

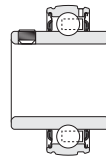
Self-Lube® Bearing Units



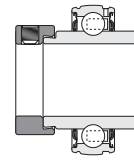
Standard unit references

Insert Type

Housing Type



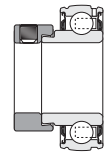
1000G



1000DECG



1200G



1200ECG

Cast iron one piece



Page

80

82

83

84

24

NP

NP-DEC

NP-A

NP-EC

30

SL

SL-DEC

SL-A

SL-EC

32

MP



36

SNP

SNP-DEC

SNP-A

SNP-EC

36

CNP

CNP-DEC

CNP-A

CNP-EC



38

SF

SF-DEC

SF-A

SF-EC

40

MSF



44

SFT

SFT-DEC

SFT-A

SFT-EC

46

MSFT



50

LFTC

LFTC-DEC

LFTC-A

LFTC-EC



52

FC

FC-DEC

FC-A

FC-EC



54

MFC



56

ST

ST-DEC

ST-A

ST-EC

58

MST



62

BT

BT-A

BT-EC



64

SLC

SLC-DEC

SLC-A

SLC-EC

66

MSC



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

LPB

LPB-DEC

LPB-A

LPB-EC

78

LPBR

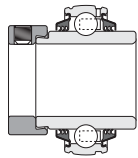
LPBR-DEC

LPBR-A

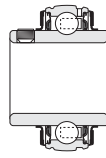
LPBR-EC



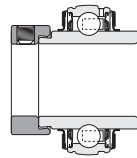
T1000G



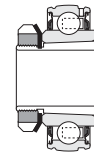
T1000DECG



1000GFS



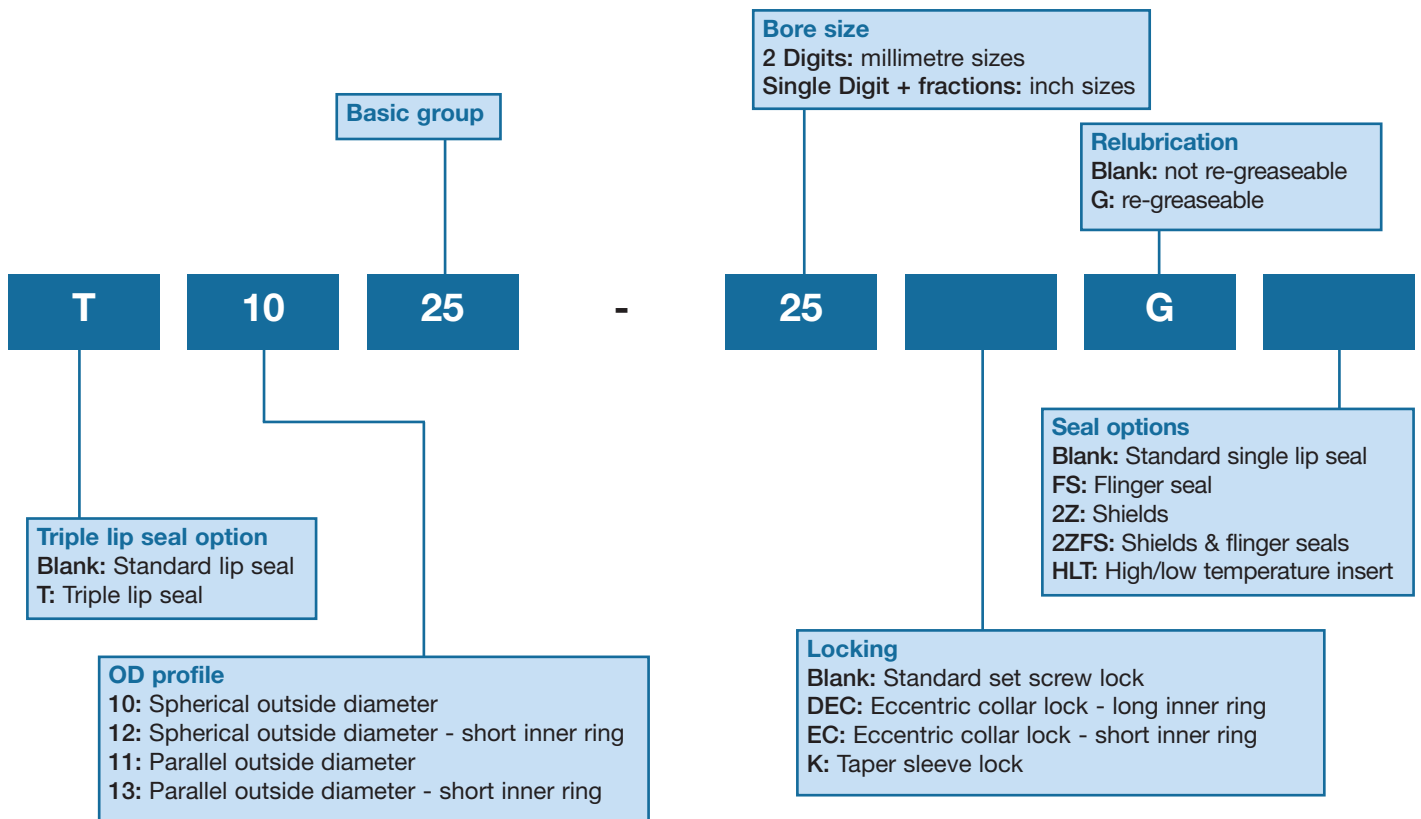
1000DECGFS



1000KG

				Page
88	90	91	92	
TNP TSL TMP	TNP-DEC TSL-DEC	NP-FS SL-FS MP-FS	NP-DECFS SL-DECFS	NP1000-K MP1000-K
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
TSFT TMSFT	TSFT-DEC	SFT-FS MSFT-FS	SFT-DECFS	MSFT1000-K
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
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 1/8" BSP grease nipple (standard is 1/4" 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.

Flinger seal

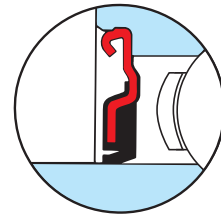
Where extra protection is required without loss of bearing catalogue speed, the 'Flinger seal' is ideal. It consists of a steel flange to which is bonded a flexible nitrile sealing lip. They are offered for the 1000G and 1000DECG types and are identified with the suffix FS (e.g. 1025-25GFS,NP25FS). The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

Triple lip seal

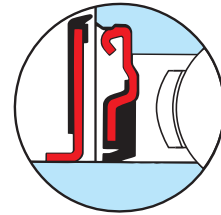
For applications with a degree of contamination, the specially developed RHP triple lip seal is recommended. It consists of a one-piece moulded nitrile seal with three sealing lips, bonded to a protective steel outer pressing which is strongly secured in the outer ring making a highly efficient sealing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

Lubrication

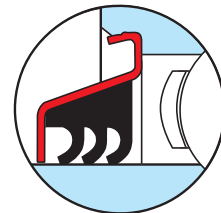
Unit	Unit temperature range	Grease	Supplier
Standard insert	-20°C to +110°C	Alvania S2	Shell
HLT insert	-40°C to 180°C	Kluberquiet BQH72-102	Kluber



Single lip seal (standard)



Single lip seal + flinger seal



Triple lip seal

Shaft locking arrangements

Set screw lock

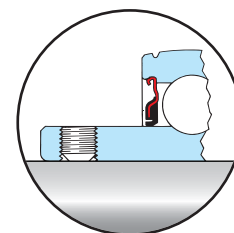
This locking arrangement consists of two knurled cup-point, self-locking, socket-head set screws fitted in the extended inner ring.

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.

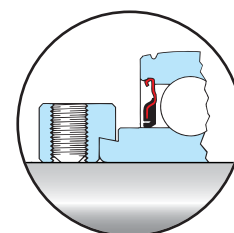


Set screw lock

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.



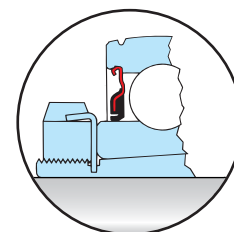
Eccentric collar lock

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	1/4UNF	M6 x 0.75	1/4UNF	M6 x 0.75
1020	1/4UNF	M6 x 0.75	1/4UNF	M6 x 0.75
1025	1/4UNF	M6 x 0.75	1/4UNF	M6 x 0.75
1030	1/4UNF	M6 x 0.75	5/16UNF	M8 x 1.00
1035	5/16UNF	M8 x 1.00	5/16UNF	M8 x 1.00
1040	5/16UNF	M8 x 1.00	3/8UNF	M10 x 1.25
1045	5/16UNF	M8 x 1.00	3/8UNF	M10 x 1.25
1050	3/8UNF	M10 x 1.25	3/8UNF	M10 x 1.25
1055	3/8UNF	M10 x 1.25	3/8UNF	M10 x 1.25
1060	3/8UNF	M10 x 1.25	3/8UNF	M10 x 1.25
1065	3/8UNF	M10 x 1.25	3/8UNF	M10 x 1.25
1070	7/16UNF	M12 x 1.50	3/8UNF	M10 x 1.25
1075	7/16UNF	M12 x 1.50	3/8UNF	M10 x 1.25
1080	7/16UNF	M12 x 1.50	–	–
1085	7/16UNF	M12 x 1.50	–	–
1090	1/2UNF	M12 x 1.50	–	–
3095	5/8UNF	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

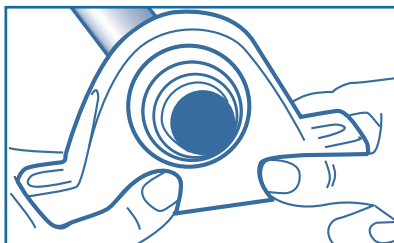
Note: For axial loads in excess of the values listed a shouldered shaft against the face of the inner ring is recommended.

Recommended tightening torques for adapter sleeve units

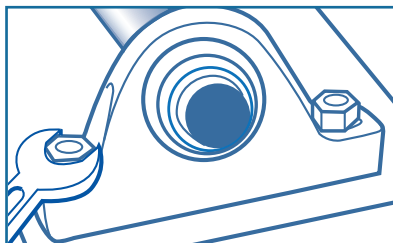
Sleeve bore size	Tightening torques	
	Nm	lbf-ins
20mm, 3/4"	30	265
25mm, 15/16", 1"	40	355
30mm, 1 1/8", 1 3/16"	50	440
35mm, 1 1/4", 1 3/8"	60	530
40mm, 1 7/16", 1 1/2"	65	575
45mm, 1 11/16", 1 3/4"	75	660
50mm, 1 15/16", 2"	85	750

Mounting instructions for Self-Lube® bearing units

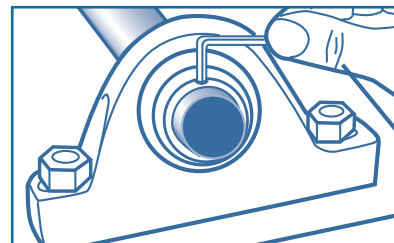
Self-Lube® set screw locking arrangement units



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

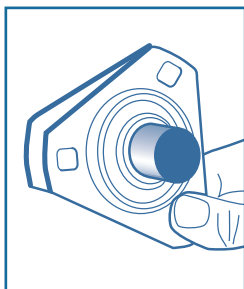


2. Bolt the unit down on to a flat surface but do not over-tighten.

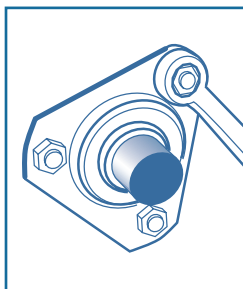


3. Tighten set screws to recommended torque.

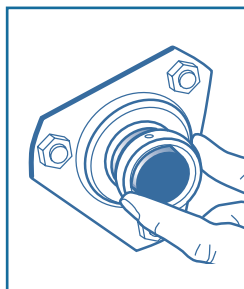
Self-Lube® eccentric collar locking arrangements units



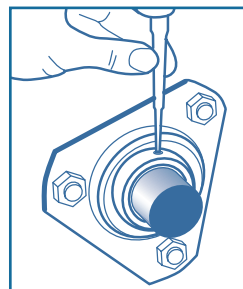
1. Assemble bearing and housing and slide onto the shaft. Do not engage collar.



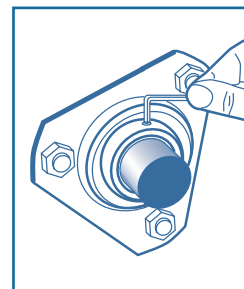
2. Lightly tighten bolts, repeat at other end of shaft and then finally tighten bolts on both sides.



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



4. Tighten collar with drift pin and small hammer.



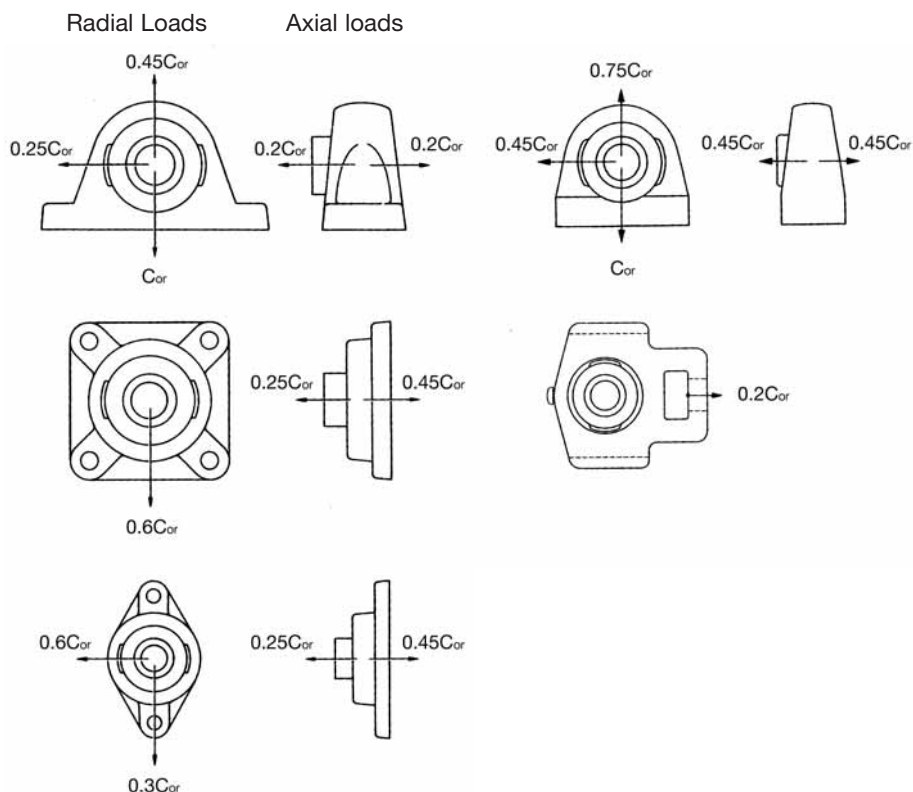
5. Tighten collar set screw to recommended torque.

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			
mm above	incl.	0.001mm units		0.0001 inch units	
		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 rev/min	Shaft tolerance ISO h6				Max. speed rev/min	Shaft tolerance ISO h7				Max. speed rev/min	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	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	
1017	12-17	1/2-1 1/16	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	1 3/16-1	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 1/16	2450	0	-19	0	-7	1400	0	-30	0	-12	300	0	-74	0	-29	
1075	65-75	2 1/16-2 5/16	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

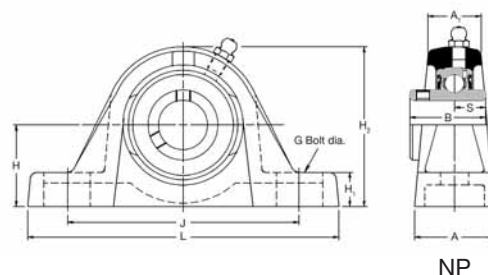
Bearing unit reference	Housing tolerance	
	Stationary housing	Rotating housing
SLC MSC	ISO H7	ISO N7
FC MFC	ISO H7	ISO H7

Self-Lube® Bearing Tables



Self-Lube[®] cast iron pillow block units

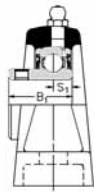
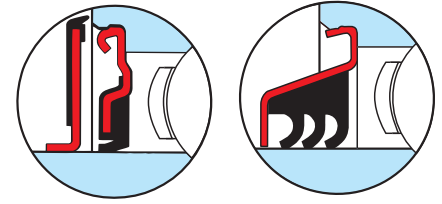
NP Series



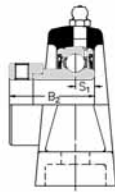
NP

Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions (mm)				Bolt centres				
					L	H	H1	H2	J _{max}	J _{min}			
mm	inches												
12 15 16 17	1/2 5/8	NP12 NP15 NP16 NP17 NP1 1/2 NP 5/8	NP12EC NP15EC NP16EC NP17EC NP 1 1/2 EC NP 5/8 EC	1017	1	126.5	30.20	14.2	57.2	100.5	85.5		
20	3/4	NP20 NP	NP20A NP 3/4 A	NP20EC NP 3/4 EC	NP20DEC NP 3/4 DEC	1020	2	127.0	33.30	14.0	65.2	100.5	88.5
25	7/8 15/16 1	NP25 NP 7/8 NP 15/16 NP1	NP25A	NP25EC NP 7/8 EC NP 15/16 EC NP1EC	NP25DEC NP 7/8 DEC NP 15/16 DEC NP1DEC	1025	3	139.0	36.50	16.0	71.0	112.7	96.8
30	1 1/8 1 3/16 1 1/4	NP30 NP 1 1/8 NP 1 3/16 NP 1 1/4	NP30A NP1 4AR	NP30EC NP 1 1/8 EC NP 1 3/16 EC NP 1 1/4 EC	NP30DEC NP 1 1/8 DEC NP 1 3/16 DEC NP 1 1/4 DEC	1030	4	160.5	42.90	17.7	82.7	129.5	108.5
35	1 1/4 1 3/8 1 7/16	NP35 NP 1 1/4 NP 3/8 NP 7/16	NP35A NP 1 1/4 A	NP35EC NP 1 1/4 EC NP 3/8 EC NP 7/16 EC	NP35DEC NP 1 1/4 DEC NP 3/8 DEC NP 7/16 DEC	1035	5	166.0	47.60	17.5	93.0	136.5	121.5
40	1 1/2	NP40 NP 1 1/2	NP40A NP 1 1/2 A	NP40EC NP 1 1/2 EC	NP40DEC NP 1 1/2 DEC	1040	6	180.5	49.20	18.5	98.5	148.0	127.0
45	1 5/8 1 11/16 1 3/4	NP45 NP 1 5/8 NP 1 11/16 NP 1 3/4	NP45A NP 1 3/4 A	NP45EC NP 1 5/8 EC NP 1 11/16 EC NP 1 3/4 EC	NP45DEC NP 1 5/8 DEC NP 1 11/16 DEC NP 1 3/4 DEC	1045	7	190.5	54.00	20.0	108.0	154.5	140.5
50	1 7/8 1 15/16 2	NP50 NP 1 7/8 NP 1 15/16 NP2R	NP50A	NP50EC NP 1 7/8 EC NP 1 15/16 EC	NP50DEC NP 1 7/8 DEC NP 1 15/16 DEC NP2DECR	1050	8	206.0	57.20	21.0	115.2	163.0	154.0
55	2 2 1/8 2 3/16	NP55 NP2 NP 2 1/8 NP 2 3/16			NP55DEC NP2DEC NP 2 1/8 DEC NP 2 3/16 DEC	1055	9	219.5	63.50	24.8	129.5	178.5	162.5
60	2 1/4 2 3/8 2 7/16	NP60 NP 2 1/4 NP 2 3/8 NP 2 7/16			NP60DEC NP 2 1/4 DEC NP 2 3/8 DEC NP 2 7/16 DEC	1060	10	240.0	69.90	26.3	142.3	201.0	176.0

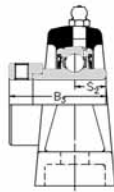
Please check availability



NP-A



NP-EC



NP-DEC

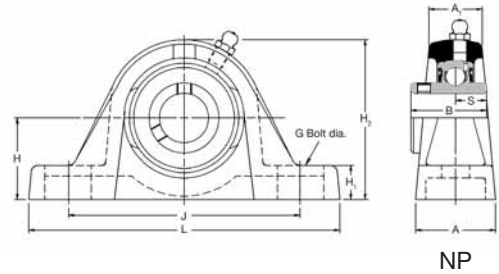
Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix 'FS', e.g. NP40FS.

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.

	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

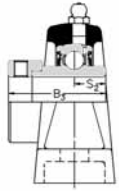
NP Series (continued)



NP

Shaft diameter		RHP designation		Basic bearing insert	Casting group	Dimensions (mm)				Bolt centres	
						L	H	H1	H2	J _{max}	J _{min}
mm	inches										
65	2½	NP65 NP2½	NP65DEC NP2½DEC	1065	10/65	250.0	69.90	26.3	144.3	205.0	176.0
70	2 ¹¹ / ₁₆	NP70 NP2¹¹/₁₆	NP70DEC	1070	11	266.0	79.40	30.2	156.0	220.0	200.0
75	2¾ 2 ⁷ / ₈ 2 ¹⁵ / ₁₆ 3	NP75 NP2¾ NP2⁷/₈ NP2¹⁵/₁₆ NP3	NP75DEC	1075	12	275.0	82.60	28.0	164.0	228.0	206.0
80	3	NP80 NP3L		1080	13	291.0	88.90	30.0	174.0	241.0	214.0
85	3¼ 3 ³ / ₈	NP85 NP3¼ NP3³/₈		1085	14	310.0	95.20	32.0	187.0	262.0	232.0
90	3 ⁷ / ₁₆ 3½	NP90 NP3⁷/₁₆ NP3½		1090	15	327.0	101.60	36.0	200.0	280.0	244.0

Please check availability



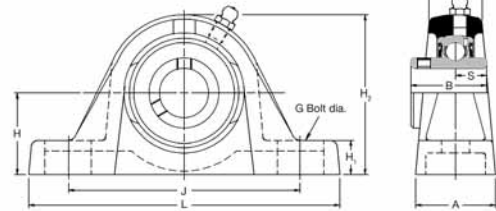
NP-DEC

	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

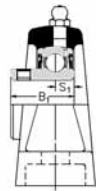
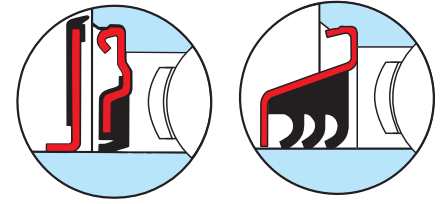
SL Series



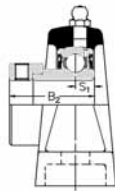
SL

Shaft diameter	RHP designation	Basic bearing insert	Casting group	Dimensions (mm)				Bolt centres		
				L	H	H1	H2	J _{max}	J _{min}	
mm	inches									
12 15 16 17	SL12 SL15 SL16 SL17 SL1½ SL5⁄8	SL12EC SL15EC SL16EC SL17EC SL½EC SL5⁄8EC	1017	1	119.0	26.97	11.0	54.0	91.5	85.5
20	SL20 SL¾	SL20A SL¾A	1020	2	126.5	31.75	12.5	63.7	100.5	88.5
25	SL25 SL7⁄8 SL15⁄16 SL1	SL25A SL1A	1025	3	139.0	33.32	12.8	67.8	110.2	98.2
30	SL30 SL1⅝ SL1¾ SL1¼R	SL30A SL1¼AR	1030	4	161.5	39.67	14.5	79.5	130.0	109.0
35	SL35 SL1¼ SL1⅜ SL17⁄16	SL35A SL1¼A	1035	5	166.0	46.02	16.0	91.5	136.5	121.5
40	SL40 SL1½	SL40A SL1½A	1040	6	180.5	49.20	18.5	98.5	148.0	127.0
45	SL45 SL1⅝ SL111⁄16 SL1¾	SL45A SL1¾A	1045	7	197.5	52.37	18.4	106.4	161.5	141.5
50	SL50 SL17⁄8 SL115⁄16 SL2R	SL50A	1050	8	214.0	55.55	19.3	114.0	177.0	151.0
55	SL55 SL2 SL2⅝ SL2¾		1055	9	219.5	61.90	23.2	128.0	178.5	162.5
60	SL60 SL2¼ SL2⅝ SL27⁄16		1060	10	240.0	68.25	24.6	140.6	201.0	176.0
65	SL65R SL2½		1065	10/65	250.0	68.25	24.6	142.6	205.0	176.0
65 70 75	SL65 SL70 SL75 SL211⁄16 SL2¾ SL2⅞ SL215⁄16		1075	11	286.0	82.55	28.0	165.5	241.5	200.5

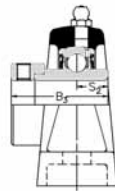
Please check availability



SL-A



SL-EC



SL-DEC

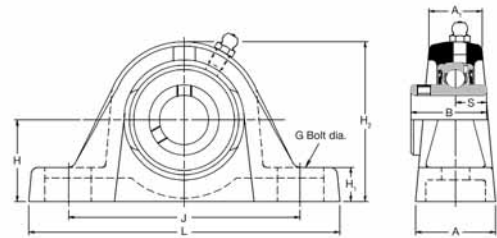
Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix 'FS', e.g. SL35FS.

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.

	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

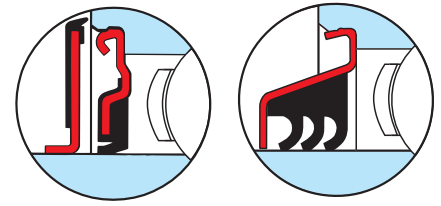
MP Series



MP

Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions (mm)				Bolt centres	
					L	H	H1	H2	J _{max}	J _{min}
mm	inches									
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 MP1³/₁₆ MP1¹/₄	1035	2	166.0	47.60	17.5	93.0	136.5	121.5
35	1 ³ / ₈ 1 ⁷ / ₁₆	MP35 MP1³/₈ MP1⁷/₁₆	1040	3	203.2	53.98	23.0	107.5	160.0	135.0
40	1 ¹ / ₂	MP40 MP1¹/₂	1045	4	222.2	58.72	22.5	116.7	172.5	145.0
45	1 ¹¹ / ₁₆ 1 ³ / ₄	MP45 MP1¹¹/₁₆ MP1³/₄	1050	5	222.2	58.72	22.5	116.7	172.5	145.0
50	1 ⁷ / ₈ 1 ¹⁵ / ₁₆ 2	MP50 MP1⁷/₈ MP1¹⁵/₁₆ MP2	1055	6	219.5	63.50	24.8	129.5	178.5	162.5
55	2 ³ / ₁₆ 2 ¹ / ₄	MP55 MP2³/₁₆ MP2¹/₄	1060	7	249.5	69.85	26.2	142.2	201.0	179.0
60 65	2 ⁷ / ₁₆ 2 ¹ / ₂	MP60 MP65 MP2⁷/₁₆ MP2¹/₂	1070	8	266.0	76.20	27.0	153.0	224.5	189.5
65 70	2 ¹¹ / ₁₆ 2 ³ / ₄	MP65 MP70 MP2¹¹/₁₆ MP2³/₄	1075	9	330.2	88.90	28.6	177.8	255.6	206.0
75	2 ¹⁵ / ₁₆ 3	MP75 MP2¹⁵/₁₆ MP3	1080	10	330.2	88.90	31.8	184.2	255.6	228.0
80	3 ³ / ₁₆ 3 ¹ / ₄	MP80 MP3³/₁₆ MP3¹/₄	1085	11	381.0	101.60	31.8	203.2	317.5	260.0
85 90	3 ⁷ / ₁₆ 3 ¹ / ₂	MP85 MP90 MP3⁷/₁₆ MP3¹/₂	1090	12	381.0	101.60	33.3	209.6	319.1	246.1
95 100	3 ¹⁵ / ₁₆ 4	MP95 MP100 MP3¹⁵/₁₆ MP4	3095	13	431.8	127.00	33.3	254.0	371.5	301.6

Please check availability



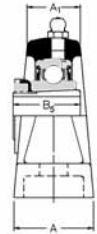
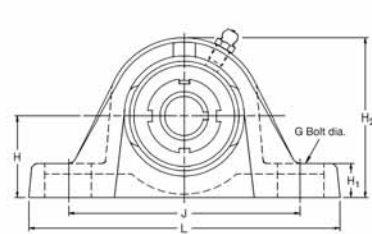
Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix 'FS', e.g. MP40FS.

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 rev/min	Mass (approx.) kg
	G	A	A1	B	s	dynamic Cr newtons	static Cor newtons		
	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	
						L	H	H1	H2	J _{max}	J _{min}
mm	inches										
25	MP1030-25K MP1030-1⁵/₁₆K MP1030-1K	H306 HE306-1⁵/₁₆ HE306-1	MP1030K	1030	1	160.5	44.45	19.3	87.4	127.5	108.5
30	MP1035-30K MP1035-1¹/₈K MP1035-1³/₁₆K	H307 HE307-1¹/₈ HE307-1³/₁₆	MP1035K	1035	2	166.0	47.60	17.5	93.0	136.5	121.5
35	MP1040-35K MP1040-1¹/₄K MP1040-1³/₈K	HE308 HE308-1¹/₄ HE308-1³/₈	MP1040K	1040	3	203.2	53.98	23.0	106.4	160.0	135.0
40	MP1045-40K MP1045-1⁷/₁₆K MP1045-1¹/₂K	HE309 HE309-1⁷/₁₆ HE309-1¹/₂	MP1045K	1045	4	222.2	58.72	22.5	116.7	172.5	145.0
45	MP1050-45K MP1050-1¹¹/₁₆K MP1050-1³/₄K	HE310 HE310-1¹¹/₁₆ HE310-2	MP1050K	1050	5	222.2	58.72	22.5	116.7	172.5	145.0
50	MP1055-50K MP1055-1¹⁵/₁₆K MP1055-2K	H311 HE311-1¹⁵/₁₆ HE311-2	MP1055K	1055	6	219.5	63.50	24.8	129.5	178.5	162.5

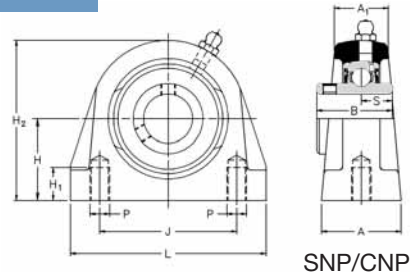
Please check availability

	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

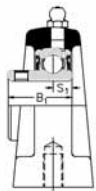
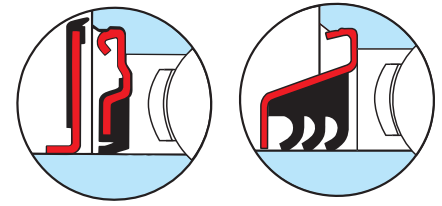
SNP Series (metric thread)
CNP Series (UNC thread)**

**These units are identical to SNP series except for thread details

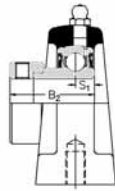


Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)				Bolt centres	
								L	H	H1	H2	J	SNP
mm	inches												
20	3/4	SNP20 SNP3/4	SNP20A SNP3/4A	SNP20EC SNP3/4EC	SNP20DEC SNP3/4DEC	1020	2	65.0	33.30	13.5	65.8	50.8	M8x1.25
25	7/8 15/16 1	SNP25 SNP7/8 SNP15/16 SNP1	SNP25A SNP1A	SNP25EC SNP7/8EC SNP15/16EC SNP1EC	SNP25DEC SNP7/8DEC SNP15/16DEC SNP1DEC	1025	3	70.0	36.50	13.5	71.5	50.8	M10x1.50
30	1 1/8 1 3/16 1 1/4	SNP30 SNP1 1/8 SNP1 3/16 SNP1 1/4R	SNP30A SNP1 1/4AR	SNP30EC SNP1 1/8EC SNP1 3/16EC SNP1 1/4ECR	SNP30DEC SNP1 1/8DEC SNP1 3/16DEC SNP1 1/4DECR	1030	4	96.0	42.90	16.5	83.9	76.2	M10x1.50
35	1 1/4 1 3/8 1 7/16	SNP35 SNP1 1/4 SNP1 3/8 SNP1 7/16	SNP35A SNP1 1/4A	SNP35EC SNP1 1/4EC SNP1 3/8EC SNP1 7/16EC	SNP35DEC SNP1 1/4DEC SNP1 3/8DEC SNP1 7/16DEC	1035	5	110.0	47.60	19.5	95.6	82.6	M10x1.50
40	1 1/2	SNP40 SNP1 1/2	SNP40A SNP1 1/2A	SNP40EC SNP1 1/2EC	SNP40DEC SNP1 1/2DEC	1040	6	118.0	49.20	19.5	101.7	88.9	M12x1.75
45	1 5/8 1 11/16 1 3/4	SNP45 SNP1 5/8 SNP1 11/16 SNP1 3/4	SNP45A SNP1 3/4A	SNP45EC SNP1 5/8EC SNP1 11/16EC SNP1 3/4EC	SNP45DEC SNP1 5/8DEC SNP1 11/16DEC SNP1 3/4DEC	1045	7	127.0	54.00	19.5	110.0	95.3	M12x1.75
50	1 7/8 1 15/16 2	SNP50 SNP1 7/8 SNP1 15/16 SNP2R	SNP50A	SNP50EC SNP1 7/8EC SNP1 15/16EC	SNP50DEC SNP1 7/8DEC SNP1 15/16DEC	1050	8	135.0	57.20	23.5	115.0	101.6	M16x2.00
55	2 2 1/8 2 3/16	SNP55 SNP2 SNP2 1/8 SNP2 3/16			SNP55DEC SNP2DEC SNP2 1/8DEC SNP2 3/16DEC	1055	9	154.0	63.50	26.5	130.0	118.0	M16x2.00
60	2 1/4 2 3/8 2 7/16	SNP60 SNP2 1/4 SNP2 3/8 SNP2 7/16			SNP60DEC SNP2 1/4DEC SNP2 3/8DEC SNP2 7/16DEC	1060	10	154.0	69.90	26.5	141.5	118.0	M16x2.00

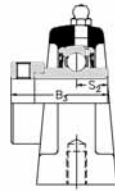
Please check availability



SNP-A
CNP-A



SNP-EC
CNP-EC



SNP-DEC
CNP-DEC

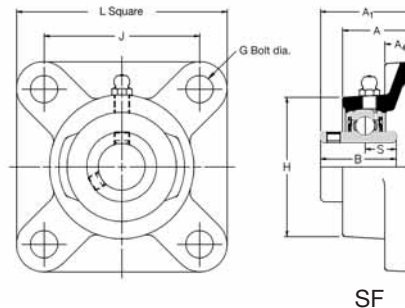
Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix 'FS', e.g. SNP25FS.

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.

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
$\frac{3}{8}$ -16UNC	32.0	22.5	31.00	25.80	31.03	43.73	12.73	7.53	17.13	12800	6650	6700	0.9	
$\frac{3}{8}$ -16UNC	36.0	25.0	34.10	27.30	31.03	44.43	14.33	7.53	17.53	14000	7880	6250	1.2	
$\frac{7}{16}$ -14UNC	40.0	26.5	38.10	31.20	35.73	48.43	15.93	9.03	18.33	19500	11300	5300	1.8	
$\frac{1}{2}$ -13UNC	45.0	30.0	42.90	34.90	38.93	51.13	17.53	9.53	18.83	25700	15300	4500	2.4	
$\frac{1}{2}$ -13UNC	47.0	32.0	49.20	41.20	43.73	56.33	19.03	11.03	21.43	32500	19900	4000	2.8	
$\frac{1}{2}$ -13UNC	48.0	33.0	49.20	41.20	43.73	56.33	19.04	11.04	21.43	32500	20500	3700	3.5	
$\frac{5}{8}$ -11UNC	54.0	34.0	51.60	43.50	43.73	62.73	19.04	11.04	24.64	35000	23200	3400	3.3	
$\frac{5}{8}$ -11UNC	60.0	41.5	55.60	-	-	71.42	22.24	-	27.84	43500	29200	3100	4.0	
$\frac{5}{8}$ -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

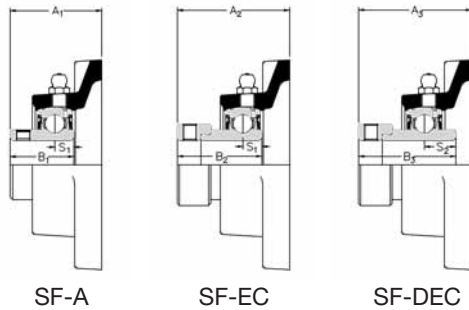
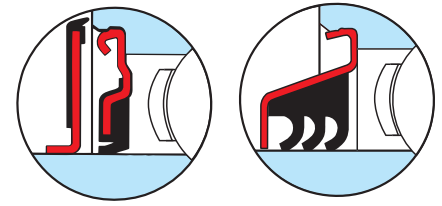
SF Series



SF

Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions (mm)							
					L	H	J	G	A	A1		
mm	inches											
12 15 16 17	1/2 5/8	SF12 SF15 SF16 SF17 SF1/2 SF5/8	SF12EC SF15EC SF16EC SF17EC SF1/2EC SF5/8EC	1017	1	76.2	52.5	54.00	10	24.6	32.87	
20	3/4	SF20 SF3/4	SF20A SF3/4A SF20EC SF3/4EC	SF20DEC SF3/4DEC	1020	2	85.7	60.3	63.50	10	27.8	37.26
25	7/8 15/16 1	SF25 SF7/8 SF15/16 SF1	SF25A SF25EC SF7/8EC SF15/16EC SF30EC	SF25DEC SF7/8DEC SF15/16DEC SF1DEC	1025	3	95.3	68.0	70.00	10	28.6	38.84
30	1 1/8 1 3/16 1 1/4	SF30 SF1 1/8 SF1 3/16 SF1 1/4R	SF30A SF1 1/8EC SF1 3/16EC SF1 1/4ECR	SF30DEC SF1 1/8DEC SF1 3/16DEC SF1 1/4DECR	1030	4	108.0	82.6	82.50	10	29.8	42.21
35	1 1/4 1 3/8 1 7/16	SF35 SF1 1/4 SF1 3/8 SF1 7/16	SF35A SF1 1/4A SF35EC SF1 1/4EC SF1 3/8EC SF1 7/16EC	SF35DEC SF1 1/4DEC SF1 3/8DEC SF1 7/16DEC	1035	5	117.5	95.3	92.00	12	31.4	46.41
40	1 1/2	SF40 SF1 1/2	SF40A SF1 1/2A SF40EC SF1 1/2EC	SF40DEC SF1 1/2DEC	1040	6	130.2	101.6	101.50	12	34.9	54.18
45	1 5/8 1 11/16 1 3/4	SF45 SF1 5/8 SF1 11/16 SF1 3/4	SF45A SF45EC SF1 5/8EC SF1 11/16EC SF1 3/4EC	SF45DEC SF1 5/8DEC SF1 11/16DEC SF1 3/4DEC	1045	7	136.5	111.1	105.00	16	35.3	54.18
50	1 7/8 1 15/16 2	SF50 SF1 7/8 SF1 15/16 SF2R	SF50A SF50EC SF1 7/8EC SF1 15/16EC	SF50DEC SF1 7/8DEC SF1 15/16DEC	1050	8	142.9	115.9	111.00	16	39.7	60.53
55	2 2 1/8 2 3/16	SF55 SF2 SF2 1/8 SF2 3/16	SF55DEC SF2DEC SF2 1/8DEC SF2 3/16DEC	1055	9	161.9	127.0	130.00	16	43.7	64.31	
60	2 1/4 2 3/8 2 7/16	SF60 SF2 1/4 SF2 3/8 SF2 7/16	SF60DEC SF2 1/4DEC SF2 3/8DEC SF2 7/16DEC	1060	10	174.5	138.1	143.00	16	47.6	73.69	
65	2 1/2	SF65R SF2 1/2	SF65DEC SF2 1/2DEC	1065	10/65	174.5	149.5	143.00	16	47.6	73.69	
65 70	2 5/8 2 11/16	SF65 SF70 SF2 5/8 SF2 11/16	SF65DEC SF70DEC SF2 5/8DEC SF2 11/16DEC	1070	11	187.5	155.5	149.22	16	47.6	77.72	
75	2 3/4 2 7/8 2 15/16 3	SF75 SF2 3/4 SF2 7/8 SF2 15/16 SF3	SF75DEC SF2 3/4DEC SF2 7/8DEC SF2 15/16DEC	1075	12	196.5	158.5	152.40	20	51.3	80.90	

Please check availability



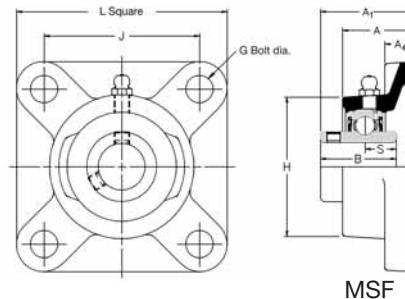
Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix 'FS', e.g. SF25FS.

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.

	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

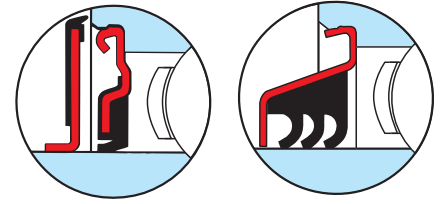
MSF Series



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 MSF1³/₁₆ MSF1¹/₄	1035	2	117.5	95.3	92.00
35	1 ³ / ₈ 1 ⁷ / ₁₆	MSF35 MSF1³/₈ MSF1⁷/₁₆	1040	3	130.2	101.6	101.50
40	1 ¹ / ₂	MSF40 MSF1¹/₂	1045	4	136.5	111.1	105.00
45	1 ¹¹ / ₁₆ 1 ³ / ₄	MSF45 MSF1¹¹/₁₆ MSF1³/₄	1050	5	142.9	115.9	111.00
50	1 ⁷ / ₈ 1 ¹⁵ / ₁₆ 2	MSF50 MSF1⁷/₈ MSF1¹⁵/₁₆ MSF2	1055	6	161.9	127.0	130.00
55	2 ³ / ₁₆ 2 ¹ / ₄	MSF55 MSF2³/₁₆ MSF2¹/₄	1060	7	174.5	138.1	143.00
60	2 ⁷ / ₁₆ 2 ¹ / ₂	MSF60 MSF2⁷/₁₆ MSF2¹/₂	1070	8	187.6	155.5	149.22
65 70	2 ¹¹ / ₁₆ 2 ³ / ₄	MSF65 MSF70 MSF1¹¹/₁₆ MSF2³/₄	1075	9	196.5	158.5	152.40
75	2 ¹⁵ / ₁₆ 3	MSF75 MSF2¹⁵/₁₆ MSF3	1080	10	196.5	173.5	152.40
80	3 ³ / ₁₆ 3 ¹ / ₄	MSF80 MSF3³/₁₆ MSF3¹/₄	1085	11	213.5	184.0	171.45
85 90	3 ⁷ / ₁₆ 3 ¹ / ₂	MSF85 MSF90 MSF3⁷/₁₆ MSF3¹/₂	1090	12	213.5	196.5	171.45
95 100	3 ¹⁵ / ₁₆ 4	MSF95 MSF100 MSF3¹⁵/₁₆ MSF4	3095	13	267.5	235.5	211.12

Please check availability



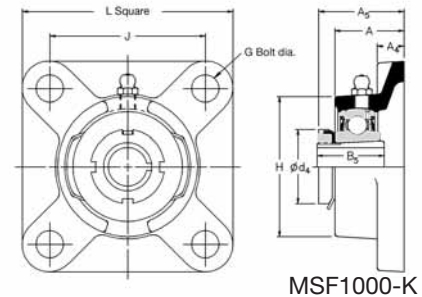
Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix 'FS', e.g. MSF35FS.

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



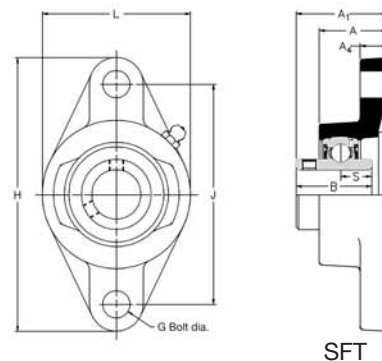
Shaft diameter	RHP designation complete unit	Sleeve, nut & lockwasher only	Unit without sleeve, nut & lockwasher	Basic bearing	Casting group insert	Dimensions (mm)		
						L	H	J
mm	inches							
20	MSF1025-20K MSF1025-³/₄K	H305 HE305³/₄	MSF1025K	1025	SF3	95.3	68.0	70.0
25	MSF1030-25K MSF1030-¹⁵/₁₆K MSF1030-1K	H306 HE306-¹⁵/₁₆ HE306-1	MP1030K	1030	1	108.0	82.6	82.5
30	MSF1035-30K MSF1035-1¹/₈K MSF1035-1³/₁₆K	H307 HE307-1¹/₈ HE307-1³/₁₆	MP1035K	1035	2	117.5	95.3	92.0
35	MSF1040-35K MSF1040-1¹/₄K MSF1040-1³/₈K	H308 HE308-1¹/₄ HE308-1³/₈	MP1040K	1040	3	130.2	101.6	101.5
40	MSF1045-40K MSF1045-1⁷/₁₆K MSF1045-1¹/₂K	H309 HE309-1⁷/₁₆ HE309-1¹/₂	MP1045K	1045	4	136.5	111.1	105.0
45	MSF1050-45K MSF1050-1¹¹/₁₆K MSF1050-1³/₄K	H310 HE310-1¹¹/₁₆ HE310-1³/₄	MP1050K	1050	5	142.9	115.9	111.0
50	MSF1055-50K MSF1055-1¹⁵/₁₆K MSF1055-2K	H311 HE311-1¹⁵/₁₆ HE311-2	MP1055K	1055	6	161.9	127.0	130.0

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

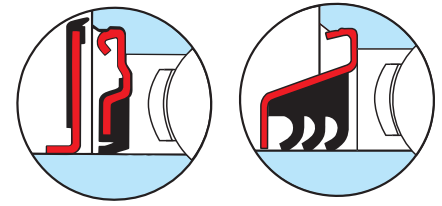
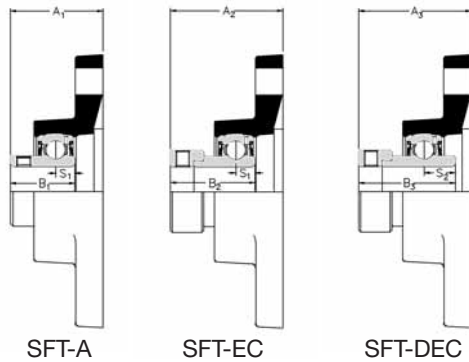
Self-Lube[®] cast iron flange bearing units

SFT Series



Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions (mm)						
					L	H	J	G	A	A1	
mm	inches										
12 15 16 17	1/2 5/8	SFT12 SFT15 SFT16 SFT17 SFT1/2 SFT3/8	SFT12EC SFT15EC SFT16EC SFT17A SFT1/2EC SFT3/8EC	1017	1	52.5	98.5	76.50	10	24.6	32.87
20	3/4	SFT20 SFT3/4	SFT20A SFT3/4A SFT20EC SFT3/4EC	1020	2	60.3	111.9	90.00	10	27.8	37.26
25	7/8 15/16 1	SFT25 SFT7/8 SFT15/16 SFT1	SFT25A SFT25EC SFT7/8EC SFT15/16EC SFT1EC	1025	3	70.0	125.5	99.00	10	28.6	38.84
30	1 1/8 1 3/16 1 1/4	SFT30 SFT1 1/8 SFT1 3/16 SFT1 1/4R	SFT30A SFT30EC SFT1 1/8EC SFT1 3/16EC SFT1 1/4ECR	1030	4	82.6	141.3	116.50	10	29.8	42.21
35	1 1/4 1 3/8 1 7/16	SFT35 SFT1 1/4 SFT1 3/8 SFT1 7/16	SFT35A SFT1 1/4A SFT35EC SFT1 1/4EC SFT1 3/8EC SFT1 7/16EC	1035	5	95.5	155.5	130.00	12	31.4	46.41
40	1 1/2	SFT40 SFT1 1/2	SFT40A SFT1 1/2A SFT40EC SFT1 1/2EC	1040	6	104.5	171.4	143.50	12	34.9	54.18
45	1 5/8 1 11/16 1 3/4	SFT45 SFT1 5/8 SFT1 11/16 SFT1 3/4	SFT45A SFT45EC SFT1 5/8EC SFT1 11/16EC SFT1 3/4EC	1045	7	111.1	179.4	148.50	16	35.3	54.18
50	1 7/8 1 15/16 2	SFT50 SFT1 7/8 SFT1 15/16 SFT2R	SFT50A SFT50EC SFT1 7/8EC SFT1 15/16EC	1050	8	115.9	188.9	157.00	16	39.7	60.53
55	2 2 1/8 2 3/16	SFT55 SFT2 SFT2 1/8 SFT2 3/16	SFT55DEC SFT2DEC SFT2 1/8DEC SFT2 3/16DEC	1055	9	127.0	215.9	184.00	16	43.7	64.31
60	2 1/4 2 3/8 2 7/16	SFT60 SFT2 1/4 SFT2 3/8 SFT2 7/16	SFT60DEC SFT2 1/4DEC SFT2 3/8DEC SFT2 7/16DEC	1060	10	138.1	235.0	202.00	16	47.6	73.69

Please check availability



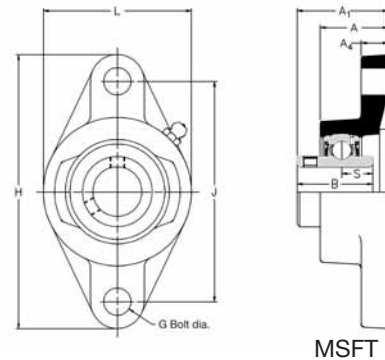
Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix 'FS', e.g. SFT25FS.

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

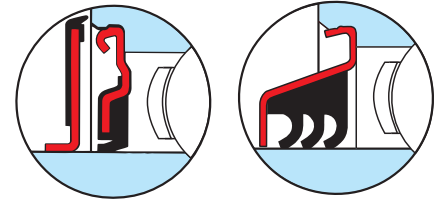
Self-Lube[®] cast iron flange bearing units

MSFT Series



Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions (mm)		
mm	inches				L	H	J
25	1	MSFT25 MSFT1	1030	1	82.6	141.3	116.50
30	1 ³ / ₁₆ 1 ¹ / ₄	MSFT30 MSFT1³/₁₆ MSFT1¹/₄	1035	2	95.5	155.5	130.00
35	1 ³ / ₈ 1 ⁷ / ₁₆	MSFT35 MSFT1³/₈ MSFT1⁷/₁₆	1040	3	101.6	171.4	143.50
40	1 ¹ / ₂	MSFT40 MSFT1¹/₂	1045	4	111.1	179.4	148.50
45	1 ¹¹ / ₁₆ 1 ³ / ₄	MSFT45 MSFT1¹¹/₁₆ MSFT1³/₄	1050	5	115.9	188.9	157.00
50	1 ⁷ / ₈ 1 ¹⁵ / ₁₆ 2	MSFT50 MSFT1⁷/₈ MSFT1¹⁵/₁₆ MSFT2	1055	6	127.0	215.9	184.00
55	2 ³ / ₁₆	MSFT55 MSFT2³/₁₆	1060	7	138.1	235.0	202.00

Please check availability



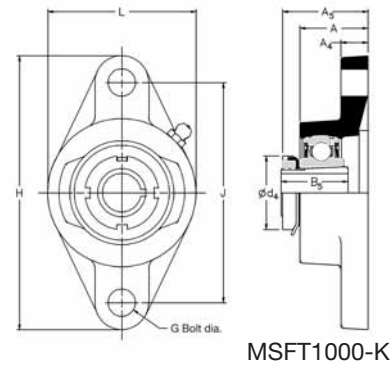
Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix 'FS', e.g. MSFT40FS.

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

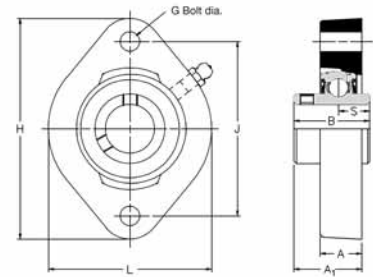
Shaft diameter	RHP designation complete unit	Sleeve, nut & lockwasher only	Unit without sleeve, nut & lockwasher	Basic bearing	Casting group insert	Dimensions (mm)		
						L	H	J
mm	inches							
20	MSFT1025-20K MSFT1025-³/₄K	H305 HE305-³/₄	MSFT1025K	1025	SFT3	68.3	123.8	99.0
25	MSFT1030-25K MSFT1030-¹⁵/₁₆K MSFT1030-1K	H306 HE306-¹⁵/₁₆ HE306-1	MSFT1030K	1030	1	82.6	141.3	116.5
30	MSFT1035-30K MSFT1035-1¹/₈K MSFT1035-1³/₁₆K	H307 HE307-1¹/₈ HE307-1³/₁₆	MSFT1035K	1035	2	95.5	155.5	130.0
35	MSFT1040-35K MSFT1040-1¹/₄K MSFT1040-1³/₈K	H308 HE308-1¹/₄ HE308-1³/₈	MSFT1040K	1040	3	101.6	171.4	143.5
40	MSFT1045-40K MSFT1045-1⁷/₁₆K MSFT1045-1¹/₂K	H309 HE309-1⁷/₁₆ HE309-1¹/₂	MSFT1045K	1045	4	111.1	179.4	148.5
45	MSFT1050-45K MSFT1050-1¹¹/₁₆K MSFT1050-1³/₄K	H310 HE310-1¹¹/₁₆ HE310-1³/₄	MSFT1050K	1050	5	115.9	188.9	157.0
50	MSFT1055-50K MSFT1055-1¹⁵/₁₆K MSFT1055-2K	H311 HE311-1¹⁵/₁₆ HE311-2	MSFT1055K	1055	6	127.0	215.9	184.0

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

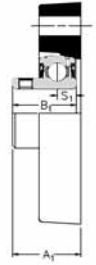
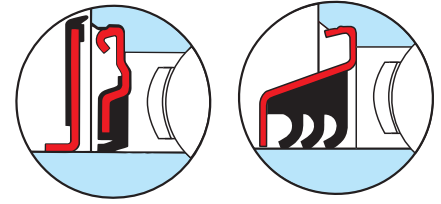
LFTC Series



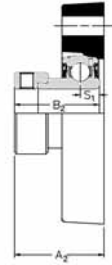
LFTC

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								
	1/2	LFTC1/2		LFTC1/2EC								
	5/8	LFTC5/8		LFTC5/8EC								
20		LFTC20	LFTC20A	LFTC20EC	LFTC20DEC	1020	2	66.5	90.5	71.5	8.0	17.0
	3/4	LFTC3/4	LFTC3/4A	LFTC3/4EC	LFTC3/4DEC							
25		LFTC25	LFTC25A	LFTC25EC	LFTC25DEC	1025	3	71.0	96.0	76.0	8.0	17.5
	7/8	LFTC7/8		LFTC7/8EC	LFTC7/8DEC							
	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
	1/8	LFTC1/8		LFTC1/8EC	LFTC1/8DEC							
	13/16	LFTC13/16		LFTC13/16EC	LFTC13/16DEC							
	1/4	LFTC1/4	LFTC1/4A	LFTC1/4EC	LFTC1/4DEC							
35		LFTC35	LFTC 35A	LFTC35EC	LFTC35DEC	1035	5	93.0	125.0	100.0	10.0	22.0
	1/4	LFTC1/4L	LFTC1/4AL	LFTC1/4ECL	LFTC1/4DECL							
	3/8	LFTC3/8		LFTC3/8EC	LFTC3/8DEC							
	7/16	LFTC7/16		LFTC7/16EC	LFTC7/16DEC							

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 7/8 FS.

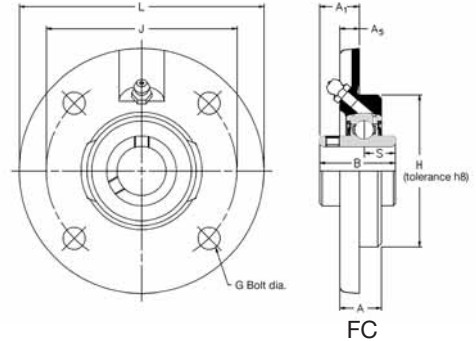
Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix 'T', e.g. TLFTC 7/8.

	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

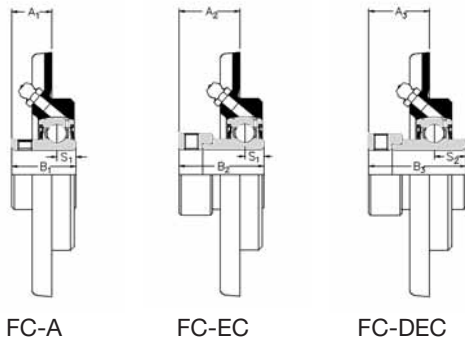
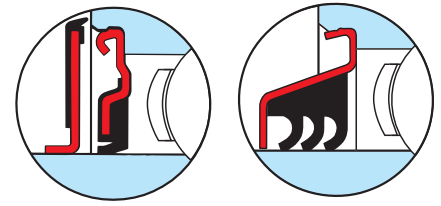
For housing tolerances to suit spigot 'H' see page 21



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

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. FC40FS.

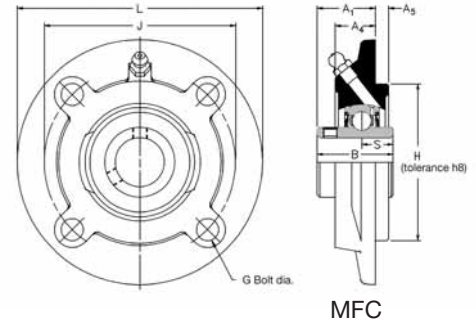
Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix 'T', e.g. TFC40.

	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

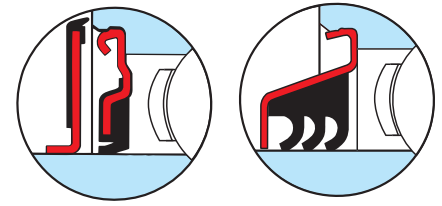
MFC Series

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



Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions (mm)		
					L	H	J
mm	inches						
25	1 1¼	MFC25 MFC1 MFC1¼R	1030	1	111.1	76.2	92.1
30	1⅜ 1¼	MFC30 MFC1⅜ MFC1¼	1035	2	127.0	85.7	104.8
35 40	1⅜ 1⅞ 1½	MFC35 MFC40 MFC1⅜ MFC1⅞ MFC1½	1040	3	133.4	92.1	111.1
45	1⅞ 1¾ 2	MFC45 MFC1⅞ MFC1¾ MFC2R	1050	4	155.6	108.0	130.2
50	1⅞ 1⅝ 2	MFC50 MFC1⅞ MFC1⅝ MFC2	1055	5	161.9	114.3	136.5
55	2⅞ 2¼	MFC55 MFC2⅞ MFC2¼	1060	6	181.0	127.0	152.4
60 65	2⅞ 2½	MFC60 MFC65R MFC2⅞ MFC2½	1070	7	193.7	139.7	165.1
65 70	2⅞ 2¾	MFC65R MFC70 MFC2⅞ MFC2¾	1075	8	222.2	161.9	190.5
75 80	2⅞ 3 3¼	MFC75 MFC80 MFC2⅞ MFC3 MFC3¼	1080	9	222.2	161.9	190.5
85 90	3⅞ 3½	MFC85 MFC90 MFC3⅞ MFC3½	1090	10	260.4	187.3	219.1
95 100	3⅞ 4	MFC95 MFC100 MFC3⅞ MFC4	3095	11	298.4	228.6	260.4

Please check availability



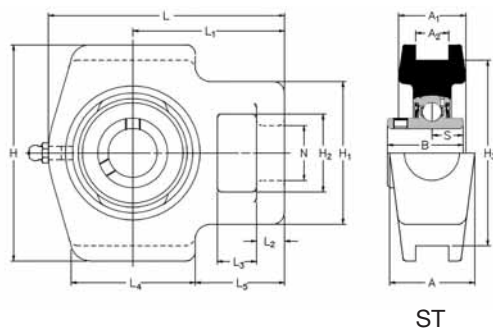
Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix 'FS', e.g. MFC30FS.

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

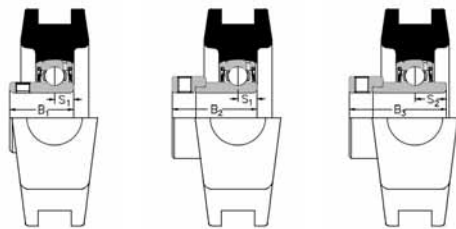
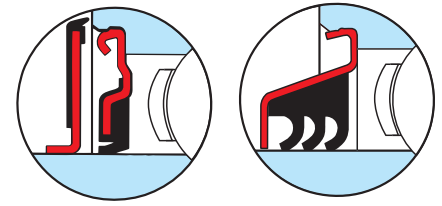
Self-Lube® cast iron take-up bearing units

ST Series



Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)							
								L	L1	L2	L3	L4	L5	H	
mm	inches														
20	3/4	ST20 ST3/4	ST20A ST3/4A	ST20EC ST3/4EC	ST20DEC ST3/4DEC	1020	2	96.5	62.0	11.5	16.0	50.5	36.5	88.5	
25	7/8 15/16 1	ST25 ST7/8 ST15/16 ST1	ST25A ST1A	ST25EC ST7/8EC ST15/16EC ST1EC	ST25DEC ST7/8DEC ST15/16DEC ST1DEC	1025	3	98.0	62.0	11.5	16.0	50.5	36.5	88.5	
30	1 1/8 1 3/16 1 1/4	ST30 ST1 1/8 ST1 3/16 ST1 1/4R	ST30A ST1 1/4AR	ST30EC ST1 1/8EC ST1 3/16EC ST1 1/4ECR	ST30DEC ST1 1/8DEC ST1 3/16DEC ST1 1/4DECR	1030	4	115.5	71.7	12.5	16.5	64.5	43.0	101.5	
35	1 1/4 1 3/8 1 7/16	ST35 ST1 1/4 ST1 3/8 ST1 7/16	ST35A ST1 1/4A	ST35EC ST1 1/4EC ST1 3/8EC ST1 7/16EC	ST35DEC ST1 1/4DEC ST1 3/8DEC ST1 7/16DEC	1035	5	124.0	75.5	12.5	16.5	64.5	43.0	101.5	
40	1 1/2	ST40 ST1 1/2	ST40A ST1 1/2A	ST40EC ST1 1/2EC	ST40DEC ST1 1/2DEC	1040	6	143.5	89.2	15.5	20.5	81.5	50.5	118.0	
45	1 5/8 1 11/16 1 3/4	ST45 ST1 5/8 ST1 11/16 ST1 3/4	ST45A ST1 3/4	ST45EC ST1 5/8EC ST1 11/16EC ST1 3/4EC	ST45DEC ST1 5/8DEC ST1 11/16DEC ST1 3/4DEC	1045	7	147.0	89.2	15.5	20.5	81.5	50.5	118.0	
50	1 7/8 1 15/16 2	ST50 ST1 7/8 ST1 15/16 ST2R	ST50	ST50EC ST1 7/8EC ST1 15/16EC	ST50DEC ST1 7/8DEC ST1 15/16DEC	1050	8	151.0	90.5	15.5	20.5	81.5	50.5	118.0	
55	2 2 1/8 2 3/16	ST55 ST2 ST2 1/8 ST2 3/16			ST55DEC ST2DEC ST2 1/8DEC ST2 3/16DEC	1055	9	182.0	114.0	19.0	32.0	97.5	70.0	146.0	
60	2 1/4 2 3/8 2 7/16	ST60 ST2 1/4 ST2 3/8 ST2 7/16			ST60DEC ST2 1/4DEC ST2 3/8DEC ST2 7/16DEC	1060	10	192.0	119.0	19.0	32.0	97.5	70.0	146.0	
65 70	2 1/2 2 11/16	ST65 ST70 ST2 1/2 ST2 11/16			ST65DEC ST70DEC ST2 1/2DEC ST2 11/16DEC	1070	11	222.5	137.5	21.5	32.0	120.5	77.0	166.5	
75	2 3/4 2 7/8 2 15/16	ST75 ST2 3/4 ST2 7/8 ST2 15/16			ST75DEC ST2 3/4DEC ST2 7/8DEC ST2 15/16DEC	1075	12	222.5	137.5	21.5	32.0	120.5	77.0	166.5	
80	3 3 3/16	ST80 ST3 ST3 3/16				1080	13	231.5	139.5	20.5	32.0	125.0	74.0	184.0	
85	3 1/4 3 3/8 3 7/16	ST85 ST3 1/4 ST3 3/8 ST3 7/16				1085	14	260.5	162.0	28.5	38.0	140.0	90.5	198.5	

Please check availability



ST-A

ST-EC

ST-DEC

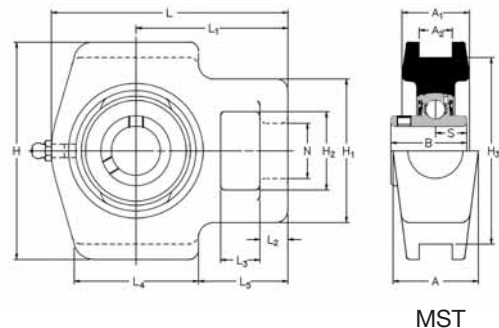
Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix 'FS', e.g. ST45FS.

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.

	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

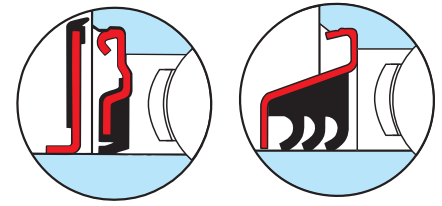


MST

Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions (mm)					
					L	L1	L2	L3	L4	L5
mm	inches									
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 MST1³/₁₆ **	1035	2	124.0	75.5	12.5	16.5	64.5	43.0
35	1 ³ / ₈ 1 ⁷ / ₁₆	MST35 MST1³/₈ MST1⁷/₁₆	1040	3	143.5	89.2	15.5	20.5	81.5	50.5
40	1 ¹ / ₂	MST40 MST1¹/₂	1045	4	147.0	89.2	15.5	20.5	81.5	50.5
45	1 ¹¹ / ₁₆ 1 ³ / ₄	MST45 MST1¹¹/₁₆ MST1³/₄	1050	5	151.0	90.5	15.5	20.5	81.5	50.5
50	1 ⁷ / ₈ 1 ¹⁵ / ₁₆ 2	MST50 MST1⁷/₈ MST1¹⁵/₁₆ **	1055	6	182.0	114.0	19.0	32.0	97.5	70.0
55	2 ³ / ₁₆ 2 ¹ / ₄	MST55 MST2³/₁₆ **	1060	7	192.0	119.0	19.0	32.0	97.5	70.0
60	2 ⁷ / ₁₆ 2 ¹ / ₂	MST60 MST2⁷/₁₆ **	1070	8	222.5	137.5	21.5	32.0	120.5	77.0
65 70	2 ¹¹ / ₁₆ 2 ³ / ₄	MST65 MST70 MST2¹¹/₁₆ **	1075	9	222.5	137.5	21.5	32.0	120.5	77.0
75	2 ¹⁵ / ₁₆ 3	MST75 MST2¹⁵/₁₆ **	1080	10	231.5	139.5	20.5	32.0	125.0	74.0
80	3 ³ / ₁₆ 3 ¹ / ₄	MST80 MST3³/₁₆ **	1085	11	260.5	162.0	28.5	38.0	140.0	90.5
85 90	3 ⁷ / ₁₆ 3 ¹ / ₂	MST85 MST90 MST3⁷/₁₆ MST3¹/₂	1090	12	270.0	165.0	28.5	38.0	152.5	90.0
95 100	3 ¹⁵ / ₁₆ 4	MST95 MST100 MST3¹⁵/₁₆ 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)



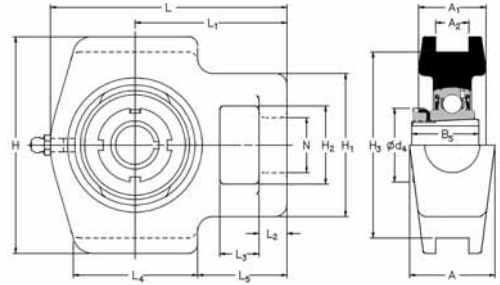
Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix 'FS', e.g. MST35FS.

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

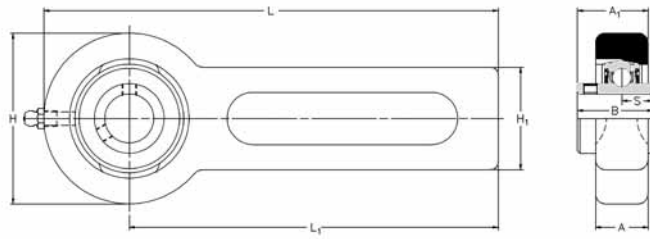
Shaft diameter	RHP designation complete unit	Sleeve, nut & lockwasher only	Units without sleeve, nut & lockwasher	Basic bearing	Casting group insert	Dimensions (mm)					
						L	H	J	G	A	A1
mm	inches										
20	MST1025-20K MST1025-³/₄K	H305 HE305-³/₄	MST1025K	1025	ST3	98.0	62.0	11.5	16.0	50.5	36.5
25	MST1030-25K MST1030-¹⁵/₁₆K MST1030-1K	H306 HE306-¹⁵/₁₆ HE306-1	MST1030K	1030	1	115.5	71.7	12.5	16.5	64.5	43.0
30	MST1035-30K MST1035-1¹/₈K MST1035-1³/₁₆K	H307 HE307-1¹/₈ HE307-1³/₁₆	MST1035K	1035	2	124.0	75.5	12.5	16.5	64.5	43.0
35	MST1040-35K MST1040-1¹/₄K MST1040-1³/₈K	H308 HE308-1¹/₄ HE308-1³/₈	MST1040K	1040	3	143.5	89.2	15.5	20.5	81.5	50.5
40	MST1045-40K MST1045-1⁷/₁₆K MST1045-1¹/₂K	H309 HE309-1⁷/₁₆ HE309-1¹/₂	MST1045K	1045	4	147.0	89.2	15.5	20.5	81.5	50.5
45	MST1050-45K MST1050-1¹¹/₁₆K MST1050-1³/₄K	H310 HE310-1¹¹/₁₆ HE310-1³/₄	MST1050K	1050	5	151.0	90.5	15.5	20.5	81.5	50.5
50	MST1055-50K MST1055-1¹⁵/₁₆K MST1055-2K	H311 HE3011-1¹⁵/₁₆ HE3011-2	MST1055K	1055	6	182.0	114.0	19.0	32.0	97.5	70.0

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

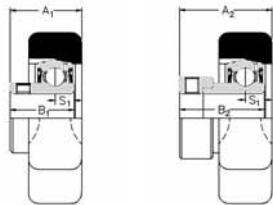
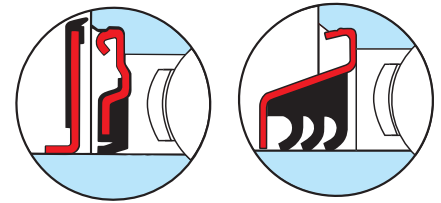
BT Series



BT

Shaft diameter		RHP designation			Basic bearing insert	Casting group	Dimensions (mm)			
mm	inches						H	H1	L	L1
25	$\frac{7}{8}$	BT25	BT25A	BT25EC	1025	3	78.0	42.5	264.0	225.0
	$\frac{15}{16}$	BT$\frac{7}{8}$		BT$\frac{7}{8}$EC						
	1	BT$\frac{15}{16}$		BT$\frac{15}{16}$EC						
		BT1	BT1A	BT1EC						
30	$1\frac{3}{16}$	BT30L			1035	5	98.0	42.5	274.0	225.0
35	$1\frac{1}{4}$	BT35	BT35A	BT35EC						
	$1\frac{3}{8}$	BT$1\frac{3}{16}$L								
	$1\frac{1}{2}$	BT$1\frac{1}{4}$	BT$1\frac{1}{4}$A	BT$1\frac{1}{4}$EC						
	$1\frac{5}{8}$	BT$1\frac{3}{8}$		BT$1\frac{3}{8}$EC						
	$1\frac{7}{16}$	BT$1\frac{7}{16}$		BT$1\frac{7}{16}$EC						

Please check availability



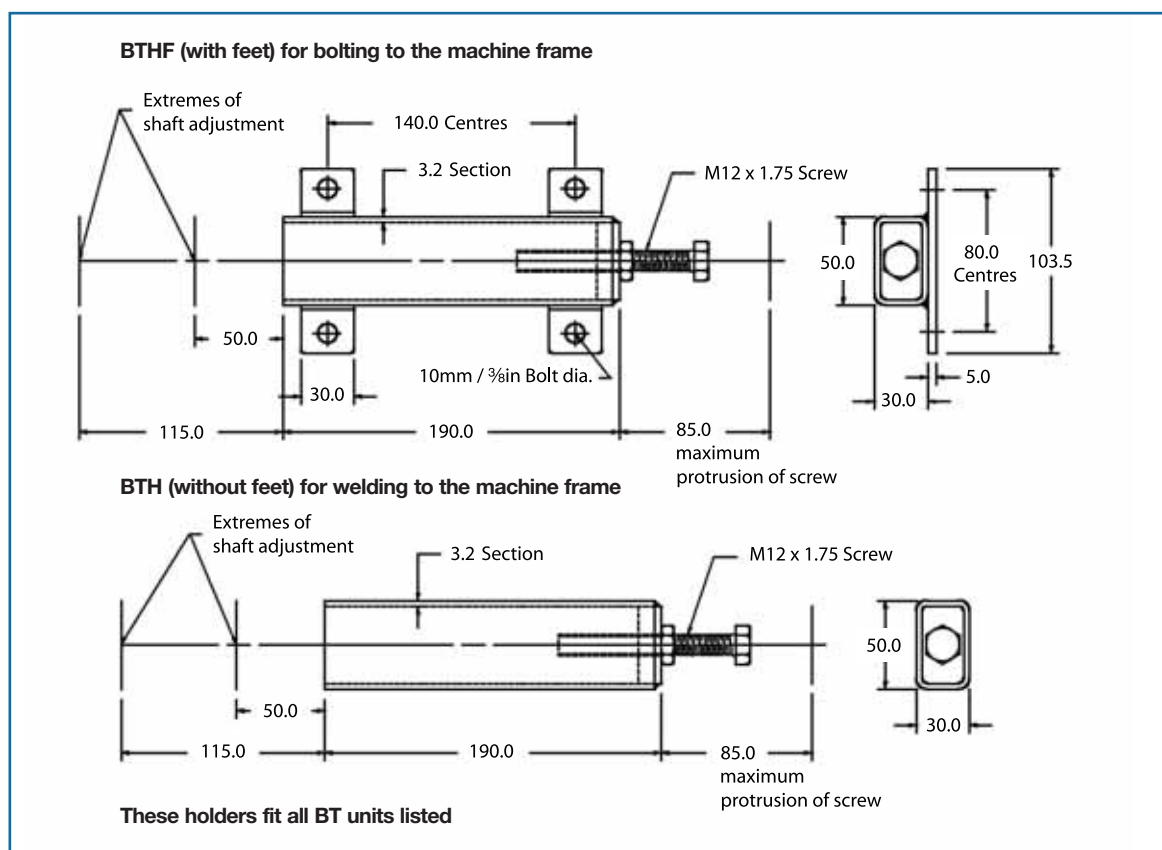
BT-A

BT-EC

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.

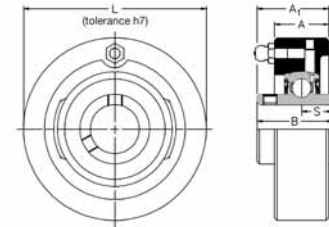
Dimensions (mm)									ISO load ratings		Rec max. speed	Mass (approx.)
A	A1	A2	B	B1	B2	s	s1		dynamic Cr newtons	static Cor newtons	rev/min	kg
22.0	30.57	34.20	34.10	27.30	31.03	14.33	7.53		14000	7880	6250	1.8
22.0	36.13	40.20	42.90	34.90	38.93	17.53	9.53		25700	15300	4500	2.3



Self-Lube[®] cast iron cartridge bearing units

SLC Series

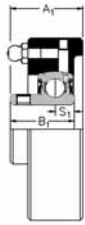
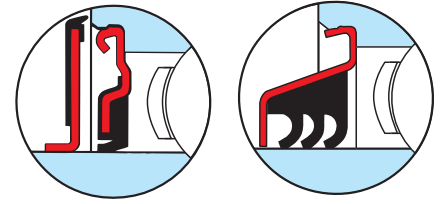
For housing tolerances to suit outside dia 'L' see page 21



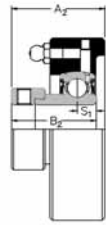
SLC

Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)			
mm	inches							L	A	A1	A2
12 15 16 17	$\frac{1}{2}$ $\frac{5}{8}$	SLC12 SLC15 SLC16 SLC17 SLC$\frac{1}{2}$ SLC$\frac{5}{8}$		SLC12EC SLC15EC SLC16EC SLC17EC SLC$\frac{1}{2}$EC SLC$\frac{5}{8}$EC		1017	1	68.287	22.22	24.21	30.35
20	$\frac{3}{4}$	SLC20 SLC$\frac{3}{4}$	SLC20A SLC$\frac{3}{4}$A	SLC20EC SLC$\frac{3}{4}$EC	SLC20DEC SLC$\frac{3}{4}$DEC	1020	2	74.367	22.22	29.39	34.54
25	$\frac{7}{8}$ $\frac{15}{16}$ 1	SLC25 SLC$\frac{7}{8}$ SLC$\frac{15}{16}$ SLC1	SLC25A SLC1A	SLC25EC SLC$\frac{7}{8}$EC SLC$\frac{15}{16}$EC SLC1EC	SLC25DEC SLC$\frac{7}{8}$DEC SLC$\frac{15}{16}$DEC SLC1DEC	1025	3	79.400	26.19	32.94	36.52
30	$\frac{1}{8}$ $\frac{13}{16}$ $\frac{1}{4}$	SLC30 SLC$\frac{1}{8}$ SLC$\frac{13}{16}$ SLC$\frac{1}{4}$R	SLC30A SLC$\frac{1}{4}$AR	SLC30EC SLC$\frac{1}{8}$EC SLC$\frac{13}{16}$EC SLC$\frac{1}{4}$ECR	SLC30DEC SLC$\frac{1}{8}$DEC SLC$\frac{13}{16}$DEC SLC$\frac{1}{4}$DECR	1030	4	88.925	27.78	36.12	40.56
35	$\frac{1}{4}$ $\frac{13}{16}$ $\frac{17}{16}$	SLC35 SLC$\frac{1}{4}$ SLC$\frac{13}{16}$ SLC$\frac{17}{16}$	SLC35A SLC$\frac{1}{4}$A	SLC35EC SLC$\frac{1}{4}$EC SLC$\frac{13}{16}$EC SLC$\frac{17}{16}$EC	SLC35DEC SLC$\frac{1}{4}$DEC SLC$\frac{13}{16}$DEC SLC$\frac{17}{16}$DEC	1035	5	98.450	30.96	40.87	44.81
40	$\frac{1}{2}$	SLC40 SLC$\frac{1}{2}$	SLC40A SLC$\frac{1}{2}$A	SLC40EC SLC$\frac{1}{2}$EC	SLC40DEC SLC$\frac{1}{2}$DEC	1040	6	106.387	37.31	48.84	51.28
45	$\frac{15}{8}$ $\frac{11}{16}$ $\frac{13}{4}$	SLC45 SLC$\frac{15}{8}$ SLC$\frac{11}{16}$ SLC$\frac{13}{4}$	SLC45A SLC$\frac{13}{4}$A	SLC45EC SLC$\frac{15}{8}$EC SLC$\frac{11}{16}$EC SLC$\frac{13}{4}$EC	SLC45DEC SLC$\frac{15}{8}$DEC SLC$\frac{11}{16}$DEC SLC$\frac{13}{4}$DEC	1045	7	111.150	36.51	48.44	50.88
50	$\frac{17}{8}$ $\frac{15}{16}$ 2	SLC50 SLC$\frac{17}{8}$ SLC$\frac{15}{16}$ SLC2R	SLC50A	SLC50EC SLC$\frac{17}{8}$EC SLC$\frac{15}{16}$EC	SLC50DEC SLC$\frac{17}{8}$DEC SLC$\frac{15}{16}$DEC	1050	8	115.913	37.31	51.18	51.28
55	2 $\frac{2}{8}$ $\frac{23}{16}$	SLC55 SLC2 SLC$\frac{2}{8}$ SLC$\frac{23}{16}$			SLC55DEC SLC2DEC SLC$\frac{2}{8}$DEC SLC$\frac{23}{16}$DEC	1055	9	125.437	40.48	53.57	–
60	$\frac{2}{4}$ $\frac{23}{8}$ $\frac{27}{16}$	SLC60 SLC$\frac{2}{4}$ SLC$\frac{23}{8}$ SLC$\frac{27}{16}$			SLC60DEC SLC$\frac{2}{4}$DEC SLC$\frac{23}{8}$DEC SLC$\frac{27}{16}$DEC	1060	10	149.250	41.28	60.30	–
65	$\frac{2}{2}$	SLC65 SLC$\frac{2}{2}$			SLC$\frac{2}{2}$DEC	1065	10/65	149.250	41.28	60.30	–

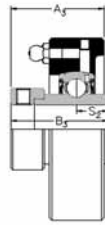
Please check availability



SLC-A



SLC-EC



SLC-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. SLC25FS.

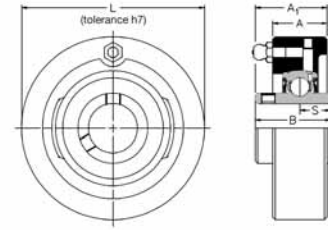
Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix 'T', e.g. TSLC25.

	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

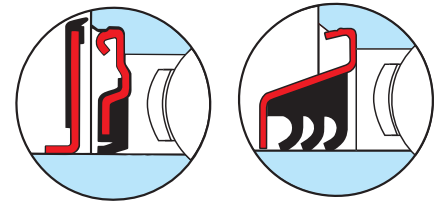


MSC

Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions (mm)	
mm	inches				L	A
25 30	1	MSC25 ** MSC1	1030	1	88.925	27.78
35	1 ³ / ₁₆ 1 ¹ / ₄	** MSC1³/₁₆ **	1035	2	98.450	30.96
40	1 ³ / ₈ 1 ⁷ / ₁₆	** MSC1³/₈ MSC1⁷/₁₆	1040	3	106.387	37.31
45	1 ¹ / ₂	** MSC1¹/₂	1045	4	111.150	36.51
50	1 ¹¹ / ₁₆ 1 ³ / ₄	** MSC1¹¹/₁₆ MSC1³/₄	1050	5	115.913	37.31
55	1 ⁷ / ₈ 1 ¹⁵ / ₁₆ 2	** MSC1⁷/₈ MSC1¹⁵/₁₆ **	1055	6	125.437	40.48
60	2 ³ / ₁₆ 2 ¹ / ₄	** MSC2³/₁₆ **	1060	7	149.250	41.28
65 70	2 ⁷ / ₁₆ 2 ¹ / ₂	MSC65 MCS70 MSC2⁷/₁₆ MSC2¹/₂	1070	8	158.775	50.80
75	2 ¹¹ / ₁₆ 2 ³ / ₄	MSC75 MSC2¹¹/₁₆ MSC2³/₄	1075	9	168.300	50.80
80	2 ¹⁵ / ₁₆ 3	MSC80 MSC2¹⁵/₁₆ MSC3	1080	10	177.825	55.56
85	3 ³ / ₁₆ 3 ¹ / ₄	MSC85 MSC3³/₁₆ MSC3¹/₄	1085	11	188.937	63.50
90	3 ⁷ / ₁₆ 3 ¹ / ₂	MSC90 MSC3⁷/₁₆ MSC3¹/₂	1090	12	207.987	63.50
95 100	3 ¹⁵ / ₁₆ 4	MSC95 MSC100 MSC3¹⁵/₁₆ MSC4	3095	13	241.325	76.20

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 $\frac{3}{16}$ FS.

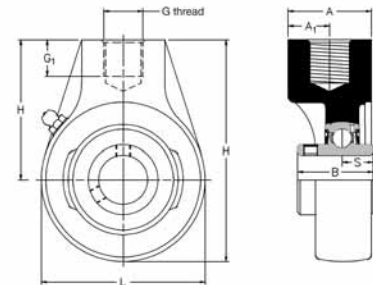
Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix 'T', e.g. TMSMC 1 $\frac{3}{16}$.

	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)**

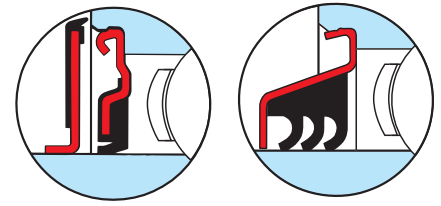
**These series units are identical to SCHB series except for thread details



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	3/4	SCHB20 SCHB3/4	SCH20 SCH3/4	1020	0	1/2	M16 x 2.00	19.0	67.0
25 30	7/8 1 1 1/8	SCHB25 SCHB30 SCHB7/8 SCHB1 SCHB1 1/8	SCH25 SCH30 SCH7/8 SCH1 SCH1 1/8	1030	2/0	1/2	M20 x 2.50	16.0	89.0
35	1 3/16 1 1/4 1 3/8	SCHB35 SCHB1 3/16 SCHB1 1/4 SCHB1 3/8	SCH35 SCH1 3/16 SCH1 1/4 SCH1 3/8	1035	1	3/4	M24 x 3.00	19.0	97.0
40	1 7/16 1 1/2	SCHB40 SCHB1 7/16 SCHB1 1/2	SCH40 SCH1 7/16 SCH1 1/2	1040	2	3/4	M24 x 3.00	19.0	107.0
45 50	1 11/16 1 3/4 1 7/8 1 15/16 2	SCHB45 SCHB50 SCHB1 11/16 SCHB1 3/4 SCHB1 7/8 SCHB1 15/16 SCHB2	SCH45 SCH50 SCH1 11/16 SCH1 3/4 SCH1 7/8 SCH1 15/16 SCH2	1050	3	1	M24 x 3.00	21.0	121.0
55 60	2 3/16 2 1/4 2 3/8 2 7/16	SCHB55 SCHB60 SCHB2 3/16 SCHB2 1/4 SCHB2 3/8 SCHB2 7/16	SCH55 SCH60 SCH2 3/16 SCH2 1/4 SCH2 3/8 SCH2 7/16	1060	4	1 1/4	M42 x 4.50	29.0	146.5
	2 1/2	SCHB2 1/2	SCH2 1/2	1065	4/65	1 1/4	M42 x 4.50	29.0	143.0
65 70 75	2 11/16 2 3/4 2 7/8 2 15/16	SCHB65 SCHB70 SCHB75 SCHB2 11/16 SCHB2 3/4 SCHB2 7/8 SCHB2 15/16	SCH65 SCH70 SCH75 SCH2 11/16 SCH2 3/4 SCH2 7/8 SCH2 15/16	1075	5	1 1/2	M48 x 5.00	32.0	165.0
80	3 3 3/16	SCHB80 SCHB3 SCHB3 3/16	SCH80 SCH3 SCH3 3/16	1080	6	1 1/2	M48 x 5.00	32.0	174.5

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.

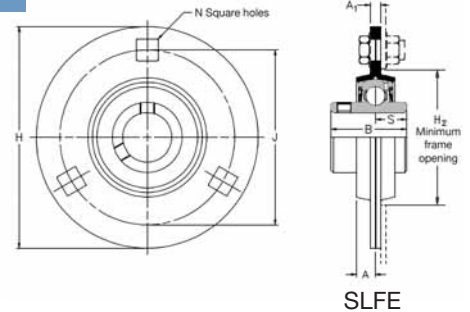
	Dimensions (mm)						ISO load ratings		Rec max. speed	Mass (approx.)
	H	H1	A	A1	B	s	dynamic Cr newtons	static Cor newtons	rev/min	kg
	91.6	57.2	34.0	18.26	30.96	12.75	12800	6650	6700	0.8
	107.5	61.9	33.5	22.22	38.10	15.93	19500	11300	5300	1.2
	119.0	69.8	39.5	25.40	42.88	17.53	25700	15300	4500	1.5
	127.5	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

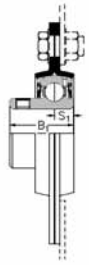
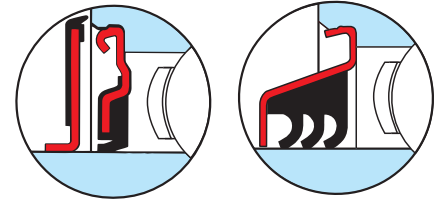
Note: these units are not re-greaseable



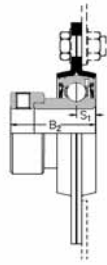
Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)			
mm	inches							H	H2	J	N
12		SLFE12		SLFE12EC		1017	1	81.0	49.0	63.5	7.1
15		SLFE15		SLFE15EC							
16		SLFE16		SLFE16EC							
17		SLFE17		SLFE17A							
	1/2	SLFE1/2		SLFE1/2EC							
	5/8	SLFE5/8		SLFE5/8EC							
20		SLFE20	SLFE20A	SLFE20EC	SLFE20DEC	1020	2	90.5	55.0	71.5	8.7
	3/4	SLFE3/4	SLFE3/4A	SLFE3/4EC	SLFE3/4DEC						
25		SLFE25	SLFE25A	SLFE25EC	SLFE25DEC	1025	3	95.2	60.0	76.0	8.7
	7/8	SLFE7/8		SLFE7/8EC	SLFE7/8DEC						
	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
	1 1/8	SLFE1 1/8		SLFE1 1/8EC	SLFE1 1/8DEC						
	1 3/16	SLFE1 3/16		SLFE1 3/16EC	SLFE1 3/16DEC						
	1 1/4	SLFE1 1/4	SLFE1 1/4A	SLFE1 1/4EC	SLFE1 1/4DEC						
35		SLFE1 1/4L	SLFE1 1/4AL	SLFE1 1/4ECL	SLFE1 1/4DECL	1035	5	122.2	81.0	100.0	10.5
	1 3/8	SLFE35	SLFE35A	SLFE35EC	SLFE35DEC						
	1 3/8	SLFE1 3/8		SLFE1 3/8EC	SLFE1 3/8DEC						
	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
	1 1/2	SLFE1 1/2	SLFE1 1/2A	SLFE1 1/2EC	SLFE1 1/2DEC						
45		SLFE45	SLFE45A	SLFE45EC	SLFE45DEC	1045	7	149.2	97.0	120.5	13.5
	1 5/8	SLFE1 5/8		SLFE1 5/8EC	SLFE1 5/8DEC						
	1 11/16	SLFE1 11/16		SLFE1 11/16EC	SLFE1 11/16DEC						
	1 3/4	SLFE1 3/4	SLFE1 3/4A	SLFE1 3/4EC	SLFE1 3/4DEC						
50		SLFE50	SLFE50A	SLFE50EC	SLFE50DEC	1050	8	155.6	102.0	127.0	13.5
	1 7/8	SLFE1 7/8		SLFE1 7/8EC	SLFE1 7/8DEC						
	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						
	2 1/8	SLFE2 1/8			SLFE2 1/8DEC						
	2 3/16	SLFE2 3/16			SLFE2 3/16DEC						
60		SLFE60			SLFE60DEC	1060	10	176.2	122.0	147.6	13.5
	2 1/4	SLFE2 1/4			SLFE2 1/4DEC						
	2 7/16	SLFE2 7/16			SLFE2 7/16DEC						

Please check availability

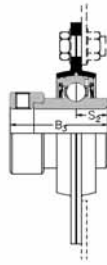
A modified version of these units is available if a Protector is to be fitted, see page 93 for details



SLFE-A



SLFE-EC



SLFE-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. SLFE25FS.

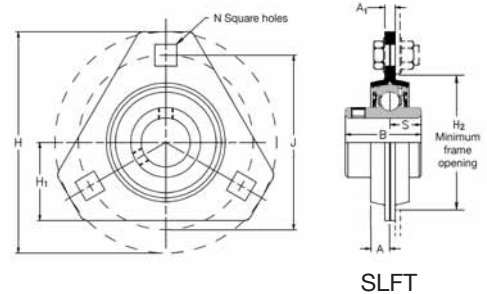
Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix 'T', e.g. TSLFE25.

	Dimensions (mm)									Max. radial housing load	Rec max. speed	Mass (approx.)
	A	A1	B	B1	B2	B3	s	s1	s2			
	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

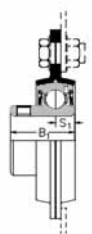
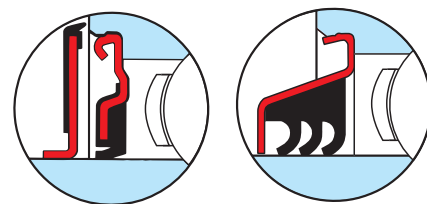
Note: these units are not re-greaseable



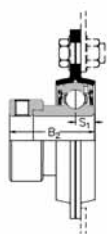
Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)				
mm	inches							H	H1	H2	J	N
25		SLFT25	SLFT25A	SLFT25EC	SLFT25DEC	1025	3	95.2	34.2	60.0	76.0	8.7
	$\frac{7}{8}$	SLFT$\frac{7}{8}$		SLFT$\frac{7}{8}$EC	SLFT$\frac{7}{8}$DEC							
	$\frac{15}{16}$	SLFT$\frac{15}{16}$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

Please check availability

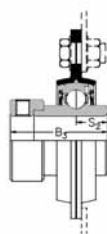
A modified version of these units is available if a Protector is to be fitted, see page 93 for details



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.

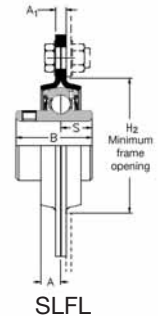
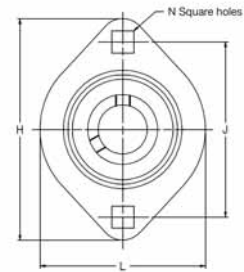
Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix 'T', e.g. TSLFT35.

	Dimensions (mm)									Max. radial housing load	Rec max. speed	Mass (approx.)
	A	A1	B	B1	B2	B3	s	s1	s2			
	8.7	4.0	34.11	27.35	30.92	44.40	14.32	7.56	17.49	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
	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
	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

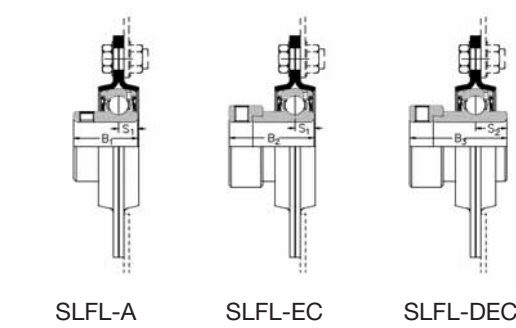
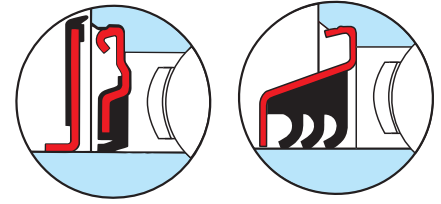
Note: these units are not re-greaseable



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								
	1/2	SLFL1/2		SLFL1/2EC								
	5/8	SLFL5/8		SLFL5/8EC								
20		SLFL20	SLFL20A	SLFL20EC	SLFL20DEC	1020	2	66.7	90.5	55.0	71.5	8.7
	3/4	SLFL3/4	SLFL3/4A	SLFL3/4EC	SLFL3/4DEC							
25		SLFL25	SLFL25A	SLFL25EC	SLFL25DEC	1025	3	71.0	95.3	60.0	76.0	8.7
	7/8	SLFL7/8		SLFL7/8EC	SLFL7/8DEC							
	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
	1 1/8	SLFL1 1/8		SLFL1 1/8EC	SLFL1 1/8DEC							
	1 3/16	SLFL1 3/16		SLFL1 3/16EC	SLFL1 3/16DEC							
	1 1/4	SLFL1 1/4	SLFL1 1/4A	SLFL1 1/4EC	SLFL1 1/4DEC							

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.

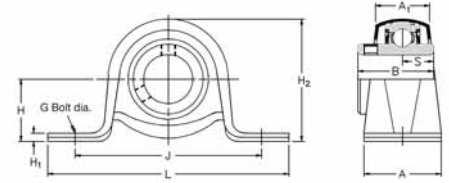
Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix 'T', e.g. TSLFL1.

	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

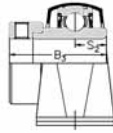
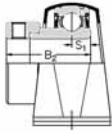
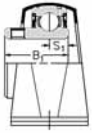
Note: these units are not re-greaseable



LPB

Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions (mm)				
mm	inches							L	H	H1	H2	J
12 15 16 17	$\frac{1}{2}$ $\frac{5}{8}$	LPB12 LPB15 LPB16 LPB17 LPB$\frac{1}{2}$ LPB$\frac{5}{8}$		LPB12EC LPB15EC LPB16EC LPB17EC LPB$\frac{1}{2}$EC LPB$\frac{5}{8}$EC		1017	1	85.7	22.2	2.4	43.2	68.0
20	$\frac{3}{4}$	LPB20 LPB$\frac{3}{4}$	LPB20A LPB$\frac{3}{4}$A	LPB20EC LPB$\frac{3}{4}$EC	LPB20DEC LPB$\frac{3}{4}$DEC	1020	2	98.4	25.4	2.4	49.9	76.0
25	$\frac{7}{8}$ $\frac{15}{16}$ 1	LPB25 LPB$\frac{7}{8}$ LPB$\frac{15}{16}$ LPB1	LPB25A LPB1A	LPB25EC LPB$\frac{7}{8}$EC LPB$\frac{15}{16}$EC LPB1EC	LPB25DEC LPB$\frac{7}{8}$DEC LPB$\frac{15}{16}$DEC LPB1DEC	1025	3	108.0	28.6	2.8	55.8	86.0
30	$\frac{1}{8}$ $\frac{3}{16}$ $\frac{1}{4}$ $\frac{1}{4}$	LPB30 LPB$\frac{1}{8}$ LPB$\frac{3}{16}$ LPB$\frac{1}{4}$ LPB$\frac{1}{4}$L	LPB30A LPB$\frac{1}{4}$A LPB$\frac{1}{4}$AL	LPB30EC LPB$\frac{1}{8}$EC LPB$\frac{3}{16}$EC LPB$\frac{1}{4}$EC LPB$\frac{1}{4}$ECL	LPB30DEC LPB$\frac{1}{8}$DEC LPB$\frac{3}{16}$DEC LPB$\frac{1}{4}$DEC LPB$\frac{1}{4}$DECL	1030	4	117.5	33.3	3.6	65.7	95.0
35	$\frac{3}{8}$ $\frac{7}{16}$	LPB35 LPB$\frac{3}{8}$ LPB$\frac{7}{16}$	LPB35A	LPB35EC LPB$\frac{3}{8}$EC LPB$\frac{7}{16}$EC	LPB35DEC LPB$\frac{3}{8}$DEC LPB$\frac{7}{16}$DEC	1035	5	128.6	39.7	4.4	77.5	106.0

Please check availability



LPB-A

LPB-EC

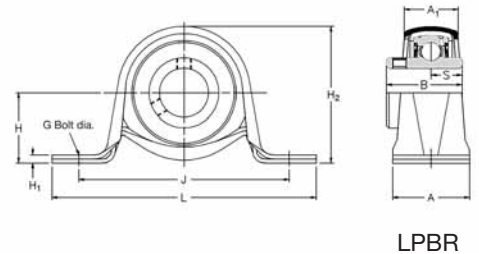
LPB-DEC

	Dimensions (mm)										Max. radial housing load	Rec. max. speed	Mass (approx.)
	G	A	A1	B	B1	B2	B3	s	s1	s2			
	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

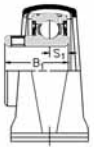
Note: these units are not re-greaseable



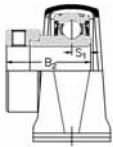
LPBR

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								
	$\frac{1}{2}$ $\frac{5}{8}$	LPBR$\frac{1}{2}$ LPBR$\frac{5}{8}$		LPBR$\frac{1}{2}$EC LPBR$\frac{5}{8}$EC								
20		LPBR20	LPBR20A	LPBR20EC	LPBR20DEC	1020	3	108.0	28.6	2.8	55.8	86.0
	$\frac{3}{4}$	LPBR$\frac{3}{4}$	LPBR$\frac{3}{4}$A	LPBR$\frac{3}{4}$EC	LPBR$\frac{3}{4}$DEC							
25		LPBR25	LPBR25A	LPBR25EC	LPBR25DEC	1025	4	117.5	33.3	3.6	65.7	95.0
	$\frac{7}{8}$	LPBR$\frac{7}{8}$		LPBR$\frac{7}{8}$EC	LPBR$\frac{7}{8}$DEC							
	$\frac{15}{16}$	LPBR$\frac{15}{16}$		LPBR$\frac{15}{16}$EC	LPBR$\frac{15}{16}$DEC							
	1	LPBR1	LPBR1A	LPBR1EC	LPBR1DEC							
30		LPBR30	LPBR30A	LPBR30EC	LPBR30DEC	1030	5	128.6	39.7	4.4	77.5	106.0
	$\frac{1}{8}$	LPBR$\frac{1}{8}$		LPBR$\frac{1}{8}$EC	LPBR$\frac{1}{8}$DEC							
	$\frac{3}{16}$	LPBR$\frac{3}{16}$		LPBR$\frac{3}{16}$EC	LPBR$\frac{3}{16}$DEC							
	$\frac{1}{4}$	LPBR$\frac{1}{4}$	LPBR$\frac{1}{4}$A	LPBR$\frac{1}{4}$EC	LPBR$\frac{1}{4}$DEC							

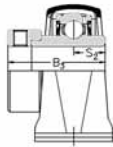
Please check availability



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			
	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

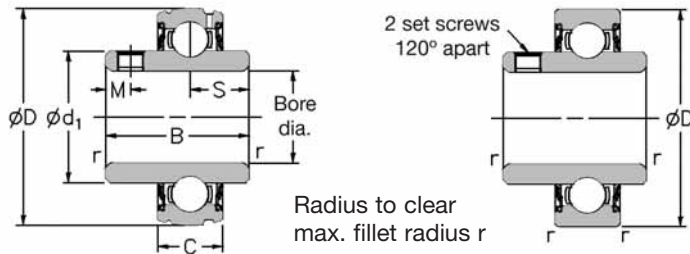
1000G and 1100 Series

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 15 16 17	$\frac{1}{2}$ $\frac{5}{8}$	1017-12G 1017-15G 1017-16G 1017-17G 1017-$\frac{1}{2}$G 1017-$\frac{5}{8}$G	1117-12 1117-15 1117-16 1117-17 1117-$\frac{1}{2}$ 1117-$\frac{5}{8}$	40.000	12.00	27.38	11.58	24.80	5.00	0.60	9550	4800	7000	0.09
20	$\frac{3}{4}$	1020-20G 1020-$\frac{3}{4}$G	1120-20 1120-$\frac{3}{4}$	47.000	14.00	31.00	12.73	28.30	5.00	1.00	12800	6650	6700	0.13
25	$\frac{7}{8}$ $\frac{15}{16}$ 1	1025-25G 1025-$\frac{7}{8}$G 1025-$\frac{15}{16}$G 1025-1G	1125-25 1125-$\frac{7}{8}$ 1125-$\frac{15}{16}$ 1125-1	52.000	15.00	34.10	14.33	34.00	5.00	1.00	14000	7880	6250	0.17
25 30	1 $1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$	1030-25G 1030-30G 1030-1G 1030-$1\frac{1}{8}$G 1030-$1\frac{3}{16}$G 1030-$1\frac{1}{4}$G	1130-25 1130-30 1130-1 1130-$1\frac{1}{8}$ 1130-$1\frac{3}{16}$ 1130-$1\frac{1}{4}$	62.000	16.00	38.10	15.93	40.30	5.00	1.00	19500	11300	5300	0.37
30 35	$1\frac{3}{16}$ $1\frac{1}{4}$ $1\frac{5}{16}$ $1\frac{3}{8}$ $1\frac{7}{16}$	1035-30G 1035-35G 1035-$1\frac{3}{16}$G 1035-$1\frac{1}{4}$G 1035-$1\frac{5}{16}$G 1035-$1\frac{3}{8}$G 1035-$1\frac{7}{16}$G	1135-30 1135-35 1135-$1\frac{3}{16}$ 1135-$1\frac{1}{4}$ 1135-$1\frac{5}{16}$ 1135-$1\frac{3}{8}$ 1135-$1\frac{7}{16}$	72.000	17.00	42.90	17.53	46.90	6.50	1.00	25700	15300	4500	0.51
35 40	$1\frac{3}{8}$ $1\frac{7}{16}$ $1\frac{1}{2}$	1040-35G 1040-40G 1040-$1\frac{3}{8}$G 1040-$1\frac{7}{16}$G 1040-$1\frac{1}{2}$G	1140-35 1140-40 1140-$1\frac{3}{8}$ 1140-$1\frac{7}{16}$ 1140-$1\frac{1}{2}$	80.000	18.00	49.20	19.03	52.40	8.00	1.00	32500	19900	4000	0.64
40 45	$1\frac{1}{2}$ $1\frac{5}{8}$ $1\frac{11}{16}$ $1\frac{3}{4}$	1045-40G 1045-45G 1045-$1\frac{1}{2}$G 1045-$1\frac{5}{8}$G 1045-$1\frac{11}{16}$G 1045-$1\frac{3}{4}$G	1145-40 1145-45 1145-$1\frac{1}{2}$ 1145-$1\frac{5}{8}$ 1145-$1\frac{11}{16}$ 1145-$1\frac{3}{4}$	85.000	19.00	49.20	19.04	57.40	8.00	1.00	32500	20500	3700	0.73
45 50	$1\frac{11}{16}$ $1\frac{3}{4}$ $1\frac{7}{8}$ $1\frac{15}{16}$ 2	1050-45G 1050-50G 1050-$1\frac{11}{16}$G 1050-$1\frac{3}{4}$G 1050-$1\frac{7}{8}$G 1050-$1\frac{15}{16}$G 1050-2G	1150-45 1150-50 1150-$1\frac{11}{16}$ 1150-$1\frac{3}{4}$ 1150-$1\frac{7}{8}$ 1150-$1\frac{15}{16}$ 1150-2	90.000	20.00	51.60	19.04	62.40	10.00	1.00	35000	23200	3400	0.91
50 55	$1\frac{7}{8}$ $1\frac{15}{16}$ 2 $2\frac{1}{8}$ $2\frac{3}{16}$	1055-50G 1055-55G 1055-$1\frac{7}{8}$G 1055-$1\frac{15}{16}$G 1055-2G 1055-$2\frac{1}{8}$G 1055-$2\frac{3}{16}$G	1155-50 1155-55 1155-$1\frac{7}{8}$ 1155-$1\frac{15}{16}$ 1155-2 1155-$2\frac{1}{8}$ 1155-$2\frac{3}{16}$	100.000	21.00	55.60	22.24	68.90	10.00	1.50	43500	29200	3100	1.12

Please check availability

1000G
With spherical outside diameter and integral set screw lock

1100
With parallel outside diameter and integral set screw lock

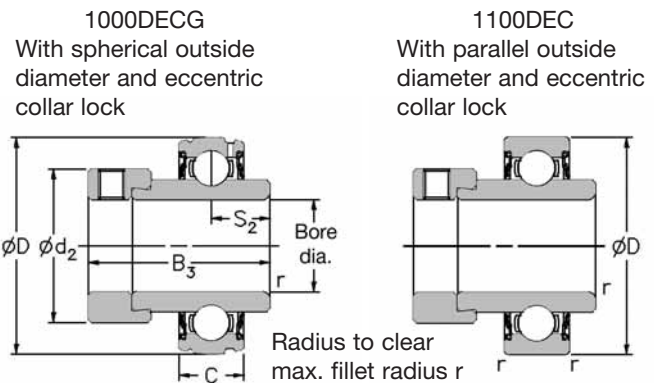


Shaft diameter		RHP designation	Dimensions (mm)							ISO load ratings		Rec. max. speed rev/min	Mass (approx.) kg	
			D	C	B	s	d1	M	r	dynamic Cr newtons	static Cor newtons			
55 60		1000G Series	1100 Series											
mm	inches													
55 60		1060-55G 1060-60G 1060-2³/₁₆G 1060-2¹/₄G 1060-2³/₈G 1060-2⁷/₁₆G	1160-55 1160-60 1160-2³/₁₆ 1160-2¹/₄ 1160-2³/₈ 1160-2⁷/₁₆	110.000	22.00	65.10	25.44	76.00	10.00	1.50	48000	33000	2800	1.47
60 65	2 ¹ / ₂	1065-60G 1065-65G 1065-2¹/₂G	1165-60 1165-65 1165-2¹/₂	120.000	23.00	65.10	25.44	82.50	10.00	1.50	57500	40000	2600	2.02
60 65 70	2 ⁷ / ₁₆ 2 ¹ / ₂ 2 ⁵ / ₈ 2 ¹¹ / ₁₆	1070-60G 1070-65G 1070-70G 1070-2⁷/₁₆G 1070-2¹/₂G 1070-2⁵/₈G 1070-2¹¹/₁₆G	1170-60 1170-65 1170-70 1170-2⁷/₁₆ 1170-2¹/₂ 1170-2⁵/₈ 1170-2¹¹/₁₆	125.000	24.00	74.60	30.24	89.00	12.00	1.50	61000	45000	2450	2.27
65 70 75	2 ¹¹ / ₁₆ 2 ³ / ₄ 2 ⁷ / ₈ 2 ¹⁵ / ₁₆ 3	1075-65G 1075-70G 1075-75G 1075-2¹¹/₁₆G 1075-2³/₄G 1075-2⁷/₈G 1075-2¹⁵/₁₆G 1075-3G	1175-65 1175-70 1175-75 1175-2¹¹/₁₆ 1175-2³/₄ 1175-2⁷/₈ 1175-2¹⁵/₁₆ 1175-3	130.000	25.00	77.80	33.34	94.00	12.00	1.50	66000	49500	2300	2.61
75 80	2 ¹⁵ / ₁₆ 3 3 ³ / ₁₆ 3 ¹ / ₄	1080-75G 1080-80G 1080-2¹⁵/₁₆G 1080-3G 1080-3³/₁₆G 1080-3¹/₄G	1180-75 1180-80 1180-2¹⁵/₁₆ 1180-3 1180-3³/₁₆ 1180-3¹/₄	140.000	26.00	82.60	33.34	100.00	12.00	2.00	71500	54500	2150	3.23
80 85	3 ³ / ₁₆ 3 ¹ / ₄ 3 ³ / ₈ 3 ⁷ / ₁₆	1085-80G 1085-85G 1085-3³/₁₆G 1085-3¹/₄G 1085-3³/₈G 1085-3⁷/₁₆G	1185-80 1185-85 1185-3³/₁₆ 1185-3¹/₄ 1185-3³/₈ 1185-3⁷/₁₆	150.000	28.00	85.70	34.15	107.10	12.00	2.00	83000	64000	2000	3.74
85 90	3 ⁷ / ₁₆ 3 ¹ / ₂	1090-85G 1090-90G 1090-3⁷/₁₆G 1090-3¹/₂G	1190-85 1190-90 1190-3⁷/₁₆ 1190-3¹/₂	160.000	30.00	96.00	39.74	111.50	15.00	2.00	96000	71500	1900	4.99
95 100	3 ¹⁵ / ₁₆ 4	3095-95G 3095-100G 3095-3¹⁵/₁₆G 3095-4G		200.000	45.00	117.48	49.31	127.10	16.00	2.50	157000	122000	1600	9.53

Please check availability

Self-Lube® bearing inserts

1000DECG and 1100DEC Series



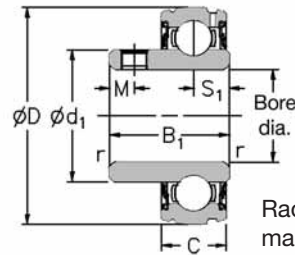
Shaft diameter		RHP designation		Dimensions (mm)						ISO load ratings		Rec. max. speed	Mass (approx.)
mm	inches	1000DECG Series	1100EC Series	D	C	B3	s2	d2	r	dynamic Cr	static Cor	rev/min	kg
										newtons	newtons		
20	3/4	1020-20DECG 1020-3/4DECG	1120-20DEC 1120-3/4DEC	47.000	14.00	43.73	17.13	33.30	1.00	12800	6650	6700	0.20
25	7/8 15/16 1	1025-25DECG 1025-7/8DECG 1025-15/16DECG 1025-1DECG	1125-25DEC 1125-7/8DEC 1125-15/16DEC 1125-1DEC	52.000	15.00	44.43	17.53	38.10	1.00	14000	7880	6250	0.26
30	1 1/8 1 3/16 1 1/4	1030-30DECG 1030-1 1/8DECG 1030-1 3/16DECG 1030-1 1/4DECG	1130-30DEC 1130-1 1/8DEC 1130-1 3/16DEC 1130-1 1/4DEC	62.000	16.00	48.43	18.33	44.50	1.00	19500	11300	5300	0.53
35	1 1/4 1 3/8 1 7/16	1035-35DECG 1035-1 1/4DECG 1035-1 3/8DECG 1035-1 7/16DECG	1135-35DEC 1135-1 1/4DEC 1135-1 3/8DEC 1135-1 7/16DEC	72.000	17.00	51.13	18.83	55.60	1.00	25700	15300	4500	0.70
40	1 1/2	1040-40DECG 1040-1 1/2DECG	1140-40DEC 1140-1 1/2DEC	80.000	18.00	56.33	21.43	60.30	1.00	32500	19900	4000	0.82
45	1 5/8 1 11/16 1 3/4	1045-45DECG 1045-1 5/8DECG 1045-1 11/16DECG 1045-1 3/4DECG	1145-45DEC 1145-1 5/8DEC 1145-1 11/16DEC 1145-1 3/4DEC	85.000	19.00	56.33	21.43	63.50	1.00	32500	20500	3700	1.08
50	1 7/8 1 15/16	1050-50DECG 1050-1 7/8DECG 1050-1 15/16DECG	1150-50DEC 1150-1 7/8DEC 1150-1 15/16DEC	90.000	20.00	62.73	24.64	69.90	1.00	35000	23200	3400	1.19
55	2 2 1/8 2 3/16	1055-55DECG 1055-2DECG 1055-2 1/8DECG 1055-2 3/16DECG	1155-55DEC 1155-2DEC 1155-2 1/8DEC 1155-2 3/16DEC	100.000	21.00	71.42	27.84	76.20	1.50	43500	29200	3100	1.40
60	2 1/4 2 3/8 2 7/16	1060-60DECG 1060-2 1/4DECG 1060-2 3/8DECG 1060-2 7/16DECG	1160-60DEC 1160-2 1/4DEC 1160-2 3/8DEC 1160-2 7/16DEC	110.000	22.00	77.84	31.04	84.20	1.50	48000	33000	2800	1.72
	2 1/2	1065-60DECG 1065-2 1/2DECG	1165-60DEC 1165-2 1/2DEC	120.000	23.00	85.74	34.14	92.00	1.50	57500	40000	2600	2.21
65 70	2 1/2 2 5/8 2 11/16	1070-65DECG 1070-70DECG 1070-2 1/2DECG 1070-2 5/8DECG 1070-2 11/16DECG	1170-65DEC 1170-70DEC 1170-2 1/2DEC 1170-2 5/8DEC 1170-2 11/16DEC	125.000	24.00	85.74	34.14	97.00	1.50	61000	45000	2450	2.56
65 70 75	2 11/16 2 3/4 2 7/8 2 15/16	1075-65DECG 1075-70DECG 1075-75DECG 1075-2 11/16DECG 1075-2 3/4DECG 1075-2 7/8DECG 1075-2 15/16DECG	1175-65DEC 1175-70DEC 1175-75DEC 1175-2 11/16DEC 1175-2 3/4DEC 1175-2 7/8DEC 1175-2 15/16DEC	130.000	25.00	92.14	37.34	102.00	1.50	66000	49500	2300	2.94

Please check availability

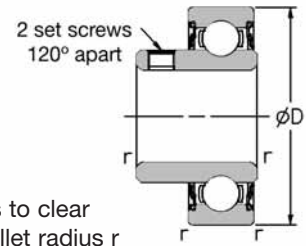
Self-Lube® bearing inserts

1200G and 1300 Series

1200G
With spherical outside diameter and integral set screw lock



1300DEC
With parallel outside diameter and integral set screw lock

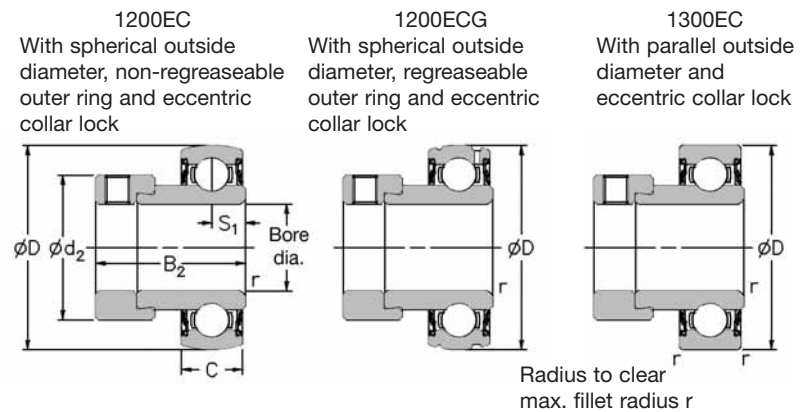


Shaft diameter		RHP designation		Dimensions (mm)							ISO load ratings		Rec. max. speed rev/min	Mass (approx.) kg
				D	C	B1	s1	d1	M	r	dynamic Cr newtons	static Cor newtons		
mm	inches	1200G Series	1300 Series											
20	¾	1220-20G 1220-¾G	1320-20 1320-¾	47.000	14.00	25.80	7.53	28.30	5.00	1.00	12800	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 1230-1¼G	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

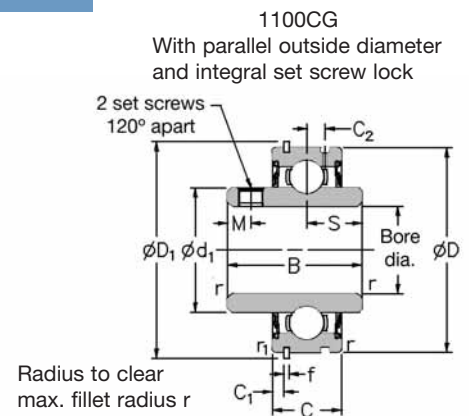


Shaft diameter		RHP designation			Dimensions (mm)						ISO load ratings		Rec. max. speed rev/min	Mass (approx.) kg
					D	C	B2	s1	d2	r	dynamic Cr newtons	static Cor newtons		
mm	inches	1200EC Series	1200ECG Series	1300EC Series										
12		1217-12EC	1217-12ECG	1317-12EC	40.000	12.00	28.63	6.53	28.60	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										
	1/2	1217-1/2EC	1217-1/2ECG	1317-1/2EC										
	5/8	1217-5/8EC	1217-5/8ECG	1317-5/8EC										
20		1220-20EC	1220-20ECG	1320-20EC	47.000	14.00	31.03	7.53	33.30	1.00	12800	6650	6700	0.16
	3/4	1220-3/4EC	1220-3/4ECG	1320-3/4EC										
25		1225-25EC	1225-25ECG	1325-25EC	52.000	15.00	31.03	7.53	38.10	1.00	14000	7880	6250	0.23
	7/8	1225-7/8EC	1225-7/8ECG	1325-7/8EC										
	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
	1 1/8	1230-1 1/8EC	1230-1 1/8ECG	1330-1 1/8EC										
	1 3/16	1230-1 3/16EC	1230-1 3/16ECG	1330-1 3/16EC										
	1 1/4	1230-1 1/4EC	1230-1 1/4ECG	1330-1 1/4EC										
35		1235-35EC	1235-35ECG	1335-35EC	72.000	17.00	38.93	9.53	55.60	1.00	25700	15300	4500	0.58
	1 1/4	1235-1 1/4EC	1235-1 1/4ECG	1335-1 1/4EC										
	1 3/8	1235-1 3/8EC	1235-1 3/8ECG	1335-1 3/8EC										
	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
	1 1/2	1240-1 1/2EC	1240-1 1/2ECG	1340-1 1/2EC										
45		1245-45EC	1245-45ECG	1345-45EC	85.000	19.00	43.73	11.03	63.50	1.00	32500	20500	3700	0.87
	1 5/8	1245-1 5/8EC	1245-1 5/8ECG	1345-1 5/8EC										
	1 11/16	1245-1 11/16EC	1245-1 11/16ECG	1345-1 11/16EC										
	1 3/4	1245-1 3/4EC	1245-1 3/4ECG	1345-1 3/4EC										
50		1250-50EC	1250-50ECG	1350-50EC	90.000	20.00	43.73	11.04	69.90	1.00	35000	23200	3400	0.98
	1 7/8	1250-1 7/8EC	1250-1 7/8ECG	1350-1 7/8EC										
	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

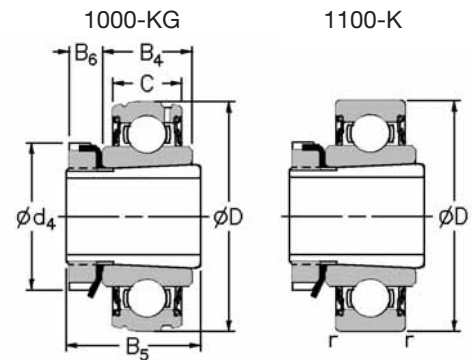


Shaft diameter		RHP designation	Dimensions (mm)											ISO load ratings		Rec. max. speed rev/min	Mass (approx.) kg	
			D	D1	C	C1	C2	B	s	d1	f	M	r	r1	dynamic Cr newtons			static Cor newtons
20	3/4	1120-20CG 1120-3/4CG	47.000	52.68	15.88	2.39	4.17	31.00	12.73	28.30	1.12	5.00	1.00	0.50	12800	6650	6700	0.23
25	7/8 15/16 1	1125-25CG 1125-7/8CG 1125-15/16CG 1125-1CG	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
30	1 1/8 1 3/16	1130-30CG 1130-1 1/8CG 1130-1 3/16CG	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
35	1 1/4 1 3/8 1 7/8	1135-35CG 1135-1 1/4CG 1135-1 3/8CG 1135-1 7/8CG	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
40	1 1/2	1140-40CG 1140-1 1/2CG	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
45	1 5/8 1 11/16 1 3/4	1145-45CG 1145-1 5/8CG 1145-1 11/16CG 1145-1 3/4CG	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
	1 7/8 1 5/4	1150-1 7/8CG 1150-1 5/4CG	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
55	2 2 3/16	1155-55CG 1155-2CG 1155-2 3/16CG	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

Please check availability

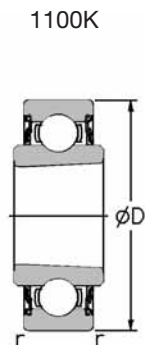
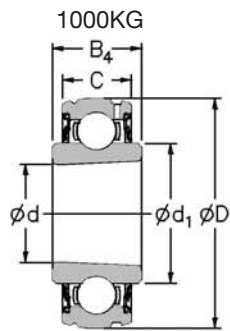
Self-Lube[®] bearing inserts with adapter sleeves

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		1000KG	1100K	D	C	B4	
20	3/4	1025-20KG 1025-3/4KG	1125-20K 1125-3/4K	H305 HE305-3/4	1025KG	1125K	52.000	15.00	19.00
25	1 5/16 1	1030-25KG 1030-1 5/16KG 1030-1KG	1130-25K 1130-1 5/16K 1130-1K	H306 HE306-1 5/16 HE306-1	1030KG	1130K	62.000	16.00	20.00
30	1 1/8 1 3/16	1035-30KG 1035-1 1/8KG 1035-1 3/16KG	1135-30K 1135-1 1/8K 1135-1 3/16K	H307 HE307-1 1/8 HE307-1 3/16	1035KG	1135K	72.000	17.00	21.00
35	1 1/4 1 3/8	1040-35KG 1040-1 1/4KG 1040-1 3/8KG	1140-35K 1140-1 1/4K 1140-1 3/8K	H308 HE308-1 1/4 HE308-1 3/8	1040KG	1140K	80.000	18.00	22.00
40	1 7/16 1 1/2	1045-40KG 1045-1 7/16KG 1045-1 1/2KG	1145-40K 1145-1 7/16K 1145-1 1/2K	H309 HE309-1 7/16 HE309-1 1/2	1045KG	1145K	85.000	19.00	23.00
45	1 11/16 1 3/4	1050-45KG 1050-1 11/16KG 1050-1 3/4KG	1150-45K 1150-1 11/16K 1150-1 3/4K	H310 HE310-1 11/16 HE310-1 3/4	1050KG	1150K	90.000	20.00	24.00
50	1 15/16 2	1055-50KG 1055-1 15/16KG 1055-2KG	1155-50K 1155-1 15/16K 1155-2K	H311 HE311-1 15/16 HE311-2	1055KG	1155K	100.000	21.00	25.00

Please check availability



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

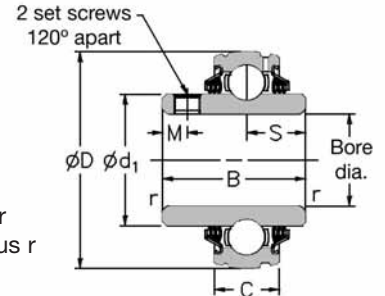
Self-Lube[®] triple seal bearing inserts

T1000G Series



T1000G

With spherical outside diameter and integral set screw lock



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

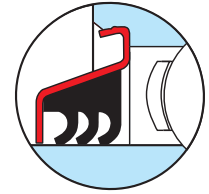
Please check availability

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

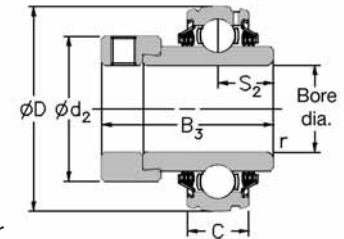
Please check availability

Self-Lube® triple seal bearing inserts

T1000DECG Series



T1000DECG
With spherical outside diameter
and eccentric collar lock



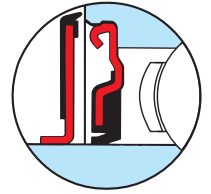
Radius to clear
max. fillet radius r

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

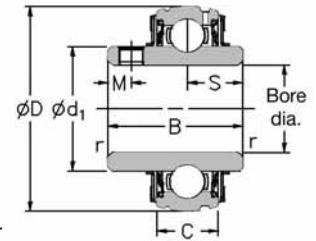
Please check availability

Self-Lube® bearing inserts with flinger seals

1000GFS Series



1000GFS
With spherical outside diameter and integral set screw lock



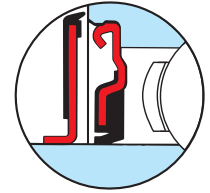
Radius to clear max. fillet radius r

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

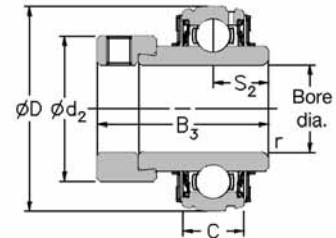
Please check availability

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

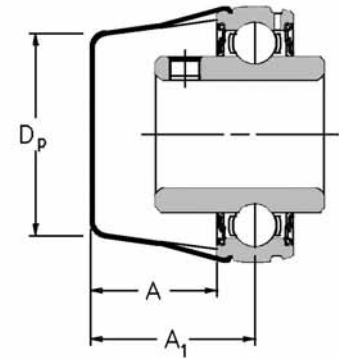
Shaft diameter		RHP designation	Dimensions (mm)					ISO load ratings		Rec. max. speed rev/min	Mass (approx.) kg	
mm	inches		D	C	B3	s2	d2	r	dynamic Cr newtons			static Cor newtons
25	$\frac{7}{8}$ $\frac{15}{16}$ 1	1025-25DECGFS 1025-$\frac{7}{8}$DECGFS 1025-$\frac{15}{16}$DECGFS 1025-1DECGFS	52.000	15.00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

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, 3/4	20P	20P	20P	20P	20P	20P	-	20P	-	-	20P	20P	-
25, 7/8, 15/16, 1	25P	25P	25P	25P	25P	25P	25P	25P	25P	30P	30P	30P	30P
30, 1 1/8	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
1 1/4	35P	35P	35P	35P	35P	35P	35P	30P	30P	35P	35P	40P	35P
35, 1 3/8	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, 1 1/2	40P	40P	40P	-	40P	40P	-	40P*	-	40P	40P	45P	45P
45, 1 5/8	45P	45P	45P	-	45P	45P	-	45P*	-	50P	50P	50P	50P
1 11/16, 1 3/4	45P	45P	45P	-	45P	45P	-	45P*	-	50P	50P	50P	50P
50, 1 7/8, 1 15/16	50P	50P	-	-	50P	50P	-	50P*	-	55P	50P	55P	55P
2	55P	55P	-	-	55P	55P	-	55P*	-	55P	50P	55P	55P
55, 2 1/8, 2 3/16	55P	55P	-	-	55P	55P	-	55P*	-	60P	60P	-	60P
2 1/4	60P	60P	-	-	60P	60P	-	60P*	-	60P	60P	-	60P
60, 2 3/8, 2 7/16	60P	60P	-	-	60P	60P	-	60P*	-	-	60P	-	-

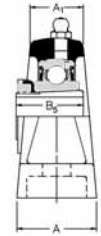
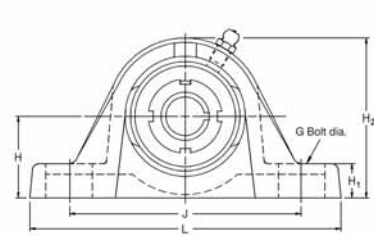
* Please check availability of units (protectors are available, but special SLFEP flangettes may not be).

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	
						L	H	H1	H2	J _{max}	J _{min}
mm	inches										
20	NP1025-20K NP1025-3/4K	H305 HE305-3/4	NP1025K	1025	3	139*	36.50	16.0	71.0	112.7	96.8
25	NP1030-25K NP1030-15/16K NP1030-1K	H306 HE306-15/16 HE306-1	NP1030K	1030	4	160.5	42.90	17.7	82.7	129.5	108.5
30	NP1035-30K NP1035-1/8K NP1035-13/16K	H307 HE307-1/8 HE307-13/16	NP1035K	1035	5	166.0	47.60	17.5	93.0	136.5	121.5
35	NP1040-35K NP1040-1/4K NP1040-13/8K	H308 HE308-1/4 HE308-13/8	NP1040K	1040	6	180.5	49.20	18.5	98.5	148.0	127.0
40	NP1045-40K NP1045-1/2K NP1045-1K	H309 HE309-1/2 HE309-1K	NP1045K	1045	7	190.5	54.00	20.0	108.0	154.5	140.5
45	NP1050-45K NP1050-11/16K NP1050-13/4K	H310 HE310-11/16 HE310-13/4	NP1050K	1050	8	206.0	57.20	21.0	115.2	163.0	154.0
50	NP1055-50K NP1055-15/8K NP1055-2K	H311 HE311-15/8 HE311-2	NP1055K	1055	9	219.5	63.50	24.8	129.5	178.5	162.5

Please check availability