	⅞	**SL⅞**		**SL⅞EC**	**SL⅞DEC**								
	15/16	**SL15/16**		**SL15/16EC**	**SL15/16DEC**								
	1	**SL1**	**SL1A**	**SL1EC**	**SL1DEC**								
30		**SL30**	**SL30A**	**SL30EC**	**SL30DEC**	1030	4	161.5	39.67	14.5	79.5	130.0	109.0
	1⅛	**SL1⅛**		**SL1⅛EC**	**SL1⅛DEC**								
	1 3/16	**SL1 3/16**		**SL1 3/16EC**	**SL1 3/16DEC**								
	1¼	**SL1¼R**	**SL1¼AR**	**SL1¼ECR**	**SL1¼DECR**								
35		**SL35**	**SL35A**	**SL35EC**	**SL35DEC**	1035	5	166.0	46.02	16.0	91.5	136.5	121.5
	1¼	**SL1¼**	**SL1¼A**	**SL1¼EC**	**SL1¼DEC**								
	1⅜	**SL1⅜**		**SL1⅜EC**	**SL1⅜DEC**								
	1 7/16	**SL1 7/16**		**SL1 7/16EC**	**SL1 7/16DEC**								
40		**SL40**	**SL40A**	**SL40EC**	**SL40DEC**	1040	6	180.5	49.20	18.5	98.5	148.0	127.0
	1½	**SL1½**	**SL1½A**	**SL1½EC**	**SL1½DEC**								
45		**SL45**	**SL45A**	**SL45EC**	**SL45DEC**	1045	7	197.5	52.37	18.4	106.4	161.5	141.5
	1⅝	**SL1⅝**		**SL1⅝EC**	**SL1⅝DEC**								
	1 11/16	**SL1 11/16**		**SL1 11/16EC**	**SL1 11/16DEC**								
	1¾	**SL1¾**	**SL1¾A**	**SL1¾EC**	**SL1¾DEC**								
50		**SL50**	**SL50A**	**SL50EC**	**SL50DEC**	1050	8	214.0	55.55	19.3	114.0	177.0	151.0
	1⅞	**SL1⅞**		**SL1⅞EC**	**SL1⅞DEC**								
	1 15/16	**SL1 15/16**		**SL1 15/16EC**	**SL1 15/16DEC**								
	2	**SL2R**			**SL2DECR**								
55		**SL55**			**SL55DEC**	1055	9	219.5	61.90	23.2	128.0	178.5	162.5
	2	**SL2**			**SL2DEC**								
	2⅛	**SL2⅛**			**SL2⅛DEC**								
	2 3/16	**SL2 3/16**			**SL2 3/16DEC**								
60		**SL60**			**SL60DEC**	1060	10	240.0	68.25	24.6	140.6	201.0	176.0
	2¼	**SL2¼**			**SL2¼DEC**								
	2⅜	**SL2⅜**			**SL2⅜DEC**								
	2 7/16	**SL2 7/16**			**SL2 7/16DEC**								
65		**SL65R**				1065	10/65	250.0	68.25	24.6	142.6	205.0	176.0
	2½	**SL2½**			**SL2½DEC**								
65		**SL65**			**SL65DEC**	1075	11	286.0	82.55	28.0	165.5	241.5	200.5
70		**SL70**			**SL70DEC**								
75		**SL75**			**SL75DEC**								
	2 11/16	**SL2 11/16**			**SL2 11/16DEC**								
	2¾	**SL2¾**			**SL2¾DEC**								
	2⅞	**SL2⅞**			**SL2⅞DEC**								
	2 15/16	**SI2 15/16**			**SI2 15/16DEC**								

Please check availability



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. SL35FS.

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. TSL35.

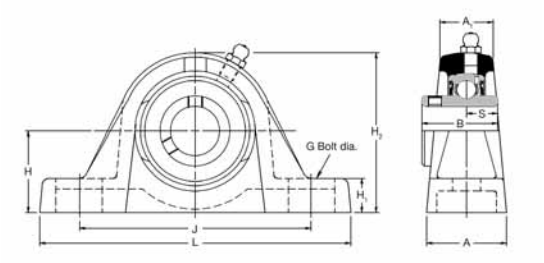


SL-A SL-EC SL-DEC

	Dimensions (mm)										ISO load ratings		Rec max. speed	Mass (approx.)
	G	A	A1	B	B1	B2	B3	s	s1	s2	dynamic Cr newtons	static Cor newtons	rev/min	kg
	10	30.5	20.5	27.38	–	28.63	–	11.58	6.53	–	9550	4800	7000	0.5
	10	32.0	22.5	31.00	25.80	31.03	43.73	12.73	7.53	17.13	12800	6650	6700	0.6
	10	36.0	24.5	34.10	27.30	31.03	44.43	14.33	7.53	17.53	14000	7880	6250	0.7
	12	41.0	27.5	38.10	31.20	35.73	48.43	15.93	9.03	18.33	19500	11300	5300	1.3
	12	44.5	30.5	42.90	34.90	38.93	51.13	17.53	9.53	18.83	25700	15300	4500	1.7
	12	51.0	34.5	49.20	41.20	43.73	56.33	19.03	11.03	21.43	32500	19900	4000	2.1
	12	54.0	35.0	49.20	41.20	43.73	56.33	19.04	11.04	21.43	32500	20500	3700	3.0
	12	55.0	36.0	51.60	43.50	43.73	62.73	19.04	11.04	24.64	35000	23200	3400	3.4
	16	60.0	39.5	55.60	–	–	71.42	22.24	–	27.84	43500	29200	3100	4.0
	16	70.0	46.0	65.10	–	–	77.84	25.44	–	31.04	48000	33000	2800	6.1
	16	70.0	45.0	65.10	–	–	85.74	25.44	–	34.14	57500	40000	2600	6.2
	20	74.0	47.5	77.80	–	–	92.14	33.34	–	37.34	66000	49500	2300	11.6

Self-Lube® cast iron pillow block units

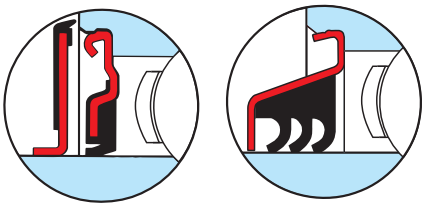
MP Series



MP

Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions (mm)				Bolt centres		
mm	inches				L	H	H1	H2	J_{max}	J_{min}	
25	1	**MP25** **MP1**	1030	1	160.5	44.45	19.3	84.3	127.5	108.5	
30	1 3/16 1 1/4	**MP30** **MP1 3/16** **MP1 1/4**	1035	2	166.0	47.60	17.5	93.0	136.5	121.5	
35	1 3/8 1 7/16	**MP35** **MP1 3/8** **MP1 7/16**	1040	3	203.2	53.98	23.0	107.5	160.0	135.0	
40	1 1/2	**MP40** **MP1 1/2**	1045	4	222.2	58.72	22.5	116.7	172.5	145.0	
45	1 11/16 1 3/4	**MP45** **MP1 11/16** **MP1 3/4**	1050	5	222.2	58.72	22.5	116.7	172.5	145.0	
50	1 7/8 1 15/16 2	**MP50** **MP1 7/8** **MP1 15/16** **MP2**	1055	6	219.5	63.50	24.8	129.5	178.5	162.5	
55	2 3/16 2 1/4	**MP55** **MP2 3/16** **MP2 1/4**	1060	7	249.5	69.85	26.2	142.2	201.0	179.0	
60 65	2 7/16 2 1/2	**MP60** **MP65** **MP2 7/16** **MP2 1/2**	1070	8	266.0	76.20	27.0	153.0	224.5	189.5	
65 70	2 11/16 2 3/4	**MP65** **MP70** **MP2 11/16** **MP2 3/4**	1075	9	330.2	88.90	28.6	177.8	255.6	206.0	
75	2 15/16 3	**MP75** **MP2 15/16** **MP3**	1080	10	330.2	88.90	31.8	184.2	255.6	228.0	
80	3 3/16 3 1/4	**MP80** **MP3 3/16** **MP3 1/4**	1085	11	381.0	101.60	31.8	203.2	317.5	260.0	
85 90	3 7/16 3 1/2	**MP85** **MP90** **MP3 7/16** **MP3 1/2**	1090	12	381.0	101.60	33.3	209.6	319.1	246.1	
95 100	3 15/16 4	**MP95** **MP100** **MP3 15/16** **MP4**	3095	13	431.8	127.00	33.3	254.0	371.5	301.6	

Please check availability



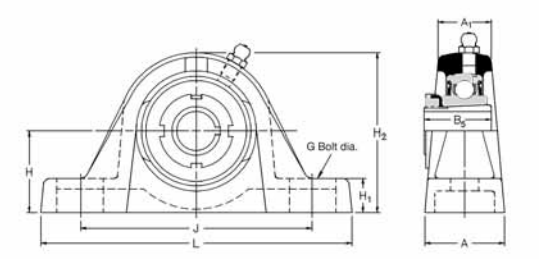
Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix ‘FS’, e.g. MP40FS.

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. TMP40.

	Dimensions (mm)					ISO load ratings		Rec max. speed	Mass (approx.)
	G	A	A1	B	s	dynamic Cr newtons	static Cor newtons	rev/min	kg
	12	41.5	27.5	38.10	15.93	19500	11300	5300	1.3
	12	44.5	30.5	42.90	17.53	25700	15300	4500	1.7
	12	57.0	40.5	49.20	19.03	32500	19900	4000	2.7
	16	60.0	39.5	49.20	19.04	32500	20500	3700	3.2
	16	60.0	39.5	51.60	19.04	35000	23200	3400	3.2
	16	60.0	39.5	55.60	22.24	43500	29200	3100	4.0
	20	69.5	46.00	65.10	25.44	48000	33000	2800	7.1
	20	72.0	47.0	74.60	30.24	61000	45000	2450	9.3
	24	88.9	66.7	77.80	33.34	66000	49500	2300	13.4
	24	88.9	66.7	82.60	33.34	71500	54500	2150	14.3
	24	101.6	68.3	85.70	34.15	83000	64000	2000	18.2
	24	111.1	79.4	96.00	39.74	96000	71500	1900	23.4
	24	120.6	98.4	117.48	49.31	157000	122000	1600	34.4

Self-Lube® cast iron pillow block units with adapter sleeves

MP1000-K Series



MP 1000-K

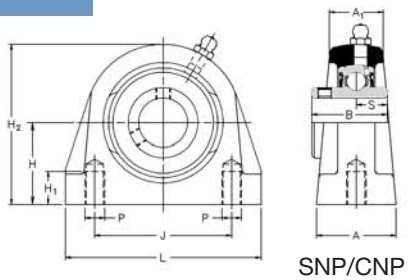
Shaft diameter		RHP designation complete unit	Sleeve, nut & lockwasher only	Unit without sleeve, nut & lockwasher	Basic bearing	Casting group insert	Dimensions (mm)				Bolt centres		
mm	inches						L	H	H1	H2	J_{max}	J_{min}	
25		**MP1030-25K**	**H306**	**MP1030K**	1030	1	160.5	44.45	19.3	87.4	127.5	108.5	
	15/16	**MP1030-15/16K**	**HE306-15/16**										
	1	**MP1030-1K**	**HE306-1**										
30		**MP1035-30K**	**H307**	**MP1035K**	1035	2	166.0	47.60	17.5	93.0	136.5	121.5	
	1 1/8	**MP1035-1 1/8K**	**HE307-1 1/8**										
	1 3/16	**MP1035-1 3/16K**	**HE307-1 3/16**										
35		**MP1040-35K**	**HE308**	**MP1040K**	1040	3	203.2	53.98	23.0	106.4	160.0	135.0	
	1 1/4	**MP1040-1 1/4K**	**HE308-1 1/4**										
	1 3/8	**MP1040- 1 3/8K**	**HE308-1 3/8**										
40		**MP1045-40K**	**HE309**	**MP1045K**	1045	4	222.2	58.72	22.5	116.7	172.5	145.0	
	1 7/16	**MP1045-1 7/16K**	**HE309-1 7/16**										
	1 1/2	**MP1045-1 1/2K**	**HE309-1 1/2**										
45		**MP1050-45K**	**HE310**	**MP1050K**	1050	5	222.2	58.72	22.5	116.7	172.5	145.0	
	1 11/16	**MP1050-1 11/16K**	**HE310-1 11/16**										
	1 3/4	**MP1050-1 3/4K**	**HE310-2**										
50		**MP1055-50K**	**H311**	**MP1055K**	1055	6	219.5	63.50	24.8	129.5	178.5	162.5	
	1 15/16	**MP1055-1 15/16K**	**HE311-1 15/16**										
	2	**MP1055-2K**	**HE311-2**										

Please check availability

	Dimensions (mm)					ISO load ratings		Rec max. speed	Mass (approx.)
	G	A	A1	B5	d4	dynamic Cr newtons	static Cor newtons	rev/min	kg
	12	41.5	27.5	31.00	45.00	19500	11300	5300	1.3
	12	44.5	30.5	35.00	52.00	25700	15300	4500	1.7
	12	57.0	40.5	36.00	58.00	32500	19900	4000	2.7
	16	60.0	39.5	39.00	65.00	32500	20500	3700	3.2
	16	60.0	39.5	42.00	70.00	35000	23200	3400	3.2
	16	60.0	39.5	45.00	75.00	43500	29200	3100	4.0

Self-Lube® short base cast iron pillow block units

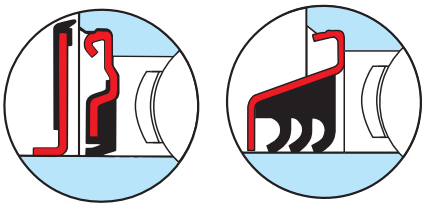
SNP Series (metric thread)
CNP Series (UNC thread)**
****These units are identical to SNP series except for thread details**



SNP/CNP

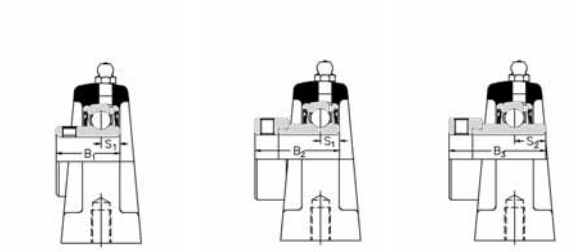
Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)				Bolt centres p	
mm	inches							L	H	H1	H2	J	SNP
20		**SNP20**	**SNP20A**	**SNP20EC**	**SNP20DEC**	1020	2	65.0	33.30	13.5	65.8	50.8	M8x1.25
	¾	**SNP¾**	**SNP¾4A**	**SNP¾EC**	**SNP¾DEC**								
25		**SNP25**	**SNP25A**	**SNP25EC**	**SNP25DEC**	1025	3	70.0	36.50	13.5	71.5	50.8	M10x1.50
	⅞	**SNP⅞**		**SNP⅞EC**	**SNP⅞DEC**								
	15/16	**SNP15/16**		**SNP15/16EC**	**SNP15/16DEC**								
	1	**SNP1**	**SNP1A**	**SNP1EC**	**SNP1DEC**								
30		**SNP30**	**SNP30A**	**SNP30EC**	**SNP30DEC**	1030	4	96.0	42.90	16.5	83.9	76.2	M10x1.50
	1⅛	**SNP1⅛**		**SNP1⅛EC**	**SNP1⅛DEC**								
	1 3/16	**SNP1 3/16**		**SNP1 3/16EC**	**SNP1 3/16DEC**								
	1¼	**SNP1¼R**	**SNP1¼AR**	**SNP1¼ECR**	**SNP1¼DECR**								
35		**SNP35**	**SNP35A**	**SNP35EC**	**SNP35DEC**	1035	5	110.0	47.60	19.5	95.6	82.6	M10x1.50
	1¼	**SNP1¼**	**SNP1¼A**	**SNP1¼EC**	**SNP1¼DEC**								
	1⅜	**SNP1⅜**		**SNP1⅜EC**	**SNP1⅜DEC**								
	1 7/16	**SNP1 7/16**		**SNP1 7/16EC**	**SNP1 7/16DEC**								
40		**SNP40**	**SNP40A**	**SNP40EC**	**SNP40DEC**	1040	6	118.0	49.20	19.5	101.7	88.9	M12x1.75
	1½	**SNP1½**	**SNP1½A**	**SNP1½EC**	**SNP1½DEC**								
45		**SNP45**	**SNP45A**	**SNP45EC**	**SNP45DEC**	1045	7	127.0	54.00	19.5	110.0	95.3	M12x1.75
	1⅝	**SNP1⅝**		**SNP1⅝EC**	**SNP1⅝DEC**								
	1 11/16	**SNP1 11/16**		**SNP1 11/16EC**	**SNP1 11/16DEC**								
	1¾	**SNP1¾**	**SNP1¾A**	**SNP1¾EC**	**SNP1¾DEC**								
50		**SNP50**	**SNP50A**	**SNP50EC**	**SNP50DEC**	1050	8	135.0	57.20	23.5	115.0	101.6	M16x2.00
	1⅞	**SNP1⅞**		**SNP1⅞EC**	**SNP1⅞DEC**								
	1 15/16	**SNP1 15/16**		**SNP1 15/16EC**	**SNP1 15/16DEC**								
	2	**SNP2R**											
55		**SNP55**			**SNP55DEC**	1055	9	154.0	63.50	26.5	130.0	118.0	M16x2.00
	2	**SNP2**			**SNP2DEC**								
	2⅛	**SNP2⅛**			**SNP2⅛DEC**								
	2 3/16	**SNP2 3/16**			**SNP2 3/16DEC**								
60		**SNP60**			**SNP60DEC**	1060	10	154.0	69.90	26.5	141.5	118.0	M16x2.00
	2¼	**SNP2¼**			**SNP2¼DEC**								
	2⅜	**SNP2⅜**			**SNP2⅜DEC**								
	2 7/16	**SNP2 7/16**			**SNP2 7/16DEC**								

Please check availability



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. SNP25FS.

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. TSNP25.



SNP-A
CNP-A

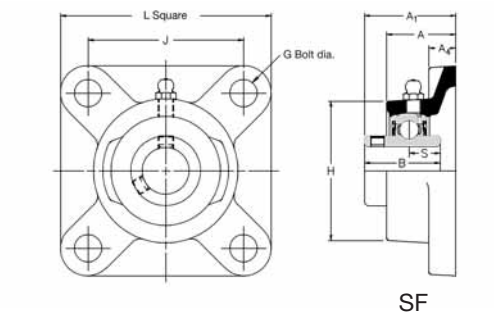
SNP-EC
CNP-EC

SNP-DEC
CNP-DEC

p	Dimensions (mm)										ISO load ratings		Rec max. speed	Mass (approx.)
	CNP	A	A1	B	B1	B2	B3	s	s1	s2	dynamic Cr newtons	static Cor newtons	rev/min	kg
	3/8-16UNC	32.0	22.5	31.00	25.80	31.03	43.73	12.73	7.53	17.13	12800	6650	6700	0.9
	3/8-16UNC	36.0	25.0	34.10	27.30	31.03	44.43	14.33	7.53	17.53	14000	7880	6250	1.2
	7/16-14UNC	40.0	26.5	38.10	31.20	35.73	48.43	15.93	9.03	18.33	19500	11300	5300	1.8
	1/2-13UNC	45.0	30.0	42.90	34.90	38.93	51.13	17.53	9.53	18.83	25700	15300	4500	2.4
	1/2-13UNC	47.0	32.0	49.20	41.20	43.73	56.33	19.03	11.03	21.43	32500	19900	4000	2.8
	1/2-13UNC	48.0	33.0	49.20	41.20	43.73	56.33	19.04	11.04	21.43	32500	20500	3700	3.5
	5/8-11UNC	54.0	34.0	51.60	43.50	43.73	62.73	19.04	11.04	24.64	35000	23200	3400	3.3
	5/8-11UNC	60.0	41.5	55.60	–	–	71.42	22.24	–	27.84	43500	29200	3100	4.0
	5/8–11UNC	60.0	41.5	65.10	–	–	77.84	25.44	–	31.04	48000	33000	2800	4.6

Self-Lube® cast iron flange bearing units

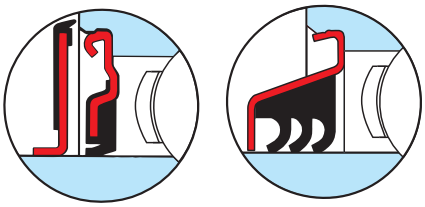
SF Series



SF

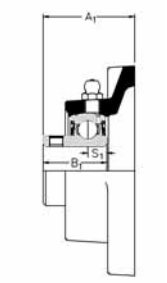
Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)						
mm	inches							L	H	J	G	A	A1	
12		**SF12**		**SF12EC**		1017	1	76.2	52.5	54.00	10	24.6	32.87	
15		**SF15**		**SF15EC**										
16		**SF16**		**SF16EC**										
17		**SF17**		**SF17EC**										
	½	**SF½**		**SF½EC**										
	⅝	**SF⅝**		**SF⅝EC**										
20		**SF20**	**SF20A**	**SF20EC**	**SF20DEC**	1020	2	85.7	60.3	63.50	10	27.8	37.26	
	¾	**SF¾**	**SF¾A**	**SF¾EC**	**SF¾DEC**									
25		**SF25**	**SF25A**	**SF25EC**	**SF25DEC**	1025	3	95.3	68.0	70.00	10	28.6	38.84	
	⅞	**SF⅞**		**SF⅞EC**	**SF⅞DEC**									
	15/16	**SF15/16**		**SF15/16EC**	**SF15/16DEC**									
	1	**SF1**	**SF1A**	**SF30EC**	**SF1DEC**									
30		**SF30**	**SF30A**	**SF1EC**	**SF30DEC**	1030	4	108.0	82.6	82.50	10	29.8	42.21	
	1⅛	**SF1⅛**		**SF1⅛EC**	**SF1⅛DEC**									
	3/16	**SF3/16**		**SF3/16EC**	**SF3/16DEC**									
	1¼	**SF1¼R**	**SF1¼AR**	**SF1¼ECR**	**SF1¼DECR**									
35		**SF35**	**SF35A**	**SF35EC**	**SF35DEC**	1035	5	117.5	95.3	92.00	12	31.4	46.41	
	1¼	**SF1¼**	**SF1¼A**	**SF1¼EC**	**SF1¼DEC**									
	1⅜	**SF1⅜**		**SF1⅜EC**	**SF1⅜DEC**									
	1 7/16	**SF1 7/16**		**SF1 7/16EC**	**SF1 7/16DEC**									
40		**SF40**	**SF40A**	**SF40EC**	**SF40DEC**	1040	6	130.2	101.6	101.50	12	34.9	54.18	
	1½	**SF1½**	**SF1½A**	**SF1½EC**	**SF1½DEC**									
45		**SF45**	**SF45A**	**SF45EC**	**SF45DEC**	1045	7	136.5	111.1	105.00	16	35.3	54.18	
	1⅝	**SF1⅝**		**SF1⅝EC**	**SF1⅝DEC**									
	1 11/16	**SF1 11/16**		**SF1 11/16EC**	**SF1 11/16DEC**									
	1¾	**SF1¾**	**SF1¾A**	**SF1¾EC**	**SF1¾DEC**									
50		**SF50**	**SF50A**	**SF50EC**	**SF50DEC**	1050	8	142.9	115.9	111.00	16	39.7	60.53	
	1⅞	**SF1⅞**		**SF1⅞EC**	**SF1⅞DEC**									
	1 15/16	**SF1 15/16**		**SF1 15/16EC**	**SF1 15/16DEC**									
	2	**SF2R**												
55		**SF55**			**SF55DEC**	1055	9	161.9	127.0	130.00	16	43.7	64.31	
	2	**SF2**			**SF2DEC**									
	2⅛	**SF2⅛**			**SF2⅛DEC**									
	2 3/16	**SF2 3/16**			**SF2 3/16DEC**									
60		**SF60**			**SF60DEC**	1060	10	174.5	138.1	143.00	16	47.6	73.69	
	2¼	**SF2¼**			**SF2¼DEC**									
	2⅜	**SF2⅜**			**SF2⅜DEC**									
	2 7/16	**SF2 7/16**			**SF2 7/16DEC**									
65		**SF65R**				1065	10/65	174.5	149.5	143.00	16	47.6	73.69	
	2½	**SF2½**			**SF2½DEC**									
65		**SF65**			**SF65DEC**	1070	11	187.5	155.5	149.22	16	47.6	77.72	
70		**SF70**			**SF70DEC**									
	2⅝	**SF2⅝**			**SF2⅝DEC**									
	2 11/16	**SF2 11/16**			**SF2 11/16DEC**									
75		**SF75**			**SF75DEC**	1075	12	196.5	158.5	152.40	20	51.3	80.90	
	2¾	**SF2¾**			**SF2¾DEC**									
	2⅞	**SF2⅞**			**SF2⅞DEC**									
	2 15/16	**SF2 15/16**			**SF2 15/16DEC**									
	3	**SF3**												

Please check availability

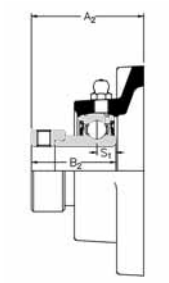


Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix ‘FS’, e.g. SF25FS.

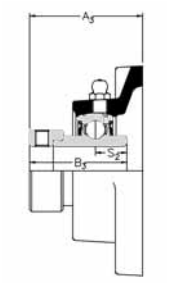
Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix ‘T’, e.g. TSF25.



SF-A



SF-EC

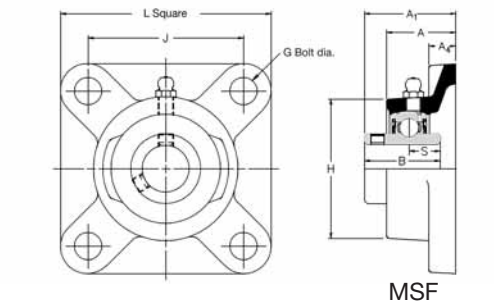


SF-DEC

	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
	39.01	–	9.5	27.38	–	28.63	–	11.58	6.53	–	9550	4800	7000	0.5
	42.42	45.54	11.1	31.00	25.80	31.03	43.73	12.73	7.53	17.13	12800	6650	6700	0.7
	42.42	45.95	11.1	34.10	27.30	31.03	44.43	14.33	7.53	17.53	14000	7880	6250	1.0
	46.66	50.90	12.7	38.10	31.20	35.73	48.43	15.93	9.03	18.33	19500	11300	5300	1.3
	50.34	53.31	12.7	42.90	34.90	38.93	51.13	17.53	9.53	18.83	25700	15300	4500	1.7
	56.52	58.90	12.7	49.20	41.20	43.73	56.33	19.03	11.03	21.43	32500	19900	4000	2.2
	56.62	58.90	14.3	49.20	41.20	43.73	56.33	19.03	11.03	21.43	32500	20500	3700	2.6
	60.60	66.07	14.3	51.60	43.50	43.73	62.73	19.04	11.04	24.64	35000	23200	3400	2.8
	–	74.57	17.5	55.60	–	–	71.42	22.24	–	27.84	43500	29200	3100	4.0
	–	80.77	17.5	65.10	–	–	77.84	25.44	–	31.04	48000	33000	2800	4.7
	–	80.77	18.0	65.10	–	–	85.74	25.44	–	34.14	57500	40000	2600	4.7
	–	84.86	18.0	74.60	–	–	85.74	30.24	–	34.14	61000	45000	2450	6.8
	–	91.21	23.0	77.80	–	–	92.14	33.34	–	37.34	66000	49500	2300	8.6

Self-Lube® cast iron flange bearing units

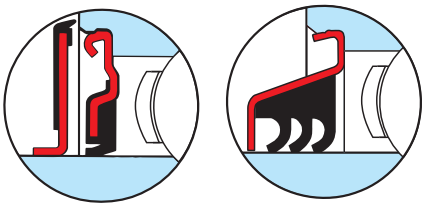
MSF Series



MSF

Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions (mm)			
mm	inches				L	H	J	
25	1	**MSF25** **MSF1**	1030	1	108.0	82.6	82.50	
30	1 3/16 1 1/4	**MSF30** **MSF1 3/16** **MSF1 1/4**	1035	2	117.5	95.3	92.00	
35	1 3/8 1 7/16	**MSF35** **MSF1 3/8** **MSF1 7/16**	1040	3	130.2	101.6	101.50	
40	1 1/2	**MSF40** **MSF1 1/2**	1045	4	136.5	111.1	105.00	
45	1 11/16 1 3/4	**MSF45** **MSF1 11/16** **MSF1 3/4**	1050	5	142.9	115.9	111.00	
50	1 7/8 1 15/16 2	**MSF50** **MSF1 7/8** **MSF1 15/16** **MSF2**	1055	6	161.9	127.0	130.00	
55	2 3/16 2 1/4	**MSF55** **MSF2 3/16** **MSF2 1/4**	1060	7	174.5	138.1	143.00	
60	2 7/16 2 1/2	**MSF60** **MSF2 7/16** **MSF2 1/2**	1070	8	187.6	155.5	149.22	
65 70	2 11/16 2 3/4	**MSF65** **MSF70** **MSF1 11/16** **MSF2 3/4**	1075	9	196.5	158.5	152.40	
75	2 15/16 3	**MSF75** **MSF2 15/16** **MSF3**	1080	10	196.5	173.5	152.40	
80	3 3/16 3 1/4	**MSF80** **MSF3 3/16** **MSF3 1/4**	1085	11	213.5	184.0	171.45	
85 90	3 7/16 3 1/2	**MSF85** **MSF90** **MSF3 7/16** **MSF3 1/2**	1090	12	213.5	196.5	171.45	
95 100	3 15/16 4	**MSF95** **MSF100** **MSF3 15/16** **MSF4**	3095	13	267.5	235.5	211.12	

Please check availability



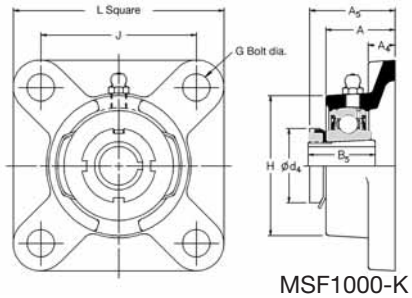
Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix ‘FS’, e.g. MSF35FS.

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. TMSF35.

	Dimensions (mm)						ISO load ratings		Rec max. speed	Mass (approx.)
	G	A	A1	A4	B	s	dynamic Cr newtons	static Cor newtons	rev/min	kg
	10	29.8	42.21	12.7	38.10	15.93	19500	11300	5300	1.3
	12	31.4	46.41	12.7	42.90	17.53	25700	15300	4500	1.7
	12	34.9	54.18	12.7	49.20	19.03	32500	19900	4000	2.2
	16	35.3	54.18	14.3	49.20	19.03	32500	20500	3700	2.6
	16	39.7	60.53	14.3	51.60	19.04	35000	23200	3400	2.8
	16	43.7	64.31	17.5	55.60	22.24	43500	29200	3100	4.0
	16	47.6	73.69	17.5	65.10	25.44	48000	33000	2800	4.7
	16	47.6	77.20	18.0	74.60	30.24	61000	45000	2450	6.8
	20	51.3	80.90	23.0	77.80	33.34	66000	49500	2300	8.6
	20	55.0	88.87	23.0	82.60	33.34	71500	54500	2150	9.3
	20	54.3	89.64	26.0	85.70	34.15	83000	64000	2000	11.1
	20	61.7	100.76	26.0	96.00	39.74	96000	71500	1900	13.2
	24	83.5	126.95	32.0	117.48	49.31	157000	122000	1600	24.7

Self-Lube® cast iron flange bearing units with adapter sleeves

MSF 1000-K Series



MSF1000-K

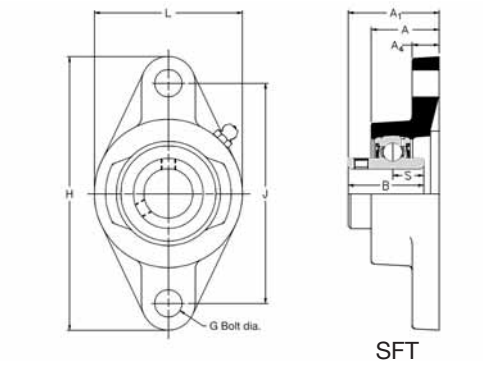
Shaft diameter		RHP designation complete unit	Sleeve, nut & lockwasher only	Unit without sleeve, nut & lockwasher	Basic bearing	Casting group insert	Dimensions (mm)			
mm	inches						L	H	J	
20		**MSF1025-20K**	**H305**	**MSF1025K**	1025	SF3	95.3	68.0	70.0	
	¾	**MSF1025-¾K**	**HE305¾**							
25		**MSF1030-25K**	**H306**	**MP1030K**	1030	1	108.0	82.6	82.5	
	15/16	**MSF1030-15/16K**	**HE306-15/16**							
	1	**MSF1030-1K**	**HE306-1**							
30		**MSF1035-30K**	**H307**	**MP1035K**	1035	2	117.5	95.3	92.0	
	1⅛	**MSF1035-1⅛K**	**HE307-1⅛**							
	1 3/16	**MSF1035-1 3/16K**	**HE307-1 3/16**							
35		**MSF1040-35K**	**H308**	**MP1040K**	1040	3	130.2	101.6	101.5	
	1¼	**MSF1040-1¼K**	**HE308-1¼**							
	1⅜	**MSF1040-1⅜K**	**HE308-1⅜**							
40		**MSF1045-40K**	**H309**	**MP1045K**	1045	4	136.5	111.1	105.0	
	1 7/16	**MSF1045-1 7/16K**	**HE309-1 7/16**							
	1½	**MSF1045-1½K**	**HE309-1½**							
45		**MSF1050-45K**	**H310**	**MP1050K**	1050	5	142.9	115.9	111.0	
	1 11/16	**MSF1050-1 11/16K**	**HE310-1 11/16**							
	1¾	**MSF1050-1¾K**	**HE310-1¾**							
50		**MSF1055-50K**	**H311**	**MP1055K**	1055	6	161.9	127.0	130.0	
	1 15/16	**MSF1055-1 15/16K**	**HE311-1 15/16**							
	2	**MSF1055-2K**	**HE311-2**							

Please check availability

	Dimensions (mm)						ISO load ratings		Rec max. speed	Mass (approx.)
	G	A	A4	A5	B5	d4	dynamic Cr newtons	static Cor newtons	rev/min	kg
	10	28.6	11.1	36.5	29.0	38.0	14000	7880	6250	1.0
	10	29.8	12.7	38.0	31.0	45.0	19500	11300	5300	1.3
	12	31.4	12.7	40.5	35.0	52.0	25700	15300	4500	1.7
	12	34.9	12.7	45.0	36.0	58.0	32500	19900	4000	2.2
	16	35.3	14.3	46.5	39.0	65.0	32500	20500	3700	2.6
	16	39.7	14.3	52.0	42.0	70.0	35000	23200	3400	2.8
	16	43.7	17.5	55.5	45.0	75.0	43500	29200	3100	4.0

Self-Lube® cast iron flange bearing units

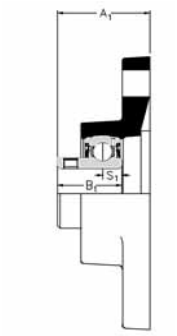
SFT Series



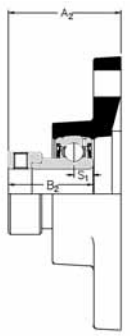
SFT

Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)						
mm	inches							L	H	J	G	A	A1	
12		**SFT12**		**SFT12EC**		1017	1	52.5	98.5	76.50	10	24.6	32.87	
15		**SFT15**		**SFT15EC**										
16		**SFT16**		**SFT16EC**										
17		**SFT17**		**SFT17A**										
	½	**SFT½**		**SFT½EC**										
	⅝	**SFT⅝**		**SFT⅝EC**										
20		**SFT20**	**SFT20A**	**SFT20EC**	**SFT20DEC**	1020	2	60.3	111.9	90.00	10	27.8	37.26	
	¾	**SFT¾**	**SFT¾A**	**SFT¾EC**	**SFT¾DEC**									
25		**SFT25**	**SFT25A**	**SFT25EC**	**SFT25DEC**	1025	3	70.0	125.5	99.00	10	28.6	38.84	
	⅞	**SFT⅞**		**SFT⅞EC**	**SFT⅞DEC**									
	15/16	**SFT15/16**		**SFT15/16EC**	**SFT15/16DEC**									
	1	**SFT1**	**SFT1A**	**SFT1EC**	**SFT1DEC**									
30		**SFT30**	**SFT30A**	**SFT30EC**	**SFT30DEC**	1030	4	82.6	141.3	116.50	10	29.8	42.21	
	1⅛	**SFT1⅛**		**SFT1⅛EC**	**SFT1⅛DEC**									
	1 3/16	**SFT1 3/16**		**SFT1 3/16EC**	**SFT1 3/16DEC**									
	1¼	**SFT1¼R**	**SFT1¼AR**	**SFT1¼ECR**	**SFT1¼DECR**									
35		**SFT35**	**SFT35A**	**SFT35EC**	**SFT35DEC**	1035	5	95.5	155.5	130.00	12	31.4	46.41	
	1¼	**SFT1¼**	**SFT1¼A**	**SFT1¼EC**	**SFT1¼DEC**									
	1⅜	**SFT1⅜**		**SFT1⅜EC**	**SFT1⅜DEC**									
	1 7/16	**SFT1 7/16**		**SFT1 7/16EC**	**SFT1 7/16DEC**									
40		**SFT40**	**SFT40A**	**SFT40EC**	**SFT40DEC**	1040	6	104.5	171.4	143.50	12	34.9	54.18	
	1½	**SFT1½**	**SFT1½A**	**SFT1½EC**	**SFT1½DEC**									
45		**SFT45**	**SFT45A**	**SFT45EC**	**SFT45DEC**	1045	7	111.1	179.4	148.50	16	35.3	54.18	
	1⅝	**SFT1⅝**		**SFT1⅝EC**	**SFT1⅝DEC**									
	1 11/16	**SFT1 11/16**		**SFT1 11/16EC**	**SFT1 11/16DEC**									
	1¾	**SFT1¾**	**SFT1¾A**	**SFT1¾EC**	**SFT1¾DEC**									
50		**SFT50**	**SFT50A**	**SFT50EC**	**SFT50DEC**	1050	8	115.9	188.9	157.00	16	39.7	60.53	
	1⅞	**SFT1⅞**		**SFT1⅞EC**	**SFT1⅞DEC**									
	1 15/16	**SFT1 15/16**		**SFT1 15/16EC**	**SFT1 15/16DEC**									
	2	**SFT2R**												
55		**SFT55**			**SFT55DEC**	1055	9	127.0	215.9	184.00	16	43.7	64.31	
	2	**SFT2**			**SFT2DEC**									
	2⅛	**SFT2⅛**			**SFT2⅛DEC**									
	2 3/16	**SFT2 3/16**			**SFT2 3/16DEC**									
60		**SFT60**			**SFT60DEC**	1060	10	138.1	235.0	202.00	16	47.6	73.69	
	2¼	**SFT2¼**			**SFT2¼DEC**									
	2⅜	**SFT2⅜**			**SFT2⅜DEC**									
	2 7/16	**SFT2 7/16**			**SFT2 7/16DEC**									

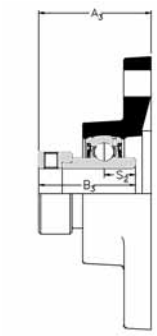
Please check availability



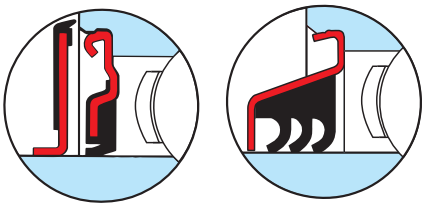
SFT-A



SFT-EC



SFT-DEC



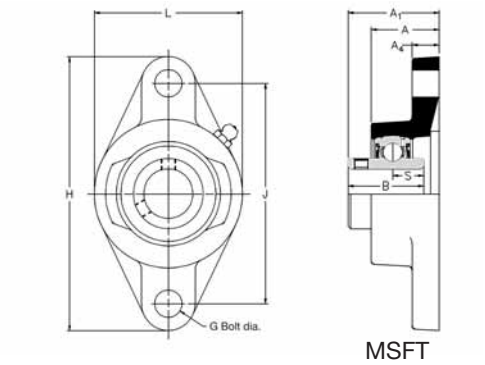
Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix ‘FS’, e.g. SFT25FS.

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. TSFT25.

	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
	39.01	–	9.5	27.38	–	28.63	–	11.58	6.53	–	9550	4800	7000	0.4
	42.42	45.54	11.1	31.00	25.80	31.03	43.73	12.73	7.53	17.13	12800	6650	6700	0.6
	42.42	45.95	11.1	34.10	27.30	31.03	44.43	14.33	7.53	17.53	14000	7880	6520	0.9
	46.66	50.09	12.7	38.10	31.20	35.73	48.43	15.93	9.03	18.33	19500	11300	5300	1.1
	50.34	53.34	12.7	42.90	34.90	38.93	51.13	17.53	9.53	18.83	25700	15300	4500	1.4
	56.62	58.90	12.7	49.20	41.20	43.73	56.33	19.03	11.03	21.43	32500	19900	4000	1.9
	56.62	58.90	14.3	49.20	41.20	43.73	56.33	19.04	11.03	21.43	32500	20500	3700	2.2
	60.60	66.07	14.3	51.60	43.50	43.73	62.73	19.04	11.04	24.64	35000	23200	3400	2.5
	–	74.57	17.5	55.60	–	–	71.42	22.24	–	27.84	43500	29200	3100	3.5
	–	80.77	17.5	65.10	–	–	77.84	25.44	–	31.04	48000	33000	2800	4.3

Self-Lube® cast iron flange bearing units

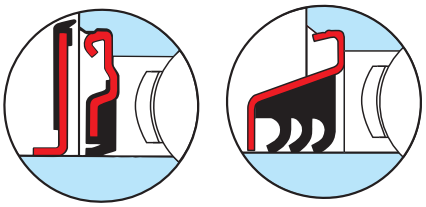
MSFT Series



MSFT

Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions (mm)			
mm	inches				L	H	J	
25		**MSFT25**	1030	1	82.6	141.3	116.50	
	1	**MSFT1**						
30		**MSFT30**	1035	2	95.5	155.5	130.00	
	1 3/16	**MSFT1 3/16**						
	1 1/4	**MSFT1 1/4**						
35		**MSFT35**	1040	3	101.6	171.4	143.50	
	1 3/8	**MSFT1 3/8**						
	1 7/16	**MSFT1 7/16**						
40		**MSFT40**	1045	4	111.1	179.4	148.50	
	1 1/2	**MSFT1 1/2**						
45		**MSFT45**	1050	5	115.9	188.9	157.00	
	1 11/16	**MSFT1 11/16**						
	1 3/4	**MSFT1 3/4**						
50		**MSFT50**	1055	6	127.0	215.9	184.00	
	1 7/8	**MSFT1 7/8**						
	1 15/16	**MSFT1 15/16**						
	2	**MSFT2**						
55		**MSFT55**	1060	7	138.1	235.0	202.00	
	2 3/16	**MSFT2 3/16**						

Please check availability



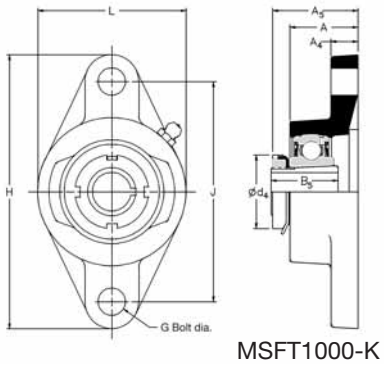
Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix ‘FS’, e.g. MSFT40FS.

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. TMSFT40.

	Dimensions (mm)						ISO load ratings		Rec max. speed	Mass (approx.)
	G	A	A1	A4	B	s	dynamic Cr newtons	static Cor newtons	rev/min	kg
	10	29.8	42.21	12.7	38.10	15.93	19500	11300	5300	1.1
	12	31.4	46.41	12.7	42.90	17.53	25700	15300	4500	1.4
	12	34.9	54.18	12.7	49.20	19.03	32500	19900	4000	1.9
	16	35.3	54.18	14.3	49.20	19.04	32500	20500	3700	2.2
	16	39.7	60.53	14.3	51.60	19.04	35000	23200	3400	2.5
	16	43.7	64.31	17.5	55.60	22.24	43500	29200	3100	3.5
	16	47.6	73.69	17.5	65.10	25.44	48000	33000	2800	4.3

Self-Lube® cast iron flange bearing units with adapter sleeves

MSFT 1000-K Series



MSFT1000-K

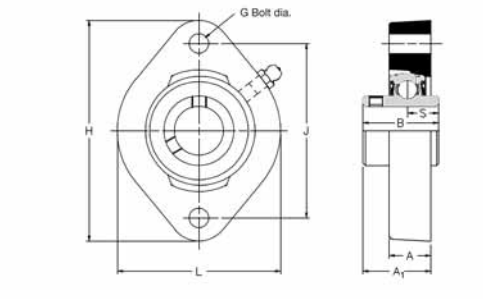
Shaft diameter		RHP designation complete unit	Sleeve, nut & lockwasher only	Unit without sleeve, nut & lockwasher	Basic bearing	Casting group insert	Dimensions (mm)			
mm	inches						L	H	J	
20		**MSFT1025-20K**	**H305**	**MSFT1025K**	1025	SFT3	68.3	123.8	99.0	
	3/4	**MSFT1025-3/4K**	**HE305-3/4**							
25		**MSFT1030-25K**	**H306**	**MSFT1030K**	1030	1	82.6	141.3	116.5	
	15/16	**MSFT1030-15/16K**	**HE306-15/16**							
	1	**MSFT1030-1K**	**HE306-1**							
30		**MSFT1035-30K**	**H307**	**MSFT1035K**	1035	2	95.5	155.5	130.0	
	1 1/8	**MSFT1035-1 1/8K**	**HE307-1 1/8**							
	1 3/16	**MSFT1035-1 3/16K**	**HE307-1 3/16**							
35		**MSFT1040-35K**	**H308**	**MSFT1040K**	1040	3	101.6	171.4	143.5	
	1 1/4	**MSFT1040-1 1/4K**	**HE308-1 1/4**							
	1 3/8	**MSFT1040-1 3/8K**	**HE308-1 3/8**							
40		**MSFT1045-40K**	**H309**	**MSFT1045K**	1045	4	111.1	179.4	148.5	
	1 7/16	**MSFT1045-1 7/16K**	**HE309-1 7/16**							
	1 1/2	**MSFT1045-1 1/2K**	**HE309-1 1/2**							
45		**MSFT1050-45K**	**H310**	**MSFT1050K**	1050	5	115.9	188.9	157.0	
	1 11/16	**MSFT1050-1 11/16K**	**HE310-1 11/16**							
	1 3/4	**MSFT1050-1 3/4K**	**HE310-1 3/4**							
50		**MSFT1055-50K**	**H311**	**MSFT1055K**	1055	6	127.0	215.9	184.0	
	1 15/16	**MSFT1055-1 15/16K**	**HE311-1 15/16**							
	2	**MSFT1055-2K**	**HE311-2**							

Please check availability

	Dimensions (mm)						ISO load ratings		Rec max. speed	Mass (approx.)
	G	A	A4	A5	B5	d4	dynamic Cr newtons	static Cor newtons	rev/min	kg
	10	28.6	11.1	36.5	29.0	38.0	14000	7880	6250	0.9
	10	29.8	12.7	38.0	31.0	45.0	19500	11300	5300	1.1
	12	31.4	12.7	40.5	35.0	52.0	25700	15300	4500	1.4
	12	34.9	12.7	45.0	36.0	58.0	32500	19900	4000	1.9
	16	35.3	14.3	46.5	39.0	65.0	32500	20500	3700	2.2
	16	39.7	14.3	52.0	42.0	70.0	35000	23200	3400	2.5
	16	43.7	17.5	55.5	45.0	75.0	43500	29200	3100	3.5

Self-Lube® cast iron flange bearing units

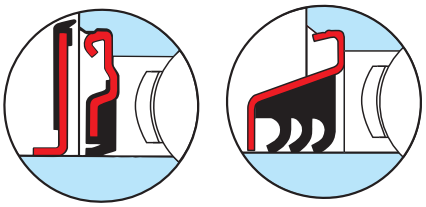
LFTC Series

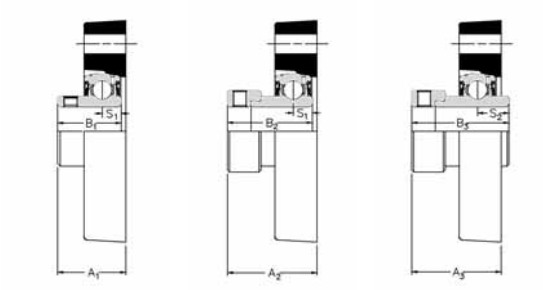


LFTC

Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)					
mm	inches							L	H	J	G	A	
12		**LFTC12**		**LFTC12EC**		1017	1	58.5	81.0	63.5	6.0	15.0	
15		**LFTC15**		**LFTC15EC**									
16		**LFTC16**		**LFTC16EC**									
17		**LFTC17**		**LFTC17EC**									
	½	**LFTC½**		**LFTC½EC**									
	⅝	**LFTC⅝**		**LFTC⅝EC**									
20		**LFTC20**	**LFTC20A**	**LFTC20EC**	**LFTC20DEC**	1020	2	66.5	90.5	71.5	8.0	17.0	
	¾	**LFTC¾**	**LFTC¾A**	**LFTC¾EC**	**LFTC¾DEC**								
25		**LFTC25**	**LFTC25A**	**LFTC25EC**	**LFTC25DEC**	1025	3	71.0	96.0	76.0	8.0	17.5	
	⅞	**LFTC⅞**		**LFTC⅞EC**	**LFTC⅞DEC**								
	15/16	**LFTC15/16**		**LFTC15/16EC**	**LFTC15/16DEC**								
	1	**LFTC1**	**LFTC1A**	**LFTC1EC**	**LFTC1DEC**								
30		**LFTC30**	**LFTC30A**	**LFTC30EC**	**LFTC30DEC**	1030	4	84.0	112.0	90.5	10.0	20.5	
	1⅛	**LFTC1⅛**		**LFTC1⅛EC**	**LFTC1⅛DEC**								
	1 3/16	**LFTC1 3/16**		**LFTC1 3/16EC**	**LFTC1 3/16DEC**								
	1¼	**LFTC1¼**	**LFTC1¼A**	**LFTC1¼EC**	**LFTC1¼DEC**								
35		**LFTC35**	**LFTC 35A**	**LFTC35EC**	**LFTC35DEC**	1035	5	93.0	125.0	100.0	10.0	22.0	
	1¼	**LFTC1¼L**	**LFTC1¼AL**	**LFTC1¼ECL**	**LFTC1¼DECL**								
	1⅜	**LFTC1⅜**		**LFTC1⅜EC**	**LFTC1⅜DEC**								
	1 7/16	**LFTC1 7/16**		**LFTC1 7/16EC**	**LFTC1 7/16DEC**								

Please check availability





LFTC-A LFTC-EC LFTC-DEC

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. LFTC ⅞ FS.

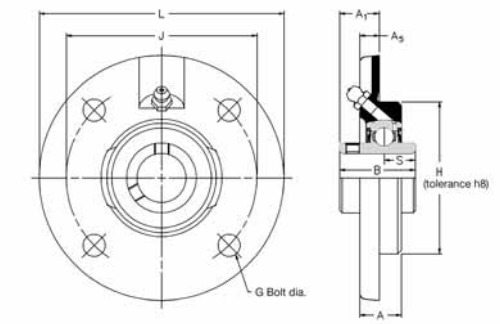
Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix ‘T’, e.g. TLFTC ⅞.

	Dimensions (mm)										ISO load ratings		Rec max. speed	Mass (approx.)
	A1	A2	A3	B	B1	B2	B3	s	s1	s2	dynamic Cr newtons	static Cor newtons	rev/min	kg
	24.27	30.43	–	27.38	–	28.63	–	11.58	6.53	–	9550	4800	7000	0.3
	27.76	32.92	36.04	31.00	25.80	31.03	43.73	12.73	7.53	17.13	12800	6650	6700	0.4
	29.24	32.82	36.35	34.00	27.30	31.03	44.43	14.33	7.53	17.53	14000	7880	6250	0.5
	33.62	38.07	41.50	38.10	31.20	35.73	48.43	15.93	9.03	18.33	19500	11300	5300	0.8
	37.80	41.74	44.71	42.90	34.90	38.93	51.13	17.53	9.53	18.83	25700	15300	4500	1.1

Self-Lube® cast iron flange cartridge bearing units

FC Series

For housing tolerances to suit spigot 'H' see page 21

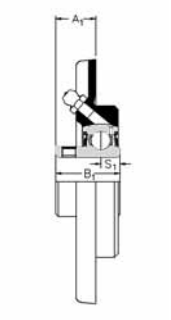


FC

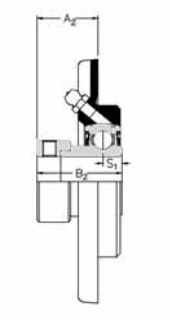
Note: Relubrication hole - M5 x 0.8 pitch

Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)						
								L	H	J	G	A	A1	
mm	inches													
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**									
	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	
	1⅛	**FC1⅛**		**FC1⅛C**	**FC1⅛DEC**									
	13⁄16	**FC13⁄16**		**FC13⁄16EC**	**FC13⁄16DEC**									
	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**									
	17⁄16	**FC17⁄16**		**FC17⁄16EC**	**FC17⁄16DEC**									
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**									
	111⁄16	**FC111⁄16**		**FC111⁄16EC**	**FC111⁄16DEC**									
	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**									
	115⁄16	**FC115⁄16**		**FC115⁄16EC**	**FC115⁄16DEC**									
	2	**FC2R**												
55		**FC55**			**FC55DEC**	1055	9	185.0	125.0	150.0	16	27.5	33.30	
	2	**FC2**			**FC2DEC**									
	2⅛	**FC2⅛**			**FC2⅛DEC**									
	23⁄16	**FC23⁄16**			**FC23⁄16DEC**									
60		**FC60**			**FC60DEC**	1060	10	195.0	135.0	160.0	16	29.0	38.65	
	2¼	**FC2¼**			**FC2¼DEC**									
	2⅜	**FC2⅜**			**FC2⅜DEC**									
	27⁄16	**FC27⁄16**			**FC27⁄16DEC**									

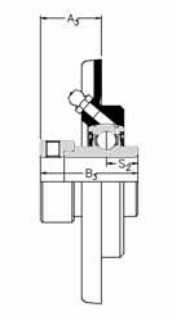
Please check availability



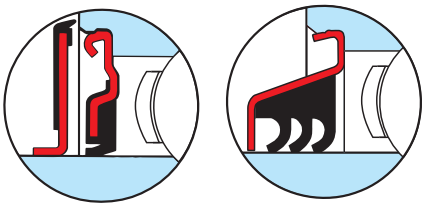
FC-A



FC-EC



FC-DEC



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.

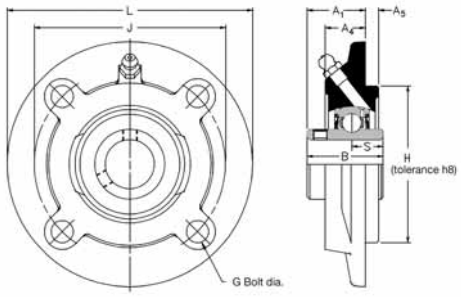
Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix ‘T’, e.g. TFC40.

	Dimensions (mm)										ISO load ratings		Rec max. speed	Mass (approx.)
	A2	A3	A5	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	11.04	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

Self-Lube® cast iron flange cartridge bearing units

MFC Series

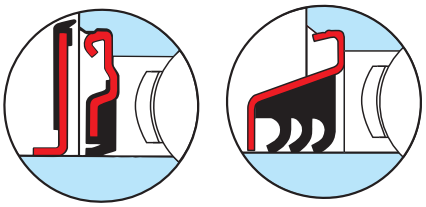
For housing tolerances to suit spigot 'H' see page 21



MFC

Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions (mm)			
mm	inches				L	H	J	
25		**MFC25**	1030	1	111.1	76.2	92.1	
	1	**MFC1**						
	1¼	**MFC1¼R**						
30		**MFC30**	1035	2	127.0	85.7	104.8	
	1³⁄₁₆	**MFC1³⁄₁₆**						
	1¼	**MFC1¼**						
35		**MFC35**	1040	3	133.4	92.1	111.1	
40		**MFC40**						
	1⅜	**MFC1⅜**						
	1⁷⁄₁₆	**MFC1⁷⁄₁₆**						
	1½	**MFC1½**						
45		**MFC45**	1050	4	155.6	108.0	130.2	
	1¹¹⁄₁₆	**MFC1¹¹⁄₁₆**						
	1¾	**MFC1¾**						
	2	**MFC2R**						
50		**MFC50**	1055	5	161.9	114.3	136.5	
	1⅞	**MFC1⅞**						
	1¹⁵⁄₁₆	**MFC1¹⁵⁄₁₆**						
	2	**MFC2**						
55		**MFC55**	1060	6	181.0	127.0	152.4	
	2³⁄₁₆	**MFC2³⁄₁₆**						
	2¼	**MFC2¼**						
60		**MFC60**	1070	7	193.7	139.7	165.1	
65		**MFC65R**						
	2⁷⁄₁₆	**MFC2⁷⁄₁₆**						
	2½	**MFC2½**						
65		**MFC65R**	1075	8	222.2	161.9	190.5	
70		**MFC70**						
	2¹¹⁄₁₆	**MFC2¹¹⁄₁₆**						
	2¾	**MFC2¾**						
75		**MFC75**	1080	9	222.2	161.9	190.5	
80		**MFC80**						
	2¹⁵⁄₁₆	**MFC2¹⁵⁄₁₆**						
	3	**MFC3**						
	3¼	**MFC3¼**						
85		**MFC85**	1090	10	260.4	187.3	219.1	
90		**MFC90**						
	3⁷⁄₁₆	**MFC3⁷⁄₁₆**						
	3½	**MFC3½**						
95		**MFC95**	3095	11	298.4	228.6	260.4	
100		**MFC100**						
	3¹⁵⁄₁₆	**MFC3¹⁵⁄₁₆**						
	4	**MFC4**						

Please check availability



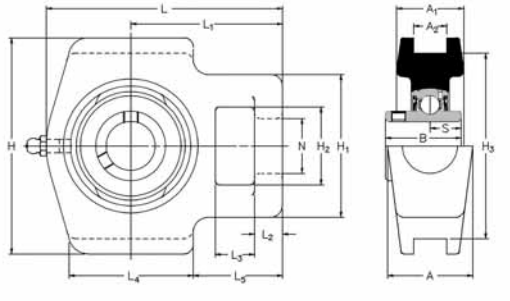
Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix ‘FS’, e.g. MFC30FS.

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. TMFC30.

	Dimensions (mm)						ISO load ratings		Rec max. speed	Mass (approx.)
	G	A1	A4	A5	B	s	dynamic Cr newtons	static Cor newtons	rev/min	kg
	8	33.32	21.0	6.4	38.10	15.93	19500	11300	5300	1.4
	10	33.32	19.0	6.4	42.90	17.53	25700	15300	4500	1.5
	10	38.10	19.0	6.4	49.20	19.03	32500	19900	4000	1.9
	10	39.67	19.0	6.4	51.60	19.04	35000	23200	3400	2.7
	10	39. 67	19.0	6.4	55.60	22.24	43500	29200	3100	3.0
	12	42.85	15.9	9.5	65.10	25.44	48000	33000	2800	3.4
	12	46.02	15.9	12.7	74.60	30.24	61000	45000	2450	4.5
	16	50.80	21.0	12.7	77.80	33.34	66000	49500	2300	5.9
	16	50.80	16.7	12.7	82.60	33.34	71500	54500	2150	5.4
	20	67.46	29.4	12.7	96.00	39.74	96000	71500	1900	9.8
	20	88.90	46.0	12.7	117.48	49.31	157000	122000	1600	17.7

Self-Lube® cast iron take-up bearing units

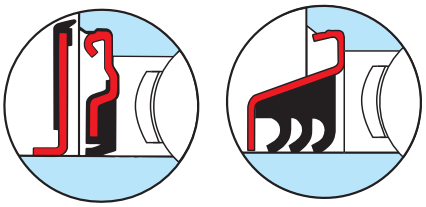
ST Series



ST

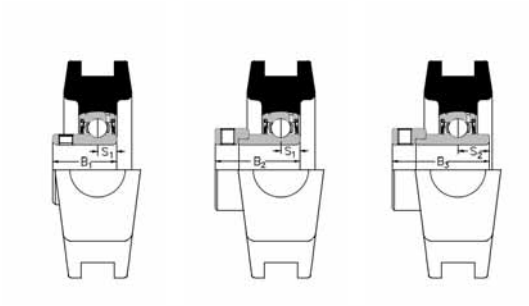
Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)							
mm	inches							L	L1	L2	L3	L4	L5	H	
20		**ST20**	**ST20A**	**ST20EC**	**ST20DEC**	1020	2	96.5	62.0	11.5	16.0	50.5	36.5	88.5	
	¾	**ST¾**	**ST¾A**	**ST¾EC**	**ST¾DEC**										
25		**ST25**	**ST25A**	**ST25EC**	**ST25DEC**	1025	3	98.0	62.0	11.5	16.0	50.5	36.5	88.5	
	⅞	**ST⅞**		**ST⅞EC**	**ST⅞DEC**										
	15/16	**ST15/16**		**ST15/16EC**	**ST15/16DEC**										
	1	**ST1**	**ST1A**	**ST1EC**	**ST1DEC**										
30		**ST30**	**ST30A**	**ST30EC**	**ST30DEC**	1030	4	115.5	71.7	12.5	16.5	64.5	43.0	101.5	
	1⅛	**ST1⅛**		**ST1⅛EC**	**ST1⅛DEC**										
	1 3/16	**ST1 3/16**		**ST1 3/16EC**	**ST1 3/16DEC**										
	1¼	**ST1¼R**	**ST1¼AR**	**ST1¼ECR**	**ST1¼DECR**										
35		**ST35**	**ST35A**	**ST35EC**	**ST35DEC**	1035	5	124.0	75.5	12.5	16.5	64.5	43.0	101.5	
	1¼	**ST1¼**	**ST1¼A**	**ST1¼EC**	**ST1¼DEC**										
	1⅜	**ST1⅜**		**ST1⅜EC**	**ST1⅜DEC**										
	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	
	1½	**ST1½**	**ST1½A**	**ST1½EC**	**ST1½DEC**										
45		**ST45**	**ST45A**	**ST45EC**	**ST45DEC**	1045	7	147.0	89.2	15.5	20.5	81.5	50.5	118.0	
	1⅝	**ST1⅝**		**ST1⅝EC**	**ST1⅝DEC**										
	1 11/16	**ST1 11/16**		**ST1 11/16EC**	**ST1 11/16DEC**										
	1¾	**ST1¾**	**ST1¾**	**ST1¾EC**	**ST1¾DEC**										
50		**ST50**	**ST50**	**ST50EC**	**ST50DEC**	1050	8	151.0	90.5	15.5	20.5	81.5	50.5	118.0	
	1⅞	**ST1⅞**		**ST1⅞EC**	**ST1⅞DEC**										
	1 15/16	**ST1 15/16**		**ST1 15/16EC**	**ST1 15/16DEC**										
	2	**ST2R**													
55		**ST55**			**ST55DEC**	1055	9	182.0	114.0	19.0	32.0	97.5	70.0	146.0	
	2	**ST2**			**ST2DEC**										
	2⅛	**ST2⅛**			**ST2⅛DEC**										
	2 3/16	**ST2 3/16**			**ST2 3/16DEC**										
60		**ST60**			**ST60DEC**	1060	10	192.0	119.0	19.0	32.0	97.5	70.0	146.0	
	2¼	**ST2¼**			**ST2¼DEC**										
	2⅜	**ST2⅜**			**ST2⅜DEC**										
	2 7/16	**ST2 7/16**			**ST2 7/16DEC**										
65		**ST65**			**ST65DEC**	1070	11	222.5	137.5	21.5	32.0	120.5	77.0	166.5	
70		**ST70**			**ST70DEC**										
	2½	**ST2½**			**ST2½DEC**										
	2 11/16	**ST2 11/16**			**ST2 11/16DEC**										
75		**ST75**			**ST75DEC**	1075	12	222.5	137.5	21.5	32.0	120.5	77.0	166.5	
	2¾	**ST2¾**			**ST2¾DEC**										
	2⅞	**ST2⅞**			**ST2⅞DEC**										
	2 15/16	**ST2 15/16**			**ST2 15/16DEC**										
80		**ST80**				1080	13	231.5	139.5	20.5	32.0	125.0	74.0	184.0	
	3	**ST3**													
	3 3/16	**ST3 3/16**													
85		**ST85**				1085	14	260.5	162.0	28.5	38.0	140.0	90.5	198.5	
	3¼	**ST3¼**													
	3⅜	**ST3⅜**													
	3 7/16	**ST3 7/16**													

Please check availability



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. ST45FS.

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. TST45.

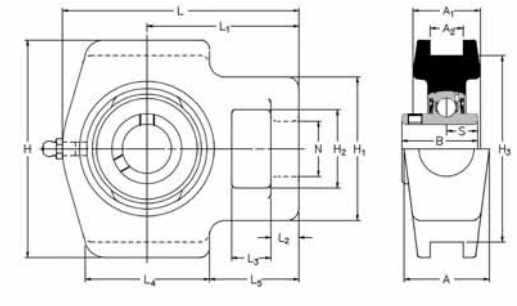


ST-A ST-EC ST-DEC

Dimensions (mm)														ISO load ratings		Rec max. speed	Mass (approx.)
H1	H2	H3	N	A	A1	A2	B	B1	B2	B3	s	s1	s2	dynamic Cr newtons	static Cor newtons	rev/min	kg
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	11.04	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	11.04	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

Self-Lube® cast iron take-up bearing units

MST Series

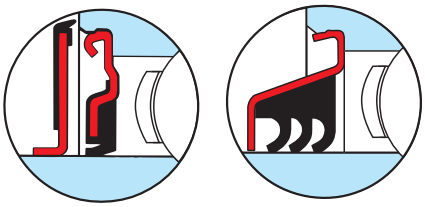


MST

Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions (mm)						
mm	inches				L	L1	L2	L3	L4	L5	
25	1	**MST25** **MST1**	1030	1	115.5	71.7	12.5	16.5	64.5	43.0	
30	1 3/16 1 1/4	**MST30** **MST1 3/16** **	1035	2	124.0	75.5	12.5	16.5	64.5	43.0	
35	1 3/8 1 7/16	**MST35** **MST1 3/8** **MST1 7/16**	1040	3	143.5	89.2	15.5	20.5	81.5	50.5	
40	1 1/2	**MST40** **MST1 1/2**	1045	4	147.0	89.2	15.5	20.5	81.5	50.5	
45	1 11/16 1 3/4	**MST45** **MST1 11/16** **MST1 3/4**	1050	5	151.0	90.5	15.5	20.5	81.5	50.5	
50	1 7/8 1 15/16 2	**MST50** **MST1 7/8** **MST1 15/16** **	1055	6	182.0	114.0	19.0	32.0	97.5	70.0	
55	2 3/16 2 1/4	**MST55** **MST2 3/16** **	1060	7	192.0	119.0	19.0	32.0	97.5	70.0	
60	2 7/16 2 1/2	**MST60** **MST2 7/16** **	1070	8	222.5	137.5	21.5	32.0	120.5	77.0	
65 70	2 11/16 2 3/4	**MST65** **MST70** **MST2 11/16** **	1075	9	222.5	137.5	21.5	32.0	120.5	77.0	
75	2 15/16 3	**MST75** **MST2 15/16** **	1080	10	231.5	139.5	20.5	32.0	125.0	74.0	
80	3 3/16 3 1/4	**MST80** **MST3 3/16** **	1085	11	260.5	162.0	28.5	38.0	140.0	90.5	
85 90	3 7/16 3 1/2	**MST85** **MST90** **MST3 7/16** **MST3 1/2**	1090	12	270.0	165.0	28.5	38.0	152.5	90.0	
95 100	3 15/16 4	**MST95** **MST100** **MST3 15/16** **MST4**	3095	13	317.5	190.5	32.0	38.0	175.0	103.0	

Please check availability

** For these bore sizes select from ST series (see page 56)



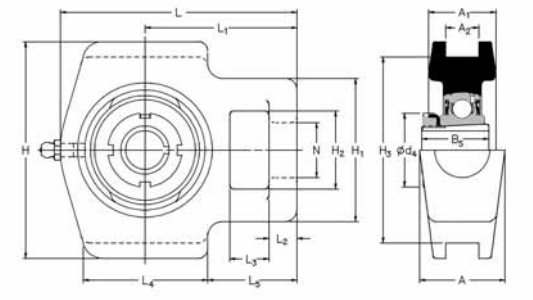
Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix ‘FS’, e.g. MST35FS.

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. TMST35.

	Dimensions (mm)										ISO load ratings		Rec max. speed	Mass (approx.)
	H	H1	H2	H3	N	A	A1	A2	B	s	dynamic Cr newtons	static Cor newtons	rev/min	kg
	101.5	64.5	37.5	89.0	22.5	36.5	30.0	13.50	38.10	15.93	19500	11300	5300	1.6
	101.5	64.5	37.5	89.0	22.5	36.5	30.0	13.50	42.90	17.53	25700	15300	4500	1.6
	118.0	82.5	49.5	101.0	29.0	49.5	37.0	17.50	49.20	19.03	32500	19900	4000	2.7
	118.0	82.5	49.5	101.0	29.0	49.5	37.0	17.50	49.20	19.04	32500	20500	3700	2.8
	118.0	82.5	49.5	101.0	29.0	49.5	37.0	17.50	51.60	19.04	35000	23200	3400	2.8
	146.0	101.0	64.0	130.0	35.0	63.5	46.5	27.00	55.60	22.24	43500	29200	3100	4.2
	146.0	101.0	64.0	130.0	35.0	63.5	46.5	27.00	65.10	25.44	48000	33000	2800	5.4
	166.5	113.0	70.0	150.8	42.0	70.0	50.5	27.00	74.60	30.24	61000	45000	2450	7.9
	166.5	113.0	70.0	150.8	42.0	70.0	50.5	27.00	77.80	33.34	66000	49500	2300	8.4
	184.0	113.0	70.0	165.1	42.0	70.0	54.0	27.00	82.60	33.34	71500	54500	2150	9.0
	198.5	124.0	73.0	173.0	47.5	79.5	68.5	46.05	85.70	34.15	83000	64000	2000	13.7
	216.0	127.0	73.0	190.5	47.5	79.5	68.5	46.05	96.00	39.74	96000	71500	1900	16.8
	260.5	152.5	85.5	235.0	54.5	98.5	82.5	55.55	117.48	49.31	157000	122000	1600	22.2

Self-Lube® cast iron take-up bearing units with adapter sleeves

MST 1000-K Series



MST1000-K

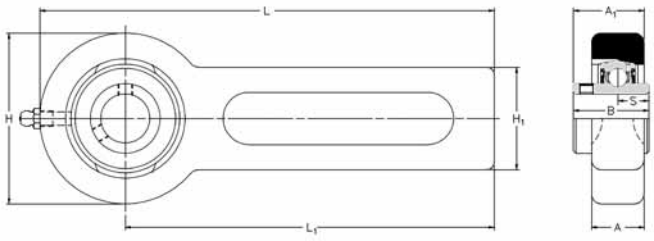
Shaft diameter		RHP designation complete unit	Sleeve, nut & lockwasher only	Units without sleeve, nut & lockwasher	Basic bearing	Casting group insert	Dimensions (mm)						
mm	inches						L	H	J	G	A	A1	
20		**MST1025-20K**	**H305**	**MST1025K**	1025	ST3	98.0	62.0	11.5	16.0	50.5	36.5	
	3/4	**MST1025-3/4K**	**HE305-3/4**										
25		**MST1030-25K**	**H306**	**MST1030K**	1030	1	115.5	71.7	12.5	16.5	64.5	43.0	
	15/16	**MST1030-15/16K**	**HE306-15/16**										
	1	**MST1030-1K**	**HE306-1**										
30		**MST1035-30K**	**H307**	**MST1035K**	1035	2	124.0	75.5	12.5	16.5	64.5	43.0	
	1 1/8	**MST1035-1 1/8K**	**HE307-1 1/8**										
	1 3/16	**MST1035-1 3/16K**	**HE307-1 3/16**										
35		**MST1040-35K**	**H308**	**MST1040K**	1040	3	143.5	89.2	15.5	20.5	81.5	50.5	
	1 1/4	**MST1040-1 1/4K**	**HE308-1 1/4**										
	1 3/8	**MST1040-1 3/8K**	**HE308-1 3/8**										
40		**MST1045-40K**	**H309**	**MST1045K**	1045	4	147.0	89.2	15.5	20.5	81.5	50.5	
	1 7/16	**MST1045-1 7/16K**	**HE309-1 7/16**										
	1 1/2	**MST1045-1 1/2K**	**HE309-1 1/2**										
45		**MST1050-45K**	**H310**	**MST1050K**	1050	5	151.0	90.5	15.5	20.5	81.5	50.5	
	1 11/16	**MST1050-1 11/16K**	**HE310-1 11/16**										
	1 3/4	**MST1050-1 3/4K**	**HE310-1 3/4**										
50		**MST1055-50K**	**H311**	**MST1055K**	1055	6	182.0	114.0	19.0	32.0	97.5	70.0	
	1 15/16	**MST1055-1 15/16K**	**HE3011-1 15/16**										
	2	**MST1055-2K**	**HE3011-2**										

Please check availability

	Dimensions (mm)										ISO load ratings		Rec max. speed	Mass (approx.)
	A2	A3	A5	B	B1	B2	B3	s	s1	s2	dynamic Cr newtons	static Cor newtons	rev/min	kg
	88.5	58.5	32.0	76.0	22.5	36.0	27.5	13.50	29.0	38.0	14000	7880	6250	1.0
	101.5	64.5	37.5	89.0	22.5	36.5	30.0	13.50	31.0	45.0	19500	11300	5300	1.6
	101.5	64.5	37.5	89.0	22.5	36.5	30.0	13.50	35.0	52.0	25700	15300	4500	1.6
	118.0	82.5	49.5	101.0	29.0	49.5	37.0	17.50	36.0	58.0	32500	19900	4000	2.7
	118.0	82.5	49.5	101.0	29.0	49.5	37.0	17.50	39.0	65.0	32500	20500	3700	2.8
	118.0	82.5	49.5	101.0	29.0	49.5	37.0	17.50	42.0	70.0	35000	23200	3400	2.8
	146.0	101.0	64.0	130.0	35.0	63.5	46.5	27.00	45.0	75.0	43500	29200	3100	4.2

Self-Lube® cast iron conveyor belt tensioner units

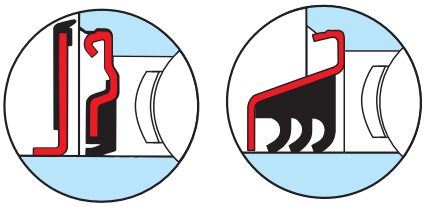
BT Series



BT

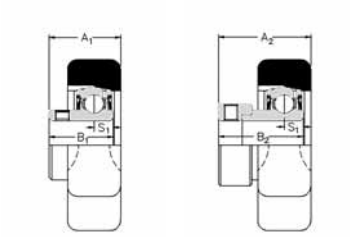
Shaft diameter		RHP designation			Basic bearing insert	Casting group	Dimensions (mm)				
mm	inches						H	H1	L	L1	
25		**BT25**	**BT25A**	**BT25EC**	1025	3	78.0	42.5	264.0	225.0	
	7/8	**BT7/8**		**BT7/8EC**							
	15/16	**BT15/16**		**BT15/16EC**							
	1	**BT1**	**BT1A**	**BT1EC**							
30		**BT30L**			1035	5	98.0	42.5	274.0	225.0	
35		**BT35**	**BT35A**	**BT35EC**							
	1 3/16	**BT1 3/16L**									
	1 1/4	**BT1 1/4**	**BT1 1/4A**	**BT1 1/4EC**							
	1 3/8	**BT1 3/8**		**BT1 3/8EC**							
	1 7/16	**BT1 7/16**		**BT1 7/16EC**							

Please check availability



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. BT35FS.

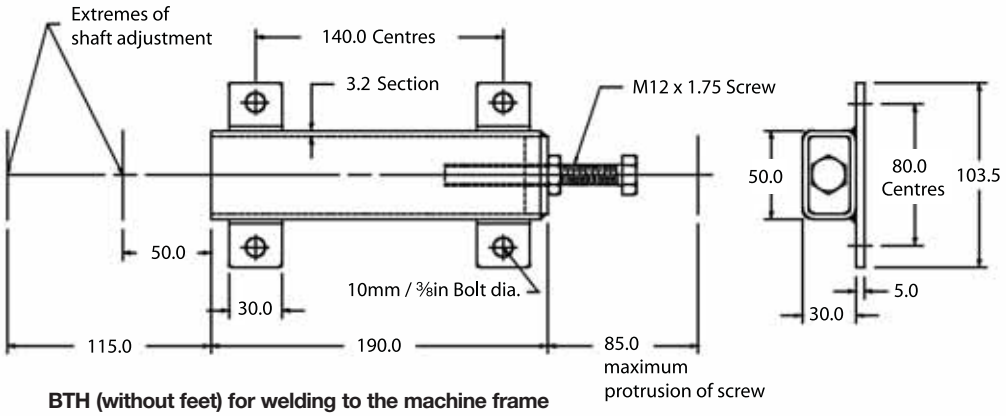
Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix 'T', e.g. TBT35.



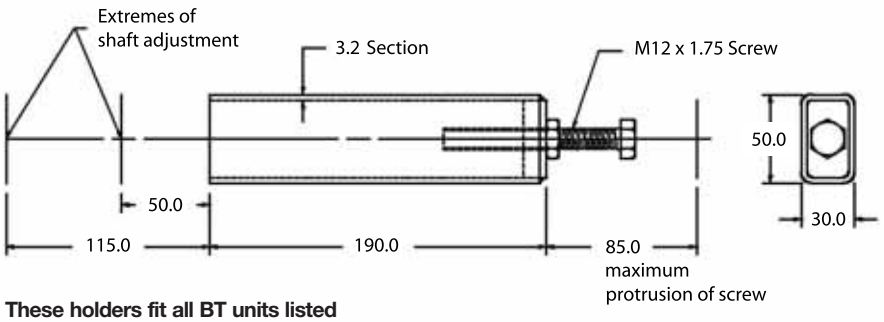
BT-A BT-EC

	Dimensions (mm)								ISO load ratings		Rec max. speed	Mass (approx.)
	A	A1	A2	B	B1	B2	s	s1	dynamic Cr newtons	static Cor newtons	rev/min	kg
	22.0	30.57	34.20	34.10	27.30	31.03	14.33	7.53	14000	7880	6250	1.8
	22.0	36.13	40.20	42.90	34.90	38.93	17.53	9.53	25700	15300	4500	2.3

BTHF (with feet) for bolting to the machine frame



BTH (without feet) for welding to the machine frame

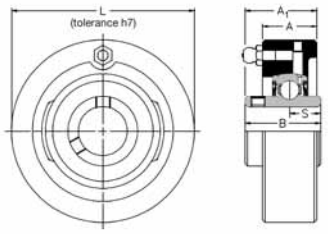


These holders fit all BT units listed

Self-Lube® cast iron cartridge bearing units

SLC Series

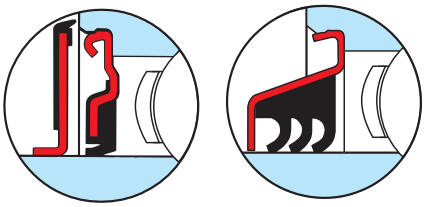
For housing tolerances to suit outside dia 'L' see page 21



SLC

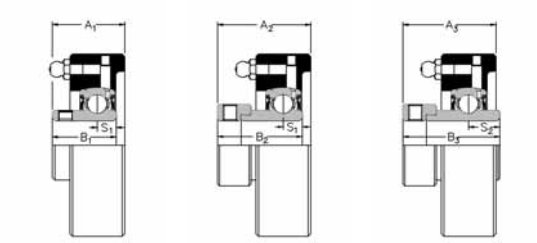
Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)			
mm	inches							L	A	A1	A2
12		**SLC12**		**SLC12EC**		1017	1	68.287	22.22	24.21	30.35
15		**SLC15**		**SLC15EC**							
16		**SLC16**		**SLC16EC**							
17		**SLC17**		**SLC17EC**							
	½	**SLC½**		**SLC½EC**							
	⅝	**SLC⅝**		**SLC⅝EC**							
20		**SLC20**	**SLC20A**	**SLC20EC**	**SLC20DEC**	1020	2	74.367	22.22	29.39	34.54
	¾	**SLC¾**	**SLC¾A**	**SLC¾EC**	**SLC¾DEC**						
25		**SLC25**	**SLC25A**	**SLC25EC**	**SLC25DEC**	1025	3	79.400	26.19	32.94	36.52
	⅞	**SLC⅞**		**SLC⅞EC**	**SLC⅞DEC**						
	15/16	**SLC15/16**		**SLC15/16EC**	**SLC15/16DEC**						
	1	**SLC1**	**SLC1A**	**SLC1EC**	**SLC1DEC**						
30		**SLC30**	**SLC30A**	**SLC30EC**	**SLC30DEC**	1030	4	88.925	27.78	36.12	40.56
	1⅛	**SLC1⅛**		**SLC1⅛EC**	**SLC1⅛DEC**						
	1 3/16	**SLC1 3/16**		**SLC1 3/16EC**	**SLC1 3/16DEC**						
	1¼	**SLC1¼R**	**SLC1¼AR**	**SLC1¼ECR**	**SLC1¼DECR**						
35		**SLC35**	**SLC35A**	**SLC35EC**	**SLC35DEC**	1035	5	98.450	30.96	40.87	44.81
	1¼	**SLC1¼**	**SLC1¼A**	**SLC1¼EC**	**SLC1¼DEC**						
	1⅜	**SLC1⅜**		**SLC1⅜EC**	**SLC1⅜DEC**						
	1 7/16	**SLC1 7/16**		**SLC1 7/16EC**	**SLC1 7/16DEC**						
40		**SLC40**	**SLC40A**	**SLC40EC**	**SLC40DEC**	1040	6	106.387	37.31	48.84	51.28
	1½	**SLC1½**	**SLC1½A**	**SLC1½EC**	**SLC1½DEC**						
45		**SLC45**	**SLC45A**	**SLC45EC**	**SLC45DEC**	1045	7	111.150	36.51	48.44	50.88
	1⅝	**SLC1⅝**		**SLC1⅝EC**	**SLC1⅝DEC**						
	1 11/16	**SLC1 11/16**		**SLC1 11/16EC**	**SLC1 11/16DEC**						
	1¾	**SLC1¾**	**SLC1¾A**	**SLC1¾EC**	**SLC1¾DEC**						
50		**SLC50**	**SLC50A**	**SLC50EC**	**SLC50DEC**	1050	8	115.913	37.31	51.18	51.28
	1⅞	**SLC1⅞**		**SLC1⅞EC**	**SLC1⅞DEC**						
	1 15/16	**SLC1 15/16**		**SLC1 15/16EC**	**SLC1 15/16DEC**						
	2	**SLC2R**									
55		**SLC55**			**SLC55DEC**	1055	9	125.437	40.48	53.57	–
	2	**SLC2**			**SLC2DEC**						
	2⅛	**SLC2⅛**			**SLC2⅛DEC**						
	2 3/16	**SLC2 3/16**			**SLC2 3/16DEC**						
60		**SLC60**			**SLC60DEC**	1060	10	149.250	41.28	60.30	–
	2¼	**SLC2¼**			**SLC2¼DEC**						
	2⅜	**SLC2⅜**			**SLC2⅜DEC**						
	2 7/16	**SLC2 7/16**			**SLC2 7/16DEC**						
65		**SLC65**				1065	10/65	149.250	41.28	60.30	–
	2½	**SLC2½**			**SLC2½DEC**						

Please check availability



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. SLC25FS.

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. TSLC25.



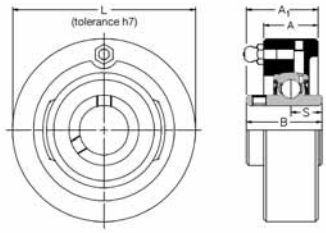
SLC-A SLC-EC SLC-DEC

	Dimensions (mm)								ISO load ratings		Rec max. speed	Mass (approx.)
	A3	B	B1	B2	B3	s	s1	s2	dynamic Cr newtons	static Cor newtons	rev/min	kg
	–	27.38	–	28.63	–	11.58	6.53	–	9550	4800	7000	0.6
	37.67	31.00	25.80	31.03	43.73	12.73	7.53	17.13	12800	6650	6700	0.7
	40.06	34.10	27.30	31.03	44.43	14.33	7.53	17.53	14000	7880	6250	0.8
	43.99	38.10	31.20	35.73	48.43	15.93	9.03	18.33	19500	11300	5300	1.1
	47.78	42.90	34.90	38.93	51.13	17.53	9.53	18.83	25700	15300	4500	1.4
	53.57	49.20	41.20	43.73	56.33	19.03	11.03	21.43	32500	19900	4000	2.0
	53.16	49.20	41.20	43.73	56.33	19.04	11.04	21.43	32500	20500	3700	2.1
	56.72	51.60	43.50	43.73	62.73	19.04	11.04	24.64	35000	23200	3400	2.3
	63.83	55.60	–	–	71.42	22.24	–	27.82	43500	29200	3100	2.9
	67.39	65.10	–	–	77.84	25.44	–	31.04	48000	33000	2800	4.4
	67.39	65.10	–	–	85.74	25.44	–	34.14	57500	40000	2600	4.5

Self-Lube® cast iron cartridge bearing units

MSC Series

For housing tolerances to suit outside dia 'L' see page 21

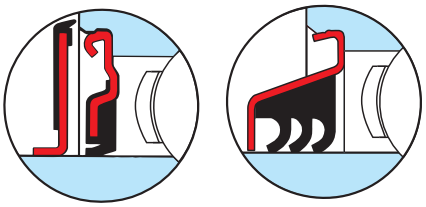


MSC

Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions (mm)	
mm	inches				L	A
25		**MSC25**	1030	1	88.925	27.78
30		**				
	1	**MSC1**				
35		**	1035	2	98.450	30.96
	1 3/16	**MSC1 3/16**				
	1 1/4	**				
40		**	1040	3	106.387	37.31
	1 3/8	**MSC1 3/8**				
	1 7/16	**MSC1 7/16**				
45		**	1045	4	111.150	36.51
	1 1/2	**MSC1 1/2**				
50		**	1050	5	115.913	37.31
	1 11/16	**MSC1 11/16**				
	1 3/4	**MSC1 3/4**				
55		**	1055	6	125.437	40.48
	1 7/8	**MSC1 7/8**				
	1 15/16	**MSC1 15/16**				
	2	**				
60		**	1060	7	149.250	41.28
	2 3/16	**MSC2 3/16**				
	2 1/4	**				
65		**MSC65**	1070	8	158.775	50.80
70		**MCS70**				
	2 7/16	**MSC2 7/16**				
	2 1/2	**MSC2 1/2**				
75		**MSC75**	1075	9	168.300	50.80
	2 11/16	**MSC2 11/16**				
	2 3/4	**MSC2 3/4**				
80		**MSC80**	1080	10	177.825	55.56
	2 15/16	**MSC2 15/16**				
	3	**MSC3**				
85		**MSC85**	1085	11	188.937	63.50
	3 3/16	**MSC3 3/16**				
	3 1/4	**MSC3 1/4**				
90		**MSC90**	1090	12	207.987	63.50
	3 7/16	**MSC3 7/16**				
	3 1/2	**MSC3 1/2**				
95		**MSC95**	3095	13	241.325	76.20
100		**MSC100**				
	3 15/16	**MSC3 15/16**				
	4	**MSC4**				

Please check availability

** For these bore sizes select from SLC series (see page 64)



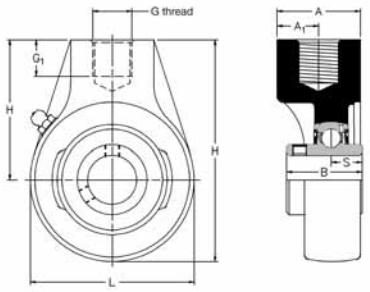
Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix 'FS', e.g. MSC 1 3/16 FS.

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. TMSC 1 3/16.

	Dimensions (mm)			ISO load ratings		Rec max. speed	Mass (approx.)
	A1	B	s	dynamic Cr newtons	static Cor newtons	rev/min	kg
	36.12	38.10	15.93	19500	11300	5300	1.1
	40.87	42.90	17.53	25700	15300	4500	1.4
	48.84	49.20	19.03	32500	19900	4000	2.0
	48.44	49.20	19.04	32500	20500	3700	2.1
	51.18	51.60	19.04	35000	23200	3400	2.3
	53.57	55.60	22.24	43500	29200	3100	2.9
	60.30	65.10	25.44	48000	33000	2800	4.4
	69.80	74.60	30.24	61000	45000	2450	5.3
	69.80	77.80	33.34	66000	49500	2300	6.2
	76.99	82.60	33.34	71500	54500	2150	7.9
	83.29	85.70	34.15	83000	64000	2000	9.3
	88.06	96.00	39.74	96000	71500	1900	12.7
	106.38	117.48	49.31	157000	122000	1600	20.4

Self-Lube® cast iron hanger bearing units

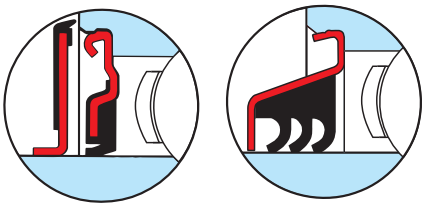
SCHB Series (BSP thread)
SCH Series (metric thread)**
****These series units are identical to SCHB series except for thread details**



SCHB (BSP thread)
SCH (metric thread)

Shaft diameter		RHP designation		Basic bearing insert	Casting group	Dimensions				
mm	inches					G (BSP)	G (metric)	G1 (mm)	L	
20		**SCHB20**	**SCH20**	1020	0	½	M16 x 2.00	19.0	67.0	
	¾	**SCHB¾**	**SCH¾**							
25		**SCHB25**	**SCH25**	1030	2/0	½	M20 x 2.50	16.0	89.0	
30		**SCHB30**	**SCH30**							
	⅞	**SCHB⅞**	**SCH⅞**							
	1	**SCHB1**	**SCH1**							
	1⅛	**SCHB1⅛**	**SCH1⅛**							
35		**SCHB35**	**SCH35**	1035	1	¾	M24 x 3.00	19.0	97.0	
	1 3/16	**SCHB1 3/16**	**SCH1 3/16**							
	1¼	**SCHB1¼**	**SCH1¼**							
	1⅜	**SCHB1⅜**	**SCH1⅜**							
40		**SCHB40**	**SCH40**	1040	2	¾	M24 x 3.00	19.0	107.0	
	1 7/16	**SCHB1 7/16**	**SCH1 7/16**							
	1½	**SCHB1½**	**SCH1½**							
45		**SCHB45**	**SCH45**	1050	3	1	M24 x 3.00	21.0	121.0	
50		**SCHB50**	**SCH50**							
	1 11/16	**SCHB1 11/16**	**SCH1 11/16**							
	1¾	**SCHB1¾**	**SCH1¾**							
	1⅞	**SCHB1⅞**	**SCH1⅞**							
	1 15/16	**SCHB1 15/16**	**SCH1 15/16**							
	2	**SCHB2**	**SCH2**							
55		**SCHB55**	**SCH55**	1060	4	1¼	M42 x 4.50	29.0	146.5	
60		**SCHB60**	**SCH60**							
	2 3/16	**SCHB2 3/16**	**SCH2 3/16**							
	2¼	**SCHB2¼**	**SCH2¼**							
	2⅜	**SCHB2⅜**	**SCH2⅜**							
	2 7/16	**SCHB2 7/16**	**SCH2 7/16**							
	2½	**SCHB2½**	**SCH2½**	1065	4/65	1¼	M42 x 4.50	29.0	143.0	
65		**SCHB65**	**SCH65**	1075	5	1½	M48 x 5.00	32.0	165.0	
70		**SCHB70**	**SCH70**							
75		**SCHB75**	**SCH75**							
	2 11/16	**SCHB2 11/16**	**SCH2 11/16**							
	2¾	**SHCB2¾**	**SHC2¾**							
	2⅞	**SCHB2⅞**	**SCH2⅞**							
	2 15/16	**SCHB2 15/16**	**SCH2 15/16**							
80		**SCHB80**	**SCH80**	1080	6	1½	M48 x 5.00	32.0	174.5	
	3	**SCHB3**	**SCH3**							
	3 3/16	**SCHB3 3/16**	**SCH3 3/16**							

Please check availability



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. SCHB35FS.

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. TSCHB35.

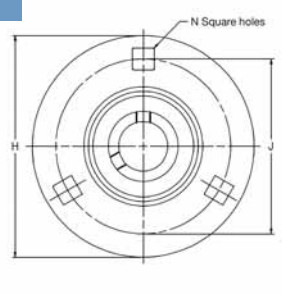
	Dimensions (mm)						ISO load ratings		Rec max. speed	Mass (approx.)
	H	H1	A	A1	B	s	dynamic Cr newtons	static Cor newtons	rev/min	kg
	91.6	57.2	34.0	18.26	30.96	12.75	12800	6650	6700	0.8
	107.5	61.9	33.5	22.22	38.10	15.93	19500	11300	5300	1.2
	119.0	69.8	39.5	25.40	42.88	17.53	25700	15300	4500	1.5
	127.5	73.0	39.0	27.79	49.23	19.10	32500	19900	4000	1.6
	144.0	82.6	47.5	27.79	51.59	19.10	35000	23200	3400	2.2
	175.0	101.6	58.5	30.94	65.07	25.45	48000	33000	2800	3.5
	173.5	101.6	58.5	30.94	65.07	25.45	57500	40000	2600	3.4
	200.6	117.5	70.0	34.94	77.77	33.37	66000	49500	2300	6.8
	211.5	123.8	71.5	41.29	82.55	33.37	71500	54500	2150	8.1

Self-Lube® pressed steel flange bearing units (zinc plated housings)

SLFE Series

Housings of groups 6 to 10 inclusive have four bolt holes

Note: these units are not re-greaseable

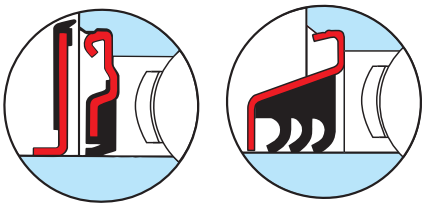


SLFE

Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)				
mm	inches							H	H2	J	N	
12		SLFE12		SLFE12EC		1017	1	81.0	49.0	63.5	7.1	
15		SLFE15		SLFE15EC								
16		SLFE16		SLFE16EC								
17		SLFE17		SLFE17A								
	½	SLFE½		SLFE½EC								
	⅝	SLFE⅝		SLFE⅝EC								
20		SLFE20	SLFE20A	SLFE20EC	SLFE20DEC	1020	2	90.5	55.0	71.5	8.7	
	¾	SLFE¾	SLFE¾A	SLFE¾EC	SLFE¾DEC							
25		SLFE25	SLFE25A	SLFE25EC	SLFE25DEC	1025	3	95.2	60.0	76.0	8.7	
	⅞	SLFE⅞		SLFE⅞EC	SLFE⅞DEC							
	15/16	SLFE15/16		SLFE15/16EC	SLFE15/16DEC							
	1	SLFE1	SLFE1A	SLFE1EC	SLFE1DEC							
30		SLFE30	SLFE30A	SLFE30EC	SLFE30DEC	1030	4	112.7	71.0	90.5	10.5	
	1⅛	SLFE1⅛		SLFE1⅛EC	SLFE1⅛DEC							
	1 3/16	SLFE1 3/16		SLFE1 3/16EC	SLFE1 3/16DEC							
	1¼	SLFE1¼	SLFE1¼A	SLFE1¼EC	SLFE1¼DEC							
	1¼	SLFE1¼L	SLFE1¼AL	SLFE1¼ECL	SLFE1¼DECL	1035	5	122.2	81.0	100.0	10.5	
35		SLFE35	SLFE35A	SLFE35EC	SLFE35DEC							
	1⅜	SLFE1⅜		SLFE1⅜EC	SLFE1⅜DEC							
	1 7/16	SLFE1 7/16		SLFE1 7/16EC	SLFE1 7/16DEC							
40		SLFE40	SLFE40A	SLFE40EC	SLFE40DEC	1040	6	147.8	91.0	119.0	13.5	
	1½	SLFE1½	SLFE1½A	SLFE1½EC	SLFE1½DEC							
45		SLFE45	SLFE45A	SLFE45EC	SLFE45DEC	1045	7	149.2	97.0	120.5	13.5	
	1⅝	SLFE1⅝		SLFE1⅝EC	SLFE1⅝DEC							
	1 11/16	SLFE1 11/16		SLFE1 11/16EC	SLFE1 11/16DEC							
	1¾	SLFE1¾	SLFE1¾A	SLFE1¾EC	SLFE1¾DEC							
50		SLFE50	SLFE50A	SLFE50EC	SLFE50DEC	1050	8	155.6	102.0	127.0	13.5	
	1⅞	SLFE1⅞		SLFE1⅞EC	SLFE1⅞DEC							
	1 15/16	SLFE1 15/16		SLFE1 15/16EC	SLFE1 15/16DEC							
	2	SLFE2R										
55		SLFE55			SLFE55DEC	1055	9	166.6	113.0	138.0	13.5	
	2	SLFE2			SLFE2DEC							
	2⅛	SLFE2⅛			SLFE2⅛DEC							
	2 3/16	SLFE2 3/16			SLFE2 3/16DEC							
60		SLFE60			SLFE60DEC	1060	10	176.2	122.0	147.6	13.5	
	2¼	SLFE2¼			SLFE2¼DEC							
	2 7/16	SLFE2 7/16			SLFE2 7/16DEC							

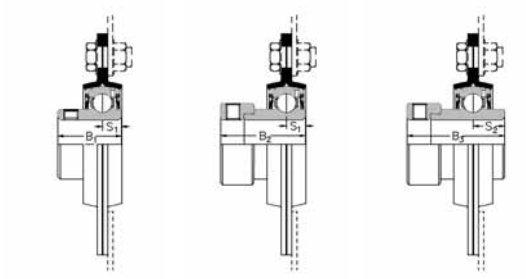
Please check availability

A modified version of these units is available if a Protector is to be fitted, see page 93 for details



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. SLFE25FS.

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. TSLFE25.



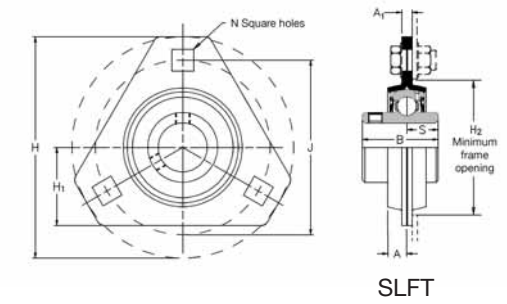
SLFE-A SLFE-EC SLFE-DEC

	Dimensions (mm)									Max. radial housing load	Rec max. speed	Mass (approx.)
	A	A1	B	B1	B2	B3	s	s1	s2	newtons	rev/min	kg
	6.7	4.0	27.38	–	28.63	–	11.58	6.53	–	2670	3000	0.2
	7.7	4.0	31.00	25.80	31.03	43.73	12.73	7.53	17.13	3110	3000	0.3
	8.7	4.0	34.10	27.30	31.03	44.43	14.33	7.53	17.53	3560	2500	0.4
	9.0	5.0	38.10	31.20	35.73	48.43	15.93	9.03	18.33	4890	2500	0.7
	10.0	5.0	42.90	34.90	38.93	51.13	17.53	9.53	18.83	6250	2000	0.9
	10.0	7.0	49.20	41.20	43.73	56.33	19.03	11.03	21.43	7550	2000	1.5
	10.0	7.0	49.20	41.20	43.73	56.33	19.04	11.04	21.43	7550	2000	1.6
	10.5	8.0	51.60	43.50	43.73	62.73	19.04	11.04	24.64	8450	1500	1.8
	10.7	8.0	55.60	–	–	71.42	22.24	–	27.84	10200	1500	2.2
	11.9	8.0	65.10	–	–	77.84	25.44	–	31.04	11300	1500	2.5

Self-Lube® pressed steel flange bearing units (zinc plated housings)

SLFT Series

Note: these units are not re-greaseable

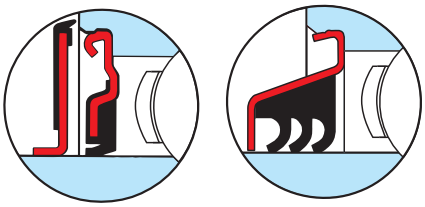


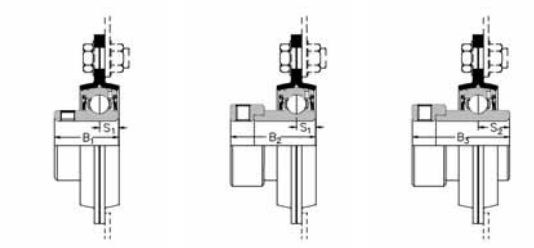
SLFT

Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)					
mm	inches							H	H1	H2	J	N	
25		**SLFT25**	**SLFT25A**	**SLFT25EC**	**SLFT25DEC**	1025	3	95.2	34.2	60.0	76.0	8.7	
	7/8	**SLFT7/8**		**SLFT7/8EC**	**SLFT7/8DEC**								
	15/16	**SLFT15/16**		**SLFT15/16EC**	**SLFT15/16DEC**								
	1	**SLFT1**	**SLFT1A**	**SLFT1EC**	**SLFT1DEC**								
30		**SLFT30**	**SLFT30A**	**SLFT30EC**	**SLFT30DEC**	1030	4	112.7	40.2	71.0	90.5	10.5	
	1 1/8	**SLFT1 1/8**		**SLFT1 1/8EC**	**SLFT1 1/8DEC**								
	1 3/16	**SLFT1 3/16**		**SLFT1 3/16EC**	**SLFT1 3/16DEC**								
	1 1/4	**SLFT1 1/4**	**SLFT1 1/4A**	**SLFT1 1/4EC**	**SLFT1 1/4DEC**								
35	1 1/4	**SLFT1 1/4L**	**SLFT1 1/4AL**	**SLFT1 1/4ECL**	**SLFT1 1/4DECL**	1035	5	122.2	44.2	81.0	100.0	10.5	
		SLFT35	**SLFT35A**	**SLFT35EC**	**SLFT35DEC**								
	1 3/8	**SLFT1 3/8**		**SLFT35EC**	**SLFT35DEC**								
	1 7/16	**SLFT1 7/16**		**SLFT1 7/16EC**	**SLFT1 7/16DEC**								

Please check availability

A modified version of these units is available if a Protector is to be fitted, see page 93 for details





SLFT-A SLFT-EC SLFT-DEC

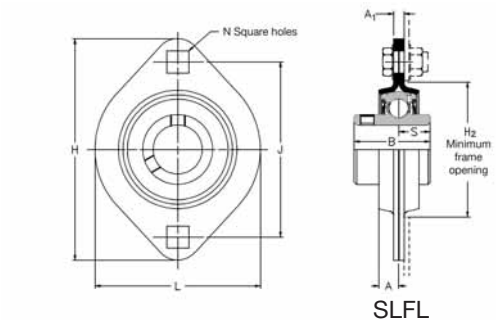
Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix ‘FS’, e.g. SLFT35FS.

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. TSLFT35.

	Dimensions (mm)									Max. radial housing load	Rec max. speed	Mass (approx.)
	A	A1	B	B1	B2	B3	s	s1	s2	newtons	rev/min	kg
	8.7	4.0	34.11	27.35	30.92	44.40	14.32	7.56	17.49	3560	2500	0.3
	9.0	5.0	38.10	31.21	35.68	48.42	15.93	9.04	18.32	4890	2500	0.5
	10.0	5.0	42.88	34.90	38.88	51.18	17.53	9.55	18.89	6250	2000	0.7

Self-Lube® pressed steel flange bearing units (zinc plated housings)

SLFL Series
Note: these units are not re-greaseable

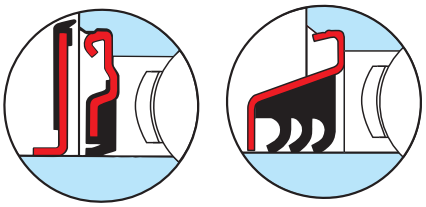


SLFL

Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)					
mm	inches							L	H	H2	J	N	
12		**SLFL12**		**SLFL12EC**		1017	1	58.7	81.0	49.0	63.5	7.1	
15		**SLFL15**		**SLFL15EC**									
16		**SLFL16**		**SLFL16EC**									
17		**SLFL17**		**SLFL17EC**									
	½	**SLFL½**		**SLFL½EC**									
	⅝	**SLFL⅝**		**SLFL⅝EC**									
20		**SLFL20**	**SLFL20A**	**SLFL20EC**	**SLFL20DEC**	1020	2	66.7	90.5	55.0	71.5	8.7	
	¾	**SLFL¾**	**SLFL¾A**	**SLFL¾EC**	**SLFL¾DEC**								
25		**SLFL25**	**SLFL25A**	**SLFL25EC**	**SLFL25DEC**	1025	3	71.0	95.3	60.0	76.0	8.7	
	⅞	**SLFL⅞**		**SLFL⅞EC**	**SLFL⅞DEC**								
	15/16	**SLFL15/16**		**SLFL15/16EC**	**SLFL15/16DEC**								
	1	**SLFL1**	**SLFL1A**	**SLFL1EC**	**SLFL1DEC**								
30		**SLFL30**	**SLFL30A**	**SLFL30EC**	**SLFL30DEC**	1030	4	84.1	112.7	71.0	90.5	10.5	
	1⅛	**SLFL1⅛**		**SLFL1⅛EC**	**SLFL1⅛DEC**								
	1 3/16	**SLFL1 3/16**		**SLFL1 3/16EC**	**SLFL1 3/16DEC**								
	1¼	**SLFL1¼**	**SLFL1¼A**	**SLFL1¼EC**	**SLFL1¼DEC**								

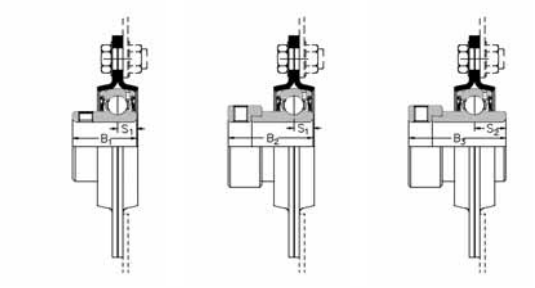
Please check availability

A modified version of these units is available if a Protector is to be fitted, see page 93 for details



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. SLFL1FS.

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. TSLFL1.

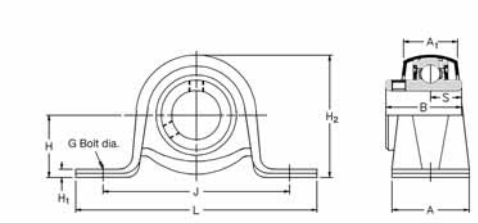


SLFL-A SLFL-EC SLFL-DEC

	Dimensions (mm)									Max. radial housing load	Rec max. speed	Mass (approx.)
	A	A1	B	B1	B2	B3	s	s1	s2	newtons	rev/min	kg
	6.7	4.0	27.38	–	28.54	–	11.55	6.55	–	2670	3000	0.2
	7.7	4.0	30.96	25.77	30.92	43.62	12.75	7.56	17.12	3110	3000	0.3
	8.7	4.0	34.11	27.35	30.92	44.40	14.32	7.56	17.49	3560	2500	0.3
	9.0	5.0	38.10	31.21	35.68	48.42	15.93	9.04	18.32	4890	2500	0.5

Self-Lube® pressed steel pillow block units (zinc plated housings)

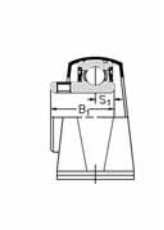
LPB Series
Note: these units are not re-greaseable



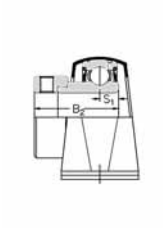
LPB

Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)					
mm	inches							L	H	H1	H2	J	
12		**LPB12**		**LPB12EC**		1017	1	85.7	22.2	2.4	43.2	68.0	
15		**LPB15**		**LPB15EC**									
16		**LPB16**		**LPB16EC**									
17		**LPB17**		**LPB17EC**									
	½	**LPB½**		**LPB½EC**									
	⅝	**LPB⅝**		**LPB⅝EC**									
20		**LPB20**	**LPB20A**	**LPB20EC**	**LPB20DEC**	1020	2	98.4	25.4	2.4	49.9	76.0	
	¾	**LPB¾**	**LPB¾A**	**LPB¾EC**	**LPB¾DEC**								
25		**LPB25**	**LPB25A**	**LPB25EC**	**LPB25DEC**	1025	3	108.0	28.6	2.8	55.8	86.0	
	⅞	**LPB⅞**		**LPB⅞EC**	**LPB⅞DEC**								
	15/16	**LPB15/16**		**LPB15/16EC**	**LPB15/16DEC**								
	1	**LPB1**	**LPB1A**	**LPB1EC**	**LPB1DEC**								
30		**LPB30**	**LPB30A**	**LPB30EC**	**LPB30DEC**	1030	4	117.5	33.3	3.6	65.7	95.0	
	1⅛	**LPB1⅛**		**LPB1⅛EC**	**LPB1⅛DEC**								
	1 3/16	**LPB1 3/16**		**LPB1 3/16EC**	**LPB1 3/16DEC**								
	1¼	**LPB1¼**	**LPB1¼A**	**LPB1¼EC**	**LPB1¼DEC**								
	1¼	**LPB1¼L**	**LPB1¼AL**	**LPB1¼ECL**	**LPB1¼DECL**								
35		**LPB35**	**LPB35A**	**LPB35EC**	**LPB35DEC**	1035	5	128.6	39.7	4.4	77.5	106.0	
	1⅜	**LPB1⅜**		**LPB1⅜EC**	**LPB1⅜DEC**								
	1 7/16	**LPB1 7/16**		**LPB1 7/16EC**	**LPB1 7/16DEC**								

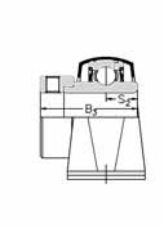
Please check availability



LPB-A



LPB-EC

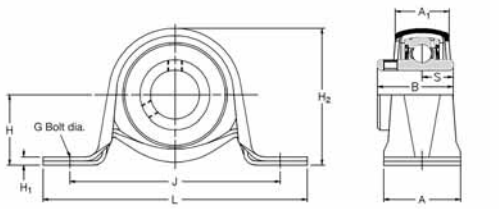


LPB-DEC

	Dimensions (mm)										Max. radial housing load	Rec. max. speed	Mass (approx.)
	G	A	A1	B	B1	B2	B3	s	s1	s2	newtons	rev/min	kg
	8	25.4	15.9	27.38	–	28.54	–	11.55	6.55	–	1330	3000	0.2
	8	31.7	21.6	30.96	25.77	30.92	43.62	12.75	7.56	17.12	1570	3000	0.2
	10	31.7	21.6	34.11	27.35	30.92	44.40	14.32	7.56	17.49	1780	2500	0.3
	10	37.5	25.5	38.10	31.21	35.68	48.42	15.93	9.04	18.32	2670	2500	0.5
	10	41.0	28.4	42.88	34.90	38.88	51.18	17.53	9.55	18.89	3560	2000	0.9

Self-Lube® pressed steel rubber mounted pillow block units (zinc plated housings)

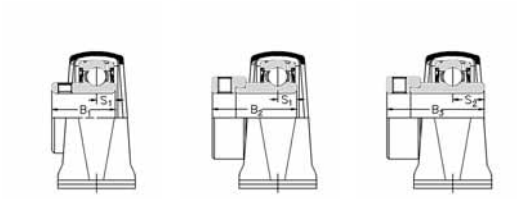
LPBR Series
Note: these units are not re-greaseable



LPBR

Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)					
mm	inches							L	H	H1	H2	J	
12		**LPBR12**		**LPBR12EC**		1017	2	98.4	25.4	2.4	49.9	76.0	
15		**LPBR15**		**LPBR15EC**									
16		**LPBR16**		**LPBR16EC**									
17		**LPBR17**		**LPBR17EC**									
	½	**LPBR½**		**LPBR½EC**									
	⅝	**LPBR⅝**		**LPBR⅝EC**									
20		**LPBR20**	**LPBR20A**	**LPBR20EC**	**LPBR20DEC**	1020	3	108.0	28.6	2.8	55.8	86.0	
	¾	**LPBR¾**	**LPBR¾A**	**LPBR¾EC**	**LPBR¾DEC**								
25		**LPBR25**	**LPBR25A**	**LPBR25EC**	**LPBR25DEC**	1025	4	117.5	33.3	3.6	65.7	95.0	
	⅞	**LPBR⅞**		**LPBR⅞EC**	**LPBR⅞DEC**								
	15/16	**LPBR15/16**		**LPBR15/16EC**	**LPBR15/16DEC**								
	1	**LPBR1**	**LPBR1A**	**LPBR1EC**	**LPBR1DEC**								
30		**LPBR30**	**LPBR30A**	**LPBR30EC**	**LPBR30DEC**	1030	5	128.6	39.7	4.4	77.5	106.0	
	1⅛	**LPBR1⅛**		**LPBR1⅛EC**	**LPBR1⅛DEC**								
	1 3/16	**LPBR3/16**		**LPBR1 3/16EC**	**LPBR1 3/16DEC**								
	1¼	**LPBR1¼**	**LPBR1¼A**	**LPBR1¼EC**	**LPBR1¼DEC**								

Please check availability



LPBR-A LPBR-EC LPBR-DEC

	Dimensions (mm)										Max. radial housing load	Rec. max. speed	Mass (approx.)
	G	A	A1	B	B1	B2	B3	s	s1	s2	newtons	rev/min	kg
	8	31.7	21.6	27.38	–	28.54	–	11.55	6.55	–	890	3000	0.2
	10	31.7	21.6	30.96	25.77	30.92	43.62	12.75	7.56	17.12	1110	3000	0.3
	10	37.5	25.5	34.11	27.35	30.92	44.40	14.32	7.56	17.49	1330	2500	0.5
	10	41.0	28.4	38.10	31.21	35.68	48.42	15.93	9.04	18.32	1560	2500	0.9

Self-Lube® bearing inserts

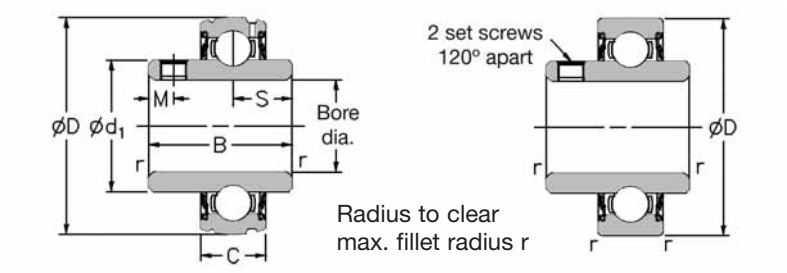
1000G and 1100 Series

Shaft diameter		RHP designation		Dimensions (mm)							ISO load ratings		Rec. max. speed	Mass (approx.)
mm	inches	1000G Series	1100 Series	D	C	B	s	d1	M	r	dynamic Cr newtons	static Cor newtons	rev/min	kg
12		**1017-12G**	**1117-12**	40.000	12.00	27.38	11.58	24.80	5.00	0.60	9550	4800	7000	0.09
15		**1017-15G**	**1117-15**											
16		**1017-16G**	**1117-16**											
17		**1017-17G**	**1117-17**											
	1/2	**1017-1/2G**	**1117-1/2**											
	5/8	**1017-5/8G**	**1117 5/8**											
20		**1020-20G**	**1120-20**	47.000	14.00	31.00	12.73	28.30	5.00	1.00	12800	6650	6700	0.13
	3/4	**1020-3/4G**	**1120-3/4**											
25		**1025-25G**	**1125-25**	52.000	15.00	34.10	14.33	34.00	5.00	1.00	14000	7880	6250	0.17
	7/8	**1025-7/8G**	**1125-7/8**											
	15/16	**1025-15/16G**	**1125-15/16**											
	1	**1025-1G**	**1125-1**											
25		**1030-25G**	**1130-25**	62.000	16.00	38.10	15.93	40.30	5.00	1.00	19500	11300	5300	0.37
30		**1030-30G**	**1130-30**											
	1	**1030-1G**	**1130-1**											
	1 1/8	**1030-1 1/8G**	**1130-1 1/8**											
	1 3/16	**1030-1 3/16G**	**1130-1 3/16**											
	1 1/4	**1030-1 1/4G**	**1130-1 1/4**											
30		**1035-30G**	**1135-30**	72.000	17.00	42.90	17.53	46.90	6.50	1.00	25700	15300	4500	0.51
35		**1035-35G**	**1135-35**											
	1 3/16	**1035-1 3/16G**	**1135-1 3/16**											
	1 1/4	**1035-1 1/4G**	**1135-1 1/4**											
	1 5/16	**1035-1 5/16G**	**1135-1 5/16**											
	1 3/8	**1035-1 3/8G**	**1135-1 3/8**											
	1 7/16	**1035-1 7/16G**	**1135-1 7/16**											
35		**1040-35G**	**1140-35**	80.000	18.00	49.20	19.03	52.40	8.00	1.00	32500	19900	4000	0.64
40		**1040-40G**	**1140-40**											
	1 3/8	**1040-1 3/8G**	**1140-1 3/8**											
	1 7/16	**1040-1 7/16G**	**1140-1 7/16**											
	1 1/2	**1040-1 1/2G**	**1140-1 1/2**											
40		**1045-40G**	**1145-40**	85.000	19.00	49.20	19.04	57.40	8.00	1.00	32500	20500	3700	0.73
45		**1045-45G**	**1145-45**											
	1 1/2	**1045-1 1/2G**	**1145-1 1/2**											
	1 5/8	**1045-1 5/8G**	**1145-1 5/8**											
	1 11/16	**1045-1 11/16G**	**1145-1 11/16**											
	1 3/4	**1045-1 3/4G**	**1145-1 3/4**											
45		**1050-45G**	**1150-45**	90.000	20.00	51.60	19.04	62.40	10.00	1.00	35000	23200	3400	0.91
50		**1050-50G**	**1150-50**											
	1 11/16	**1050-1 11/16G**	**1150-1 11/16**											
	1 3/4	**1050-1 3/4G**	**1150-1 3/4**											
	1 7/8	**1050-1 7/8G**	**1150-1 7/8**											
	1 15/16	**1050-1 15/16G**	**1150-1 15/16**											
	2	**1050-2G**	**1150-2**											
50		**1055-50G**	**1155-50**	100.000	21.00	55.60	22.24	68.90	10.00	1.50	43500	29200	3100	1.12
55		**1055-55G**	**1155-55**											
	1 7/8	**1055-1 7/8G**	**1155-1 7/8**											
	1 15/16	**1055-1 15/16G**	**1155-1 15/16**											
	2	**1055-2G**	**1155-2**											
	2 1/8	**1055-2 1/8G**	**1155-2 1/8**											
	2 3/16	**1055-2 3/16G**	**1155-2 3/16**											

Please check availability

1000G
With spherical outside diameter and integral set screw lock

1100
With parallel outside diameter and integral set screw lock



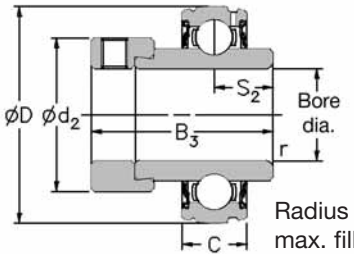
Shaft diameter		RHP designation		Dimensions (mm)							ISO load ratings		Rec. max. speed	Mass (approx.)
mm	inches	1000G Series	1100 Series	D	C	B	s	d1	M	r	dynamic Cr newtons	static Cor newtons	rev/min	kg
55		**1060-55G**	**1160-55**	110.000	22.00	65.10	25.44	76.00	10.00	1.50	48000	33000	2800	1.47
60		**1060-60G**	**1160-60**											
	2 3/16	**1060-2 3/16G**	**1160-2 3/16**											
	2 1/4	**1060-2 1/4G**	**1160-2 1/4**											
	2 3/8	**1060-2 3/8G**	**1160-2 3/8**											
	2 7/16	**1060-2 7/16G**	**1160-2 7/16**											
60		**1065-60G**	**1165-60**	120.000	23.00	65.10	25.44	82.50	10.00	1.50	57500	40000	2600	2.02
65		**1065-65G**	**1165-65**											
	2 1/2	**1065-2 1/2G**	**1165-2 1/2**											
60		**1070-60G**	**1170-60**	125.000	24.00	74.60	30.24	89.00	12.00	1.50	61000	45000	2450	2.27
65		**1070-65G**	**1170-65**											
70		**1070-70G**	**1170-70**											
	2 7/16	**1070-2 7/16G**	**1170-2 7/16**											
	2 1/2	**1070-2 1/2G**	**1170-2 1/2**											
	2 5/8	**1070-2 5/8G**	**1170-2 5/8**											
	2 11/16	**1070-2 11/16G**	**1170-2 11/16**											
65		**1075-65G**	**1175-65**	130.000	25.00	77.80	33.34	94.00	12.00	1.50	66000	49500	2300	2.61
70		**1075-70G**	**1175-70**											
75		**1075-75G**	**1175-75**											
	2 11/16	**1075-2 11/16G**	**1175-2 11/16**											
	2 3/4	**1075-2 3/4G**	**1175-2 3/4**											
	2 7/8	**1075-2 7/8G**	**1175-2 7/8**											
	2 15/16	**1075-2 15/16G**	**1175-2 15/16**											
	3	**1075-3G**	**1175-3**											
75		**1080-75G**	**1180-75**	140.000	26.00	82.60	33.34	100.00	12.00	2.00	71500	54500	2150	3.23
80		**1080-80G**	**1180-80**											
	2 15/16	**1080-2 15/16G**	**1180-2 15/16**											
	3	**1080-3G**	**1180-3**											
	3 3/16	**1080-3 3/16G**	**1180-3 3/16**											
	3 1/4	**1080-3 1/4G**	**1180-3 1/4**											
80		**1085-80G**	**1185-80**	150.000	28.00	85.70	34.15	107.10	12.00	2.00	83000	64000	2000	3.74
85		**1085-85G**	**1185-85**											
	3 3/16	**1085-3 3/16G**	**1185-3 3/16**											
	3 1/4	**1085-3 1/4G**	**1185-3 1/4**											
	3 3/8	**1085-3 3/8G**	**1185-3 3/8**											
	3 7/16	**1085-3 7/16G**	**1185-3 7/16**											
85		**1090-85G**	**1190-85**	160.000	30.00	96.00	39.74	111.50	15.00	2.00	96000	71500	1900	4.99
90		**1090-90G**	**1190-90**											
	3 7/16	**1090-3 7/16G**	**1190-3 7/16**											
	3 1/2	**1090-3 1/2G**	**1190-3 1/2**											
95		**3095-95G**		200.000	45.00	117.48	49.31	127.10	16.00	2.50	157000	122000	1600	9.53
100		**3095-100G**												
	3 15/16	**3095-3 15/16G**												
	4	**3095-4G**												

Please check availability

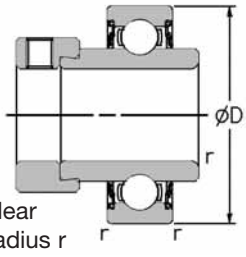
Self-Lube® bearing inserts

1000DECG and 1100DEC Series

1000DECG
With spherical outside diameter and eccentric collar lock



1100DEC
With parallel outside diameter and eccentric collar lock



Radius to clear max. fillet radius r

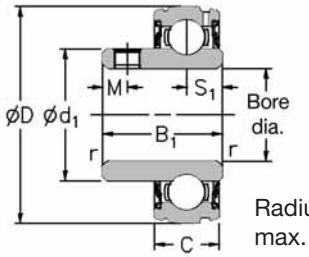
Shaft diameter		RHP designation		Dimensions (mm)						ISO load ratings		Rec. max. speed	Mass (approx.)
mm	inches	1000DECG Series	1100EC Series	D	C	B3	s2	d2	r	dynamic Cr newtons	static Cor newtons	rev/min	kg
20		**1020-20DECG**	**1120-20DEC**	47.000	14.00	43.73	17.13	33.30	1.00	12800	6650	6700	0.20
	¾	**1020-¾DECG**	**1120-¾DEC**										
25		**1025-25DECG**	**1125-25DEC**	52.000	15.00	44.43	17.53	38.10	1.00	14000	7880	6250	0.26
	⅞	**1025-⅞DECG**	**1125-⅞DEC**										
	15/16	**1025-15/16DECG**	**1125-15/16DEC**										
	1	**1025-1DECG**	**1125-1DEC**										
30		**1030-30DECG**	**1130-30DEC**	62.000	16.00	48.43	18.33	44.50	1.00	19500	11300	5300	0.53
	1⅛	**1030-1⅛DECG**	**1130-1⅛DEC**										
	1 3/16	**1030-1 3/16DECG**	**1130-1 3/16DEC**										
	1¼	**1030-1¼DECG**	**1130-1¼DEC**										
35		**1035-35DECG**	**1135-35DEC**	72.000	17.00	51.13	18.83	55.60	1.00	25700	15300	4500	0.70
	1¼	**1035-1¼DECG**	**1135-1¼DEC**										
	1⅜	**1035-1⅜DECG**	**1135-1⅜DEC**										
	1 7/16	**1035-1 7/16DECG**	**1135-1 7/16DEC**										
40		**1040-40DECG**	**1140-40DEC**	80.000	18.00	56.33	21.43	60.30	1.00	32500	19900	4000	0.82
	1½	**1040-1½DECG**	**1140-1½DEC**										
45		**1045-45DECG**	**1145-45DEC**	85.000	19.00	56.33	21.43	63.50	1.00	32500	20500	3700	1.08
	1⅝	**1045-1⅝DECG**	**1145-1⅝DEC**										
	1 11/16	**1045-1 11/16DECG**	**1145-1 11/16DEC**										
	1¾	**1045-1¾DECG**	**1145-1¾DEC**										
50		**1050-50DECG**	**1150-50DEC**	90.000	20.00	62.73	24.64	69.90	1.00	35000	23200	3400	1.19
	1⅞	**1050-1⅞DECG**	**1150-1⅞DEC**										
	1 15/16	**1050-1 15/16DECG**	**1150-1 15/16DEC**										
55		**1055-55DECG**	**1155-55DEC**	100.000	21.00	71.42	27.84	76.20	1.50	43500	29200	3100	1.40
	2	**1055-2DECG**	**1155-2DEC**										
	2⅛	**1055-2⅛DECG**	**1155-2⅛DEC**										
	2 3/16	**1055-2 3/16DECG**	**1155-2 3/16DEC**										
60		**1060-60DECG**	**1160-60DEC**	110.000	22.00	77.84	31.04	84.20	1.50	48000	33000	2800	1.72
	2¼	**1060-2¼DECG**	**1160-2¼DEC**										
	2⅜	**1060-2⅜DECG**	**1160-2⅜DEC**										
	2 7/16	**1060-2 7/16DECG**	**1160-2 7/16DEC**										
	2½	**1065-2½DECG**	**1165-2½DEC**	120.000	23.00	85.74	34.14	92.00	1.50	57500	40000	2600	2.21
65		**1070-65DECG**	**1170-65DEC**	125.000	24.00	85.74	34.14	97.00	1.50	61000	45000	2450	2.56
70		**1070-70DECG**	**1170-70DEC**										
	2½	**1070-2½DECG**	**1170-2½DEC**										
	2⅝	**1070-2⅝DECG**	**1170-2⅝DEC**										
	2 11/16	**1070-2 11/16DECG**	**1170-2 11/16DEC**										
65		**1075-65DECG**	**1175-65DEC**	130.000	25.00	92.14	37.34	102.00	1.50	66000	49500	2300	2.94
70		**1075-70DECG**	**1175-70DEC**										
75		**1075-75DECG**	**1175-75DEC**										
	2 11/16	**1075-2 11/16DECG**	**1175-2 11/16DEC**										
	2¾	**1075-2¾DECG**	**1175-2¾DEC**										
	2⅞	**1075-2⅞DECG**	**1175-2⅞DEC**										
	2 15/16	**1075-2 15/16DECG**	**1175-2 15/16DEC**										

Please check availability

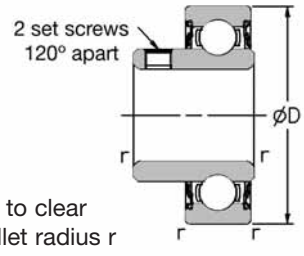
Self-Lube® bearing inserts

1200G and 1300 Series

1200G
With spherical outside diameter and integral set screw lock



1300DEC
With parallel outside diameter and integral set screw lock



Radius to clear max. fillet radius r

Shaft diameter		RHP designation		Dimensions (mm)							ISO load ratings		Rec. max. speed	Mass (approx.)
mm	inches	1200G Series	1300 Series	D	C	B1	s1	d1	M	r	dynamic Cr newtons	static Cor newtons	rev/min	kg
20	¾	**1220-20G** **1220-¾G**	**1320-20** **1320-¾**	47.000	14.00	25.80	7.53	28.30	5.00	1.00	12800	6650	6700	0.10
25	1	**1225-25G** **1225-1G**	**1325-25** **1325-1**	52.000	15.00	27.30	7.53	34.00	5.00	1.00	14000	7880	6250	0.13
30	1¼	**1230-30G** **1230-¼G**	**1330-30** **1330-1¼**	62.000	16.00	31.20	9.03	40.30	5.00	1.00	19500	11300	5300	0.32
35	1¼	**1235-35G** **1235-1¼G**	**1335-35** **1335-1¼**	72.000	17.00	34.90	9.53	46.90	6.50	1.00	25700	15300	4500	0.43
40	1½	**1240-40G** **1240-1½G**	**1340-40** **1340-1½**	80.000	18.00	41.20	11.03	52.40	8.00	1.00	32500	19900	4000	0.54
45	1¾	**1245-45G** **1245-1¾G**	**1345-45** **1345-1¾**	85.000	19.00	41.20	11.04	57.40	8.00	1.00	32500	20500	3700	0.61
50		**1250-50G**	**1350-50**	90.000	20.00	43.50	11.04	62.40	10.00	1.00	35000	23200	3400	0.76

Please check availability

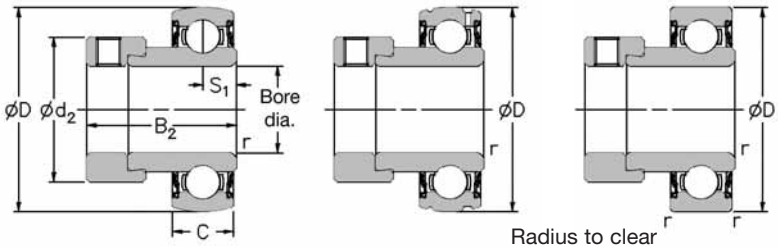
Self-Lube® bearing inserts

1200EC and 1200ECG Series 1300EC Series

1200EC
With spherical outside diameter, non-regreaseable outer ring and eccentric collar lock

1200ECG
With spherical outside diameter, regreaseable outer ring and eccentric collar lock

1300EC
With parallel outside diameter and eccentric collar lock



Radius to clear max. fillet radius r

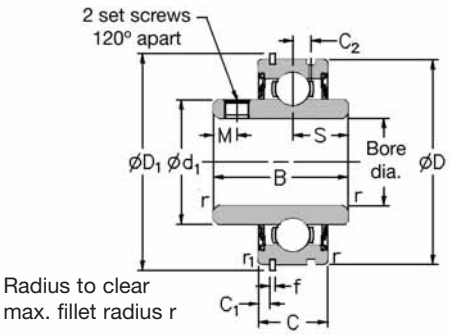
Shaft diameter		RHP designation			Dimensions (mm)						ISO load ratings		Rec. max. speed	Mass (approx.)
mm	inches	1200EC Series	1200ECG Series	1300EC Series	D	C	B2	s1	d2	r	dynamic Cr newtons	static Cor newtons	rev/min	kg
12		**1217-12EC**	**1217-12ECG**	**1317-12EC**	40.000	12.00	28.63	6.53	28.60	0.60	9550	4800	7000	0.15
15		**1217-15EC**	**1217-15ECG**	**1317-15EC**										
16		**1217-16EC**	**1217-16ECG**	**1317-16EC**										
17		**1217-17EC**	**1217-17ECG**	**1317-17EC**										
	½	**1217-½EC**	**1217-½ECG**	**1317-½EC**										
	⅝	**1217-⅝EC**	**1217-⅝ECG**	**1317-⅝EC**										
20		**1220-20EC**	**1220-20ECG**	**1320-20EC**	47.000	14.00	31.03	7.53	33.30	1.00	12800	6650	6700	0.16
	¾	**1220-¾EC**	**1220-¾ECG**	**1320-¾EC**										
25		**1225-25EC**	**1225-25ECG**	**1325-25EC**	52.000	15.00	31.03	7.53	38.10	1.00	14000	7880	6250	0.23
	⅞	**1225-⅞EC**	**1225-⅞ECG**	**1325-⅞EC**										
	15/16	**1225-15/16EC**	**1225-15/16ECG**	**1325-15/16EC**										
	1	**1225-1EC**	**1225-1ECG**	**1325-1EC**										
30		**1230-30EC**	**1230-30ECG**	**1330-30EC**	62.000	16.00	35.73	9.03	44.50	1.00	19500	11300	5300	0.40
	1⅛	**1230-1⅛EC**	**1230-1⅛ECG**	**1330-1⅛EC**										
	1 3/16	**1230-1 3/16EC**	**1230-1 3/16ECG**	**1330-1 3/16EC**										
	1¼	**1230-1¼EC**	**1230-1¼ECG**	**1330-1¼EC**										
35		**1235-35EC**	**1235-35ECG**	**1335-35EC**	72.000	17.00	38.93	9.53	55.60	1.00	25700	15300	4500	0.58
	1¼	**1235-1¼EC**	**1235-1¼ECG**	**1335-1¼EC**										
	1⅜	**1235-1⅜EC**	**1235-1⅜ECG**	**1335-1⅜EC**										
	1 7/16	**1235-1 7/16EC**	**1235-1 7/16ECG**	**1335-1 7/16EC**										
40		**1240-40EC**	**1240-40ECG**	**1340-40EC**	80.000	18.00	43.73	11.03	60.30	1.00	32500	19900	4000	0.73
	1½	**1240-1½EC**	**1240-1½ECG**	**1340-1½EC**										
45		**1245-45EC**	**1245-45ECG**	**1345-45EC**	85.000	19.00	43.73	11.03	63.50	1.00	32500	20500	3700	0.87
	1⅝	**1245-1⅝EC**	**1245-1⅝ECG**	**1345-1⅝EC**										
	1 11/16	**1245-1 11/16EC**	**1245-1 11/16ECG**	**1345-1 11/16EC**										
	1¾	**1245-1¾EC**	**1245-1¾ECG**	**1345-1¾EC**										
50		**1250-50EC**	**1250-50ECG**	**1350-50EC**	90.000	20.00	43.73	11.04	69.90	1.00	35000	23200	3400	0.98
	1⅞	**1250-1⅞EC**	**1250-1⅞ECG**	**1350-1⅞EC**										
	1 15/16	**1250-1 15/16EC**	**1250-1 15/16ECG**	**1350-1 15/16EC**										
	2	**1250-2EC**	**1250-2ECG**	**1350-2EC**										

Please check availability

Self-Lube® bearing inserts complete with snap ring

1100CG Series

1100CG
With parallel outside diameter
and integral set screw lock



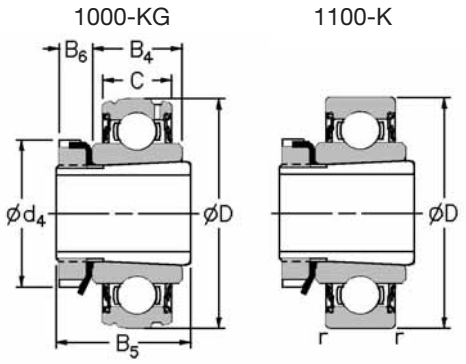
Radius to clear
max. fillet radius r

Shaft diameter		RHP designation	Dimensions (mm)												ISO load ratings		Rec. max. speed	Mass (approx.)
mm	inches	1100CG Series	D	D1	C	C1	C2	B	s	d1	f	M	r	r1	dynamic Cr newtons	static Cor newtons	rev/min	kg
20		**1120-20CG**	47.000	52.68	15.88	2.39	4.17	31.00	12.73	28.30	1.12	5.00	1.00	0.50	12800	6650	6700	0.23
	¾	**1120-¾CG**																
25		**1125-25CG**	52.000	57.81	19.05	2.39	4.39	34.10	14.33	34.00	1.12	5.00	1.00	0.50	14000	7880	6250	0.31
	⅞	**1125-⅞CG**																
	15/16	**1125-15/16CG**																
	1	**1125-1CG**																
30		**1130-30CG**	62.000	67.69	22.22	3.18	5.10	38.10	15.93	40.30	1.70	5.00	1.00	0.50	19500	11300	5300	0.42
	1⅛	**1130-1⅛CG**																
	1 3/16	**1130-1 3/16CG**																
35		**1135-35CG**	72.000	78.51	23.81	3.18	5.61	42.90	17.53	46.90	1.70	6.50	1.00	1.00	25700	15300	4500	0.61
	1¼	**1135-1¼CG**																
	1⅜	**1135-1⅜CG**																
	1⅞	**1135-1 7/16CG**																
40		**1140-40CG**	80.000	86.51	27.78	3.18	6.22	49.20	19.03	52.40	1.70	8.00	1.00	1.00	32500	19900	4000	0.91
	1½	**1140-1½CG**																
45		**1145-45CG**	85.000	91.51	27.78	3.18	6.52	49.20	19.04	57.40	1.70	8.00	1.00	1.00	32500	20500	3700	1.05
	1⅝	**1145-1⅝CG**																
	1 11/16	**1145-1 11/16CG**																
	1¾	**1145-1¾CG**																
	1⅞	**1150-1⅞CG**	90.000	96.49	28.58	3.18	6.72	51.59	19.10	62.40	2.46	10.00	1.00	1.00	35000	23200	3400	1.10
	1 15/16	**1150-1 15/16CG**																
55		**1155-55CG**	100.00	106.50	30.16	3.18	7.43	55.60	22.20	68.90	2.46	10.00	1.00	1.00	43500	29200	3100	1.50
	2	**1155-2CG**																
	2 3/16	**1155-2 3/16CG**																

Please check availability

Self-Lube® bearing inserts with adapter sleeves

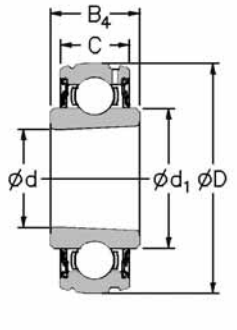
1000-KG and 1100-K Series



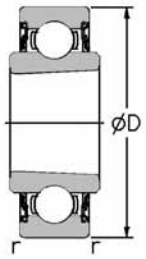
Shaft diameter		RHP designation			Sleeve, nut & lockwasher assembly only	Basic insert without sleeve, nut & lockwasher		Dimensions (mm)			
mm	inches	1000-KG Series		1100-K Series		1000KG	1100K	D	C	B4	
20		**1025-20KG**		**1125-20K**	**H305**	1025KG	1125K	52.000	15.00	19.00	
	¾	**1025-¾KG**		**1125-¾K**	**HE305-¾**						
25		**1030-25KG**		**1130-25K**	**H306**	1030KG	1130K	62.000	16.00	20.00	
	1 5/16	**1030-15/16KG**		**1130-15/16K**	**HE306-15/16**						
	1	**1030-1KG**		**1130-1K**	**HE306-1**						
30		**1035-30KG**		**1135-30K**	**H307**	1035KG	1135K	72.000	17.00	21.00	
	1⅛	**1035-1⅛KG**		**1135-1⅛K**	**HE307-1⅛**						
	1 3/16	**1035-1 3/16KG**		**1135-1 3/16K**	**HE307-1 3/16**						
35		**1040-35KG**		**1140-35K**	**H308**	1040KG	1140K	80.000	18.00	22.00	
	1¼	**1040-1¼KG**		**1140-1¼K**	**HE308-1¼**						
	1⅜	**1040-1⅜KG**		**1140-1⅜K**	**HE308-1⅜**						
40		**1045-40KG**		**1145-40K**	**H309**	1045KG	1145K	85.000	19.00	23.00	
	1 7/16	**1045-1 7/16KG**		**1145-1 7/16K**	**HE309-1 7/16**						
	1½	**1045-1½KG**		**1145-1½K**	**HE309-1½**						
45		**1050-45KG**		**1150-45K**	**H310**	1050KG	1150K	90.000	20.00	24.00	
	1 11/16	**1050-1 11/16KG**		**1150-1 11/16K**	**HE310-1 11/16**						
	1¾	**1050-1¾KG**		**1150-1¾K**	**HE310-1¾**						
50		**1055-50KG**		**1155-50K**	**H311**	1055KG	1155K	100.000	21.00	25.00	
	1 15/16	**1055-1 15/16KG**		**1155-1 15/16K**	**HE311-1 15/16**						
	2	**1055-2KG**		**1155-2K**	**HE311-2**						

Please check availability

1000KG



1100K

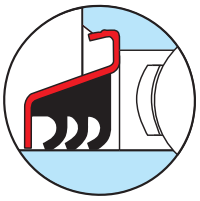


Bore taper 1:12
on diameter

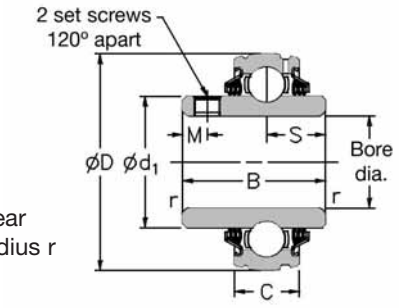
	Dimensions (mm)						ISO load ratings		Rec max. speed	Mass (approx.)
	B5	B6	d	d1	d4	r	dynamic Cr newtons	static Cor newtons	rev/min	kg
	29.00	8.00	25.000	34.00	38.00	1.00	14000	7880	6250	0.20
	31.00	8.00	30.000	40.30	45.00	1.00	19500	11300	5300	0.30
	35.00	9.00	35.000	46.90	52.00	1.00	25700	15300	4500	0.42
	36.00	10.00	40.000	52.40	58.00	1.00	32500	19900	4000	0.54
	39.00	11.00	45.000	57.40	65.00	1.00	32500	20500	3700	0.64
	42.00	12.00	50.000	62.40	70.00	1.00	35000	23200	3400	0.75
	45.00	12.00	55.000	68.90	75.00	1.50	43500	29200	3100	0.95

Self-Lube® triple seal bearing inserts

T1000G Series



T1000G
With spherical outside diameter and integral set screw lock



Radius to clear
max. fillet radius r

Shaft diameter		RHP designation	Dimensions (mm)							ISO load ratings		Rec. max. speed	Mass (approx.)
mm	inches		D	C	B	s	d1	M	r	dynamic Cr newtons	static Cor newtons	rev/min	kg
25		**T1025-25G**	52.000	15.00	34.10	14.33	34.00	5.00	1.00	14000	7880	1000	0.17
	7/8	**T1025-7/8G**											
	15/16	**T1025-15/16G**											
	1	**T1025-1G**											
25		**T1030-25G**	62.000	18.00	38.10	15.93	40.30	5.00	1.00	19500	11300	850	0.37
30		**T1030-30G**											
	7/8	**T1030-7/8G**											
	1	**T1030-1G**											
	1 1/8	**T1030-1 1/8G**											
	1 3/16	**T1030-1 3/16G**											
	1 1/4	**T1030-1 1/4G**											
30		**T1035-30G**	72.000	19.00	42.90	17.53	46.90	6.50	1.00	25700	15300	750	0.51
35		**T1035-35G**											
	1 3/16	**T1035-1 3/16G**											
	1 1/4	**T1035-1 1/4G**											
	1 3/8	**T1035-1 3/8G**											
	1 7/16	**T1035-1 7/16G**											
35		**T1040-35G**	80.000	21.00	49.20	19.03	52.40	8.00	1.00	32500	19900	650	0.64
40		**T1040-40G**											
	1 3/8	**T1040-1 3/8G**											
	1 7/16	**T1040-1 7/16G**											
	1 1/2	**T1040-1 1/2G**											
40		**T1045-40G**	85.000	22.00	49.20	19.04	57.40	8.00	1.00	32500	20500	600	0.73
45		**T1045-45G**											
	1 1/2	**T1045-1 1/2G**											
	1 5/8	**T1045-1 5/8G**											
	1 11/16	**T1045-1 11/16G**											
	1 3/4	**T1045-1 3/4G**											
45		**T1050-45G**	90.000	23.00	51.60	19.04	62.40	10.00	1.00	35000	23200	550	0.91
50		**T1050-50G**											
	1 11/16	**T1050-1 11/16G**											
	1 3/4	**T1050-1 3/4G**											
	1 7/8	**T1050-1 7/8G**											
	1 15/16	**T1050-1 15/16G**											
	2	**T1050-2G**											
50		**T1055-50G**	100.000	25.00	55.60	22.24	68.90	10.00	1.50	43500	29200	500	1.12
55		**T1055-55G**											
	1 7/8	**T1055-1 7/8G**											
	1 15/16	**T1055-1 15/16G**											
	2	**T1055-2G**											
	2 1/8	**T1055-2 1/8G**											
	2 3/16	**T1055-2 3/16G**											

Please check availability

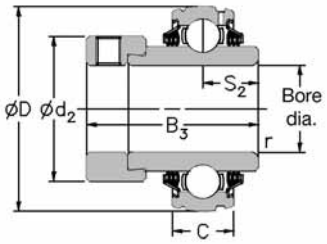
Shaft diameter		RHP designation	Dimensions (mm)							ISO load ratings		Rec. max. speed	Mass (approx.)
mm	inches		D	C	B	s	d1	M	r	dynamic Cr newtons	static Cor newtons	rev/min	kg
55		**T1060-55G**	110.000	25.00	65.10	25.44	76.00	10.00	1.50	48000	33000	450	1.50
60		**T1060-60G**											
	2 3/16	**T1060-2 3/16G**											
	2 1/4	**T1060-2 1/4G**											
	2 3/8	**T1060-2 3/8G**											
	2 7/16	**T1060-2 7/16G**											
60		**T1070-60G**	125.000	28.00	74.60	30.24	89.00	12.00	1.50	61000	45000	400	2.30
65		**T1070-65G**											
70		**T1070-70G**											
	2 7/16	**T1070-2 7/16G**											
	2 1/2	**T1070-2 1/2G**											
	2 5/8	**T1070-2 5/8G**											
	2 11/16	**T1070-2 11/16G**											
75		**T1080-75G**	140.000	30.00	82.60	33.34	100.00	12.00	2.00	71500	54500	345	3.27
80		**T1080-80G**											
	2 15/16	**T1080-2 15/16G**											
	3	**T1080-3G**											

Please check availability

Self-Lube® triple seal bearing inserts

T1000DECG Series

T1000DECG
With spherical outside diameter
and eccentric collar lock



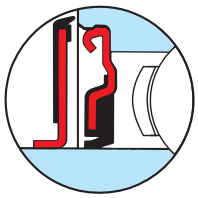
Radius to clear
max. fillet radius r

Shaft diameter		RHP designation	Dimensions (mm)						ISO load ratings		Rec. max. speed	Mass (approx.)
mm	inches		D	C	B3	s2	d2	r	dynamic Cr newtons	static Cor newtons	rev/min	kg
25		**T1025-25DECG**	52.000	15.00	44.43	17.53	38.10	1.00	14000	7880	1000	0.26
	7/8	**T1025-7/8DECG**										
	15/16	**T1025-15/16DECG**										
	1	**T1025-1DECG**										
30		**T1030-30DECG**	62.000	18.00	48.43	18.33	44.50	1.00	19500	11300	850	0.53
	1 1/8	**T1030-1 1/8DECG**										
	1 3/16	**T1030-1 3/16DECG**										
	1 1/4	**T1030-1 1/4DECG**										
35		**T1035-35DECG**	72.000	19.00	51.13	18.83	55.60	1.00	25700	15300	750	0.70
	1 1/4	**T1035-1 1/4DECG**										
	1 3/8	**T1035-1 3/8DECG**										
	1 7/16	**T1035-1 7/16DECG**										
40		**T1040-40DECG**	80.000	21.00	56.33	21.43	60.30	1.00	32500	19900	650	0.82
	1 1/2	**T1040-1 1/2DECG**										
45		**T1045-45DECG**	85.000	22.00	56.33	21.43	63.50	1.00	32500	20500	600	1.08
	1 5/8	**T1045-1 5/8DECG**										
	1 11/16	**T1045-1 11/16DECG**										
	1 3/4	**T1045-1 3/4DECG**										
50		**T1050-50DECG**	90.000	23.00	62.73	24.64	69.90	1.00	35000	23200	550	1.19
	1 7/8	**T1050-1 7/8DECG**										
	1 15/16	**T1050-1 15/16DECG**										
55		**T1055-55DECG**	100.000	25.00	71.42	27.84	76.20	1.50	43500	29200	500	1.40
	2	**T1055-2DECG**										
	2 1/8	**T1055-2 1/8DECG**										
	2 3/16	**T1055-2 3/16DECG**										
60		**T1060-60DECG**	110.000	25.00	77.84	31.04	84.20	1.50	48000	33000	450	1.81
	2 1/4	**T1060-2 1/4DECG**										
	2 7/16	**T1060-2 7/16DECG**										
65		**T1070-65DECG**	125.000	28.00	85.74	34.14	97.00	1.50	61000	45000	400	2.49
70		**T1070-70DECG**										

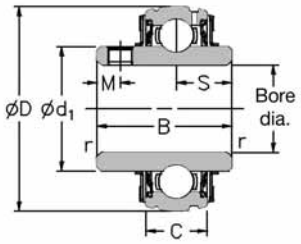
Please check availability

Self-Lube® bearing inserts with flinger seals

1000GFS Series



1000GFS
With spherical outside diameter and integral set screw lock



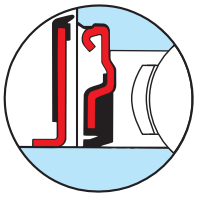
Radius to clear max. fillet radius r

Shaft diameter		RHP designation	Dimensions (mm)							ISO load ratings		Rec. max. speed	Mass (approx.)
mm	inches		D	C	B	s	d1	M	r	dynamic Cr newtons	static Cor newtons	rev/min	kg
25		**1025-25GFS**	52.000	15.00	34.10	14.33	34.00	5.00	1.00	14000	7880	6250	0.17
	7/8	**1025-7/8GFS**											
	15/16	**1025-15/16GFS**											
	1	**1025-1GFS**											
25		**1030-25GFS**	62.000	16.00	38.10	15.93	40.30	5.00	1.00	19500	11300	5300	0.37
30		**1030-30GFS**											
	7/8	**1030-7/8GFS**											
	1	**1030-1GFS**											
	1 1/8	**1030-1 1/8GFS**											
	1 3/16	**1030-1 3/16GFS**											
	1 1/4	**1030-1 1/4GFS**											
30		**1035-30GFS**	72.000	17.00	42.90	17.53	46.90	6.50	1.00	25700	15300	4500	0.51
35		**1035-35GFS**											
	1 3/16	**1035-1 3/16GFS**											
	1 1/4	**1035-1 1/4GFS**											
	1 5/16	**1035-1 5/16GFS**											
	1 3/8	**1035-1 3/8GFS**											
	1 7/16	**1035-1 7/16GFS**											
35		**1040-35GFS**	80.000	18.00	49.20	19.03	52.40	8.00	1.00	32500	19900	4000	0.64
40		**1040-40GFS**											
	1 3/8	**1040-1 3/8GFS**											
	1 7/16	**1040-1 7/16GFS**											
	1 1/2	**1040-1 1/2GFS**											
40		**1045-40GFS**	85.000	19.00	49.20	19.04	57.40	8.00	1.00	32500	20500	3700	0.73
45		**1045-45GFS**											
	1 1/2	**1045-1 1/2GFS**											
	1 5/8	**1045-1 5/8GFS**											
	1 11/16	**1045-1 11/16GFS**											
	1 3/4	**1045-1 3/4GFS**											
45		**1050-45GFS**	90.000	20.00	51.60	19.04	62.40	10.00	1.00	35000	23200	3400	0.91
50		**1050-50GFS**											
	1 11/16	**1050-1 11/16GFS**											
	1 3/4	**1050-1 3/4GFS**											
	1 7/8	**1050-1 7/8GFS**											
	1 15/16	**1050-1 15/16GFS**											
	2	**1050-2GFS**											
50		**1055-50GFS**	100.000	21.00	55.60	22.24	68.90	10.00	1.50	43500	29200	3100	1.12
55		**1055-55GFS**											
	1 7/8	**1055-1 7/8GFS**											
	1 15/16	**1055-1 15/16GFS**											
	2	**1055-2GFS**											
	2 1/8	**1055-2 1/8GFS**											
	2 3/16	**1055-2 3/16GFS**											
55		**1060-55GFS**	110.000	22.00	65.10	25.44	76.00	10.00	1.50	48000	33000	2800	1.47
60		**1060-60GFS**											
	2 3/16	**1060-2 3/16GFS**											
	2 1/4	**1060-2 1/4GFS**											
	2 3/8	**1060-2 3/8GFS**											
	2 7/16	**1060-2 7/16GFS**											

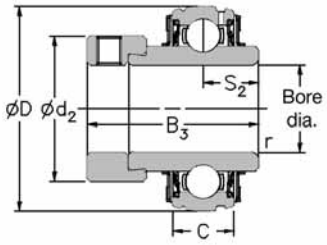
Please check availability

Self-Lube® bearing inserts with flinger seals

1000DECGFS Series



1000DECGFS
With spherical outside diameter
and eccentric collar lock



Radius to clear
max. fillet radius r

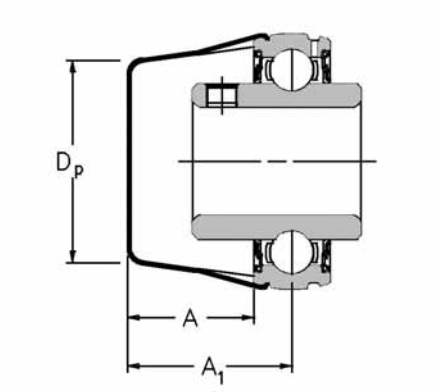
Shaft diameter		RHP designation	Dimensions (mm)						ISO load ratings		Rec. max. speed	Mass (approx.)
mm	inches		D	C	B3	s2	d2	r	dynamic Cr newtons	static Cor newtons	rev/min	kg
25		**1025-25DECGFS**	52.000	15.00	44.43	17.53	38.10	1.00	14000	7880	6250	0.26
	7/8	**1025-7/8DECGFS**										
	15/16	**1025-15/16DECGFS**										
	1	**1025-1DECGFS**										
30		**1030-30DECGFS**	62.000	16.00	48.43	18.33	44.50	1.00	19500	11300	5300	0.53
	1	**1030-1 1/8DECGFS**										
	1 3/16	**1030-1 3/16DECGFS**										
	1 1/4	**1030-1 1/4DECGFS**										
35		**1035-35DECGFS**	72.000	17.00	51.13	18.83	55.60	1.00	25700	15300	4500	0.70
	1 1/4	**1035-1 1/4DECGFS**										
	1 5/16	**1035-1 5/16DECGFS**										
	1 3/8	**1035-1 3/8DECGFS**										
	1 7/16	**1035-1 7/16DECGFS**										
40		**1040-40DECGFS**	80.000	18.00	56.33	21.43	60.30	1.00	32500	19900	4000	0.82
	1 1/2	**1040-1 1/2DECGFS**										
45		**1045-45DECGFS**	85.000	19.00	56.33	21.43	63.50	1.00	32500	20500	3700	1.08
	1 5/8	**1045-1 5/8DECGFS**										
	1 11/16	**1045-1 11/16DECGFS**										
	1 3/4	**1045-1 3/4DECGFS**										
50		**1050-50DECGFS**	90.000	20.00	62.73	24.64	69.90	1.00	35000	23200	3400	1.19
	1 7/8	**1050-1 7/8DECGFS**										
	1 15/16	**1050-1 15/16DECGFS**										
55		**1055-55DECGFS**	100.000	21.00	71.42	27.84	76.20	1.50	43500	29200	3100	1.40
	2	**1055-2DECGFS**										
	2 1/8	**1055-2 1/8DECGFS**										
	2 3/16	**1055-2 3/16DECGFS**										
60		**1060-60DECGFS**	110.000	22.00	77.84	31.04	84.20	1.50	48000	33000	2800	1.72
	2 1/4	**1060-2 1/4DECGFS**										
	2 3/8	**1060-2 3/8DECGFS**										
	2 7/16	**1060-2 7/16DECGFS**										
		1060-2 1/2DECGFS										

Please check availability

Self-Lube® protector

The Protector Range

RHP designation	Dimensions (mm)			Basic bearing insert
	Dp	A	A1	
20P	37.0	23.0	30.0	1020
25P	42.5	23.0	30.5	1025
30P	50.5	26.5	34.5	1030
35P	60.5	28.5	37.0	1035
40P	67.5	30.5	39.5	1040
45P	72.0	30.0	39.5	1045
50P	76.0	32.5	42.5	1050
55P	85.0	37.5	48.0	1055
60P	94.0	40.5	51.5	1060



The following table shows the range of units which can be fitted with a protector and indicates the right protector to select.

Bore size	Self-Lube® unit												
	NP	SFT	SNP	LFTC	FC	ST	BT	SLFEP	SLFTP	MFC	SCHB	NP-K	MP
	NP-A	SFT-A	SNP-A	LFTC-A	FC-A	ST-A	BT-A	SLFEP-A	SLFTP-A		SCH	MP-K	MSF
	NP-EC	SFT-EC	SNP-EC	LFTC-EC	FC-EC	ST-EC	BT-EC	SLFEP-EC	SLFTP-EC			MSF-K	MSFT
	NP-DEC	SFT-DEC	SNP-DEC	LFTC-DEC	FC-DEC	ST-DEC		SLFEP-DEC	SLFTP-DEC			MSFT-K	MST
	SL	SLC	CNP	SLFLP								MST-K	MSC
	SL-A	SLC-A	CNP-A	SLFLP-A									
	SL-EC	SLC-EC	CNP-EC	SLFLP-EC									
	SL-DEC	SLC-DEC	CNP-DEC	SLFLP-DEC									
	SF												
	SF-A												
	SF-EC												
	SF-DEC												
20, ¾	20P	20P	20P	20P	20P	20P	–	20P	–	–	20P	20P	–
25, ⅞, 15⁄16, 1	25P	25P	25P	25P	25P	25P	25P	25P	25P	30P	30P	30P	30P
30, 1⅛	30P	30P	30P	30P	30P	30P	–	30P	30P	30P	30P	35P	35P
1 3⁄16	30P	30P	30P	30P	30P	30P	–	30P	30P	35P	35P	35P	35P
1¼	35P	35P	35P	35P	35P	35P	35P	30P	30P	35P	35P	40P	35P
35, 1⅜	35P	35P	35P	35P	35P	35P	35P	35P	35P	40P	35P	40P	40P
1 7⁄16	35P	35P	35P	35P	35P	35P	35P	35P	35P	40P	40P	45P	40P
40, 1½	40P	40P	40P	–	40P	40P	–	40P*	–	40P	40P	45P	45P
45, 1⅝	45P	45P	45P	–	45P	45P	–	45P*	–	50P	50P	50P	50P
1 11⁄16, 1¾	45P	45P	45P	–	45P	45P	–	45P*	–	50P	50P	50P	50P
50, 1⅞, 1 15⁄16	50P	50P	–	–	50P	50P	–	50P*	–	55P	50P	55P	55P
2	55P	55P	–	–	55P	55P	–	55P*	–	55P	50P	55P	55P
55, 2 1⅛, 2 3⁄16	55P	55P	–	–	55P	55P	–	55P*	–	60P	60P	–	60P
2¼	60P	60P	–	–	60P	60P	–	60P*	–	60P	60P	–	60P
60, 2⅜, 2 7⁄16	60P	60P	–	–	60P	60P	–	60P*	–	–	60P	–	–

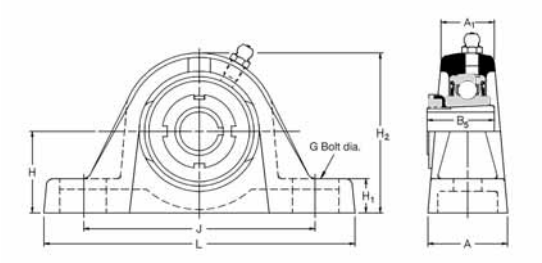
* Please check availability of units (protectors are available, but special SLFEP flangettes may not be).

Note 1: The appropriate protector is determined by the basic bearing insert group.

Note 2: When a pressing from the series SLFL, SLFE or SLFT is fitted with a protector, the unit reference includes the letter “P”, e.g. SLFEP–25EC.

Self-Lube® cast iron pillow block units with adapter sleeves

NP1000-K Series



NP1000-K

Shaft diameter		RHP designation complete unit	Sleeve, nut & lockwasher only	Unit without sleeve, nut & lockwasher	Basic bearing insert	Casting group	Dimensions (mm)				Bolt centres	
mm	inches						L	H	H1	H2	J_{max}	J_{min}
20		**NP1025-20K**	**H305**	**NP1025K**	1025	3	139*	36.50	16.0	71.0	112.7	96.8
	¾	**NP1025-¾K**	**HE305-¾**									
25		**NP1030-25K**	**H306**	**NP1030K**	1030	4	160.5	42.90	17.7	82.7	129.5	108.5
	15/16	**NP1030-15/16K**	**HE306-15/16**									
	1	**NP1030-1K**	**HE306-1**									
30		**NP1035-30K**	**H307**	**NP1035K**	1035	5	166.0	47.60	17.5	93.0	136.5	121.5
	1⅛	**NP1035-1⅛K**	**HE307-1⅛**									
	1 3/16	**NP1035-1 3/16K**	**HE307-1 3/16**									
35		**NP1040-35K**	**H308**	**NP1040K**	1040	6	180.5	49.20	18.5	98.5	148.0	127.0
	1¼	**NP1040-1¼K**	**HE308-1¼**									
	1⅜	**NP1040-1⅜K**	**HE308-1⅜**									
40		**NP1045-40K**	**H309**	**NP1045K**	1045	7	190.5	54.00	20.0	108.0	154.5	140.5
	1 7/16	**NP1045-1 7/16K**	**HE309-1 7/16**									
	1½	**NP1045-1½K**	**HE309-1½**									
45		**NP1050-45K**	**H310**	**NP1050K**	1050	8	206.0	57.20	21.0	115.2	163.0	154.0
	1 11/16	**NP1050-1 11/16K**	**HE310-1 11/16**									
	1¾	**NP1050-1¾K**	**HE310-1¾**									
50		**NP1055-50K**	**H311**	**NP1055K**	1055	9	219.5	63.50	24.8	129.5	178.5	162.5
	1 15/16	**NP1055-1 15/16K**	**HE311-1 15/16**									
	2	**NP1055-2K**	**HE311-2**									

Please check availability