NSK-RHP is part of the international NSK group who are one of the world's leading manufacturers of rolling bearings, automotive components and mechatronic products.

The group has more than 30 manufacturing units around the world, employing over 21,000 people and is represented by sales offices and Authorised Distributors almost everywhere.

Our manufacturing programme includes bearings from 1mm bore to 5 metres, covering virtually all conceivable application areas. Self-Lube is an integral part of our comprehensive product range.

Introduction

Self-Lube is the registered trademark for the RHP range of wide inner ring bearings and mounted bearing units.

Self-Lube units provide simple and effective bearing arrangements capable of accommodating moderate initial misalignment from mounting errors. They are easily mounted onto commercial shafting and are particularly useful where fabricated machine frames are employed.

The units are available in a variety of pillow block and flange mounted configurations with one piece cast iron or two piece pressed steel housings.

Self-Lube inserts are wide inner ring ball bearings that are effectively and efficiently sealed. Simple fitting onto standard shafting is provided for by means of eccentric locking collar, set screws or adapter sleeve.

The reliability, simplicity and ease of assembly of items in the Self-Lube range has resulted in their popularity for agricultural, extraction and construction machinery as well as process and automation equipment.

Product Selection

The purpose of this catalogue is to introduce the RHP Self-Lube range and provide the necessary technical information for assisting in selecting the most appropriate Self-Lube product for most applications. NSK-RHP can provide many other items which are covered in further publications and can provide additional advice.

Examples of calculation methods used when making a selection are included within this catalogue together with advice and information about mounting.

In line with our policy of continuous improvement, we reserve the right to amend the details in this catalogue without prior notice. If you have any doubts when making an application selection, or if you require additional information, please contact NSK-RHP.

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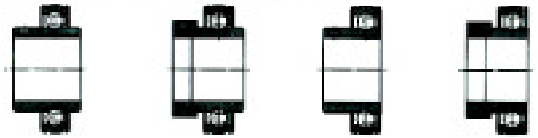
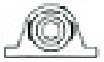
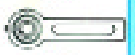
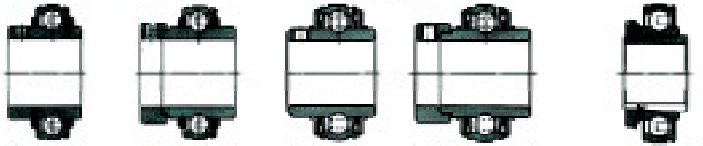
Housing type

Insert type



		Page	80	82	83	84
Cast Iron one piece		24 30 32	NP SL MP	NP-DEC SL-DEC	NP-A SL-A	NP-EC SL-EC
		36 38	SNP CNP	SNP-DEC CNP-DEC	SNP-A CNP-A	SNP-EC CNP-EC
		38 40	SF MSF	SF-DEC	SF-A	SF-EC
		44 46	SFT MSFT	SFT-DEC	SFT-A	SFT-EC
		50	LFTC	LFTC-DEC	LFTC-A	LFTC-EC
		52	FC	FC-DEC	FC-A	FC-EC
		54	MFC			
		56 58	ST MST	ST-DEC	ST-A	ST-EC
		62	BT		BT-A	BT-EC
		64 66	SLC MSC	SLC-DEC	SLC-A	SLC-EC
		68 68	SCHB SCH			
Pressed steel two piece		70	SLFE	SLFE-DEC	SLFE-A	SLFE-EC
		72	SLFT	SLFT-DEC	SLFT-A	SLFT-EC
		74	SLFL	SLFL-DEC	SLFL-A	SLFL-EC
		76 78	LFS LFSR	LFS-DEC LFSR-DEC	LFS-A LFSR-A	LFS-EC LFSR-EC

Insert type



88	90	91	92	86	Page
TNP TSL TMP	TNP-DEC TSL-DEC	NP-FS SL-FS MP-FS	NP-DECFS SL-DECFS	NP1000-K MP1030-K	28 34
TSNP TCNP	TSNP-DEC TCNP-DEC	SNP-FS CNP-FS	SNP-DECFS CNP-DECFS		
TSF TMSF	TSF-DEC	SF-FS MSF-FS	SF-DECFS	MSF1000-K	42
TSFT TMSFT	TSFT-DEC	SFT-FS MSFT-FS	SFT-DECFS	MSFT1000-K	48
TLFTC	TLFTC DEC	LFTC-FS	LFTC DECFS		
TFC	TFC-DEC	FC-FS	FC-DECFS		
TMFC		MFC-FS			
TST TMST	TST-DEC	ST-FS MST-FS	ST-DECFS	MST1000-K	60
TBT		BT-FS			
TSLC TMSC	TSLC-DEC	SLC-FS MSC-FS	SLC-DECFS		
TSCHB TSCH		SCHB-FS SCH-FS			
TSLFE	TSLFE-DEC	SLFE-FS	SLFE-DECFS		
TSLFT	TSLFT-DEC	SLFT-FS	SLFT-DECFS		
TSLFL	TSLFL-DEC	SLFL-FS	SLFL-DECFS		

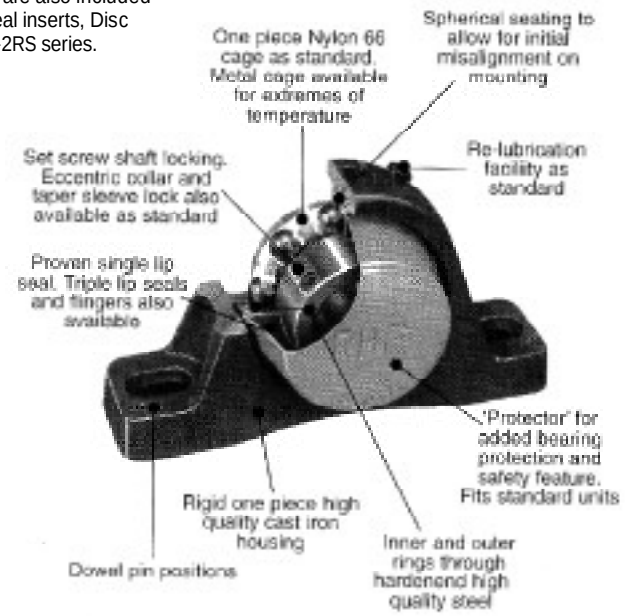
Under the heading of Self-Lube bearings there are two basic products: the Self-Lube bearing insert and the Self-Lube bearing unit.

Self-Lube bearing insert
The Self-Lube bearing insert, commonly known as a wide inner ring bearing, is designed to suit the wide range of housings offered by RHP in the Self-Lube bearing unit range and is also suitable for applications where the user's own housing is preferred.

They are basically deep-groove ball bearings to the internationally popular 6200 series configuration with integral design features making them more functional and versatile than the standard ball bearing. The radial internal clearance is C3 for standard bearing inserts and they are offered with either parallel or spherical outside diameter outer rings with the latter being the type fitted in the bearing unit.

The integral design features of the bearing insert such as shaft locking, seals and lubrication are explained in the following pages.

Variations of the basic series which have been designed for specific applications are also included in this catalogue, e.g. Triple Lip Seal inserts, Disc Harrow bearings and the1726200-2RS series.



Self-Lube bearing unit
The RHP 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 Self-Lube bearing inserts, with spherical outside diameter. 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 all 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.

Additional Products
RHP does recognise the need for the 'tailor made' and is always willing to help customers who have a requirement for something out of the ordinary, commensurate with meeting certain price and volume criteria. The glossary of some of the special inserts and units which RHP currently manufactures is shown on pages 103 to104.

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 relubrication facility.
H	Bearing insert with hexagon bore.
HLT	High and Low temperature bearing insert.
J	Bearing insert with pressed steel cage.
K	Bearing insert with tapered bore.
L	Larger than normal unit for the basic bore size.
R	Smaller than normal unit for the basic bore size.

Self-Lube Protector
The RHP 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.

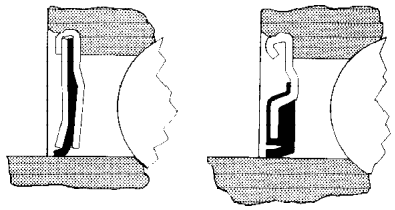
Standard Self-Lube inserts with spherical outside diameters have a 'groove' in the outer ring on the opposite side from the grease groove. The Protector has two claws which locate through the casting loading slots with the 'groove' in the outer ring. This provides a very secure lock and makes the Protector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

The Protector can be removed by inserting a form of lever device into the 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.

(Patented)

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

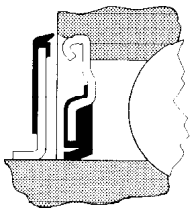


Single lip seal Single lip seal - 'S' type

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.

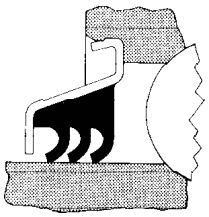
They are offered for the 1000 and 1000DEC types and are identified with the suffix FS (e.g. 1025-25GFS,NP25FS).

Please check availability.



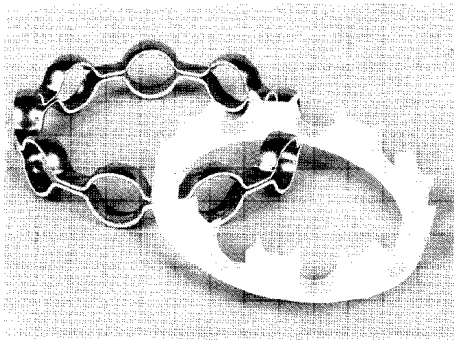
Flinger seal

Triple lip seal
For applications with a high 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 inclusive.



Triple lip seal

Cages
Plastic cages. All standard Self-Lube bearing inserts are fitted with nylon 66 cages.
Steel cages. Bearings specified to operate at extremes of temperature are fitted with steel cages.



Lubrication

Self-Lube bearings are factory charged with the correct amount of grease and do not require a further grease charge when being fitted.

Re-lubrication is not normally necessary except when operating at extremes of temperature, speed, loading, extended running, or where excessive wet or dirty conditions exist. The re-greasing cycle is dependent upon each application, and in such cases please consult NSK-RHP, or refer to the RHP Technical Handbook.

All cast iron units are fitted with a standard re-greaseable bearing insert. The housings are provided with a tapped hole to facilitate relubrication and supplied with a plastic plug and grease nipple. All such units are tapped 1/4" UNF except for the FC series which is tapped M5 x 0,8 pitch.

Note: A grease adapter (ref. 1003G) is available to fit the 1/4" UNF tapped hole to give 1/8" BSP female fitting.

To make the unit re-greaseable, insert grease nipple provided.

The pressed steel housings are not provided with a re-greasing facility.

Suitable greases for re-lubricating standard Self-Lube bearings are premium quality lithium based of No. 2 1/2 or No.3 consistency. See table below.

Unit	Unit temperature range	Grease	Supplier
Standard	-20°C to +110°C	Nerita HV	Shell
		Albida R2	Shell
		Alvania R3	Shell
		Alvania RA	Shell
		LZR2	Silkolene
		Energrease LS3	BP
		Beacon 3	Esso Petroleum
		Multis Special 3	Total
		Lupus A3	Century Oils
		Mobilux 3	Mobil Oil
Low Temperature	down to -40°C	Kluber Asonic HQ72-102	
High Temperature	up to 180°C	Kluber Asonic HQ72-102	

High and Low temperature inserts/units

Bearing inserts and units can be supplied for operating up to a maximum temperature of +180°C and down to a minimum temperature of -40°C.

Re-greasing is essential for these bearings using the recommended grease shown in the table. Other greases must not be used.

These bearings are fitted with a steel cage and provided with C5 radial internal clearance as standard.

When ordering please add the suffix HLT to the insert or unit reference, e.g. NP25EC HLT.

Set screw lock

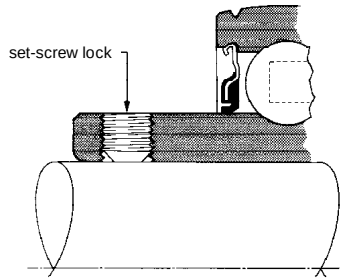
This locking arrangement consists of two knurled cup-point, self-locking, socket-head set screws fitted in the extended inner ring .

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 unit in 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 14.

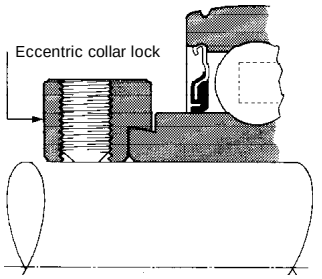


Set screw lock

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 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 14 prevents the collar 'backing off' in service.



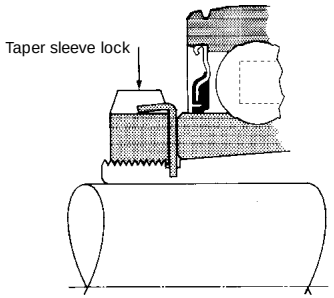
Eccentric collar lock

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 overtightened 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 page 15 for fitting instructions.)

The recommended tightening torques for the locknuts are given on page 14.



Taper sleeve lock

Set screw thread and tightening torques

Set screw thread and size

Basic bearing insert reference	Series			
	1000G, 1100, 1200G, 1300		1000 DECG, 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	1/4UNF	M6 x 0,75	3/8UNF	M10 x 1,25
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	5/16UNF	M8 x 1,00	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	3/8UNF	M10 x 1,25	3/8UNF	M10 x 1,25
1075	7/16UNF	M12 x 1,25	7/16UNF	M12 x 1,25
1080	7/16UNF	M12 x 1,25	-	-
1085	1/2UNF	M12 x 1,25	-	-
1090	1/2UNF	M12 x 1,25	-	-
3095	1/2UNF	M12 x 1,25	-	-

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
7/16 UNF	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 1,25	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. Maximum axial loads with a shouldered shaft are shown on page 21.

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

General notes on mounting

To prevent the possibility of damage to the bearing due to faulty installation, Self-Lube housings should always be bolted to the equipment and secured in position together with the shaft assembly before locking the inner rings onto the shaft. Failure to do so could result in axial preload leading to premature failure.

Clean, straight shafting should always be used, with a chamfered shaft end to provide a lead into the bearing bore.

It is important to ensure that the set screws are clear of the bearing bore before the unit is assembled onto the shaft.

The Self-Lube bearings will normally slide over the shaft but if a force fit is required a correctly sized brass tube should be used to press against the inner ring face. Never hammer the end of the inner ring or housing as this may damage the bearing.

When a shaft mounting is complete, turn the shaft to make certain it rotates freely without binding.

When using the spot drill method for the set screw seating, be careful not to damage the screw threads of the inner ring with the drill.

All cast iron bearing housings should be mounted, whenever possible, so that they are in compression under load, not tension, i.e. take-up units should be mounted with the adjuster pushing against the housing for take-up adjustment.

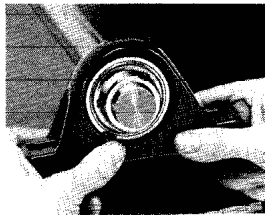
Cast iron housings should not be used on applications with heavy reversing or pulsating axial loads.

Special consideration should be given to applications with long bearing centre distances, or cases where the bearing could be subject to induced loads caused by differential expansion due to temperature change. In such cases please consult NSK-RHP.

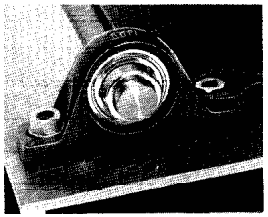
Additional notes on mounting Self-Lube adapter sleeve units

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 14.
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.
6 After 100 hours running it is advisable to check the tightness of the locknut.

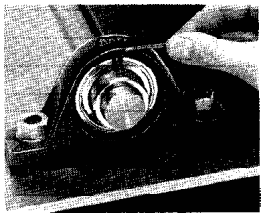
Self-Lube cast iron pillow block units



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

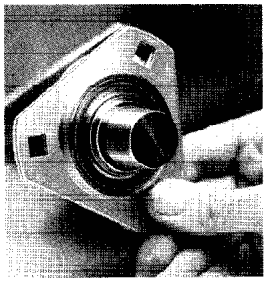


2 Bolt the unit down on to a flat surface but do not over-tighten.

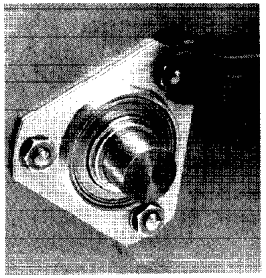


3 Tighten set screws to recommended torque.

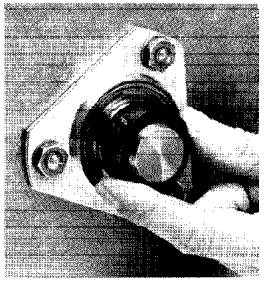
Self-Lube pressed steel flange units



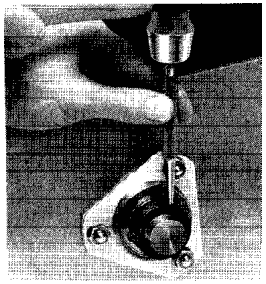
1 Assemble bearing and housing and slide onto the shaft. Do not engage collar.



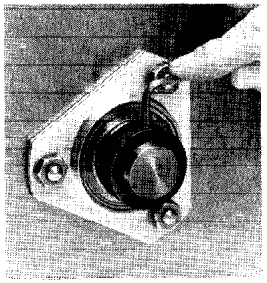
2 Lightly tighten bolts, repeat at other end of shaft and then finally tighten bolts on both sides.



3 Engage the eccentric collar in direction of shaft rotation.



4 Tighten collar with drift pin.



5 Tighten collar set screw to recommended torque.

Dynamic load ratings

The RHP dynamic load ratings given in this catalogue and the relationship between these and bearing fatigue life are based on the ISO standard 281. (1990)

Basic dynamic radial load rating C_r

This is defined as the load that can be applied to the bearing to give a basic L_{10} rating life of one million revolutions. This is the life associated with 90% reliability which has been found by experience to be acceptable for normal engineering bearing applications. The majority of the bearings attain a much longer life and the median life is approximately five times the L_{10} life. Ratings for each series are given in the bearing tables and are used to calculate life for radial loads of constant magnitude and direction.

Equivalent dynamic radial load P_r

For applications where axial and radial loads are present they must be converted into a single equivalent radial load P_r and calculated as follows, where:

F_r = actual radial load (N)
F_a = actual axial load (N)
Y = axial factor from table 18.2
C_{or} = basic static load rating
C_r = dynamic radial load rating
f_o = axial load factor

Note: Axial load F_a must not exceed 0,5 C_{or}.
Select f_o from table 18.1 for the appropriate bearing insert . Calculate $\frac{f_o F_a}{C_{or}}$ and obtain the value of Y from table 18.2

Calculate P_r where:

$P_r = F_r$

or

$P_r = 0{,}56\ F_r + YF_a$

Use whichever P_r value is the greatest.

Relationship between load and life

Having determined the equivalent load P_r the nominal L_{10} bearing life is calculated as follows:

$$L_{10}\text{ life in hours} = \left(\frac{C_r}{P_r}\right)^3 \times \frac{10^6}{60n}$$

where n = bearing operating speed (rev/min).

Alternatively, by using the loading ratio $\frac{C_r}{P_r}$ the bearing L_{10} life can be estimated by reading off directly from the tables on page 20 under the appropriate speed column.

Basic static load rating C_{or}

This value is calculated in accordance with ISO standard 76 - 1987. Ratings for each series are given in the bearing tables.

Static equivalent radial load P_{or}

When static axial and radial loads are applied to a bearing these must be converted to an equivalent static radial load P_{or} where:

F_{or} = actual static radial load (N)
F_{Oa} = actual static axial load (N)

Calculate P_{or} where:

$P_{or} = F_{or}$

or

$P_{or} = 0{,}6\ F_{or} + 0{,}5\ F_{oa}$

Use whichever P_{or} value is greater, but this value **should not exceed** the bearing static radial load rating C_{or}.

Service factors

It is customary when calculating bearing life to include application factors to allow for fluctuations in loading that occur in service, and from experience the following may be used as a guide.

For steady and light shock loads multiply load by 1.2 to 1.5.

For moderate shock loads multiply load by 1.7 to 2.0.

When selecting the size of bearing for a given load, the calculated life should conform to the L_{10} lives shown below:

Machines in use 8 hours/day - not fully utilised - 10,000 to 20,000 hours.

Machines in use 8 hours/day - fully utilised - 20,000 to 30,000 hours.

Machines in use 24 hours/day - 40,000 to 80,000 hours.

Machines in seasonal use - 4,000 to 8,000 hours.

Limiting loads

The axial load F_{oa} must not exceed half the basic static load rating C_{or}. Housing strengths must also be considered as a limiting factor - see page 21.

Table 18.1

Basic bearing insert	f_0
1017	13,1
1020	13,1
1025	13,9
1030	13,8
1035	13,8
1040	14,0
1045	14,1
1050	14,4
1055	14,3
1060	14,3
1065	14,4
1070	14,4
1075	14,7
1080	14,6
1085	14,7
1090	14,5
3095	13,6

Table 18.2

$\frac{f_0 F_a}{C_{or}}$	Y
0,172	2,30
0,345	1,99
0,689	1,71
1,03	1,55
1,38	1,45
2,07	1,31
3,45	1,15
5,17	1,04
6,89	1,00

Example 1

What nominal life can be obtained from NP55 with a steady radial load F_r = 3900N at a speed of 1500 rev/min? The dynamic load rating C_r of the unit from page 25 is 43500N. Since the bearing is not subject to axial load the equivalent load $P_r = F_r$ according to the formula on page 17. Therefore applying the service factor of 1·2 for a steady load (given on page 17)

$P_r = F_r \times 1{\cdot}2 = 3900 \times 1{\cdot}2 = 4680$N.

From page 17,

$$L_{10}\text{ life in hours} = \left(\frac{C_r}{P_r}\right)^3 \times \frac{10^6}{n \times 60}$$

$$= \left(\frac{43500}{4680}\right)^3 \times \frac{10^6}{1500 \times 60}$$

$$= 8923\text{hours}$$

Alternatively, using the loading ratio tables on page 20 an approximate life can be obtained by locating the nearest $\frac{C_r}{P_r}$ value in the appropriate rev/min column.

Therefore $\frac{C_r}{P_r} = \frac{43500}{4680} = 9{\cdot}29$

Under the 1500 rev/min column the nearest $\frac{C_r}{P_r}$ value is 9·65 which gives an approximate life of 10000 hours.

Example 2

With a radial load F_r = 2940N and an axial load F_a = 1470N at 300 rev/min with moderate shock present, what nominal L_{10} life can be obtained from unit reference SF40?

The dynamic radial load rating (C_r) of the unit from page 39 is 29100N and the static load rating (C_{or}) is 17900N.

Since the bearing is subject to radial and axial loads we have to establish the equivalent load P_r according to page 17.

First, we establish the value of $\frac{f_o F_a}{C_{or}}$.

$$\frac{f_o F_a}{C_{or}} = \frac{14{,}0 \times 1470}{17900} = 1{,}15$$

Using this value, from table 18.2 we establish a value for Y = 1,52 by interpolation. From page 17 we then calculate the value of P_r.

P_r = 2940N

or

P_r = 0,56 (2940) + 1,52 (1470) = 3881N

Using the greater value of P_r and applying an application factor of 1,7 (page 17) for moderate shock loads then:

P_r = 3881 x 1,7

= 6598N

From page 17:

$$L_{10}\text{ life hours} = \left(\frac{C_r}{P_r}\right)^3 \times \frac{10^6}{60n}$$

$$= \left(\frac{29100}{6598}\right)^3 \times \frac{10^6}{60 \times 300}$$

$$= 4766\text{ hours}$$

Alternatively, using the loading ratio tables on page 20, an approximate life can be obtained by locating the nearest C_r/P_r value in the appropriate rev/min column.

Therefore, C_r/P_r = 29100/6598 = 4·41.

Under the 300 rev/min column page 20 the nearest value is 4·48 which gives an approximate life of 5000 hours.

Housing strength

To check the housing strength for the above example when the axial load F_a = 1470N and applying an application factor of 1,7 then:

axial load = 1470 x 1,7 = 2499N

From page 21 we see that the maximum axial loads for the above unit are:

0,45 C_{or} in one direction, and

0,25 C_{or} in the opposite direction.

Calculating these two maximum axial loads that may be applied to housing:

0,45 x 17900 = 8055N

0,25 x 17900 = 4475N

From the above it can be seen that the housing will support the axial load of 2499N in either direction.

Therefore, the unit above is satisfactory for the loading conditions stated.

Note It is advisable to shoulder the shaft for high axial loads.

Life estimation for ball bearings for different $\frac{C_r}{P_r}$ ratios and speeds

L_{10} life (hours)	Speed: rev/min								
	25	50	100	150	200	300	500	750	1000
100					1.06	1.22	1.45	1.65	1.82
500		1.14	1.45	1.65	1.82	2.08	2.47	2.82	3.11
1000	1.14	1.44	1.82	2.08	2.29	2.62	3.11	3.56	3.91
1500	1.31	1.65	2.08	2.38	2.62	3.00	3.56	4.07	4.48
2000	1.45	1.82	2.29	2.62	2.88	3.30	3.91	4.48	4.93
3000	1.65	2.08	2.62	3.00	3.30	3.78	4.48	5.13	5.65
5000	1.96	2.47	3.11	3.56	3.91	4.48	5.32	6.08	6.70
7500	2.24	2.82	3.56	4.07	4.48	5.13	6.08	6.96	7.66
10000	2.47	3.11	3.91	4.48	4.93	5.65	6.70	7.66	8.43
19500	2.82	3.56	4.48	5.13	5.65	6.46	7.66	8.77	9.65
20000	3.11	3.91	4.93	5.65	6.21	7.11	8.43	9.65	10.6
30000	3.56	4.48	5.65	6.46	7.11	8.14	9.65	11.1	12.2
40000	3.91	4.93	6.21	7.11	7.81	8.96	10.6	12.2	13.4
60000	4.48	5.65	7.11	8.14	8.96	10.3	12.2	13.9	15.3
80000	4.93	6.21	7.81	8.96	9.83	11.3	13.4	15.3	16.8

L_{10} life (hours)	Speed: rev/min							
	1500	2000	3000	4000	5000	6000	8000	10000
100	2.08	2.29	2.62	2.88	3.11	3.30	3.63	3.91
500	3.56	3.91	4.48	4.93	5.32	5.65	6.21	6.69
1000	4.48	4.93	5.65	6.21	6.70	7.11	7.81	8.43
1500	5.13	5.65	6.46	7.11	7.65	8.15	8.96	9.65
2000	5.65	6.21	7.11	7.81	8.43	8.96	9.83	10.6
3000	6.46	7.11	8.14	8.96	9.65	10.3	11.3	12.2
5000	7.66	8.43	9.65	10.6	11.5	12.2	13.4	14.4
7500	8.77	9.65	11.1	12.2	13.1	13.9	15.3	16.5
10000	9.65	10.6	12.2	13.4	14.5	15.3	16.8	18.2
19500	11.1	12.2	13.9	15.3	16.5	17.5	19.3	20.8
20000	12.2	13.4	15.3	16.8	18.2	19.3	21.2	22.9
30000	13.9	15.3	17.5	19.3	20.8	22.1	24.3	26.2
40000	15.3	16.8	19.3	21.2	22.9	24.3	26.7	28.8
60000	17.5	19.3	22.1	24.3	26.2	27.8	30.7	33.0
80000	19.3	21.2	24.3	26.7	28.8	30.7	33.7	36.3

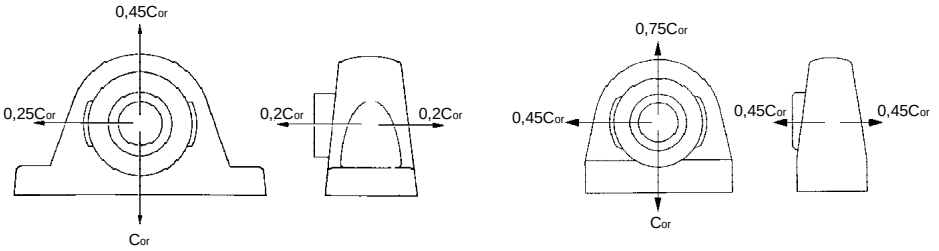
Maximum recommended steady housing loads

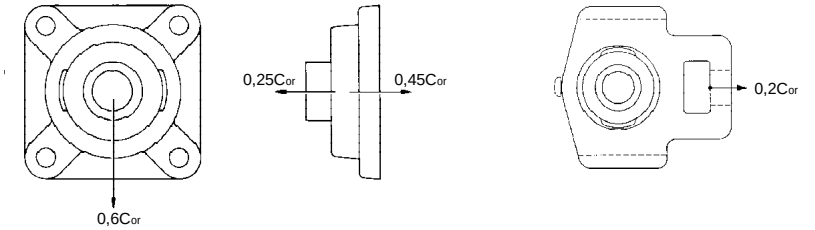
The maximum loads shown below are given as a proportion of the static load rating (C_{or}) of the bearing insert. Where the value of the axial load exceeds the set screw axial holding load listed on page 14, a shoulder on the shaft must be provided against the face of the inner ring.

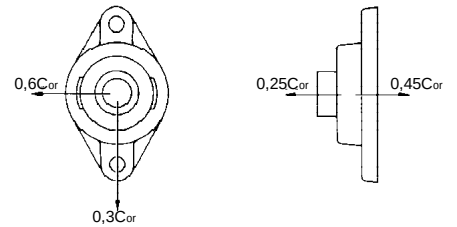
For shock load conditions additional safety factors must be applied.

Housing strength limits

Radial loads **Axial loads**







Refer to RHP for other types giving application details

Inner ring bore tolerances - Set screw and eccentric collar types

Nominal bore diameter d				Tolerance			
mm		inch		0,001mm units		0·0001 inch units	
above	incl.	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

The inner ring tolerances above do not apply to Disc Harrow type bearings shown on pages 94-101.

Inner ring bore tolerances - series 1726200 - 2RS and 1726300 - 2RS.

Nominal bore diameter d							
mm		inch		0,001mm units		0·0001 inch units	
above	incl.	above	incl.	high	low	high	low
10	18	0·3937	0·7087	0	-8	0	-3
18	30	0·7087	1·1811	0	-10	0	-4
30	50	1·1811	1·9685	0	-12	0	-5

Outer ring outside diameter tolerances

Nominal outside diameter D		Tolerance			
mm		0,001mm units		0·0001 inch units	
above	incl.	high	low	high	low
30	50	0	-11	0	-4
50	80	0	-13	0	-5
80	120	0	-15	0	-6
120	150	0	-18	0	-7
150	180	0	-25	0	-10
180	250	0	-30	0	-12

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

Nominal housing bore	Stationary outer ring				Rotating outer ring			
	Housing tolerance ISO H7				Housing tolerance ISO N7			
	0,001mm units		0·0001 inch units		0,001mm units		0·0001 inch units	
mm	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 diameter		High loads - high speeds					Normal applications					Light loads - low speeds				
			Max. speed	Shaft tolerance ISO h6				Max. speed	Shaft tolerance ISO h7				Max. speed	Shaft tolerance ISO h9			
				0·001mm units		0·0001inch units			0,001mm units		0·0001inch units			0,001mm units		0·0001inch units	
	mm	inches	rev/ min	high	low	high	low	rev/ min	high	low	high	low	rev/ min	high	low	high	low
1017	12-17	1/2-11/16	8800	0	–11	0	–4	5000	0	–18	0	–7	2000	0	–43	0	-17
1020	20	3/4	7450	0	–13	0	–5	4200	0	–21	0	–8	1700	0	–52	0	-20
1025	25	13/16-1	6250	0	–13	0	–5	3600	0	–21	0	–8	1350	0	–52	0	-20
1030	25-30	7/8-1 1/4	5300	0	–13	0	–5	3100	0	–21	0	–8	1100	0	–52	0	-20
1035	30-35	1 1/8-1 7/16	4500	0	–16	0	–6	2700	0	–25	0	–10	900	0	–62	0	-24
1040	35-40	1 3/8-1 9/16	4000	0	–16	0	–6	2400	0	–25	0	–10	750	0	–62	0	-24
1045	40-45	1 1/2-1 3/4	3700	0	–16	0	–6	2200	0	–25	0	–10	600	0	–62	0	-24
1050	45-50	1 5/8-2	3400	0	–16	0	–6	1950	0	–25	0	–10	500	0	–62	0	-24
1055	50-55	1 7/8-2 3/16	3100	0	–19	0	–7	1800	0	–30	0	–12	450	0	–74	0	-29
1060	55-60	2 1/8-2 7/16	2800	0	–19	0	–7	1600	0	–30	0	–12	400	0	–74	0	-29
1065	65	2 1/2	2600	0	–19	0	–7	1500	0	–30	0	–12	350	0	–74	0	-29
1070	60-70	2 7/16-2 11/16	2450	0	–19	0	–7	1400	0	–30	0	–12	300	0	–74	0	-29
1075	65-75	2 11/16-2 15/16	2300	0	–19	0	–7	1300	0	–30	0	–12	280	0	–74	0	-29
1080	75-80	2 15/16-3 1/4	2150	0	–19	0	–7	1200	0	–30	0	–12	250	0	–74	0	-29
1085	80-85	3 3/16-3 7/16	2000	0	–22	0	–9	1100	0	–35	0	–14	220	0	–87	0	-34
1090	85-90	3 7/16-3 1/2	1900	0	–22	0	–9	1050	0	–35	0	–14	200	0	–87	0	-34
3095	95-100	3 15/16-4	1600	0	–22	0	–9	1000	0	–35	0	–14	180	0	–87	0	-34

For most applications the standard set screw lock is more than satisfactory.

Whenever eccentric collar units are used it is recommended that the high loads column of shaft tolerances be adopted.

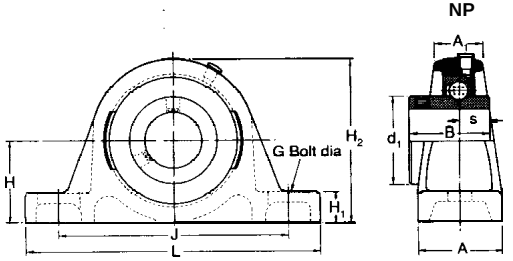
Whenever taper adapter sleeve locking arrangements are used the light loads column of shaft tolerances can be adopted.

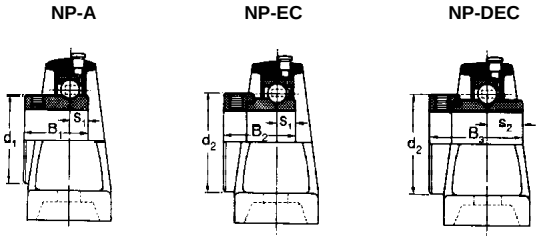
When operating conditions are very severe, for example, in case of heavy vibration or shock, a light interference fit may be required between the shaft and bearing bore diameter.

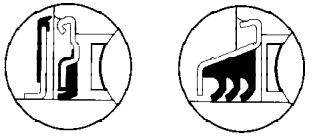
Housing tolerances for bearing units - series FC, MFC, SLC and MSC

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

NP SERIES







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.

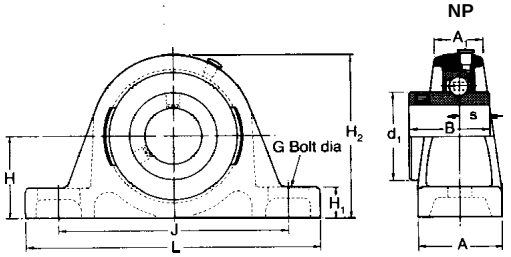
Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions				bolt centres	
								L	H	H1	H2	Jmax	Jmin
mm	inches							mm inches					
12		NP12		NP12EC		1017	1	126,5	30,20	14,2	57,2	100,5	85,5
15		NP15		NP15EC				4·980	1·189	·559	2·252	3·957	3·366
16		NP16		NP16EC									
17		NP17		NP17EC									
	1/2	NP1/2		NP1/2EC									
	5/8	NP5/8		NP5/8EC									
20		NP20	NP20A	NP20EC	NP20DEC	1020	2	127,0	33,30	14,0	65,2	100,5	88,5
	3/4	NP3/4	NP3/4A	NP3/4EC	NP3/4DEC			5·000	1·311	·551	2·567	3·957	3·484
25		NP25	NP25A	NP25EC	NP25DEC	1025	3	139,0	36,50	16,0	71,0	112,7	96,8
	7/8	NP7/8		NP7/8EC	NP7/8DEC			5·472	1·437	·630	2·795	4·437	3·811
	15/16	NP15/16		NP15/16EC	NP15/16DEC								
	1	NP1	NP1A	NP1EC	NP1DEC								
30		NP30	NP30A	NP30EC	NP30DEC	1030	4	160,5	42,90	17,7	82,7	129,5	108,5
	1 1/8	NP1 1/8		NP1 1/8EC	NP1 1/8DEC			6·319	1·689	·697	3·256	5·098	4·272
	1 3/16	NP1 3/16		NP1 3/16EC	NP1 3/16DEC								
	1 1/4	NP1 1/4R	NP1 1/4AR	NP1 1/4ECR	NP1 1/4DECR								
35		NP35	NP35A	NP35EC	NP35DEC	1035	5	166,0	47,60	17,5	93,0	136,5	121,5
	1 1/4	NP1 1/4	NP1 1/4A	NP1 1/4EC	NP1 1/4DEC			6·535	1·874	·689	3·661	5·374	4·783
	1 3/8	NP1 3/8		NP1 3/8EC	NP1 3/8 DEC								
	1 7/16	NP1 7/16		NP1 7/16EC	NP1 7/16DEC								
40		NP40	NP40A	NP40EC	NP40DEC	1040	6	180,5	49,20	18,5	98,5	148,0	127,0
	1 1/2	NP1 1/2	NP1 1/2A	NP1 1/2EC	NP1 1/2DEC			7·106	1·937	·728	3·878	5·827	5·000
45		NP45	NP45A	NP45EC	NP45DEC	1045	7	190,5	54,00	20,0	108,0	154,5	140,5
	1 5/8	NP1 5/8		NP1 5/8EC	NP1 5/8DEC			7·500	2·126	·787	4·252	6·083	5·531
	1 11/16	NP1 11/16		NP1 11/16EC	NP1 11/16DEC								
	1 3/4	NP1 3/4	NP1 3/4A	NP1 3/4EC	NP1 3/4DEC								
50		NP50	NP50A	NP50EC	NP50DEC	1050	8	206,0	57,20	21,0	115,2	163,0	154,0
	1 7/8	NP1 7/8		NP1 7/8EC	NP1 7/8DEC			8·110	2·252	·827	4·535	6·417	6·063
	1 15/16	NP1 15/16		NP1 15/16EC	NP1 15/16DEC								
	2	NP2R											
55		NP55			NP55DEC	1055	9	219,5	63,50	24,8	129,5	178,5	162,5
	2	NP2			NP2DEC			8·641	2·500	·976	5·098	7·028	6·398
	2 1/8	NP2 1/8			NP2 1/8DEC								
	2 3/16	NP2 3/16			NP2 3/16DEC								
60		NP60			NP60DEC	1060	10	240,0	69,90	26,3	142,3	201,0	176,0
	2 1/4	NP2 1/4			NP2 1/4DEC			9·449	2·752	1·035	5·602	7·913	6·929
	2 3/8	NP2 3/8			NP2 3/8DEC								
	2 7/16	NP2 7/16			NP2 7/16DEC								

Please check availability

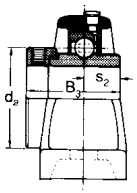
G	A	A1	B	B1	B2	B3	s	s1	s2	d1	d2	ISO load ratings dynamic Cr	ISO load ratings static Cor	Rec. max. speed	Mass (approx.)
mm inches												newtons lbf	newtons lbf	rev/ min	kg lb
10	30,5	20,5	27,38	-	28,54	-	11,55	6,55	-	24,21	28,58	9550	4760	7000	0,5
3/8	1·201	·807	1·078	-	1·124	-	·455	·258	-	·953	1·125	2150	1070		1·0
10	32,5	22,5	30,96	25,77	30,92	43,62	12,75	7,56	17,12	28,50	33,30	12800	6580	6700	0,6
3/8	1·280	·886	1·219	1·015	1·217	1·717	·502	·298	·674	1·122	1·311	2880	1480		1·4
10	36,5	24,5	34,11	27,35	30,92	44,40	14,32	7,56	17,49	34,01	38,10	14000	7880	6250	0,7
3/8	1·437	·965	1·343	1·077	1·217	1·748	·564	·298	·689	1·339	1·500	3150	1770		1·5
12	41,5	27,5	38,10	31,21	35,68	48,42	15,93	9,04	18,32	40,00	44,45	19500	11300	5300	1,3
1/2	1·634	1·083	1·500	1·229	1·405	1·906	·627	·356	·721	1·575	1·750	4380	2540		2·9
12	44,5	30,5	42,88	34,90	38,88	51,18	17,53	9,55	18,89	46,69	55,58	25700	15300	4500	1,7
1/2	1·752	1·201	1·688	1·374	1·531	2·015	·690	·376	·744	1·838	2·188	5780	3440		3·8
12	51,0	34,5	49,23	41,18	43,64	56,34	19,10	11,05	21,46	52,70	60,30	29100	17900	4000	2,1
1/2	2·008	1·358	1·938	1·621	1·718	2·218	·752	·435	·845	2·075	2·374	6540	4020		4·6
12	54,0	35,0	49,23	41,18	43,64	56,34	19,10	11,05	21,46	57,30	63,50	32500	20500	3700	2,8
1/2	2·126	1·378	1·938	1·621	1·718	2·218	·752	·435	·845	2·256	2·500	7310	4610		6·2
16	55,0	36,0	51,59	43,54	43,64	62,70	19,10	11,05	24,65	62,20	69,85	35000	23200	3400	3,2
5/8	2·165	1·417	2·031	1·714	1·718	2·469	·752	·435	·970	2·449	2·750	7870	5220		7·1
16	60,0	39,5	55,55	-	-	71,44	22,28	-	27,82	68,81	76,20	43500	29200	3100	4,0
5/8	2·362	1·555	2·187	-	-	2·813	·877	-	1·095	2·709	3·000	9780	6560		8·8
16	70,0	46,0	65,07	-	-	77,82	25,45	-	31,02	75,34	84,12	52500	35900	2800	5,9
5/8	2·756	1·811	2·562	-	-	3·064	1·002	-	1·221	2·966	3·312	11800	8070		13·1

NP SERIES (continued)

NP



NP-DEC

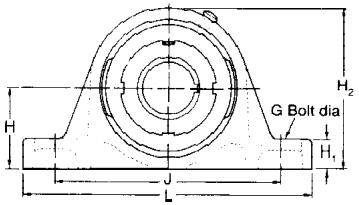


Shaft diameter		RHP designation		Basic bearing insert	Casting group	Dimensions L	H	H_1	H_2	bolt centres J max	J min
mm	inches					mm inches					
65		**NP65**	**NP65DEC**	1065	10/65	250,0	69,90	26,3	144,3	205,0	176,0
	$2^1/_2$	**NP$2^1/_2$**	**NP$2^1/_2$DEC**			9·843	2·752	1·035	5·681	8·071	6·929
70		**NP70**	**NP70DEC**	1070	11	266,0	79,4	30,2	156,0	220,0	200,0
	$2^{11}/_{16}$	**NP$2^{11}/_{16}$**				10·472	3·126	1·189	6·142	8·661	7·874
75		**NP75**	**NP75DEC**	1075	12	275,0	82,6	28,0	164,0	228,0	206,0
	$2^3/_4$	**NP$2^3/_4$**				10·827	3·252	1·102	6·457	8·976	8·110
	$2^7/_8$	**NP$^7/_8$**									
	$2^{15}/_{16}$	**NP$2^{15}/_{16}$**									
	3	**NP3**									
80		**NP80**		1080	13	291,0	88,9	30,0	174,0	241,0	214,0
	3	**NP3L**				11·457	3·500	1·181	6·850	9·488	8·425
85		**NP85**		1085	14	310,0	95,2	32,0	187,0	262,0	232,0
	$3^1/_4$	**NP$3^1/_4$**				12·205	3·748	1·260	7·362	10·315	9·134
	$3\ ^3/_8$	**NP$3^3/_8$**									
90		**NP90**		1090	15	327,0	101,6	36,0	200,0	280,0	244,0
	$3^7/_{16}$	**NP$3^7/_{16}$**				12·874	4·000	1·417	7·874	11·024	9·606
	$3^1/_2$	**NP$3^1/_2$**									

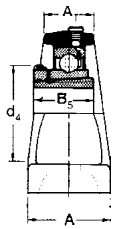
G	A	A_1	B	B_1	B_2	B_3	s	s_1	s_2	d_1	d_2	ISO load ratings dynamic C_r	static C_{or}	Rec. max. speed	Mass (approx.)
mm inches												newtons lbf	newtons lbf	rev/ min	kg lb
16	70,0	45,0	65,07	-	-	77,82	25,45	-	31,02	82,40	87,33	57500	40000	2600	5,9
$^5/_8$	2·756	1·772	2·562	-	-	3·064	1·002	-	1·221	3·244	3·438	12930	8990		13·1
24	72,0	47,0	74,63	-	-	85,36	30,23	-	34,19	87,00	96,82	62000	44000	2450	8,0
$^7/_8$	2·835	1·850	2·938	-	-	3·361	1·190	-	1·346	3·425	3·812	13940	9890		17·6
24	74,0	48,0	77,77	-	-	91,72	33,37	-	37,37	92,00	101,60	66000	49300	2300	9,0
$^7/_8$	2·913	1·890	3·062	-	-	3·611	1·314	-	1·471	3·622	4·000	14840	11080		19·8
24	78,0	56,0	82,55	-	-	-	33,37	-	-	98,50	-	72500	53000	2150	9,7
$^7/_8$	3·071	2·205	3·250	-	-	-	1·314	-	-	3·878	-	16300	11910		21·4
24	83,0	56,0	85,72	-	-	-	34,18	-	-	106,02	-	83500	63800	2000	11,8
$^7/_8$	3·268	2·205	3·375	-	-	-	1·346	-	-	4·174	-	18770	14340		26·0
24	88,0	62,0	96,04	-	-	-	39,73	-	-	111,66	-	96000	71500	1900	14,7
$^7/_8$	3·465	2·441	3·781	-	-	-	1·564	-	-	4·396	-	21580	17870		32·4

Please check availability

NP1000-K SERIES



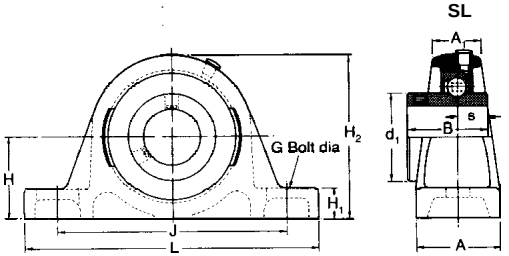
NP1000-K

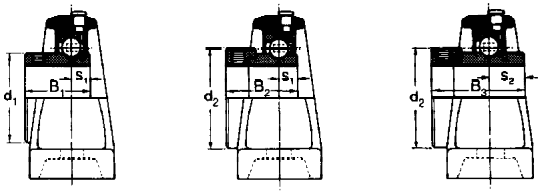


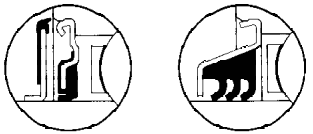
Shaft diameter		RHP designation complete unit	sleeve, nut & lockwasher assembly only	unit without sleeve, nut & lockwasher	Basic bearing insert	Casting group	Dimensions L	H	H1	H2	bolt centres J max	J min	G	A	A1	B5	d4	ISO load ratings dynamic Cr	static Cor	Rec. max. speed	Mass (approx.)
mm	inches						mm inches						mm inches					newtons lbf	newtons lbf	rev/ min	kg lb
20		**NP1025-20K**	**H305**	**NP1025K**	1025	3	139,0	36,50	16,0	71,0	112,7	96,8	10	36,5	24,5	29,0	38,0	14000	7880	6250	0,7
	3/4	**NP1025-3/4K**	**HE305-3/4**				5·472	1·437	·630	2·795	4·437	3·811	3/8	1·437	·965	1·142	1·496	3150	1770		1·5
25		**NP1030-25K**	**H306**	**NP1030K**	1030	4	160,5	42,90	17,7	82,7	129,5	108,5	12	41,5	27,5	31,0	45,0	19500	11300	5300	1,3
	15/16	**NP1030-15/16K**	**HE306-15/16**				6·319	1·689	·697	3·256	5·098	4·272	1/2	1·634	1·083	1·220	1·772	4380	2540		2·9
	1	**NP1030-1K**	**HE306-1**																		
30		**NP1035-30K**	**H307**	**NP1035K**	1035	5	166,0	47,60	17,5	93,0	136,5	121,5	12	44,5	30,5	35,0	52,0	25700	15300	4500	1,7
	1 1/8	**NP1035-1 1/8K**	**HE307-1 1/8**				6·535	1·874	·689	3·661	5·374	4·783	1/2	1·752	1·201	1·378	2·047	5780	3440		3·8
	1 3/16	**NP1035-1 3/16K**	**HE307-1 3/16**																		
35		**NP1040-35K**	**H308**	**NP1040K**	1040	6	180,5	49,20	18,5	98,5	148,0	127,0	12	51,0	34,5	36,0	58,0	29100	17900	4000	2,1
	1 1/4	**NP1040-1 1/4K**	**HE308-1 1/4**				7·106	1·937	·728	3·878	5·827	5·000	1/2	2·008	1·358	1·417	2·283	6540	4020		4·6
	1 3/8	**NP1040-1 3/8K**	**HE308-1 3/8**																		
40		**NP1045-40K**	**H309**	**NP1045K**	1045	7	190,5	54,00	20,0	108,0	154,5	140,5	12	54,0	35,0	39,0	65,0	32500	20500	3700	2,8
	1 7/16	**NP1045-1 7/16K**	**HE309-1 7/16**				7·500	2·126	·787	4·252	6·083	5·531	1/2	2·126	1·378	1·535	2·559	7310	4610		6·2
	1 1/2	**NP1045-1 1/2K**	**HE309-1 1/2**																		
45		**NP1050-45K**	**H310**	**NP1050K**	1050	8	206,0	57,20	21,0	115,2	163,0	154,0	16	55,0	36,0	42,0	70,0	35000	23200	3400	3,2
	1 11/16	**NP1050-1 11/16K**	**HE310-1 11/16**				8·110	2·252	·827	4·535	6·417	6·063	5/8	2·165	1·147	1·654	2·756	7870	5220		7·1
	1 3/4	**NP1050-1 3/4K**	**HE310-1 3/4**																		
50		**NP1055-50K**	**H311**	**NP1055K**	1055	9	219,5	63,50	24,8	129,5	178,5	162,5	16	60,0	39,5	45,0	75,0	43500	29200	3100	4,0
	1 15/16	**NP1055-1 15/16K**	**HE311-1 15/16**				8·641	2·500	·976	5·098	7·028	6·398	5/8	2·362	1·555	1·772	2·953	9780	6560		8·8
	2	**NP1055-2K**	**HE311-2**																		

Please check availability

SL SERIES







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. SL1 1/4FS.

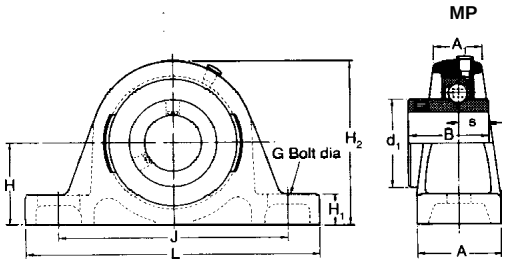
Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix 'T', e.g. TSL1 1/4.

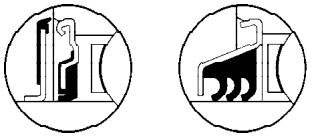
Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions				bolt centres	
								L	H	H1	H2	J max	J min
mm	inches							mm inches					
12		SL12		SL12EC		1017	1	119,0	26,97	11,0	54,0	91,5	85,5
15		SL15		SL15EC				4·685	1·062	·433	2·126	3·602	3·366
16		SL16		SL16EC									
17		SL17		SL17EC									
	1/2	SL1/2		SL1/2EC									
	5/8	SL5/8		SL5/8EC									
20		SL20	SL20A	SL20EC	SL20DEC	1020	2	126,5	31,75	12,5	63,7	100,5	88,5
	3/4	SL3/4	SL3/4A	SL3/4EC	SL3/4DEC			4·980	1·250	·492	2·508	3·957	3·484
25		SL25	SL25A	SL25EC	SL25DEC	1025	3	139,0	33,32	12,8	67,8	110,2	98,2
	7/8	SL7/8		SL7/8EC	SL7/8DEC			5·472	1·312	·504	2·669	4·339	3·866
	15/16	SL15/16		SL15/16EC	SL15/16DEC								
	1	SL1	SL1A	SL1EC	SL1DEC								
30		SL30	SL30A	SL30EC	SL30DEC	1030	4	161,5	39,67	14,5	79,5	130,0	109,0
	1 1/8	SL1 1/8		SL1 1/8EC	SL1 1/8DEC			6·358	1·562	·571	3·130	5·118	4·291
	1 3/16	SL1 3/16		SL1 3/16EC	SL1 3/16DEC								
	1 1/4	SL1 1/4R	SL1 1/4AR	SL1 1/4ECR	SL1 1/4DECR								
35		SL35	SL35A	SL35EC	SL35DEC	1035	5	166,0	46,02	16,0	91,5	136,5	121,5
	1 1/4	SL1 1/4	SL1 1/4A	SL1 1/4EC	SL1 1/4DEC			6·535	1·812	·630	3·602	5·374	4·783
	1 3/8	SL1 3/8		SL1 3/8EC	SL1 3/8 DEC								
	1 7/16	SL1 7/16		SL1 7/16EC	SL1 7/16DEC								
40		SL40	SL40A	SL40EC	SL40DEC	1040	6	180,5	49,20	18,5	98,5	148,0	127,0
	1 1/2	SL1 1/2	SL1 1/2A	SL1 1/2EC	SL1 1/2DEC			7·106	1·937	·728	3·878	5·827	5·000
45		SL45	SL45A	SL45EC	SL45DEC	1045	7	197,5	52,37	18,4	106,4	161,5	141,5
	1 5/8	SL1 5/8		SL1 5/8EC	SL1 5/8DEC			7·776	2·062	·724	4·189	6·358	5·571
	1 11/16	SL1 11/16		SL1 11/16EC	SL1 11/16DEC								
	1 3/4	SL1 3/4	SL1 3/4A	SL1 3/4EC	SL1 3/4DEC								
50		SL50	SL50A	SL50EC	SL50DEC	1050	8	214,0	55,55	19,3	114,0	177,0	151,0
	1 7/8	SL1 7/8		SL1 7/8EC	SL1 7/8DEC			8·425	2·187	·760	4·488	6·969	5·945
	1 15/16	SL1 15/16		SL1 15/16EC	SL1 15/16DEC								
	2	SL2R											
55		SL55			SL55DEC	1055	9	219,5	61,90	23,2	128,0	178,5	162,5
	2	SL2			SL2DEC			8·641	2·437	·913	5·039	7·028	6·398
	2 1/8	SL2 1/8			SL2 1/8DEC								
	2 3/16	SL2 3/16			SL2 3/16DEC								
60		SL60			SL60DEC	1060	10	240,0	68,25	24,6	140,6	201,0	176,0
	2 1/4	SL2 1/4			SL2 1/4DEC			9·449	2·687	·969	5·535	7·913	6·929
	2 3/8	SL2 3/8			SL2 3/8DEC								
	2 7/16	SL2 7/16			SL2 7/16DEC								
65		SL65R				1065	10/65	250,0	68,25	24,6	142,6	205,00	176,00
	2 1/2	SL2 1/2			SL2 1/2DEC			9·843	2·687	·969	5·614	8·071	6·929
65		SL65			SL65DEC	1075	11	286,0	82,55	28,0	165,5	241,5	200,5
70		SL70			SL70DEC			11·260	3·250	11·024	6·516	9·508	7·894
75		SL75			SL75DEC								
	2 11/16	SL2 11/16			SL2 11/16DEC								
	2 3/4	SL2 3/4			SL2 3/4DEC								
	2 7/8	SL2 7/8			SL2 7/8DEC								
	2 15/16	SL2 15/16			SL2 15/16DEC								

Please check availability

G	A	A1	B	B1	B2	B3	s	s1	s2	d1	d2	ISO load ratings dynamic Cr	ISO load ratings static Cor	Rec. max. speed	Mass (approx.)
mm inches												newtons lbf	newtons lbf	rev/ min	kg lb
10	30,5	20,5	27,38	-	28,54	-	11,55	6,55	-	24,21	28,58	9550	4760	7000	0,5
3/8	1·181	·807	1·078	-	1·124	-	·455	·258	-	·953	1·125	2150	1070		1·0
10	32,0	22,5	30,96	25,77	30,92	43,62	12,75	7,56	17,12	28,50	33,30	12800	6580	6700	0,6
3/8	1·260	·886	1·219	1·015	1·217	1·717	·502	·298	·674	1·122	1·311	2880	1480		1·4
10	36,0	24,5	34,11	27,35	30,92	44,40	14,32	7,56	17,49	34,01	38,10	14000	7880	6250	0,7
3/8	1·417	·965	1·343	1·077	1·217	1·748	·564	·298	·689	1·339	1·500	3150	1770		1·5
12	41,0	27,5	38,10	31,21	35,68	48,42	15,93	9,04	18,32	40,00	44,45	19500	11300	5300	1,3
1/2	1·614	1·083	1·500	1·229	1·405	1·906	·627	·356	·721	1·575	1·750	4380	2540		2·9
12	44,5	30,5	42,88	34,90	38,88	51,18	17,53	9,55	18,89	46,69	55,58	25700	15300	4500	1,7
1/2	1·752	1·201	1·688	1·374	1·531	2·015	·690	·376	·744	1·838	2·188	5780	3440		3·8
12	51,0	34,5	49,23	41,18	43,64	56,34	19,10	11,05	21,46	52,70	60,30	29100	17900	4000	2,1
1/2	2·008	1·358	1·938	1·621	1·718	2·218	·752	·435	·845	2·075	2·374	6540	4020		4·6
12	54,0	35,0	49,23	41,18	43,64	56,34	19,10	11,05	21,46	57,30	63,50	32500	20500	3700	3,0
1/2	2·126	1·378	1·938	1·621	1·718	2·218	·752	·435	·845	2·256	2·500	7310	4610		6·7
12	55,0	36,0	51,59	43,54	43,64	62,70	19,10	11,05	24,65	62,20	69,85	35000	23200	3400	3,4
1/2	2·165	1·417	2·031	1·714	1·718	2·469	·752	·435	·970	2·449	2·750	7870	5220		7·6
16	60,0	39,5	55,55	-	-	71,44	22,28	-	27,82	68,81	76,20	43500	29200	3100	4,0
5/8	2·362	1·555	2·187	-	-	2·813	·877	-	1·095	2·709	3·000	9780	6560		8·8
16	70,0	46,0	65,07	-	-	77,82	25,45	-	31,02	75,34	84,12	52500	35900	2800	6,1
5/8	2·756	1·811	2·562	-	-	3·064	1·002	-	1·221	2·966	3·312	11800	8070		13·4
16	70,0	45,0	65,07	-	-	77,82	25,45	-	31,02	82,40	87,33	57500	40000	2600	6,2
5/8	2·756	1,772	2·562	-	-	3·064	1·002	-	1·221	3·244	3·438	12930	8990		13·7
20	74,0	47,5	77,77	-	-	91,72	33,37	-	37,37	92,00	101,60	66000	49300	2300	11,6
3/4	2·913	1,870	3·063	-	-	3·611	1·314	-	1·471	3·622	4·000	14840	11080		25·3

MP SERIES





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.

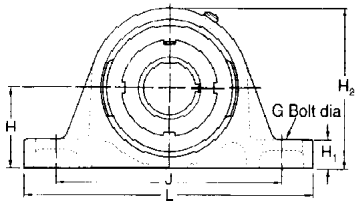
Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix 'T', e.g. TMP40.

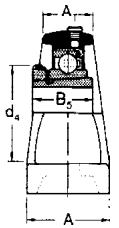
Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions										ISO load ratings		Rec. max. speed	Mass (approx.)
					L	H	H_1	H_2	bolt centres J max	bolt centres J min	G	A	A_1	B	s	d_1	dynamic C_r	static C_{or}		
mm	inches				mm inches												newtons lbf	newtons lbf	rev/ min	kg lb
25		**MP25**	1030	1	160,5	44,45	19,3	84, 3	127,5	108,5	12	41,5	27,5	38,10	15,93	40,00	19500	11300	5300	1,3
	1	**MP1**			6·319	1·750	·760	3·319	5·020	4·272	1/2	1·634	1·083	1·500	·627	1·575	4380	2540		2·9
30		**MP30**	1035	2	166,0	47,60	17,5	93,0	136,5	121,5	12	44,5	30,5	42,88	17,53	46,69	25700	15300	4500	1,7
	1 3/16	**MP1 3/16**			6·535	1·874	·689	3·661	5·374	4·783	1/2	1·752	1·201	1·688	·690	1·838	5780	3440		3·8
	1 1/4	**MP1 1/4**																		
35		**MP35**	1040	3	203,2	53,98	23,0	107,5	160,0	135,0	12	57,0	40,5	49,23	19,10	52,70	29100	17900	4000	2,7
	1 3/8	**MP1 3/8**			8·000	2·125	·906	4·232	6·300	5·315	1/2	2·244	1·594	1·938	·752	2·075	6540	4020		6·0
	1 7/16	**MP1 7/16**																		
40		**MP40**	1045	4	222,2	58,72	22,5	116,7	172,5	145,0	16	60,0	39,5	49,23	19,10	57,30	32500	20500	3700	3,2
	1 1/2	**MP1 1/2**			8·748	2·312	·886	4·594	6·791	5·709	5/8	2·362	1·555	1·938	·752	2·256	7310	4610		7·1
45		**MP45**	1050	5	222,2	58,72	22,5	116,7	172,5	145,0	16	60,0	39,5	51,59	19,10	62,20	35000	23200	3400	3,2
	1 11/16	**MP1 11/16**			8·748	2·312	·886	4·594	6·791	5·709	5/8	2·362	1·555	2·031	·752	2·449	7870	5220		7·1
	1 3/4	**MP1 3/4**																		
50		**MP50**	1055	6	219,5	63,50	24,8	129,5	178,5	162,5	16	60,0	39,5	55,65	22,28	68,81	43500	29200	3100	4,0
	1 7/8	**MP1 7/8**			8·641	2·500	·976	5·098	7·028	6·398	5/8	2·362	1·555	2·187	·877	2·709	9780	6560		8·8
	1 15/16	**MP1 15/16**																		
	2	**MP2**																		
55		**MP55**	1060	7	249,5	69,85	26,2	142,2	201,0	179,0	20	69,5	46,0	65,07	25,45	75,34	52500	35900	2800	7,1
	2 3/16	**MP2 3/16**			9·823	2·750	1·031	5·598	7·913	7·047	3/4	2·736	1·811	2·562	1·002	2·966	11800	8070		15·6
	2 1/4																			
60		**MP60**	1070	8	266,0	76,20	27,0	153,0	224,5	189,5	20	72,0	47,0	74,63	30,23	87,00	62000	44000	2450	9,3
65		**MP65R**			10·472	3·000	1·063	6·024	8·839	7·461	3/4	2·835	1·850	2·938	1·190	3·425	13940	9890		20·5
	2 7/16	**MP2 7/16**																		
	2 1/2	**MP2 1/2**																		
65		**MP65**	1075	9	330,2	88,90	28,6	177,8	255,6	206,0	24	88,9	66,7	77,7	33,37	92,0	66000	49300	2300	13,4
70		**MP70**			13·000	3·500	1·126	7·000	10·063	8·110	1	3·500	2·626	3·062	1·314	3·622	14840	11080		29·5
	2 11/16	**MP2 11/16**																		
	2 3/4	**MP2 3/4**																		
75		**MP75**	1080	10	330,2	88,90	31,8	184,2	255,6	228,0	24	88,9	66,7	82,55	33,37	98,50	72500	53000	2150	14,3
	2 15/16	**MP2 15/16**			13·000	3·500	1·252	7·252	10·063	8·976	1	3·500	2·626	3·250	1·314	3·878	16300	11910		31·6
	3	**MP3**																		
80		**MP80**	1085	11	381,0	101,60	31,8	203,2	317,5	260,0	24	101,6	68,3	85,72	34,18	106,02	83500	63800	2000	18,2
	3 3/16	**MP3 3/16**			15·000	4·000	1·252	8·000	12·500	10·236	1	4·000	2·689	3·375	1·346	4·174	18770	14340		40·2
	3 1/4	**MP3 1/4**																		
85		**MP85**	1090	12	381,0	101,60	33,3	209,6	319,1	246,1	24	111,1	79,4	96,04	39,73	111,66	96000	71500	1900	23,4
90		**MP90**			15·000	4·000	1·311	8·252	12·563	9·689	1	4·374	3·126	3·781	1·564	4·396	21580	16070		51·6
	3 7/16	**MP3 7/16**																		
	3 1/2	**MP3 1/2**																		
95		**MP95**	3095	13	431,8	127,00	33,3	254,0	371,5	301,6	24	120,6	98,4	117,48	49,27	130,43	143000	110000	1600	34,4
100		**MP100**			17·000	5·000	1·311	10·000	14·626	11·874	1	4·748	3·874	4·625	1·940	5·135	32150	24730		75·8
	3 15/16	**MP3 15/16**																		
	4	**MP4**																		

Please check availability

MP1000-K SERIES

MP 1000-K





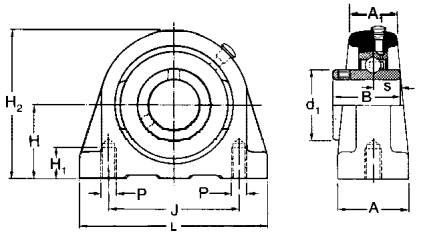
Shaft diameter		RHP designation complete unit	sleeve, nut & lockwasher assembly only	unit without sleeve, nut & lockwasher	Basic bearing insert	Casting group	Dimensions L	H	H1	H2	bolt centres Jmax	Jmin	G	A	A1	B5	d4	ISO load ratings dynamic Cr	static Cor	Rec. max. speed	Mass (approx.)
mm	inches						mm inches						mm inches					newtons lbf	newtons lbf	rev/ min	kg lb
25		**MP1030-25K**	**H306**	**MP1030K**	1030	1	160,5	44,45	19,3	87,4	127,5	108,5	12	41,5	27,5	31,0	45,0	19500	11300	5300	1,3
	15/16	**MP1030-15/16K**	**HE306-15/16**				6·319	1·750	·760	3·441	5·020	4·272	1/2	1·634	1·083	1·220	1·772	4380	2540		2·9
	1	**MP1030-1K**	**HE306-1**																		
30		**MP1035-30K**	**H307**	**MP1035K**	1035	2	166.0	47,60	17,5	93,0	136,5	121,5	12	44,5	30,5	35,0	52,0	25700	15300	4500	1,7
	1 1/8	**MP1035-1 1/8K**	**HE307-1 1/8**				6·535	1·874	·689	3·661	5·374	4·783	1/2	1·752	1·201	1·378	2·047	5780	3440		3·8
	1 3/16	**MP1035-1 3/16K**	**HE307-1 3/16**																		
35		**MP1040-35K**	**H308**	**MP1040K**	1040	3	203,2	53,98	23,0	106,4	160,0	135,0	12	57,0	40,5	36,0	58,0	29100	17900	4000	2,2
	1 1/4	**MP1040-1 1/4K**	**HE308-1 1/4**				8·000	2·125	·906	4·189	6·300	5·315	1/2	2·244	1·594	1·417	2·283	6540	4020		4·8
	1 3/8	**MP1040-1 3/8K**	**HE308-1 3/8**																		
40		**MP1045-40K**	**H309**	**MP1045K**	1045	4	222,2	58,72	22,5	116,7	172,5	145,0	16	60,0	39,5	39,0	65,0	32500	20500	3700	3,2
	1 7/16	**MP1045-1 7/16K**	**HE309-1 7/16**				8·748	2·312	·864	4·594	6·791	5·709	5/8	2·362	1·555	1·535	2·559	7310	4610		7·1
	1 1/2	**MP1045-1 1/2K**	**HE309-1 1/2**																		
45		**MP1050-45K**	**H310**	**MP1050K**	1050	5	222,2	58,72	22,5	116,7	172,5	145,0	16	60,0	39,5	42,0	70,0	35000	23200	3400	3,2
	1 11/16	**MP1050-1 11/16K**	**HE310-1 11/16**				8·748	2·312	·864	4·594	6·791	5·709	5/8	2·362	1·555	1·654	2·756	7870	5220		7·1
	1 3/4	**MP1050-1 3/4K**	**HE310-1 3/4**																		
50		**MP1055-50K**	**H311**	**MP1055K**	1055	6	219,5	63,50	24,8	129,5	178,5	162,5	16	60,0	39,5	45,0	75,00	43500	29200	3100	4,0
	1 15/16	**MP1055-1 15/16K**	**HE311-1 15/16**				8·641	2·500	·976	5·098	7·028	6·398	5/8	2·362	1·555	1·772	2·953	9780	6560		8·8
	2	**MP1055-2K**	**HE311-2**																		

Please check availability

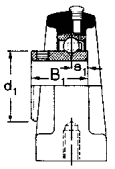
SNP SERIES (metric thread)
CNP SERIES (UNC thread)**

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

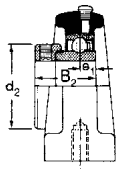
SNP/CNP



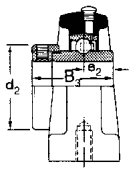
SNP-A
CNP-A

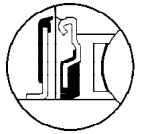


SNP-EC
CNP-EC



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.

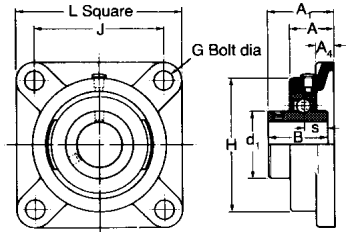
Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions L	H	H1	H2	J
mm	inches							mm inches				
20		**SNP20**	**SNP20A**	**SNP20EC**	**SNP20DEC**	1020	2	65,0	33,30	13,5	65,8	50,8
	3/4	**SNP3/4**	**SNP3/4A**	**SNP3/4EC**	**SNP3/4DEC**			2·559	1·311	·531	2·591	2·000
25		**SNP25**	**SNP25A**	**SNP25EC**	**SNP25DEC**	1025	3	70,0	36,50	13,5	71,5	50,8
	7/8	**SNP7/8**		**SNP7/8EC**	**SNP7/8DEC**			2·756	1·437	·531	2·815	2·000
	15/16	**SNP15/16**		**SNP15/16EC**	**SNP15/16DEC**							
	1	**SNP1**	**SNP1A**	**SNP1EC**	**SNP1DEC**							
30		**SNP30**	**SNP30A**	**SNP30EC**	**SNP30DEC**	1030	4	96,0	42,90	16,5	83,9	76,2
	1 1/8	**SNP1 1/8**		**SNP1 1/8EC**	**SNP1 1/8DEC**			3·780	1·689	·650	3·303	3·000
	1 3/16	**SNP1 3/16**		**SNP1 3/16EC**	**SNP1 3/16DEC**							
	1 1/4	**SNP1 1/4R**	**SNP1 1/4AR**	**SNP1 1/4ECR**	**SNP1 1/4DECR**							
35		**SNP35**	**SNP35A**	**SNP35EC**	**SNP35DEC**	1035	5	110,0	47,60	19,5	95,6	82,6
	1 1/4	**SNP1 1/4**	**SNP1 1/4A**	**SNP1 1/4EC**	**SNP1 1/4DEC**			4·331	1·874	·768	3·764	3·252
	1 3/8	**SNP1 3/8**		**SNP1 3/8EC**	**SNP1 3/8 DEC**							
	1 7/16	**SNP1 7/16**		**SNP1 7/16EC**	**SNP1 7/16DEC**							
40		**SNP40**	**SNP40A**	**SNP40EC**	**SNP40DEC**	1040	6	118,0	49,20	19,5	101,7	88,9
	1 1/2	**SNP1 1/2**	**SNP1 1/2A**	**SNP1 1/2EC**	**SNP1 1/2DEC**			4·646	1·937	·768	4·004	3·500
45		**SNP45**	**SNP45A**	**SNP45EC**	**SNP45DEC**	1045	7	127,0	54,00	19,5	110,0	95,3
	1 5/8	**SNP1 5/8**		**SNP1 5/8EC**	**SNP1 5/8DEC**			5·000	2·126	·768	4·331	3·752
	1 11/16	**SNP1 11/16**		**SNP1 11/16EC**	**SNP1 11/16DEC**							
	1 3/4	**SNP1 3/4**	**SNP1 3/4A**	**SNP1 3/4EC**	**SNP1 3/4DEC**							
50		**SNP50**	**SNP50A**	**SNP50EC**	**SNP50DEC**	1050	8	135,0	57,2	23,5	115,0	101,6
	1 7/8	**SNP1 7/8**		**SNP1 7/8EC**	**SNP1 7/8DEC**			5·315	2·252	·925	4·528	4·000
	1 15/16	**SNP1 15/16**		**SNP1 15/16EC**	**SNP1 15/16DEC**							
	2	**SNP2R**										
55		**SNP55**			**SNP55DEC**	1055	9	154,0	63,50	26,5	130,0	118,0
	2	**SNP2**			**SNP2DEC**			6·063	2·500	1·043	5·118	4·646
	2 1/8	**SNP2 1/8**			**SNP2 1/8DEC**							
	2 3/16	**SNP2 3/16**			**SNP2 3/16DEC**							
60		**SNP60**			**SNP60DEC**	1060	10	154,0	69,90	26,5	141,5	118,0
	2 1/4	**SNP2 1/4**			**SNP2 1/4DEC**			6·063	2·752	1·043	5·571	4·646
	2 3/8	**SNP2 3/8**			**SNP2 3/8DEC**							
	2 7/16	**SNP2 7/16**			**SNP2 7/16DEC**							

p													ISO load ratings		Rec. max. speed	Mass (approx.)
SNP	CNP	A	A1	B	B1	B2	B3	s	s1	s2	d1	d2	dynamic Cr	static Cor		
mm inches													newtons lbf	newtons lbf	rev/ min	kg lb
M8x1,25	3/8-16UNC	32,0	22,5	30,96	25,77	30,92	43,62	12,75	7,56	17,12	28,50	33,30	12800	6580	6,700	0,9
		1·260	·886	1·219	1·015	1·217	1·717	·502	·298	·674	1·122	1·311	2880	1480		2·0
M10x1,50	3/8-16UNC	36,0	25,0	34,11	27,35	30,92	44,40	14,32	7,57	17,49	34,01	38,10	14000	7880	6250	1,2
		1·417	·984	1·343	1·077	1·217	1·748	·564	·298	·689	1·339	1·500	3150	1770		2·6
M10x1,50	7/16-14UNC	40,0	26,5	38,10	31,21	35,68	48,42	15,93	9,04	18,32	40,00	44,45	19500	11300	5300	1,8
		1·575	1·043	1·500	1·229	1·405	1·906	·627	·356	·721	1·575	1·750	4380	2540		4·0
M10x1,50	1/2-13UNC	45,0	30,0	42,88	34,90	38,88	51,18	17,53	9,55	18,89	46,69	55,58	25700	15300	4500	2,4
		1·772	1·181	1·688	1·374	1·531	2·015	·690	·376	·744	1·838	2·188	5780	3440		5·3
M12x1,75	1/2-13UNC	47,0	32,0	49,23	41,18	43,64	56,34	19,10	11,05	21,46	52,70	60,30	29100	17900	4000	2,8
		1·850	1·260	1·938	1·621	1·718	2·218	·752	·435	·845	2·075	2·374	6540	4020		6·2
M12x1,75	1/2-13UNC	48,0	33,0	49,23	41,18	43,64	56,34	19,10	11,05	21,46	57,30	63,50	32500	20500	3700	3,5
		1·890	1·299	1·938	1·621	1·718	2·218	·752	·435	·845	2·256	2·500	7310	4610		7·8
M16x2,0	5/8-11UNC	54,0	34,0	51,59	43,54	43,64	62,70	19,10	11,05	24,65	62,20	69,85	35000	23200	3400	3,3
		2·126	1·339	2·031	1·714	1·718	2·469	·752	·435	·970	2·449	2·750	7870	5220		7·3
M16x2,00	5/8 -11UNC	60,0	41,5	55,55	-	-	71,44	22,28	-	27,82	68,81	76,20	43500	29200	3100	4,0
		2·362	1·639	2·187	-	-	2·813	·877	-	1·095	2·709	3·000	9780	6560		8·8
M16x2,00	5/8-11UNC	60,0	41,5	65,07	-	-	77,82	25,45	-	31,02	75,34	84,12	52500	35900	2800	4,6
		2·362	1·639	2·562	-	-	3·064	1·002	-	1·221	2·966	3·312	11800	8070		10·1

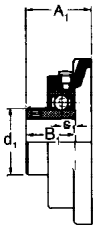
Please check availability

SF SERIES

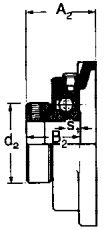
SF



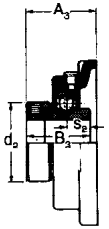
SF-A

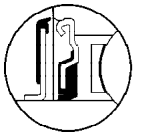


SF-EC



SF-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. SF7/8FS.

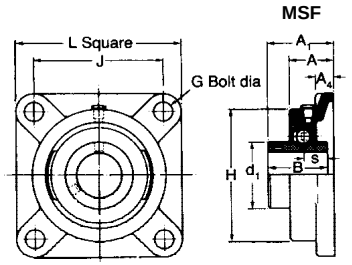
Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix 'T', e.g. TSF7/8.

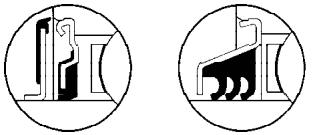
Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions L	H	J	G	A	A_1
mm	inches							mm inches					
12		SF12		SF12EC		1017	1	76,2	52,50	54,00	10	24,6	32,87
15		SF15		SF15EC				3·000	2·067	2·126	3/8	·969	1·294
16		SF16		SF16EC									
17		SF17		SF17EC									
	1/2	SF1/2		SF1/2EC									
	5/8	SF5/8		SF5/8EC									
20		SF20	SF20A	SF20EC	SF20DEC	1020	2	85,7	60,3	63,5	10	27,8	37,26
	3/4	SF3/4	SF3/4A	SF3/4EC	SF3/4DEC			3·374	2·374	2·500	3/8	1·094	1·467
25		SF25	SF25A	SF25EC	SF25DEC	1025	3	95,3	68,0	70,00	10	28,6	38,84
	7/8	SF7/8		SF7/8EC	SF7/8DEC			3·752	2·677	2·756	7/16	1·126	1·529
	15/16	SF15/16		SF15/16EC	SF15/16DEC								
	1	SF1	SF1A	SF1EC	SF1DEC								
30		SF30	SF30A	SF30EC	SF30DEC	1030	4	108,0	82,6	82,50	10	29,8	42,21
	1 1/8	SF1 1/8		SF1 1/8EC	SF1 1/8DEC			4·252	3·252	3·248	7/16	1·173	1·662
	1 3/16	SF1 3/16		SF1 3/16EC	SF1 3/16DEC								
	1 1/4	SF1 1/4R	SF1 1/4AR	SF1 1/4ECR	SF1 1/4DECR								
35		SF35	SF35A	SF35EC	SF35DEC	1035	5	117,5	95,3	92,00	12	31,4	46,41
	1 1/4	SF1 1/4	SF1 1/4A	SF1 1/4EC	SF1 1/4DEC			4·626	3·752	3·622	1/2	1·236	1·827
	1 3/8	SF1 3/8		SF1 3/8EC	SF1 3/8 DEC								
	1 7/16	SF1 7/16		SF1 7/16EC	SF1 7/16DEC								
40		SF40	SF40A	SF40EC	SF40DEC	1040	6	130,2	101,6	101,50	12	34,9	54,18
	1 1/2	SF1 1/2	SF1 1/2A	SF1 1/2EC	SF1 1/2DEC			5·126	4·000	3·996	1/2	1·374	2·133
45		SF45	SF45A	SF45EC	SF45DEC	1045	7	136,5	111,1	105,00	16	35,3	54,18
	1 5/8	SF1 5/8		SF1 5/8EC	SF1 5/8DEC			5·374	4·374	4·134	5/8	1·390	2·133
	1 11/16	SF1 11/16		SF1 11/16EC	SF1 11/16DEC								
	1 3/4	SF1 3/4	SF1 3/4A	SF1 3/4EC	SF1 3/4DEC								
50		SF50	SF50A	SF50EC	SF50DEC	1050	8	142,9	115,9	111,00	16	39,7	60,53
	1 7/8	SF1 7/8		SF1 7/8EC	SF1 7/8DEC			5·626	4·563	4·370	5/8	1·563	2·383
	1 15/16	SF1 15/16		SF1 15/16EC	SF1 15/16DEC								
	2	SF2R											
55		SF55			SF55DEC	1055	9	161,9	127,0	130,00	16	43,7	64,31
	2	SF2			SF2DEC			6·374	5·000	5·118	5/8	1·720	2·532
	2 1/8	SF2 1/8			SF2 1/8DEC								
	2 3/16	SF2 3/16			SF2 3/16DEC								
60		SF60			SF60DEC	1060	10	174,5	138,1	143,00	16	47,6	73,69
	2 1/4	SF2 1/4			SF2 1/4DEC			6·870	5·437	5·630	5/8	1·874	2·901
	2 3/8	SF2 3/8			SF2 3/8DEC								
	2 7/16	SF2 7/16			SF2 7/16DEC								
65		SF65R				1065	10/65	174,5	149,5	143,00	16	47,6	73,69
	2 1/2	SF2 1/2			SF2 1/2DEC			6·870	5·886	5·630	5/8	1·874	2·901
65		SF65			SF65DEC	1070	11	187,5	155,5	149,22	16	47,6	77,72
70		SF70			SF70DEC			7·382	6·122	5·875	5/8	1·874	3·060
	2 5/8	SF2 5/8			SF2 5/8 DEC								
	2 11/16	SF2 11/16			SF2 11/16 DEC								
75		SF75			SF75DEC	1075	12	196,5	158,5	152,40	20	51,3	80,90
	2 3/4	SF2 3/4			SF2 3/4 DEC			7·736	6·240	6·000	3/4	2·020	3·185
	2 7/8	SF2 7/8			SF2 7/8 DEC								
	2 15/16	SF2 15/16			SF2 15/16 DEC								
	3	SF3											

Please check availability

A_2	A_3	A_4	B	B_1	B_2	B_3	s	s_1	s_2	d_1	d_2	ISO load ratings dynamic C_r	static C_{or}	Rec. max. speed	Mass (approx.)
mm inches												newtons lbf	newtons lbf	rev/ min	kg lb
39,01	-	9,5	27,38	-	28,54	-	11,55	6,55	-	24,21	28,58	9550	4760	7000	0,5
1·536	-	·374	1·078	-	1·124	-	·455	·258	-	·953	1·125	2150	1070		1·1
42,42	45,54	11,1	30,96	25,77	30,92	43,62	12,75	7,56	17,12	28,50	33,30	12800	6580	6700	0,7
1·670	1·793	·437	1·219	1·015	1·217	1·717	·502	·298	·674	1·122	1·311	2880	1480		1·5
42,42	45,95	11,1	34,11	27,35	30,92	44,40	14,32	7,56	17,49	34,01	38,10	14000	7880	6250	1,0
1·670	1·809	·437	1·343	1·077	1·217	1·748	·564	·298	·689	1·339	1·500	3150	1770		2·3
46,66	50,9	12,7	38,10	31,21	35,68	48,42	15,93	9,04	18,32	40,00	44,45	19500	11300	5300	1,3
1·837	1·972	·500	1·500	1·229	1·405	1·906	·627	·356	·721	1·575	1·750	4380	2540		2·9
50,34	53,31	12,7	42,88	34,90	38,88	51,18	17,53	9,55	18,89	46,69	55,58	25700	15300	4500	1,7
1·982	2·099	·500	1·688	1·374	1·531	2·015	·690	·376	·744	1·838	2·188	5780	3440		3·7
56,62	58,90	12,7	49,23	41,18	43,64	56,34	19,10	11,05	21,46	52,70	60,30	29100	17900	4000	2,2
2·229	2·319	·500	1·938	1·621	1·718	2·218	·752	·435	·845	2·075	2·374	6540	4020		4·9
56,62	58,90	14,3	49,23	41,18	43,64	56,34	19,10	11,05	21,46	57,30	63,50	32500	20500	3700	2,6
2·229	2·319	·563	1·938	1·621	1·718	2·218	·752	·435	·845	2·256	2·500	7310	4610		5·7
60,60	66,07	14,3	51,59	43,54	43,64	62,70	19,10	11,05	24,65	62,20	69,85	35000	23200	3400	2,8
2·386	2·601	·563	2·031	1·714	1·718	2·469	·752	·435	·970	2·449	2·750	7870	5220		6·2
-	74,57	17,5	55,55	-	-	71,44	22,28	-	27,82	68,81	76,20	43500	29200	3100	4,0
-	2·936	·689	2·187	-	-	2·813	·877	-	1·095	2·709	3·000	9780	6560		8·8
-	80,77	17,5	65,07	-	-	77,82	25,45	-	31,02	75,34	84,12	52500	35900	2800	4,7
-	3·180	·689	2·562	-	-	3·064	1·002	-	1·221	2·966	3·312	11800	8070		10·3
-	80,77	18,0	65,07	-	-	77,82	25,45	-	31,02	82,40	87,33	57500	40000	2600	2,7
-	3·180	·709	2·562	-	-	3·064	1·002	-	1·221	3·244	3·438	12930	8990		10·3
-	84·86	18,0	74,63	-	-	85,36	30,23	-	34,19	87,00	96,82	62000	44000	2450	6,8
-	3·341	·709	2·938	-	-	3·361	1·190	-	1·346	3·425	3·812	13940	9890		15·0
-	91,21	23,0	77,77	-	-	91,72	33,37	-	37,37	92,00	101,60	66000	49300	2300	8,6
-	3·591	·906	3·062	-	-	3·611	1·314	-	1·471	3·622	4·000	14840	11080		19·0

MSF SERIES





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.

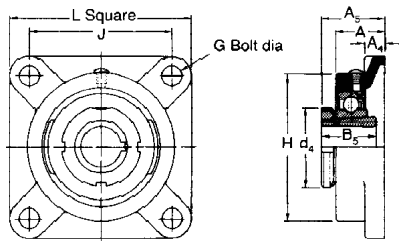
Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix 'T', e.g. TMSF35.

Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions								s	d1	ISO load ratings dynamic Cr	ISO load ratings static Cor	Rec. max. speed	Mass (approx.)
mm	inches				L	H	J	G	A	A1	A4	B						
					mm inches								mm inches		newtons lbf	newtons lbf	rev/ min	kg lb
25		**MSF25**	1030	1	108,0	82,6	82,50	10	29,8	42,21	12,7	38,10	15,93	40,00	19500	11300	5300	1,3
	1	**MSF1**			4·252	3·252	3·248	7/16	1·173	1·662	·500	1·500	·627	1·575	4380	2540		2·9
30		**MSF30**	1035	2	117,5	95,3	92,0	12	31,4	46,41	12,7	42,88	17,53	46,69	25700	15300	4500	1,7
	1 3/16	**MSF1 3/16**			4·626	3·752	3·622	1/2	1·236	1·827	·500	1·688	·690	1·838	5780	3440		3·7
	1 1/4	**MSF1 1/4**																
35		**MSF35**	1040	3	130,2	101,6	101,50	12	34,9	54,18	12,7	49,23	19,10	52,70	29100	17900	4000	2,2
	1 3/8	**MSF1 3/8**			5·126	4·000	3·996	1/2	1·374	2·133	·500	1·938	·752	2·075	6540	4020		4·9
	1 7/16	**MSF1 7/16**																
40		**MSF40**	1045	4	136,5	111,1	105,00	16	35,3	54,18	14,3	49,23	19,10	57,30	32500	20500	3700	2,6
	1 1/2	**MSF1 1/2**			5·374	4·374	4·134	5/8	1·390	2·133	·563	1·938	·752	2·256	7310	4610		5·7
45		**MSF45**	1050	5	142,9	115,9	111,00	16	39,7	60,53	14,3	51,59	19,10	62,20	35000	23200	3400	2,8
	1 11/16	**MSF1 11/16**			5·626	4·563	4·370	5/8	1·563	2·383	·563	2·031	·752	2·449	7870	5220		6·2
	1 3/4	**MSF1 3/4**																
50		**MSF50**	1055	6	161,9	127,0	130,00	16	43,7	64,31	17,5	55,55	22,28	68,81	43500	29200	3100	4,0
	1 7/8	**MSF1 7/8**			6·374	5·000	5·118	5/8	1·720	2·532	·689	2·187	·877	2·709	9780	6560		8·8
	1 15/16	**MSF1 15/16**																
	2	**MSF2**																
55		**MSF55**	1060	7	174,5	138,1	143,00	16	47,6	73,69	17,5	65,07	25,45	75,34	52500	35900	2800	4,7
	2 3/16	**MSF2 3/16**			6·870	5·437	5·630	5/8	1·874	2·901	·689	2·562	1·002	2·966	11800	8070		10·3
	2 1/4																	
60		**MSF60**	1070	8	187,55	155,5	149,22	16	47,6	77,2	18,0	74,63	30,23	87,00	62000	44000	2450	6,8
	2 7/16	**MSF2 7/16**			7·382	6·122	5·875	5/8	1·874	3·060	·709	2·938	1·190	3·425	13940	9890		15·0
	2 1/2	**MSF2 1/2**																
65		**MSF65**	1075	9	196,5	158,5	152,40	20	51,3	80,90	23,0	77,77	33,37	92,00	66000	49300	2300	8,6
70		**MSF70**			7·736	6·240	6·000	3/4	2·020	3·185	·960	3·062	1·314	3·622	14840	11080		19·0
	2 11/16	**MSF2 11/16**																
	2 3/4	**MSF2 3/4**																
75		**MSF75**	1080	10	196,5	173,5	152,40	20	55,0	88,87	23,0	82,55	33,37	98,50	72500	53000	2150	9,3
	2 15/16	**MSF2 15/16**			7·736	6·831	6·000	3/4	2·165	3·499	·906	3·250	1·314	3·878	16300	11910		20·6
	3	**MSF3**																
80		**MSF80**	1085	11	213,5	184,0	171,45	20	54,3	89,64	26,0	85,72	34,18	106,02	83500	63800	2000	11,1
	3 3/16	**MSF3 3/16**			8·406	7·244	6·750	3/4	2·138	3·529	1·024	3·375	1·346	4·174	18770	14340		24·5
	3 1/4	**MSF3 1/4**																
85		**MSF85**	1090	12	381,0	101,60	171,45	20	61,7	100,76	26	96,04	39,73	111,66	96000	71500	1900	13,2
90		**MSF90**			8·406	7·736	6·750	3/4	2·429	3·967	1·024	3·781	1·564	4·396	21580	16070		29·1
	3 7/16	**MSF3 7/16**																
	3 1/2	**MSF3 1/2**																
95		**MSF95**	3095	13	267,5	235,5	211,12	24	83,5	126,95	32,0	117,48	49,27	130,43	143000	110000	1600	24,7
100		**MSF100**			10·531	9·272	8·312	1	3·287	4·998	1·260	4·625	1·940	5·135	32150	24730		54·5
	3 15/16	**MSF3 15/16**																
	4	**MSF4**																

Please check availability

MSF1000-K SERIES

MSF1000-K

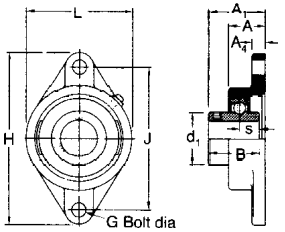


Shaft diameter		RHP designation complete unit	sleeve, nut & lockwasher assembly only	unit without sleeve, nut & lockwasher	Basic bearing insert	Casting group	Dimensions L	H	J	G	A	A4	A5	B5	d4	ISO load ratings dynamic Cr	static Cor	Rec. max. speed	Mass (approx.)
mm	inches						mm inches						mm inches			newtons lbf	newtons lbf	rev/ min	kg lb
20		MSF1025-20K	H305	MSF1025K	1025	SF3	95,3	68,0	70,0	10	28,6	11,1	36,5	29,0	38,0	14000	7880	6250	1,0
	3/4	MSF1025-3/4K	HE305 3/4				3·752	2·677	2·756	7/16	1·126	·437	1·437	1·142	1·496	3150	1770		2·3
25		MSF1030-25K	H306	MP1030K	1030	1	108,0	82,6	82,50	10	29,8	12,7	38,0	31,0	45,0	19500	11300	5300	1,3
	15/16	MSF1030-15/16K	HE306-15/16				4·252	3·252	3·248	7/16	1·173	·500	1·496	1·220	1·772	4380	2540		2·9
	1	MSF1030-1K	HE306-1																
30		MSF1035-30K	H307	MP1035K	1035	2	117.5	95,3	92,00	12	31,4	12,7	40,5	35,0	52,0	25700	15300	4500	1,7
	1 1/8	MSF1035-1 1/8K	HE307-1 1/8				4·626	3·752	3·622	1/2	1·236	·500	1·594	1·378	2·047	5780	3440		3·7
	1 3/16	MSF1035-1 3/16K	HE307-1 3/16																
35		MSF1040-35K	H308	MP1040K	1040	3	130,2	101,6	101,50	12	34,9	12,7	45,0	36,0	58,0	29100	17900	4000	2,2
	1 1/4	MSF1040-1 1/4K	HE308-1 1/4				5·126	4·000	3·996	1/2	1·374	·500	1·772	1·417	2·283	6540	4020		4·9
	1 3/8	MSF1040-1 3/8K	HE308-1 3/8																
40		MSF1045-40K	H309	MP1045K	1045	4	136,5	111,1	105,00	16	35,3	14,3	46,5	39,0	65,0	32500	20500	3700	2,6
	1 7/16	MSF1045-1 7/16K	HE309-1 7/16				5·374	4·374	4·134	5/8	1·390	·563	1·831	1·535	2·559	7310	4610		5·7
	1 1/2	MSF1045-1 1/2K	HE309-1 1/2																
45		MSF1050-45K	H310	MP1050K	1050	5	142,9	115,9	111,00	16	39,7	14,3	52,0	42,0	70,0	35000	23200	3400	2,8
	1 11/16	MSF1050-1 11/16K	HE310-1 11/16				5·626	4·563	4·370	5/8	1·563	·563	2·047	1·654	2·756	7870	5220		6·2
	1 3/4	MSF1050-1 3/4K	HE310-1 3/4																
50		MSF1055-50K	H311	MP1055K	1055	6	161,9	127,00	130,00	16	43,7	17,5	55,5	45,0	75,0	43500	29200	3100	4,0
	1 15/16	MSF1055-1 15/16K	HE311-1 15/16				6·374	5·000	5·118	5/8	1·720	·689	2·185	1·772	2·953	9780	6560		8·8
	2	MSF1055-2K	HE311-2																

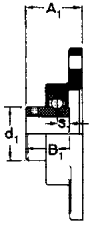
Please check availability

SFT SERIES (ISO)

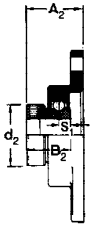
SFT



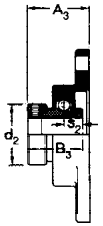
SFT-A



SFT-EC



SFT-DEC



Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix 'FS', e.g. SFT1FS.

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. TSFT1

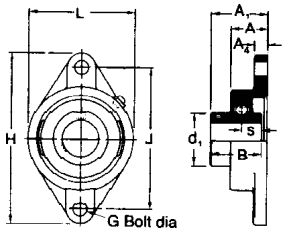
Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions					
								L	H	J	G	A	A_1
mm	inches							mm inches					
12		SFT12		SFT12EC		1017	1	52,5	98,5	76,50	10	24,6	32,87
15		SFT15		SFT15EC				2·067	3·878	3·012	3/8	·969	1·294
16		SFT16		SFT16EC									
17		SFT17		SFT17EC									
	1/2	SFT1/2		SFT1/2EC									
	5/8	SFT5/8		SFT5/8EC									
20		SFT20	SFT20A	SFT20EC	SFT20DEC	1020	2	60,3	111,9	90,00	10	27,8	37,26
	3/4	SFT3/4	SFT3/4A	SFT3/4EC	SFT3/4DEC			2·374	4·406	3·543	3/8	1·094	1·467
25		SFT25	SFT25A	SFT25EC	SFT25DEC	1025	3	70,0	125,5	99,00	10	28,6	38,84
	7/8	SFT7/8		SFT7/8EC	SFT7/8DEC			2·756	4·941	3·898	7/16	1·126	1·529
	15/16	SFT15/16		SFT15/16EC	SFT15/16DEC								
	1	SFT1	SFT1A	SFT1EC	SFT1DEC								
30		SFT30	SFT30A	SFT30EC	SFT30DEC	1030	4	82,6	141,3	116,50	10	29,8	42,21
	1 1/8	SFT1 1/8		SFT1 1/8EC	SFT1 1/8DEC			3·252	5·563	4·687	7/16	1·173	1·662
	1 3/16	SFT1 3/16		SFT1 3/16EC	SFT1 3/16DEC								
	1 1/4	SFT1 1/4R	SFT1 1/4AR	SFT1 1/4ECR	SFT1 1/4DECR								
35		SFT35	SFT35A	SFT35EC	SFT35DEC	1035	5	95,5	155,5	130,00	12	31,4	46,41
	1 1/4	SFT1 1/4	SFT1 1/4A	SFT1 1/4EC	SFT1 1/4DEC			3·760	6·122	5·118	1/2	1·236	1·827
	1 3/8	SFT1 3/8		SFT1 3/8EC	SFT1 3/8 DEC								
	1 7/16	SFT1 7/16		SFT1 7/16EC	SFT1 7/16DEC								
40		SFT40	SFT40A	SFT40EC	SFT40DEC	1040	6	101,6	171,4	143,50	12	34,9	54,18
	1 1/2	SFT1 1/2	SFT1 1/2A	SFT1 1/2EC	SFT1 1/2DEC			4·000	6·748	5·650	1/2	1·374	2·133
45		SFT45	SFT45A	SFT45EC	SFT45DEC	1045	7	111,1	179,4	148,50	16	35,3	54,18
	1 5/8	SFT1 5/8		SFT1 5/8EC	SFT1 5/8DEC			4·374	7·063	5·846	5/8	1·390	2·133
	1 11/16	SFT1 11/16		SFT1 11/16EC	SFT1 11/16DEC								
	1 3/4	SFT1 3/4	SFT1 3/4A	SFT1 3/4EC	SFT1 3/4DEC								
50		SFT50	SFT50A	SFT50EC	SFT50DEC	1050	8	115,9	188,9	157,00	16	39,7	60,53
	1 7/8	SFT1 7/8		SFT1 7/8EC	SFT1 7/8DEC			4·563	7·437	6·181	5/8	1·563	2·283
	1 15/16	SFT1 15/16		SFT1 15/16EC	SFT1 15/16DEC								
	2	SFT2R											
55		SFT55			SFT55DEC	1055	9	127,0	215,9	184,00	16	43,7	64,31
	2	SFT2			SFT2DEC			5·000	8·500	7·244	5/8	1·720	2·532
	2 1/8	SFT2 1/8			SFT2 1/8DEC								
	2 3/16	SFT2 3/16			SFT2 3/16DEC								
60		SFT60			SFT60DEC	1060	10	138,1	235,0	202,00	16	47,6	73,69
	2 1/4	SFT2 1/4			SFT2 1/4DEC			5·437	9·252	7·953	5/8	1·874	2·901
	2 3/8	SFT2 3/8			SFT2 3/8DEC								
	2 7/16	SFT2 7/16			SFT2 7/16DEC								

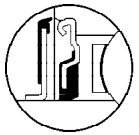
Please check availability

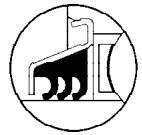
A_2	A_3	A_4	B	B_1	B_2	B_3	s	s_1	s_2	d_1	d_2	ISO load ratings dynamic C_r	ISO load ratings static C_{or}	Rec. max. speed	Mass (approx.)
mm inches												newtons lbf	newtons lbf	rev/ min	kg lb
39,01	-	9,5	27,38	-	28,54	-	11,55	6,55	-	24,21	28,58	9550	4760	7000	0,4
1·536	-	·374	1·078	-	1·124	-	·455	·258	-	·953	1·125	2150	1070		0·9
42,42	45,54	11,1	30,96	25,77	30,92	43,62	12,75	7,56	17,12	28,50	33,30	12800	6580	6700	0,6
1·670	1·793	·437	1·219	1·015	1·217	1·717	·502	·298	·674	1·122	1·311	2880	1480		1·3
42,42	45,95	11,1	34,11	27,35	30,92	44,40	14,32	7,56	17,49	34,01	38,10	14000	7880	6250	0,9
1·670	1·809	·437	1·343	1·077	1·217	1·748	·564	·298	·689	1·339	1·500	3150	1770		2·0
46,66	50,09	12,7	38,10	31,21	35,68	48,42	15,93	9,04	18,32	40,00	44,45	19500	11300	5300	1,1
1·837	1·972	·500	1·500	1·229	1·405	1·906	·762	·365	·721	1·575	1·750	4380	2540		2·5
50.34	53,31	12,7	42,88	34,90	38,88	51,18	17,53	9,55	18,89	46,69	55,58	25700	15300	4500	1,4
1·982	2·099	·500	1·688	1·374	1·531	2·015	·690	·376	·744	1·838	2·188	5780	3440		3·0
56,62	58,90	12,7	49,23	41,18	43,64	56,34	19,10	11,05	21,46	52,70	60,30	29100	17900	4000	1,9
2·229	2·319	·500	1·938	1·621	1·718	2·218	·752	·435	·845	2·075	2·374	6540	4020		4·1
56,62	58,90	14,3	49,23	41,18	43,64	56,34	19,10	11,05	21,46	57,30	63,50	32500	20500	3700	2,2
2·229	2·319	·563	1·938	1·621	1·718	2·218	·752	·435	·845	2·256	2·500	7310	4610		4·9
60,60	66,07	14,3	51,59	43,54	43,64	62,70	19,10	11,05	24,65	62,20	69,85	35000	23200	3400	2,5
2·386	2·601	·563	2·031	1·714	1·718	2·469	·752	·435	·970	2·449	2·750	7870	5220		5·4
-	74,57	17,5	55,55	-	-	71,44	22,28	-	27,82	68,81	76,20	43500	29200	3100	3,5
-	2·936	·689	2·187	-	-	2·813	·877	-	1·095	2·709	3·000	9780	6560		7·8
-	80,77	17,5	65,07	-	-	77,82	25,45	-	31,02	75,34	84,12	52500	35900	2800	4,3
-	3·180	·689	2·562	-	-	3·064	1·002	-	1·221	2·966	3·312	11800	8070		9·5

MSFT SERIES

MSFT







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. MSFT1 1/2FS.

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. TMSFT1 1/2.

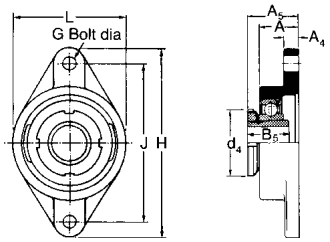
Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions							
					L	H	J	G	A	A_1	A_4	B
mm	inches				mm inches							
25		**MSFT25**	1030	1	82,6	141,3	116,50	10	29,8	42,21	12,7	38,10
	1	**MSFT1**			3·252	5·563	4·587	7/16	1·173	1·662	·500	1·500
30		**MSFT30**	1035	2	95,5	155,5	130,00	12	31,4	46,41	12,7	42,88
	1 3/16	**MSFT1 3/16**			3·760	6·122	5·118	1/2	1·236	1·827	·500	1·688
	1 1/4	**MSFT1 1/4**										
35		**MSFT35**	1040	3	101,6	171,4	143,50	12	34,9	54,18	12,7	49,23
	1 3/8	**MSFT1 3/8**			4·000	6·748	5·650	1/2	1·374	2·133	·500	1·938
	1 7/16	**MSFT1 7/16**										
40		**MSFT40**	1045	4	111,1	179,4	148,50	16	35,3	54,18	14,3	49,23
	1 1/2	**MSFT1 1/2**			4·374	7·063	5·846	5/8	1·390	2·133	·563	1·938
45		**MSFT45**	1050	5	115,9	188,9	157,00	16	39,7	60,53	14,3	51,59
	1 11/16	**MSFT1 11/16**			4·563	7·437	6·181	5/8	1·563	2·383	·563	2·031
	1 3/4	**MSFT1 3/4**										
50		**MSFT50**	1055	6	127,0	215,9	184,00	16	43,7	64,31	17,5	55,55
	1 7/8	**MSFT1 7/8**			5·000	8·500	7·244	5/8	1·720	2·532	·689	2·187
	1 15/16	**MSFT1 15/16**										
	2	**MSFT2**										
55		**MSFT55**	1060	7	138,1	235,0	202,00	16	47,6	73,69	17,5	65,07
	2 3/16	**MSFT2 3/16**			5·437	9·252	7·953	5/8	1·874	2·901	·689	2·562

s	d_1	ISO load ratings dynamic C_r	static C_{or}	Rec. max. speed	Mass (approx.)
		newtons lbf	newtons lbf	rev/ min	kg lb
15,93	40,00	19500	11300	5300	1,1
·627	1·575	4380	2540		2·5
17,53	46,69	25700	15300	4500	1,4
·690	1·838	5780	3440		3·0
19,10	52,70	29100	17900	4000	1,9
·752	2·075	6540	4020		4·1
19,10	57,30	32500	20500	3700	2,2
·752	2·256	7310	4610		4·9
19,10	62,20	35000	23200	3400	2,5
·752	2·449	7870	5220		5·4
22,28	68,81	43500	29200	3100	3,5
·877	2·709	9780	6560		7·8
25,45	75,34	52500	35900	2800	4,3
1·002	2·966	11800	8070		9·5

Please check availability

MSFT1000-K SERIES

MSFT1000-K

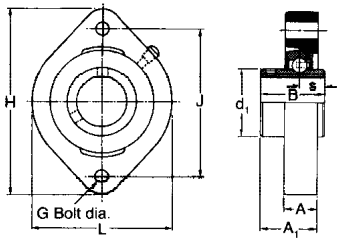


Shaft diameter		RHP designation complete unit	sleeve, nut & lockwasher assembly only	unit without sleeve, nut & lockwasher	Basic bearing insert	Casting group	Dimensions L	H	J	G	A	A4	A5	B5	d4	ISO load ratings dynamic Cr	static Cor	Rec. max. speed	Mass (approx.)
mm	inches						mm inches						mm inches			newtons lbf	newtons lbf	rev/ min	kg lb
20		MSFT1025-20K	H305	MSFT1025K	1025	SFT3	68,3	123,8	99,0	10	28,6	11,1	36,5	29,0	39,0	14000	7880	6250	0,9
	3/4	MSFT1025-3/4K	HE305 3/4				2·689	4·874	3·898	7/16	1·126	·437	1·437	1·142	1·496	3150	1770		2·0
25		MSFT1030-25K	H306	MSFT1030K	1030	1	82,6	141,3	116,50	10	29,8	12,7	38,0	31,0	45,0	19500	11300	5300	1,1
	15/16	MSFT1030-15/16K	HE306-15/16				3·252	5·563	4·587	7/16	1·173	·500	1·496	1·220	1·772	4380	2540		2·5
	1	MSFT1030-1K	HE306-1																
30		MSFT1035-30K	H307	MSFT1035K	1035	2	95,5	155,5	130,00	12	31,4	12,7	40,5	35,0	52,0	25700	15300	4500	1,4
	1 1/8	MSFT1035-1 1/8K	HE307-1 1/8				3·760	6·122	5·118	1/2	1·236	·500	1·594	1·378	2·047	5780	3440		3·0
	1 3/16	MSFT1035-1 3/16K	HE307-1 3/16																
35		MSFT1040-35K	H308	MSFT1040K	1040	3	101,6	171,4	143,50	12	34,9	12,7	45,0	36,0	58,0	29100	17900	4000	1,9
	1 1/4	MSFT1040-1 1/4K	HE308-1 1/4				4·000	6·748	5·650	1/2	1·374	·500	1·772	1·417	2·283	6540	4020		4·1
	1 3/8	MSFT1040-1 3/8K	HE308-1 3/8																
40		MSFT1045-40K	H309	MSFT1045K	1045	4	111,1	179,4	148,50	16	35,3	14,3	46,5	39,0	65,0	32500	20500	3700	2,2
	1 7/16	MSFT1045-1 7/16K	HE309-1 7/16				4·374	7·063	5·846	5/8	1·390	·563	1·831	1·535	2·559	7310	4610		4·9
	1 1/2	MSFT1045-1 1/2K	HE309-1 1/2																
45		MSFT1050-45K	H310	MSFT1050K	1050	5	115,9	188,9	157,00	16	39,7	14,3	52,0	42,0	70,0	35000	23200	3400	2,5
	1 11/16	MSFT1050-1 11/16K	HE310-1 11/16				4·563	7·437	6·181	5/8	1·563	·563	2·047	1·654	2·756	7870	5220		5·4
	1 3/4	MSFT1050-1 3/4K	HE310-1 3/4																
50		MSFT1055-50K	H311	MSFT1055K	1055	6	127,0	215,9	184,00	16	43,7	17,5	55,5	45,0	75,0	43500	29200	3100	3,5
	1 15/16	MSFT1055-1 15/16K	HE311-1 15/16				5·000	8·500	7·244	5/8	1·720	·689	2·185	1·772	2·953	9780	6560		7·8
	2	MSFT1055-2K	HE311-2																

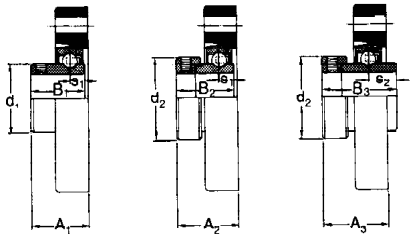
Pleasecheck availability

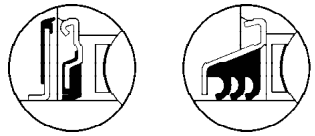
LFTC SERIES

LFTC



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. LFTC7/8FS.

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. TLFTC7/8

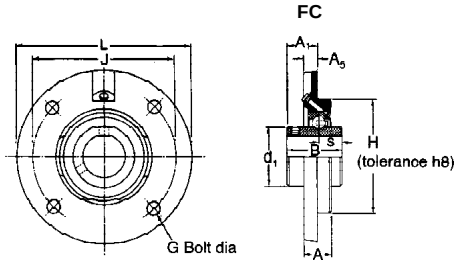
Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions L	H	J	G	A	A1
mm	inches							mm inches					
12		LFTC12		LFTC12EC		1017	1	58,5	81,0	63,5	6,0	15,0	24,27
15		LFTC15		LFTC15EC				2·303	3·189	2·500	1/4	·590	0·956
16		LFTC16		LFTC16EC									
17		LFTC17		LFTC17EC									
	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	27,76
	3/4	LFTC3/4	LFTC3/4A	LFTC3/4EC	LFTC3/4DEC			2·618	3·563	2·815	5/16	·669	1·093
25		LFTC25	LFTC25A	LFTC25EC	LFTC25DEC	1025	3	71,0	96,0	76,0	8,0	17,5	29,24
	7/8	LFTC7/8		LFTC7/8EC	LFTC7/8DEC			2·795	3·780	2·992	5/16	·689	1·151
	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	33,62
	1 1/8	LFTC1 1/8		LFTC1 1/8EC	LFTC1 1/8DEC			3·307	4·409	3·563	3/8	·807	1·324
	1 3/16	LFTC1 3/16		LFTC1 3/16EC	LFTC1 3/16DEC								
	1 1/4	LFTC1 1/4	LFTC1 1/4A	LFTC1 1/4EC	LFTC1 1/4DEC								
35		LFTC35	LFTC35A	LFTC35EC	LFTC35DEC	1035	5	93,0	125,0	100,0	10,0	22,0	37,80
	1 1/4	LFTC1 1/4L	LFTC1 1/4AL	LFTC1 1/4ECL	LFTC1 1/4DECL			3·661	4·921	3·937	3/8	·866	1·488
	1 3/8	LFTC1 3/8		LFTC1 3/8EC	LFTC1 3/8DEC								
	1 7/16	LFTC1 7/16		LFTC1 7/16EC	LFTC1 7/16DEC								

A2	A3	B	B1	B2	B3	s	s1	s2	d1	d2	ISO load ratings dynamic Cr	static Cor	Rec. max. speed	Mass (approx.)
mm inches											newtons lbf	newtons lbf	rev/ min	kg lb
30,43	-	27,38	-	28,54	-	11,55	6,55	-	24,21	28,58	9550	4760	7000	0,3
1·198	-	1·078	-	1·124	-	·455	·258	-	·953	1·125	2150	1070		0·7
32,92	36,04	30,96	25,77	30,92	43,62	12,75	7,56	17,12	28,50	33,30	12800	6580	6700	0,4
1·296	1·419	1·219	1·015	1·217	1·717	·502	·298	·674	1·122	1·311	2880	1480		0·9
32,82	36,35	34,11	27,35	30,92	44,40	14,32	7,56	17,49	34,01	38,10	14000	7880	6250	0,5
1·292	1·431	1·343	1·077	1·217	1·748	·564	·298	·689	1·339	1·500	3150	1770		1·1
38,07	41,50	38,10	31,21	35,68	48,42	15,93	9,04	18,32	40,00	44,45	19500	11300	5300	0,8
1·499	1·634	1·500	1·229	1·405	1·906	·627	·356	·721	1·575	1·750	4380	2540		1·8
41,74	44,71	42,88	34,90	38,88	51,18	17,53	9,55	18,89	46,69	55,58	25700	15300	4500	1,1
1·643	1·760	1·688	1·374	1·531	2·015	·690	·376	·744	1·838	2·188	5780	3440		2·4

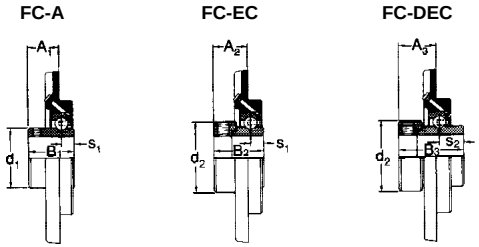
Please check availability

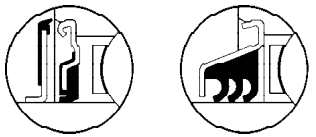
FC SERIES

For housing tolerances to suit spigot 'H' see page 23



Note.Re-lubrication Hole - M5 x 0,8 Pitch





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.

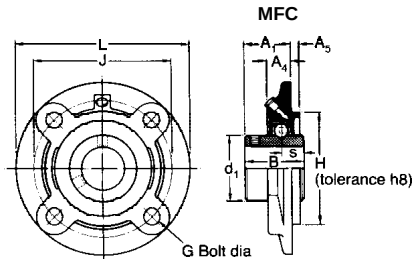
Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix 'T'. e.g. TFC40.

Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions					
								L	H	J	G	A	A1
mm	inches							mm inches					
20		**FC20**	**FC20A**	**FC20EC**	**FC20DEC**	1020	2	100,0	62,0	78,0	8	17,0	16,29
	3/4	**FC3/4**	**FC3/4A**	**FC3/4EC**	**FC3/4DEC**			3·937	2·441	3·071	5/16	·669	·641
25		**FC25**	**FC25A**	**FC25EC**	**FC25DEC**	1025	3	115,0	70,0	90,0	8	19,0	17,34
	7/8	**FC7/8**		**FC7/8EC**	**FC7/8DEC**			4·528	2·756	3·543	5/16	·748	·683
	15/16	**FC15/16**		**FC15/16EC**	**FC15/16DEC**								
	1	**FC1**	**FC1A**	**FC1EC**	**FC1DEC**								
30		**FC30**	**FC30A**	**FC30EC**	**FC30DEC**	1030	4	125,0	80,0	100,0	10	20,5	20,22
	1 1/8	**FC1 1/8**		**FC1 1/8EC**	**FC1 1/8DEC**			4·921	3·150	3·937	3/8	·807	·796
	1 3/16	**FC13/16**		**FC13/16EC**	**FC13/16DEC**								
	1 1/4	**FC1 1/4R**	**FC1 1/4AR**	**FC1 1/4ECR**	**FC1 1/4DECR**								
35		**FC35**	**FC35A**	**FC35EC**	**FC35DEC**	1035	5	135,0	90,0	110,0	10	20,5	24,40
	1 1/4	**FC1 1/4**	**FC1 1/4A**	**FC1 1/4EC**	**FC1 1/4DEC**			5·315	3·543	4·331	3/8	·807	·961
	1 3/8	**FC13/8**		**FC13/8EC**	**FC13/8 DEC**								
	17/16	**FC17/16**		**FC17/16EC**	**FC17/16DEC**								
40		**FC40**	**FC40A**	**FC40EC**	**FC40DEC**	1040	6	145,0	100,0	120,0	10	23,0	29,18
	1 1/2	**FC1 1/2**	**FC1 1/2A**	**FC1 1/2EC**	**FC1 1/2DEC**			5·709	3·937	4·724	3/8	·906	1·149
45		**FC45**	**FC45A**	**FC45EC**	**FC45DEC**	1045	7	155,0	105,0	130,0	12	25,0	28,18
	1 5/8	**FC1 5/8**		**FC1 5/8EC**	**FC1 5/8DEC**			6·102	4·134	5·118	1/2	·984	1·109
	1 11/16	**FC1 11/16**		**FC1 11/16EC**	**FC1 11/16DEC**								
	1 3/4	**FC1 3/4**	**FC1 3/4A**	**FC1 3/4EC**	**FC1 3/4DEC**								
50		**FC50**	**FC50A**	**FC50EC**	**FC50DEC**	1050	8	165,0	110,0	135,0	12	25,0	31,52
	1 7/8	**FC17/8**		**FC17/8EC**	**FC17/8DEC**			6·496	4·331	5·315	1/2	·984	1·241
	1 15/16	**FC1 15/16**		**FC1 15/16EC**	**FC1 15/16DEC**								
	2	**FC2R**											
55		**FC55**			**FC55DEC**	1055	9	185,0	125,0	150,0	16	27,5	33,30
	2	**FC2**			**FC2DEC**			7·283	4·921	5·906	5/8	1·083	1·311
	2 1/8	**FC2 1/8**			**FC2 1/8DEC**								
	2 3/16	**FC2 3/16**			**FC2 3/16DEC**								
60		**FC60**			**FC60DEC**	1060	10	195,0	135,0	160,0	16	29,0	38,65
	2 1/4	**FC2 1/4**			**FC2 1/4DEC**			7·677	5·315	6·299	5/8	1·142	1·522
	2 3/8	**FC2 3/8**			**FC2 3/8DEC**								
	2 7/16	**FC2 7/16**			**FC2 7/16DEC**								

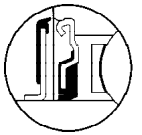
A2	A3	A5	B	B1	B2	B3	s	s1	s2	d1	d2	ISO load ratings dynamic Cr	ISO load ratings static Cor	Rec. max. speed	Mass (approx.)
mm inches												newtons lbf	newtons lbf	rev/ min	kg lb
21,45	24,57	8,0	30,96	25,77	30,92	43,62	12,75	7,56	17,12	28,50	33,30	12800	6580	6700	0,7
·844	·967	·315	1·219	1·015	1·217	1·717	·502	·298	·674	1·122	1·311	2880	1480		1·5
20,86	24,41	9,0	34,11	27,35	30,92	44,40	14,32	7,56	17,49	34,01	38,10	14000	7880	6250	0,9
·821	·961	·354	1·343	1·077	1·217	1·748	·564	·298	·689	1·339	1·500	3150	1770		1·9
24,64	28,10	9,5	38,10	31,21	35,68	48,42	15,93	9,04	18,32	40,00	44,45	19500	11300	5300	1,1
·970	1·106	·374	1·500	1·229	1·405	1·906	·627	·356	·721	1·575	1·750	4380	2540		2·5
28,33	31,29	10,0	42,88	34,90	38,88	51,18	17,53	9,55	18,89	46,69	55,58	25700	15300	4500	1,5
1·115	1·232	·394	1·688	1·374	1·531	2·015	·690	·376	·744	1·838	2·188	5780	3440		3·3
31,59	33,88	11,5	49,23	41,18	43,64	56,34	19,10	11,05	21,46	52,70	60,30	29100	17900	4000	1,8
1·244	1·334	·453	1·938	1·621	1·718	2·218	·752	·435	·845	2·075	2·374	6540	4020		3·9
30,59	32,88	12,0	49,23	41,18	43,64	56,34	19,10	11,05	21,46	57,30	63,50	32500	20500	3700	2,2
1·204	1·294	·472	1·938	1·621	1·718	2·218	·752	·435	·845	2·256	2·500	7310	4610		4·8
31,63	37,14	13,0	51,59	43,54	43,64	62,70	19,10	11,05	24,65	62,20	69,85	35000	23200	3400	2,8
1·245	1·462	·512	2·031	1·714	1·718	2·469	·752	·435	·970	2·449	2·750	7870	5220		6·2
-	43,72	15,0	55,55	-	-	71,44	22,28	-	27,82	68,81	76,20	43500	29200	3100	4,0
-	1·721	·591	2·187	-	-	2·813	·877	-	1·095	2·709	3·000	9780	6560		8·8
-	45,89	16,0	65,07	-	-	77,82	25,45	-	31,02	75,34	84,12	52500	35900	2800	4,7
-	1·807	·630	2·562	-	-	3·064	1·002	-	1·221	2·966	3·312	11800	8070		10·4

Please check availability

MFC SERIES



For housing tolerances to suit spigot 'H' see page 23



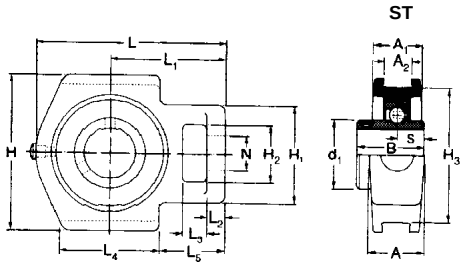
Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix 'FS' e.g. MFC30FS.

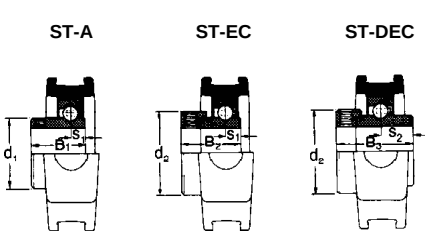
Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix 'T', e.g. TMFC30.

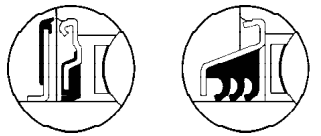
Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions								s	d1	ISO load ratings dynamic	ISO load ratings static	Rec. max. speed	Mass (approx.)
					L	H	J	G	A1	A4	A5	B			Cr	Cor		
mm	inches				mm inches								mm inches		newtons lbf	newtons lbf	rev/ min	kg lb
25		**MFC25**	1030	1	111,1	76,20	92,08	8	33,32	21,0	6,4	38,10	15,93	40,00	19500	11300	5300	1,4
	1	**MFC1**			4·374	3·000	3·625	5/16	1·312	·827	·252	1·500	·627	1·575	4380	2540		3·0
	1 1/4	**MFC1 1/4R**																
30		**MFC30**	1035	2	127,0	85,72	104,78	10	33,32	19,0	6,4	42,88	17,53	46,69	25700	15300	4500	1,5
	1 3/16	**MFC1 3/16**			5·000	3·375	4·125	3/8	1·312	·748	·252	1·688	·690	1·838	5780	3440		3·4
	1 1/4	**MFC1 1/4**																
35		**MFC35**	1040	3	133,4	92,07	111,12	10	38,10	19,0	6,4	49,23	19,10	52,70	29100	17900	4000	1,9
40		**MFC40**			5·252	3·625	4·375	3/8	1·500	·748	·252	1·938	·752	2·075	6540	4020		4·2
	1 3/8	**MFC1 3/8**																
	1 7/16	**MFC1 7/16**																
	1 1/2	**MFC1 1/2**																
45		**MFC45**	1050	4	155,6	107,95	130,18	10	39,67	19,0	6,4	51,59	19,10	62,20	35000	23200	3400	2,7
	1 11/16	**MFC1 11/16**			6·126	4·250	5·125	7/16	1·562	·748	·252	2·031	·752	2·449	7870	5220		6·0
	1 3/4	**MFC1 3/4**																
	2	**MFC2R**																
50		**MFC50**	1055	5	161,9	114,30	136,52	10	36,97	19,0	6,4	55,55	22,28	68,81	43500	29200	3100	3,0
	1 7/8	**MFC1 7/8**			6·374	4·500	5·375	7/16	1·562	·748	·252	2·187	·877	2·709	9780	6560		6·6
	1 15/16	**MFC1 15/16**																
	2	**MFC2**																
55		**MFC55**	1060	6	181,0	127,00	152,40	12	42,85	15,9	9,5	65,07	25,45	75,34	52500	35900	2800	3,4
	2 3/16	**MFC2 3/16**			7·126	5·000	6·000	1/2	1·687	·626	·374	2·562	1·002	2·966	11800	8070		7·6
	2 1/4	**MFC2 1/4**																
60		**MFC60**	1070	7	193,7	139,70	165,10	12	46,02	15,9	12,7	74,63	30,23	87,00	62000	44000	2450	4,5
65		**MFC65R**			7·626	5·500	6·500	1/2	1·812	·626	·500	2·938	1·190	3·425	13940	9890		10·0
	2 7/16	**MFC2 7/16**																
	2 1/2	**MFC2 1/2**																
65		**MFC65**	1075	8	222,2	161,92	190,50	16	50,80	21,0	12,7	77,77	33,37	92,00	66000	49300	2300	5,9
70		**MFC70**			8·748	6·375	7·500	5/8	2·000	·827	·500	3·062	1·314	3·622	14840	11080		13·0
	2 11/16	**MFC2 11/16**																
	2 3/4	**MFC2 3/4**																
75		**MFC75**	1080	9	222,2	161,92	190,50	16	50.80	16,7	12,7	82,55	33,37'	98,50	72500	53000	2150	5,4
80		**MFC80**			8·748	6·375	7·500	5/8	2·000	·657	·500	3·250	1·314	3·878	16300	11910		12·0
	2 15/16	**MFC2 15/16**																
	3	**MFC3**																
	3 1/4	**MFC3 1/4**																
85		**MFC85**	1090	10	260,4	187,32	219,08	20	67,46	29,4	12,7	96,04	39,73	111,66	96000	71500	1900	9,8
90		**MFC90**			10·252	7·375	8·625	3/4	2·656	1·157	·500	3·781	1·564	4·396	21580	16070		21·5
	3 7/16	**MFC3 7/16**																
	3 1/2	**MFC3 1/2**																
95		**MFC95**	3095	11	298,4	228,60	260,35	20	88,90	46,0	12,7	117,48	49,27	130,43	143000	110000	1600	17,7
100		**MFC100**			11·748	9·000	10·250	3/4	3·500	1·811	·500	4·625	1·940	5·135	32150	24730		39·0
	3 15/16	**MFC3 15/16**																
	4	**MFC4**																

Please check availability

ST SERIES (ISO)







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.

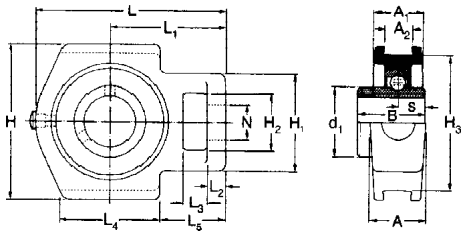
Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions L	L1	L2	L3	L4	L5	H	H1
mm	inches							mm inches							
20		ST20	ST20A	ST20EC	ST20DEC	1020	2	96,5	62,0	11,5	16,0	50,5	36,5	88,5	58,5
	3/4	ST3/4	ST3/4A	ST3/4EC	ST3/4DEC			3·760	2·441	·453	·630	1·988	1·437	3·484	2·303
25		ST25	ST25A	ST25EC	ST25DEC	1025	3	98,0	62,0	11,5	16,0	50,5	36,5	88,5	58,5
	7/8	ST7/8		ST7/8EC	ST7/8DEC			3·858	2·441	·453	·630	1·988	1·437	3·484	2·303
	15/16	ST15/16		ST15/16EC	ST15/16DEC										
	1	ST1	ST1A	ST1EC	ST1DEC										
30		ST30	ST30A	ST30EC	ST30DEC	1030	4	115,5	71,7	12,5	16,5	64,5	43,0	101,5	64,5
	1 1/8	ST1 1/8		ST1 1/8EC	ST1 1/8DEC			4·547	2·823	·492	·650	2·539	1·693	3·996	2·539
	1 3/16	ST1 3/16		ST1 3/16EC	ST1 3/16DEC										
	1 1/4	ST1 1/4R	ST1 1/4AR	ST1 1/4ECR	ST1 1/4DECR										
35		ST35	ST35A	ST35EC	ST35DEC	1035	5	124,0	75,5	12,5	16,5	64,5	43,0	101,5	64,5
	1 1/4	ST1 1/4	ST1 1/4A	ST1 1/4EC	ST1 1/4DEC			4·882	2·972	·492	·650	2·539	1·693	3·996	2·539
	1 3/8	ST1 3/8		ST1 3/8EC	ST1 3/8 DEC										
	1 7/16	ST1 7/16		ST1 7/16EC	ST1 7/16DEC										
40		ST40	ST40A	ST40EC	ST40DEC	1040	6	143,5	89,2	15,5	20,5	81,5	50,5	118,0	82,5
	1 1/2	ST1 1/2	ST1 1/2A	ST1 1/2EC	ST1 1/2EC			5·650	3·512	·610	·807	3·209	1·988	4·646	3·248
45		ST45	ST45A	ST45EC	ST45DEC	1045	7	147,0	89,2	15,5	20,5	81,5	50,5	118,0	82,5
	1 5/8	ST1 5/8		ST1 5/8EC	ST1 5/8DEC			5·787	3·512	·610	·807	3·209	1·988	4·646	3·248
	1 11/16	ST1 11/16		ST1 11/16EC	ST1 11/16DEC										
	1 3/4	ST1 3/4	ST1 3/4A	ST1 3/4EC	ST1 3/4DEC										
50		ST50	ST50A	ST50EC	ST50DEC	1050	8	151,0	90,5	15,5	20,5	81,5	50,5	118,0	82,5
	1 7/8	ST1 7/8		ST1 7/8EC	ST1 7/8DEC			5·945	3·563	·610	·807	3·209	1·988	4·646	3·248
	1 15/16	ST1 15/16		ST1 15/16EC	ST1 15/16DEC										
	2	ST2R													
55		ST55			ST55DEC	1055	9	182,0	114,0	19,0	32,0	97,5	70,0	146,0	101,0
	2	ST2			ST2DEC			7·165	4·488	·748	1·260	3·839	2·756	5·748	3·976
	2 1/8	ST2 1/8			ST2 1/8DEC										
	2 3/16	ST2 3/16			ST2 3/16DEC										
60		ST60			ST60DEC	1060	10	192,0	119,0	19,0	32,0	97,5	70,0	146,0	101,0
	2 1/4	ST2 1/4			ST2 1/4DEC			7·559	4·685	·748	1·260	3·839	2·756	5·748	3·976
	2 3/8	ST2 3/8			ST2 3/8DEC										
	2 7/16	ST2 7/16			ST2 7/16DEC										
65		ST65			ST65DEC	1070	11	222,5	137,5	21,5	32,0	120,5	77,0	166,5	113,0
70		ST70			ST70DEC			8·760	5·413	·846	1·260	4·744	3·031	6·555	4·449
	2 1/2	ST2 1/2			ST2 1/2DEC										
	2 11/16	ST2 11/16			ST2 11/16DEC										
75		ST75			ST75DEC	1075	12	222,5	137,5	21,5	32,0	120,5	77,0	166,5	113,0
	2 3/4	ST2 3/4			ST2 3/4DEC			8·760	5·413	·846	1·260	4·744	3·031	6·555	4·449
	2 7/8	ST2 7/8			ST2 7/8DEC										
	2 15/16	ST2 15/16			ST2 15/16DEC										
80		ST80				1080	13	231,5	139,5	20,5	32,0	125,0	74,0	184,0	113,0
	3	ST3						9·114	5·492	·807	1·260	4·921	2·913	7·244	4·449
	3 3/16	ST3 3/16													
85		ST85				1085	14	260,5	162,0	28,5	38,0	140,0	90,5	198,5	124,0
	3 1/4	ST3 1/4						10·256	6·378	1·122	1·496	5·512	3·562	7·815	4·882
	3 3/8	ST3 3/8													
	3 7/16	ST3 7/16													

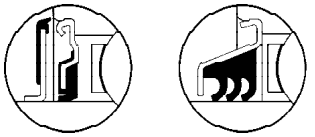
Please check availability

H2	H3	N	A	A1	A2	B	B1	B2	B3	s	s1	s2	d1	d2	ISO load ratings dynamic Cr	static Cor	Rec. max. speed	Mass (approx.)
mm inches															newtons lbf	newtons lbf	rev/ min	kg lb
32,0	76,0	22,5	36,0	27,5	13,50	30,96	25,77	30,92	43,62	12,75	7,56	17,12	28,50	33,30	12800	6580	6700	0,8
1·260	2·992	·886	1·417	1·083	·531	1·219	1·015	1·217	1·717	·502	·298	·674	1·122	1·311	2880	1480		1·8
32,0	76,0	22,5	36,0	27,5	13,50	34,11	27,35	30,92	44,40	14,32	7,56	17,49	34,01	38,10	14000	7880	6250	1,0
1·260	2·992	·886	1·417	1·083	·531	1·343	1·077	1·217	1·748	·564	·298	·689	1·339	1·500	3150	1770		2·2
37,5	89,0	22,5	36,5	30,0	13,50	38,10	31,21	35,68	48,42	15,93	9,04	18,32	40,00	44,45	19500	11300	5300	1,6
1·476	3·504	·886	1·437	1·181	·531	1·500	1·229	1·405	1·906	·627	·356	·721	1·575	1·750	4380	2540		3·5
37,5	89,0	22,5	36,5	30,0	13,50	42,88	34,90	38,88	51,18	17,53	9,55	18,89	46,69	55,58	25700	15300	4500	1,6
1·476	3·504	·886	1·437	1·181	·531	1·688	1·374	1·531	2·015	·690	·376	·744	1·838	2·188	5780	3440		3·5
49,5	101,0	29,0	49,5	37,0	17,50	49,23	41,18	43,64	56,34	19,10	11,05	21,46	52,70	60,30	29100	17900	4000	2,7
1·949	3·976	1·142	1·949	1·457	·689	1·938	1·621	1·718	2·218	·752	·435	·845	2·075	2·374	6540	4020		6·0
49,5	101,0	29,0	49,5	37,0	17,50	49,23	41,18	43,64	56,34	19,10	11,05	21,46	57,30	63,50	32500	20500	3700	2,8
1·949	3·976	1·142	1·949	1·457	·689	1·938	1·621	1·718	2·218	·752	·435	·845	2·256	2·500	7310	4610		6·2
49,5	101,0	29,0	49,5	37,0	17,50	51,59	43,54	43,64	62,70	19,10	11,05	24,65	62,20	69,85	35000	23200	3400	2,8
1·949	3·976	1·142	1·949	1·457	·689	2·031	1·714	1·718	2·469	·752	·435	·970	2·449	2·750	7870	5220		6·2
64,0	130,0	35,0	63,5	46,5	27,00	55,55	-	-	71,44	22,28	-	27,82	68,81	76,20	43500	29200	3100	4,2
2·520	5·118	1·378	2·500	1·831	1·063	2·187	-	-	2·813	·877	-	1·095	2·709	3·000	9780	6560		9·3
64,0	130,0	35,0	63,5	46,5	27,00	65,07	-	-	77,82	25,45	-	31,02	75,34	84,12	52500	35900	2800	5,4
2·520	5·118	1·378	2·500	1·831	1·063	2·562	-	-	3·064	1·002	-	1·221	2·996	3·312	11800	8070		11·8
70,0	150,8	42,0	70,0	50,5	27,00	74,63	-	-	85,36	30,23	-	34,19	87,00	96,82	62000	44000	2450	7,9
2·756	5·937	1·654	2·756	1·988	1·063	2·938	-	-	3·361	1·190	-	1·346	3·425	3·812	13940	9890		17·5
70,0	150,8	42,0	70,0	50,5	27,00	77,77	-	-	91,72	33,37	-	37,37	92,00	101,60	66000	49300	2300	8,4
2·756	5·937	1·654	2·756	1·988	1·063	3·062	-	-	3·611	1·314	-	1·471	3·622	4·000	14840	11080		18·5
70,0	165,1	42,0	70,0	54,0	27,00	82,55	-	-	-	33,37	-	-	98,50	-	72500	53000	2150	9,0
2·756	6·500	1·654	2·756	2·126	1·063	3·250	-	-	-	1·314	-	-	3·878	-	16300	11910		19·9
73,0	173,0	47,5	79,5	68,5	46,05	85,72	-	-	-	34,18	-	-	106,02	-	83500	63800	2000	13,7
2·874	6·811	1·870	3·130	2·697	1·813	3·375	-	-	-	1·346	-	-	4·174	-	18770	14340		30·2

MST SERIES

MST





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.

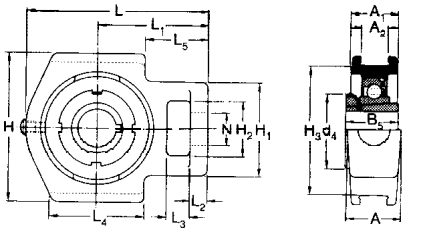
Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions								H2	H3	N	A	A1	A2	B	s	d1	ISO load ratings dynamic	ISO load ratings static	Rec. max. speed	Mass (approx.)
					L	L1	L2	L3	L4	L5	H	H1										Cr	Cor		
mm	inches				mm inches								mm inches									newtons lbf	newtons lbf	rev/ min	kg lb
25		**MST25**	1030	1	115,5	71,7	12,5	16,5	64,5	43,0	101,5	64,5	37,5	89,0	22,5	36.5	30,0	13,50	38,10	15,93	40,00	19500	11300	5300	1,6
	1	**MST1**			4·547	2·823	·492	·650	2·539	1·693	3·996	2·539	1·476	3·504	·886	1·437	1·181	·531	1·500	·627	1·575	4380	2540		3·5
30		**MST30**	1035	2	124,0	75,5	12,5	16,5	64,5	43,0	101,5	64,5	37,5	89,0	22,5	36,5	30,0	13,50	42,88	17,53	46,69	25700	15300	4500	1,6
	$1^3/_{16}$	**MST$1^3/_{16}$**			4·882	2·972	·492	·650	2·539	1·693	3·996	2·539	1·476	3·504	·886	1·437	1·181	·531	1·688	·690	1·838	5780	3440		3·5
	$1^1/_4$	**																							
35		**MST35**	1040	3	143,5	89,2	15,5	20,5	81,5	50,5	118,0	82,5	49,5	101,0	29,0	49,5	37,0	17,50	49,23	19,10	52,70	29100	17900	4000	2,7
	$1^3/_8$	**MST$1^3/_8$**			5·650	3·512	·610	·807	3·209	1·988	4·646	3·248	1·949	3·976	1·142	1·949	1·457	·689	1·938	·752	2·075	6540	4020		6·0
	$1^7/_{16}$	**MST$1^7/_{16}$**																							
40		**MST40**	1045	4	147,0	89,2	15,5	20,5	81,5	50,5	118,0	82,5	49,5	101,0	29,0	49,5	37,0	17,50	49,23	19,10	57,30	32500	20500	3700	2,8
	$1^1/_2$	**MST$1^1/_2$**			5·787	3·512	·610	·807	3·209	1·988	4·646	3·248	1·949	3·976	1·142	1·949	1·457	·689	1·938	·752	2·256	7310	5220		6·2
45		**MST45**	1050	5	151,0	90,5	15,5	20,5	81,5	50,5	118,0	82,5	49,5	101,0	29,0	49,5	37,0	17,50	51,59	19,10	62,20	35000	23200	3400	2,8
	$1^{11}/_{16}$	**MST$1^{11}/_{16}$**			5·945	3·563	·610	·807	3·209	1·988	4·646	3·248	1·949	3·976	1·142	1·949	1·457	·689	2·031	·752	2·449	7870	5220		6·2
	$1^3/_4$	**MST$1^3/_4$**																							
50		**MST50**	1055	6	182,0	114,0	19,0	32,0	97,5	70,0	146,0	101,0	64,0	130,0	35,0	63,5	46,5	27,00	55,55	22,28	68,81	43500	29200	3100	4,2
	$1^7/_8$	**MST$1^7/_8$**			7·165	4·488	·748	1·260	3·839	2·756	5·748	3·976	2·520	5·118	1·378	2·500	1·831	1·063	2·187	·877	2·709	9780	6560		9·3
	$1^{15}/_{16}$	**MST$1^{15}/_{16}$**																							
	2	**																							
55		**MST55**	1060	7	192,0	119,0	19,0	32,0	97,5	70,0	146,0	101,0	64,0	130,0	35,0	63,5	46,5	27,00	65,07	25,45	73,34	52500	35900	2800	5,4
	$2^3/_{16}$	**MST$2^3/_{16}$**			7·559	4·685	·748	1·260	3·839	2·756	5·748	3·976	2·520	5·118	1·378	2·500	1·831	1·063	2·562	1·002	2·966	11800	8070		11·8
	$2^1/_4$	**																							
60		**MST60**	1070	8	222,5	137,5	21,5	32,0	120,5	77,0	166,5	113,0	70,0	150,8	42,0	70,0	50,5	27,00	74,63	30,23	87,00	62000	44000	2450	7,9
	$2^7/_{16}$	**MST$2^7/_{16}$**			8·760	5·413	·846	1·260	4·744	3·031	6·555	4·449	2·756	5·937	1·654	2·756	1·988	1·063	2·938	1·190	3·425	13940	9890		17·5
	$2^1/_2$	**																							
65		**MST65**	1075	9	222,5	137,5	21,5	32,0	120,5	77,0	166,5	113,0	70,0	150,8	42,0	70,0	50,5	27,00	77,77	33,37	92,00	66000	49300	2300	8,4
70		**MST70**			8·760	5·413	·846	1·260	4·744	3·031	6·555	4·449	2·756	5·937	1·654	2·756	1·988	1·063	3·062	1·314	3·622	14840	11080		18·5
	$2^{11}/_{16}$	**MST$2^{11}/_{16}$**																							
	$2^3/_4$	**																							
75		**MST75**	1080	10	231,5	139,5	20,5	32,0	125,0	74,0	184,0	113,0	70,0	165,1	42,0	70,0	54,0	27,00	82,55	33,37	98,50	72500	53000	2150	9,0
	$2^{15}/_{16}$	**MST$2^{15}/_{16}$**			9·114	5·492	·807	1·260	4·921	2·913	7·244	4·449	2·756	6·500	1·654	2·756	2·126	1·063	3·250	1·314	3·878	16300	11910		19·9
	3	**																							
80		**MST80**	1085	11	260,5	162,0	28,5	38,0	140,0	90,5	198,5	124,0	73,0	173,0	47,5	79,5	68,5	46,05	85,72	34,18	106,02	83500	63800	2000	13,7
	$3^3/_{16}$	**MST$3^3/_{16}$**			10·256	6·378	1·122	1·496	5·512	3·562	7·815	4·882	2·874	6·811	1·870	3·130	2·697	1·813	3·375	1·346	4·174	18770	14340		30·2
	$3^1/_4$	**																							
85		**MST85**	1090	12	270,0	165,0	28,5	38,0	152,5	90,0	216,0	127,0	73,0	190,5	47,5	79,5	68,5	46,05	96,04	39,73	111,66	96000	71500	1900	16,8
90		**MST90**			10·630	6·496	1·122	1·496	6·004	3·543	8·504	5·000	2·874	7·500	1·870	3·130	2·697	1·813	3·781	1·564	4·396	21580	16070		37·0
	$3^7/_{16}$	**MST$3^7/_{16}$**																							
	$3^1/_2$	**MST$3^1/_2$**																							
95		**MST95**	3095	13	317,5	190,5	32,0	38,0	175,0	103,0	260,5	152,5	85,5	235,0	54,5	98,5	82,5	55,55	117,48	49,27	130,43	143000	110000	1600	22,2
100		**MST100**			12·500	7·500	1·260	1·496	6·890	4·055	10·256	6·004	3·366	9·252	2·146	3·878	3·248	2·187	4·625	1·940	5·135	32150	24730		49·0
	$3^{15}/_{16}$	**MST$3^{15}/_{16}$**																							
	4	**MST4**																							

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

Please check availability

MST 1000-K SERIES

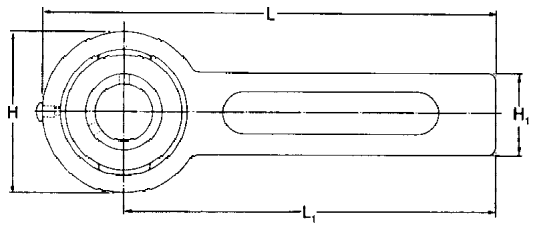
MST 1000-K



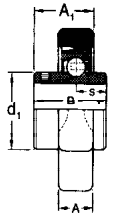
Shaft diameter		RHP designation complete unit	sleeve, nut & lockwasher assembly only	unit without sleeve, nut & lockwasher	Basic bearing insert	Casting group	Dimensions L	L1	L2	L3	L4	L5	H	H1	H2	H3	N	A	A1	A2	B5	d4	ISO load ratings dynamic Cr	static Cor	Rec. max. speed	Mass (approx.)
mm	inches						mm inches																newtons lbf	newtons lbf	rev/ min	kg lb
20		MST1025-20K	H305	MST1025K	1025	ST3	98,0	62,0	11,5	16,0	50,5	36,5	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
	3/4	MST1025-3/4K	HE305-3/4				3·858	2·441	·453	·630	1·988	1·437	3·484	2·303	1·260	2·992	·886	1·417	1·083	·531	1·142	1·496	3150	1770		2·2
25		MST1030-25K	H306	MST1030K	1030	1	115,5	71,7	12,5	16,5	64,5	43,0	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
	15/16	MST1030-15/16K	HE306-15/16				4·547	2·823	·492	·650	2·539	1·693	3·996	2·539	1·476	3·504	·886	1·437	1·181	·531	1·220	1·772	4380	2540		3·5
	1	MST1030-1K	HE306-1																							
30		MST1035-30K	H307	MST1035K	1035	2	124,0	75,5	12,5	16.5	64,5	43,0	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
	1 1/8	MST1035-1 1/8K	HE307-1 1/8				4·882	2·972	·492	·650	2·539	1·693	3·996	2·539	1·476	3·504	·886	1·437	1·181	·531	1·378	2·047	5780	3440		3·5
	1 3/16	MST1035-1 3/16K	HE307-1 3/16																							
35		MST1040-35K	H308	MST1040K	1040	3	143,5	89,2	15,5	20,5	81,5	50,5	118,0	82,5	49,5	101,0	29,0	49,5	37,0	17,50	36,0	58,0	29100	17900	4000	2,7
	1 1/4	MST1040-1 1/4K	HE308-1 1/4				5·650	3·512	·610	·807	3·209	1·988	4·646	3·248	1·949	3·976	1·142	1·949	1·457	·689	1·417	2·283	6540	4020		6·0
	1 3/8	MST1040-1 3/8K	HE308-1 3/8																							
40		MST1045-40K	H309	MST1045K	1045	4	147,0	89,2	15,5	20,5	81,5	50,5	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
	1 7/16	MST1045-1 7/16K	HE309-1 7/16				5·787	3·512	·610	·807	3·209	1·988	4·646	3·248	1·949	3·976	1·142	1·949	1·457	·689	1·535	2·559	7310	4610		6·2
	1 1/2	MST1045-1 1/2K	HE309-1 1/2																							
45		MST1050-45K	H310	MST1050K	1050	5	151,0	90,5	15,5	20,5	81,5	50,5	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
	1 11/16	MST1050-1 11/16K	HE310-1 11/16				5·945	3·563	·610	·807	3·209	1·988	4·646	3·248	1·949	3·976	1·142	1·949	1·457	·689	1·654	2·756	7870	5220		6·2
	1 3/4	MST1050-1 3/4K	HE310-1 3/4																							
50		MST1055-50K	H311	MST1055K	1055	6	182,0	114,0	19,0	32,0	97,5	70,0	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
	1 15/16	MST1055-1 15/16K	HE311-1 15/16				7·165	4·488	·748	1·260	3·839	2·756	5·748	3·976	2·520	5·118	1·378	2·500	1·831	1·063	1·772	2·953	9780	6560		9·3
	2	MST1055-2K	HE311-2																							

Please check availability

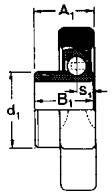
BT SERIES



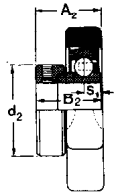
BT

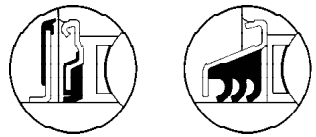


BT-A



BT-EC





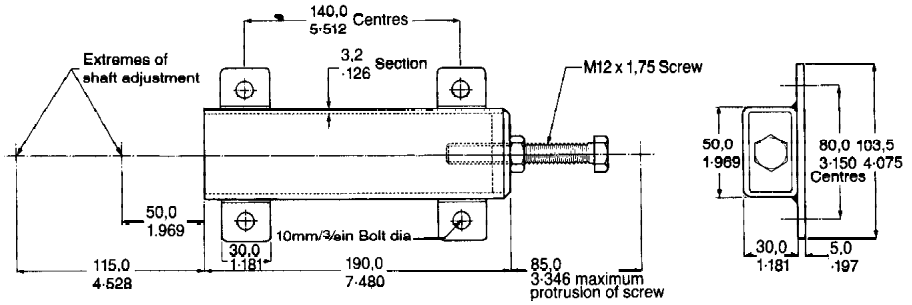
Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix 'FS' e.g. BT35FS.

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.

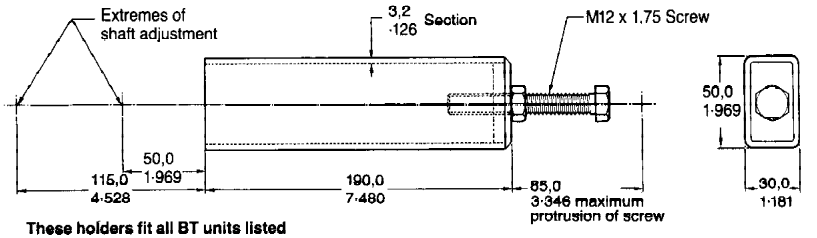
Shaft diameter		RHP designation			Basic bearing insert	Casting group	Dimensions H	H1	L	L1	A	A1
mm	inches						mm inches					
25		**BT25**	**BT25A**	**BT25EC**	1025	3	78,0	42,5	264,0	225,0	22,0	30,57
	7/8	**BT7/8**		**BT7/8EC**			3·071	1·673	10·394	8·858	0·866	1·204
	15/16	**BT15/16**		**BT15/16EC**								
	1	**BT1**	**BT1A**	**BT1EC**								
30		**BT30L**			1035	5	98,0	42,5	274,0	225,0	22,0	36,13
35		**BT35**	**BT35A**	**BT35EC**			3·858	1·673	10·787	8·858	0·866	1·422
	13/16	**BT13/16L**										
	1 1/4	**BT1 1/4**	**BT1 1/4A**	**BT1 1/4EC**								
	1 3/8	**BT1 3/8**		**BT1 3/8EC**								
	1 7/16	**BT1 7/16**		**BT1 7/16EC**								

A2	B	B1	B2	s	s1	d1	d2	ISO load ratings dynamic Cr	static Cor	Rec. max. speed	Mass (approx.)
mm inches								newtons lbf	newtons lbf	rev/ min	kg lb
34,2	34,11	27,35	30,92	14,32	7,56	34,01	38,10	14000	7880	6250	1,8
1·346	1·343	1·077	1·217	·564	·298	1·339	1·500	3150	1770		4·0
40,2	42,88	34,90	38,88	17,53	9,55	46,69	55,58	25700	15300	4500	2,3
1·583	1·688	1·374	1·531	·690	·376	1·838	2·188	5780	3440		5·0

BTHF (with feet) for bolting to the machine frame



BTH (without feet) for welding to the machine frame



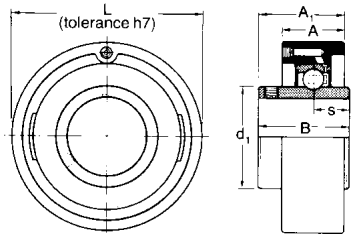
These holders fit all BT units listed

Please check availability

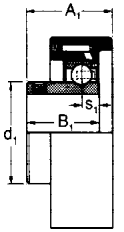
SLC SERIES

For housing tolerances to suit outside dia 'L' see page 23

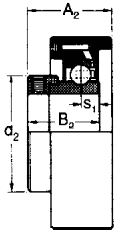
SLC



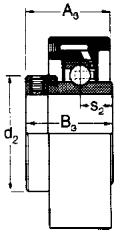
SLC-A

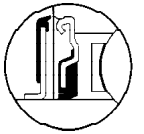


SLC-EC



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.

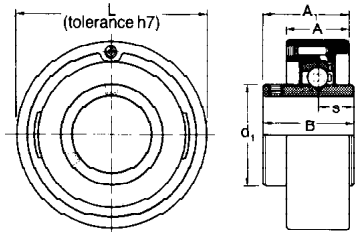
Shaft diameter		RHP designation				Basic bearing insert	Casting group	Dimensions L	A	A_1	A_2	A_3	B	B_1	B_2	B_3	s	s_1	s_2	d_1	d_2	ISO load ratings dynamic C_r	static C_{or}	Rec. max. speed	Mass (approx.)
mm	inches							mm inches						mm inches								newtons lbf	newtons lbf	rev/ min	kg lb
12		SLC12		SLC12EC		1017	1	68,287	22,22	24,21	30,35	-	27,38	-	28,54	-	11,55	6,55	-	24,21	28,58	9550	4760	7000	0,6
15		SLC15		SLC15EC				2·6885	·875	·953	1·195	-	1·078	-	1·124	-	·455	·258	-	·953	1·125	2150	1070		1·3
16		SLC16		SLC16EC																					
17		SLC17		SLC17EC																					
	1/2	SLC1/2		SLC1/2EC																					
	5/8	SLC5/8		SLC5/8EC																					
20		SLC20	SLC20A	SLC20EC	SLC20DEC	1020	2	74,637	22,22	29,39	34,54	37,67	30,96	25,77	30,92	43,62	12,75	7,56	17,12	28,50	33,30	12800	6580	6700	0,7
	3/4	SLC3/4	SLC3/4A	SLC3/4EC	SLC3/4DEC			2·9385	·875	1·157	1·360	1·483	1·219	1·015	1·217	1·717	·502	·298	·674	1·122	1·311	2880	1480		1·5
25		SLC25	SLC25A	SLC25EC	SLC25DEC	1025	3	79,400	26,19	32,94	36,52	40,06	34,11	27,35	30,92	44,40	14,32	7,56	17,49	34,01	38,10	14000	7880	6250	0,8
	7/8	SLC7/8		SLC7/8EC	SLC7/8DEC			3·1260	1·031	1·297	1·438	1·577	1·343	1·077	1·217	1·748	·564	·298	·689	1·339	1·500	3150	1770		1·8
	15/16	SLC15/16		SLC15/16EC	SLC15/16DEC																				
	1	SLC1	SLC1A	SLC1EC	SLC1DEC																				
30		SLC30	SLC30A	SLC30EC	SLC30DEC	1030	4	88,925	27,78	36,12	40,56	43,99	38,10	31,21	35,68	48,42	15,93	9,04	18,32	40,00	44,45	19500	11300	5300	1,1
	1 1/8	SLC1 1/8		SLC1 1/8EC	SLC1 1/8DEC			3·5010	1·094	1·422	1·597	1·732	1·500	1·229	1·405	1·906	·627	·356	·721	1·575	1·750	4380	2540		2·5
	1 3/16	SLC1 3/16		SLC1 3/16EC	SLC1 3/16DEC																				
	1 1/4	SLC1 1/4R	SLC1 1/4AR	SLC1 1/4ECR	SLC1 1/4DECR																				
35		SLC35	SLC35A	SLC35EC	SLC35DEC	1035	5	98,450	30,96	40,87	44,81	47,78	42,88	34,90	38,88	51,18	17,53	9,55	18,89	46,69	55,58	25700	15300	4500	1,4
	1 1/4	SLC1 1/4	SLC1 1/4A	SLC1 1/4EC	SLC1 1/4DEC			3·8760	1·219	1·609	1·764	1·881	1·688	1·374	1·531	2·015	·690	·376	·744	1·838	2·188	5780	3440		3·1
	1 3/8	SLC1 3/8		SLC1 3/8EC	SLC1 3/8DEC																				
	1 7/16	SLC1 7/16		SLC1 7/16EC	SLC1 7/16DEC																				
40		SLC40	SLC40A	SLC40EC	SLC40DEC	1040	6	106,387	37,31	48,84	51,28	53,57	49,23	41,18	43,64	56,34	19,10	11,05	21,46	52,70	60,30	29100	17900	4000	2,0
	1 1/2	SLC1 1/2	SLC1 1/2A	SLC1 1/2EC	SLC1 1/2DEC			4·1885	1·469	1·923	2·019	2·109	1·938	1·621	1·718	2·218	·752	·435	·845	2·075	2·374	6540	4020		4·4
45		SLC45	SLC45A	SLC45EC	SLC45DEC	1045	7	111,150	36,51	48,44	50,88	53,16	49,23	41,18	43,64	56,34	19,10	11,05	21,46	57,30	63,50	32500	20500	3700	2,1
	1 5/8	SLC1 5/8		SLC1 5/8EC	SLC1 5/8DEC			4·3760	1·437	1·907	2·003	2·093	1·938	1·621	1·718	2·218	·752	·435	·845	2·256	2·500	7310	4610		4·7
	1 11/16	SLC1 11/16		SLC1 11/16EC	SLC1 11/16DEC																				
	1 3/4	SLC1 3/4	SLC1 3/4A	SLC1 3/4EC	SLC1 3/4DEC																				
50		SLC50	SLC50A	SLC50EC	SLC50DEC	1050	8	115,913	37,31	51,18	51,28	56,72	51,59	43,54	43,64	62,70	19,10	11,05	24,65	62,20	69,85	35000	23200	3400	2,3
	1 7/8	SLC1 7/8		SLC1 7/8EC	SLC1 7/8DEC			4·5635	1·469	2·015	2·019	2·233	2·031	1·714	1·718	2·469	·752	·435	·970	2·449	2·750	7870	5220		5·1
	1 15/16	SLC1 15/16		SLC1 15/16EC	SLC1 15/16DEC																				
	2	SLC2R																							
55		SLC55			SLC55DEC	1055	9	125,437	40,48	53,57	-	63,83	55,55	-	-	71,44	22,28	-	27,82	68,81	76,20	43500	29200	3100	2,9
	2	SLC2			SLC2DEC			4·9385	1·594	2·109	-	2·513	2·187	-	-	2·813	·877	-	1·095	2·709	3·000	9780	6560		6·3
	2 1/8	SLC2 1/8			SLC2 1/8DEC																				
	2 3/16	SLC2 3/16			SLC2 3/16DEC																				
60		SLC60			SLC60DEC	1060	10	149,250	41,28	60,30	-	67,39	65,07	-	-	77,82	25,45	-	31,02	75,34	84,12	52500	35900	2800	4,4
	2 1/4	SLC2 1/4			SLC2 1/4DEC			5·8760	1·625	2·374	-	2·653	2·562	-	-	3·064	1·002	-	1·221	2·966	3·312	11800	8070		9·7
	2 3/8	SLC2 3/8			SLC2 3/8DEC																				
	2 7/16	SLC2 7/16			SLC2 7/16DEC																				
65		SLC65				1065	10/65	149,250	41,28	60,30	-	67,39	65,07	-	-	77,82	25,45	-	31,02	82,40	87,33	57500	40000	2600	4,5
	2 1/2	SLC2 1/2			SLC2 1/2DEC			5·8760	1·625	2·374	-	2·653	2·562	-	-	3·064	1·002	-	1·221	3·244	3·438	12930	8990		9·9

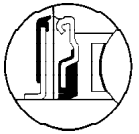
Please check availability

MSC SERIES

For housing tolerances to suit outside dia 'L' see page 23.

MSC





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. MSC1$^{3}/_{16}$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. TMSC1$^{3}/_{16}$.

Shaft diameter		RHP designation	Basic insert	Casting bearing	Dimensions group						ISO load ratings dynamic C_r	ISO load ratings static C_{or}	Rec. max. speed	Mass (approx.)
					L	A	A_1	B	s	d_1				
mm	inches				mm inches						newtons lbf	newtons lbf	rev/ min	kg lb
25		**MSC25**	1030	1	88,925	27,78	36,12	38,10	15,93	40,00	19500	11300	5300	1,1
30		**			3·5010	1·094	1·422	1·500	·627	1·575	4380	2540		2·5
	1	**MSC1**												
35		**	1035	2	98,450	30,96	40,87	42,88	17,53	46,69	25700	15300	4500	1,4
	$1^{3}/_{16}$	**MSC$1^{3}/_{16}$**			3·8760	1·219	1·609	1·688	·690	1·838	5780	3440		3·1
	$1^{1}/_{4}$	**												
40		**	1040	3	106,387	37,31	48,84	49,23	19,10	52,70	29100	17900	4000	2,0
	$1^{3}/_{8}$	**MSC$1^{3}/_{8}$**			4·1885	1·469	1·923	1·938	·752	2·075	6540	4020		4·4
	$1^{7}/_{16}$	**MSC$1^{7}/_{16}$**												
45		**	1045	4	111,150	36,51	48,44	49,23	19,10	57,30	32500	20500	3700	2,1
	$1^{1}/_{2}$	**MSC$1^{1}/_{2}$**			4·3760	1·437	1·907	1·938	·752	2·256	7310	4610		4·7
50		**	1050	5	115,913	37,31	51,18	51,59	19,10	62,20	35000	23200	3400	2,3
	$1^{11}/_{16}$	**MSC$1^{11}/_{16}$**			4·5635	1·469	2·015	2·031	·752	2·449	7870	5220		5·1
	$1^{3}/_{4}$	**MSC$1^{3}/_{4}$**												
55		**	1055	6	125,437	40,48	53,57	55,55	22,28	68,81	43500	29200	3100	2,9
	$1^{7}/_{8}$	**MSC$1^{7}/_{8}$**			4·9385	1·594	2·109	2·187	·877	2·709	9780	6560		6·3
	$1^{15}/_{16}$	**MSC$1^{15}/_{16}$**												
	2	**												
60		**	1060	7	149,250	41,28	60,30	65,07	25,45	75,34	52500	35900	2800	4,4
	$2^{3}/_{16}$	**MSC$2^{3}/_{16}$**			5·8760	1·625	2·374	2·562	1·002	2·966	11800	8070		9·7
	$2^{1}/_{4}$	**												
65		**MSC65**	1070	8	158,775	50,80	69,80	74,63	30,23	87,00	62000	44000	2450	5,3
70		**MSC70**			6·2510	2·000	2·748	2·938	1·190	3·425	13940	9890		11·6
	$2^{7}/_{16}$	**MSC$2^{7}/_{16}$**												
	$2^{1}/_{2}$	**MSC$2^{1}/_{2}$**												
75		**MSC75**	1075	9	168,300	50,80	69,80	77,77	33,37	92,00	66000	49300	2300	6,2
	$2^{11}/_{16}$	**MSC$2^{11}/_{16}$**			6·6260	2·000	2·748	3·062	1·314	3·622	14840	11080		13·6
	$2^{3}/4$	**MSC$2^{3}/_{4}$**												
80		**MSC80**	1080	10	177,825	55,56	76,99	82,55	33,37	98,50	72500	53000	2150	7,9
	$2^{15}/_{16}$	**MSC$2^{15}/_{16}$**			7·0010	2·187	3·031	3·250	1·314	3·878	16300	11910		17·4
	3	**MSC3**												
85		**MSC85**	1085	11	188,937	63,50	83,29	85,72	34,18	106,02	83500	63800	2000	9,3
	$3^{3}/_{16}$	**MSC$3^{3}/_{16}$**			7·4385	2·500	3·279	3·375	1·346	4·174	18770	14340		20·5
	$3^{1}/_{4}$	**MSC$3^{1}/_{4}$**												
90		**MSC90**	1090	12	207,987	63,50	88,06	96,04	39,73	111,66	96000	71500	1900	12,7
	$3^{7}/_{16}$	**MSC$3^{7}/_{16}$**			8·1885	2·500	3·467	3·781	1·564	4·396	21580	16070		28·0
	$3^{1}/_{2}$	**MSC$3^{1}/_{2}$**												
95		**MSC95**	3095	13	241,325	76,20	106,38	117,48	49,27	130,43	143000	110000	1600	20,4
100		**MSC100**			9·5010	3·000	4·188	4·625	1·940	5·135	32150	24730		45·0
	$3^{15}/_{16}$	**MSC$3^{15}/_{16}$**												
	4	**MSC4**												

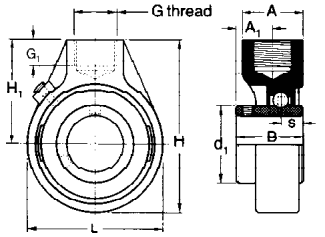
**For these bore sizes select from SLC Series (see page 64)

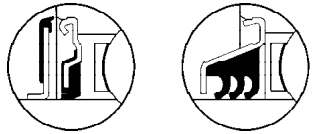
Please check availability

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)





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.

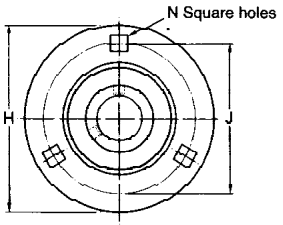
Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix 'T', e.g. TSCH35

Shaft diameter		RHP designation BSP thread	RHP designation metric thread	Basic bearing insert	Casting group	Dimensions G (BSP)	G (metric)	G_1	L	H	H_1	A	A_1	B	s	d_1	ISO load ratings dynamic C_r	ISO load ratings static C_{or}	Rec. max. speed	Mass (approx.)
mm	inches							mm inches					mm inches				newtons lbf	newtons lbf	rev/ min	kg lb
20		**SCHB20**	**SCH20**	1020	0	1/2	M16 x 2,00	19,0 ·748	67,0 2·638	91,6 3·606	57,2 2·252	34,0 1·339	18,26 ·719	30,96 1·219	12,75 ·502	28,50 1·122	12800 2880	6580 1480	6700	0,8 1·8
	3/4	**SCHB3/4**	**SCH3/4**																	
25		**SCHB25**	**SCH25**	1030	2/0	1/2	M20 x 2,50	16,0 ·630	89,0 3·504	107,5 4·232	61,9 2·437	33,5 1·319	22,22 ·875	38,10 1·500	15,93 ·627	40,00 1·575	19500 4380	11300 2540	5300	1,2 2·7
30		**SCHB30**	**SCH30**																	
	7/8	**SCHB7/8**	**SCH7/8**																	
	1	**SCHB1**	**SCH1**																	
	1 1/8	**SCHB1 1/8**	**SCH1 1/8**																	
35		**SCHB35**	**SCH35**	1035	1	3/4	M24 x 3,00	19,0 ·748	97,0 3·819	119,0 4·685	69,8 2·748	39,5 1·555	25,40 1·000	42,88 1·688	17,53 ·690	46,69 1·838	25700 5780	15300 3440	4500	1,5 3·2
	1 3/16	**SCHB1 3/16**	**SCH1 3/16**																	
	1 1/4	**SCHB1 1/4**	**SCH1 1/4**																	
	1 3/8	**SCHB1 3/8**	**SCH1 3/8**																	
40		**SCHB40**	**SCH40**	1040	2	3/4	M24 x 3,00	19,0 ·748	107,0 4·213	127,5 5·020	73,0 2·874	39, 1·555	27,79 1·094	49,23 1·938	19,10 ·752	52,70 2·075	29100 6540	17900 4020	4000	1,6 3·6
	1 7/16	**SCHB1 7/16**	**SCH1 7/16**																	
	1 1/2	**SCHB1 1/2**	**SCH1 1/2**																	
45		**SCHB45**	**SCH45**	1050	3	1	M24 x 3,00	21,0 ·827	121,0 4·764	144,0 5·669	82,6 3·252	47,5 1·870	27,79 1·094	51,59 2·031	19,10 ·752	62,20 2·449	35000 7870	23200 5220	3400	2,2 4·8
50		**SCHB50**	**SCH50**																	
	1 11/16	**SCHB1 11/16**	**SCH1 11/16**																	
	1 3/4	**SCHB1 3/4**	**SCH1 3/4**																	
	1 7/8	**SCHB1 7/8**	**SCH1 7/8**																	
	1 15/16	**SCHB1 15/16**	**SCH1 15/16**																	
	2	**SCHB2**	**SCH2**																	
55		**SCHB55**	**SCH55**	1060	4	1 1/4	M42 x 4,50	29,0 1·142	146,5 5·768	175,0 6·890	101,6 4·000	58,5 2·303	30,94 1·218	65,07 2·562	25,45 1·002	75,34 2·966	52500 11800	35900 8070	2800	3,5 7·7
60		**SCHB60**	**SCH60**																	
	2 3/16	**SCHB2 3/16**	**SCH2 3/16**																	
	2 1/4	**SCHB2 1/4**	**SCH2 1/4**																	
	2 3/8	**SCHB2 3/8**	**SCH2 3/8**																	
	2 7/16	**SCHB2 7/16**	**SCH2 7/16**																	
	2 1/2	**SCHB2 1/2**	**SCH2 1/2**	1065	4/65	1 1/4	M42 x 4,50	29,0 1·142	146,5 5·768	175.0 6·890	101,6 4·000	58,5 2·303	30,94 1·218	65,07 2·562	25,45 1·002	75,34 2·966	57500 12930	40000 8990	2660	3,4 7·5
65		**SCHB65**	**SCH65**	1075	5	1 1/2	M48 x 5,00	32,0 1·260	165,0 6·496	200,6 7·898	117,5 4·626	70,0 2·756	34,94 1·376	77,77 3·062	33,37 1·314	92,00 3·622	66000 14840	49300 11080	2300	6,8 14·9
70		**SCHB70**	**SCH70**																	
75		**SCHB75**	**SCH75**																	
	2 11/16	**SCHB2 11/16**	**SCH2 11/16**																	
	2 3/4	**SCHB2 3/4**	**SCH2 3/4**																	
	2 7/8	**SCHB2 7/8**	**SCH2 7/8**																	
	2 15/16	**SCHB2 15/16**	**SCH2 15/16**																	
80		**SCHB80**	**SCH80**	1080	6	1 1/2	M48 x 5,00	32,00 1·260	174,5 6·870	211,5 8·327	123,8 4·874	71,5 2·815	41,29 1·626	82,55 3·250	33,37 1·314	98,50 3·878	72500 16300	53000 11910	2150	8,1 17·8
	3	**SCHB3**	**SCH3**																	
	3 3/16	**SCHB3 3/16**	**SCH3 3/16**																	

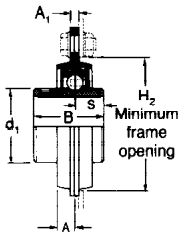
Please check availability

SLFE SERIES (ISO)

Housings of groups
6 to 10 inclusive
have four bolt holes

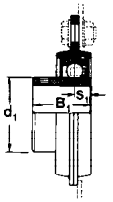


SLFE

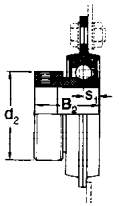


Note: these units are not re-greaseable.

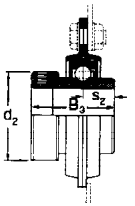
SLFE-A

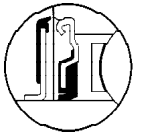


SLFE-EC



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.

Shaft diameter		RHP designation				Basic bearing insert	Housing group	Dimensions					
								H	H_2	J	N	A	A_1
mm	inches							mm inches					
12		SLFE12		SLFE12EC		1017	1	81,0	49,0	63,5	7,1	6,7	4,0
15		SLFE15		SLFE15EC				3·189	1·929	2·500	·280	·264	·157
16		SLFE16		SLFE16EC									
17		SLFE17		SLFE17EC									
	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	7,7	4,0
	3/4	SLFE3/4	SLFE3/4A	SLFE3/4EC	SLFE3/4DEC			3·563	2·165	2·815	·343	·303	·157
25		SLFE25	SLFE25A	SLFE25EC	SLFE25DEC	1025	3	95,2	60,0	76,0	8,7	8,7	4,0
	7/8	SLFE7/8		SLFE7/8EC	SLFE7/8DEC			3·748	2·362	2·992	·343	·343	·157
	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	9,0	5,0
	1 1/8	SLFE1 1/8		SLFE1 1/8EC	SLFE1 1/8DEC			4·437	2·795	3·563	·413	·354	·197
	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								
	1 1/4	SLFE1 1/4L	SLFE1 1/4AL	SLFE1 1/4ECL	SLFE1 1/4DECL	1035	5	122,2	81,0	100,0	10,5	10,0	5,0
35		SLFE35	SLFE35A	SLFE35EC	SLFE35DEC			4·811	3·189	3·937	·413	·394	·197
	1 3/8	SLFE1 3/8		SLFE1 3/8EC	SLFE1 3/8 DEC								
	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	10,0	7,0
	1 1/2	SLFE1 1/2	SLFE1 1/2A	SLFE1 1/2EC	SLFE1 1/2DEC			5·819	3·583	4·685	·531	·394	·276
45		SLFE45	SLFE45A	SLFE45EC	SLFE45DEC	1045	7	149,2	97,00	120,5	13,5	10,0	7,0
	1 5/8	SLFE1 5/8		SLFE1 5/8EC	SLFE1 5/8DEC			5·874	3·819	4·744	·531	·394	·276
	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	10,5	8,0
	1 7/8	SLFE1 7/8		SLFE1 7/8EC	SLFE1 7/8DEC			6·126	4·016	5·000	·531	·413	·315
	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	10,7	8,0
	2	SLFE2			SLFE2DEC			6·559	4·449	5·433	·531	·421	·315
	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	11,9	8,0
	2 1/4	SLFE2 1/4			SLFE2 1/4DEC			6·937	4·803	5·811	·531	·469	·315
	2 7/16	SLFE2 7/16			SLFE2 7/16DEC								

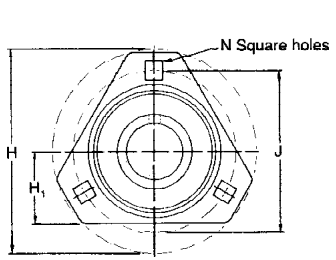
Please check availability

B	B_1	B_2	B_3	s	s_1	s_2	d_1	d_2	Max. radial housing load	Rec.max. speed	Mass (approx.)
mm inches									newtons lbf	rev/ min	kg lb
27,38	-	28,54	-	11,55	6,55	-	24,21	28,58	2670	3000	0,2
1·078	-	1·124	-	·455	·258	-	·953	1·125	600		0·5
30,96	25,77	30,92	43,62	12,75	7,56	17,12	28,50	33,30	3110	3000	0.3
1·219	1·015	1·217	1·717	·502	·298	·674	1·122	1·311	700		0·7
34,11	27,35	30,92	44,40	14,32	7,56	17,49	34,01	38,10	3560	2500	0,4
1·343	1·077	1·217	1·748	·564	·298	·689	1·339	1·500	800		0·9
38,10	31,21	35,68	48,42	15,93	9,04	18,32	40,00	44,45	4890	2500	0,7
1·500	1·229	1·405	1·906	·627	·356	·721	1·575	1·750	1100		1·5
42,88	34,90	38,88	51,18	17,53	9,55	18,89	46,69	55,58	6250	2000	0,9
1·688	1·374	1·531	2·015	·690	·376	·744	1·838	2·188	1400		2·0
49,23	41,18	43,64	56,34	19,10	11,05	21,46	52,70	60,30	7550	2000	1,5
1·938	1·621	1·718	2·218	·752	·435	·845	2·075	2·374	1700		3·3
49,23	41,18	43,64	56,34	19,10	11,05	21,46	57,30	63,50	7550	2000	1,6
1·938	1·621	1·718	2·218	·752	·435	·845	2·256	2·500	1700		3·5
51,59	43,54	43,64	62,70	19,10	11,05	24,65	62,20	69,85	8450	1500	1,8
2·031	1·714	1·718	2·469	·752	·435	·970	2·449	2·750	1900		4·0
55,55	-	-	71,44	22,28	-	27,82	68,81	76,20	10200	1500	2,2
2·187	-	-	2·813	·877	-	1·095	2·709	3·000	2300		4·8
65,07	-	-	77,82	25,45	-	31,02	75,34	84,12	11300	1500	2,5
2·562	-	-	3·064	1·002	-	1·221	2·966	3·312	2540		5·5

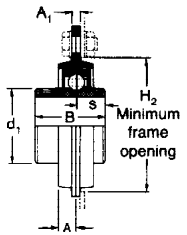
A modified version of these units is available if a Protector is to be fitted, see page 102 for details.

SLFT SERIES (ISO)

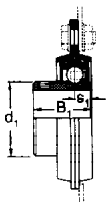
Note: these units are not re-greaseable.



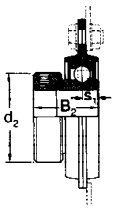
SLFT



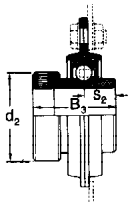
SLFT-A

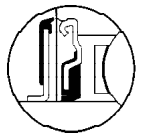


SLFT-EC



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.

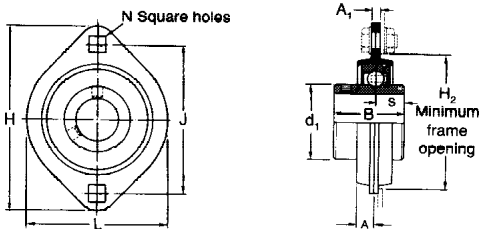
Shaft diameter		RHP designation				Basic bearing insert	Housing group	Dimensions H	H1	H2	J	N	A
mm	inches							mm inches					
25		**SLFT25**	**SLFT25A**	**SLFT25EC**	**SLFT25DEC**	1025	3	95,2	34,2	60,0	76,0	8,7	8,7
	7/8	**SLFT7/8**		**SLFT7/8EC**	**SLFT7/8DEC**			3·748	1·346	2·362	2·992	·343	·343
	15/16	**SLFT15/16**		**SLFT15/16EC**	**SLFT15/16DEC**								
	1	**SLFT1**	**SLFT1A**	**SLFT1EC**	**SLFT1DEC**								
30		**SLFT30**	**SLFT30A**	**SLFT30EC**	**SLFT30DEC**	1030	4	112,7	40,2	71,0	90,5	10,5	9,0
	1 1/8	**SLFT1 1/8**		**SLFT1 1/8EC**	**SLFT1 1/8DEC**			4·437	1·583	2·795	3·563	·413	·354
	1 3/16	**SLFT1 3/16**		**SLFT1 3/16EC**	**SLFT1 3/16DEC**								
	1 1/4	**SLFT1 1/4**	**SLFT1 1/4A**	**SLFT1 1/4EC**	**SLFT1 1/4DEC**								
	1 1/4	**SLFT1 1/4L**	**SLFT1 1/4AL**	**SLFT1 1/4ECL**	**SLFT1 1/4DECL**	1035	5	122,2	44,2	81,0	100,0	10,5	10,0
35		**SLFT35**	**SLFT35A**	**SLFT35EC**	**SLFT35DEC**			4·811	1·740	3·189	3·937	·413	·394
	1 3/8	**SLFT1 3/8**		**SLFT1 3/8EC**	**SLFT1 3/8 DEC**								
	1 7/16	**SLFT1 7/16**		**SLFT1 7/16EC**	**SLFT1 7/16DEC**								

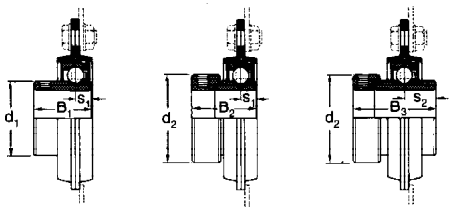
A1	B	B1	B2	B3	s	s1	s2	d1	d2	Max. radial housing load	Rec.max. speed	Mass (approx.)
mm inches										newtons lbf	rev/ min	kg lb
4,0	34,11	27,35	30,92	44,40	14,32	7,56	17,49	34,01	38,10	3560	2500	0,3
·157	1·343	1·077	1·217	1·748	·564	·298	·689	1·339	1·500	800		0·7
5,0	38,10	31,21	35,68	48,42	15,93	9,04	18,32	40,00	44,45	4890	2500	0,5
·197	1·500	1·229	1·405	1·906	·627	·356	·721	1·575	1·750	1100		1·1
5,0	42,88	34,90	38,88	51,18	17,53	9,55	18,89	46,69	55,58	6250	2000	0,7
·197	1·688	1·374	1·531	2·016	·690	·376	·744	1·838	2·188	1400		1·5

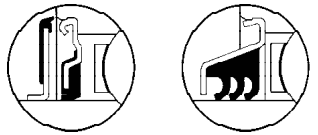
A modified version of these units is available if a Protector is to be fitted, see page 102 for details.

Pleasecheck availability

SLFL SERIES (ISO)







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.

Note: these units are not re-greaseable.

Shaft diameter		RHP designation				Basic bearing insert	Housing group	Dimensions L	H	H_2	J	N	A
mm	inches							mm inches					
12		SLFL12		SLFL12EC		1017	1	58,7	81,0	49,0	63,5	7,1	6,7
15		SLFL15		SLFL15EC				2·311	3·189	1·929	2·500	·280	·264
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	7,7
	3/4	SLFL3/4	SLFL3/4A	SLFL3/4EC	SLFL3/4DEC			2·626	3·563	2·165	2·815	·343	·303
25		SLFL25	SLFL25A	SLFL25EC	SLFL25DEC	1025	3	71,0	95,3	60,0	76,0	8,7	8,7
	7/8	SLFL7/8		SLFL7/8EC	SLFL7/8DEC			2·795	3·752	2·362	2·992	·343	·343
	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	9,0
	1 1/8	SLFL1 1/8		SLFL1 1/8EC	SLFL1 1/8DEC			3·311	4·437	2·795	3·563	·413	·354
	13/16	SLFL13/16		SLFL13/16EC	SLFL13/16DEC								
	1 1/4	SLFL1 1/4	SLFL1 1/4A	SLFL1 1/4EC	SLFL1 1/4DEC								
35		SLFL35	SLFL35A	SLFL35EC	SLFL35DEC	1035	5	93,8	122,8	81,0	100,0	11,0	10,0
	1 3/8	SLFL1 3/8		SLFL1 3/8EC	SLFL1 3/8DEC			3·693	4·835	3·189	3·937	·433	·394
	1 7/16	SLFL1 7/16		SLFL1 7/16EC	SLFL1 7/16DEC								
40		SLFL40	SLFL40A	SLFL40EC	SLFL40DEC	1040	6	100,0	148,0	90,0	119,0	13,9	10,4
	1 1/2	SLFL1 1/2	SLFL1 1/2A	SLFL1 1/2EC	SLFL1 1/2DEC			3·937	5·827	3·543	4·685	·547	·409

A_1	B	B_1	B_2	B_3	s	s_1	s_2	d_1	d_2	Max. radial housing load	Rec.max. speed	Mass (approx.)
mm inches										newtons lbf	rev/ min	kg lb
4,0	27,38	-	28,54	-	11,55	6,55	-	24,21	28,58	2670	3000	0,2
·157	1·078	-	1·124	-	·455	·258	-	·953	1·125	600		0·4
4,0	30,96	25,77	30,92	43,62	12,75	7,56	17,12	28,50	33,30	3110	3000	0,3
·157	1·219	1·015	1·217	1·717	·502	·298	·674	1·122	1·311	700		0·6
4,0	34,11	27,35	30,92	44,40	14,32	7,56	17,49	34,01	38,10	3560	2500	0,3
·157	1·343	1·077	1·217	1·748	·564	·298	·689	1·339	1·500	800		0·7
5,0	38,10	31,21	35,68	48,42	15,93	9,04	18,32	40,00	44,45	4890	2500	0,5
·197	1·500	1·229	1·405	1·906	·627	·356	·721	1·575	1·750	1100		1·2
5,0	42,88	34,90	38,88	51,18	17,53	9,55	18,89	46,69	55,58	6490	2000	0,65
·197	1·688	1·374	1·531	2·016	·690	·376	·744	1·838	2·188			
7,0	49,23	41,18	43,64	56,34	19,10	11,05	21,46	52,70	60,30	7490	1700	1,1
·276	1·938	1·621	1·718	2·218	·752	·435	·845	2·075	2·374			

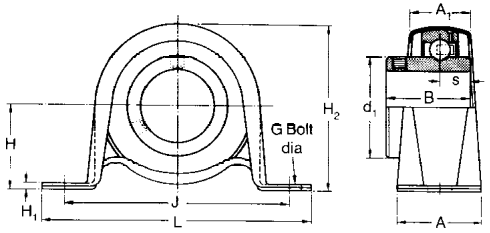
A modified version of these units is available if a Protector is to be fitted, see page 102 for details.

Please check availability

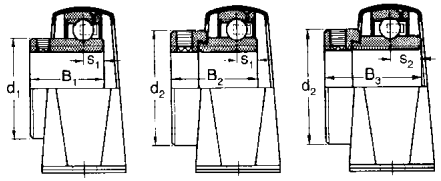
LPB SERIES (ISO)

Note: these units are not re-greaseable.

LPB



LPB-A **LPB-EC** **LPB-DEC**

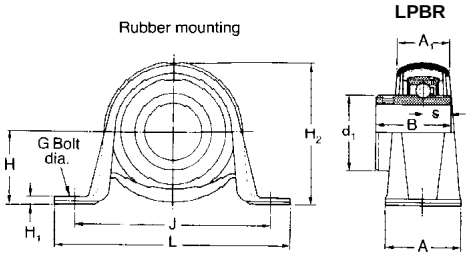


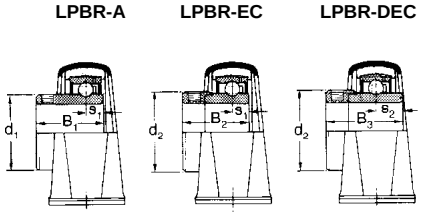
Shaft diameter		RHP designation				Basic bearing insert	Housing group	Dimensions					
								L	H	H1	H2	J	G
mm	inches							mm inches					
12		LPB12		LPB12EC		1017	1	85,7	22,2	2,4	43,2	68,0	8
15		LPB15		LPB15EC				3·374	·874	·094	1·701	2·677	5/16
16		LPB16		LPB16EC									
17		LPB17		LPB17EC									
	1/2	LPB1/2		LPB1/2EC									
	5/8	LPB5/8		LPB5/8EC									
20		LPB20	LPB20A	LPB20EC	LPB20DEC	1020	2	98,4	25,4	2,4	49,9	76,0	8
	3/4	LPB3/4	LPB3/4A	LPB3/4EC	LPB3/4DEC			3·874	1·000	·094	1·965	2·992	5/16
25		LPB25	LPB25A	LPB25EC	LPB25DEC	1025	3	108,0	28,6	2,8	55,8	86,0	10
	7/8	LPB7/8		LPB7/8EC	LPB7/8DEC			4·252	1·126	·110	2·197	3·386	3/8
	15/16	LPB15/16		LPB15/16EC	LPB15/16DEC								
	1	LPB1	LPB1A	LPB1EC	LPB1DEC								
30		LPB30	LPB30A	LPB30EC	LPB30DEC	1030	4	117,5	33,3	3,6	65,7	95,0	10
	1 1/8	LPB1 1/8		LPB1 1/8EC	LPB1 1/8DEC			4·626	1·311	·142	2·587	3·740	3/8
	13/16	LPB13/16		LPB13/16EC	LPB13/16DEC								
	1 1/4	LPB1 1/4	LPB1 1/4A	LPB1 1/4EC	LPB1 1/4DEC								
	1 1/4	LPB1 1/4L	LPB1 1/4AL	LPB1 1/4ECL	LPB1 1/4DECL	1035	5	128,6	39,7	4,4	77,5	106,0	10
35		LPB35	LPB35A	LPB35EC	LPB35DEC			5·063	1·563	·173	3·051	4·173	3/8
	1 3/8	LPB1 3/8		LPB1 3/8EC	LPB1 3/8DEC								
	1 7/16	LPB1 7/16		LPB1 7/16EC	LPB1 7/16DEC								

A	A1	B	B1	B2	B3	s	s1	s2	d1	d2	Max. radial downward radial load	Rec. max speed	Mass (approx.)
mm inches											newtons lbf	rev/ min	kg lb
25,4	15,9	27,38	-	28,54	-	11,55	6,55	-	24,21	28,58	1330	3000	0,2
1·000	·626	1·078	-	1·124	-	·455	·258	-	·953	1·125	300		0·4
31,7	21,6	30,96	25,77	30,92	43,62	12,75	7,56	17,12	28,50	33,30	1570	3000	0,2
1·248	·850	1·219	1·015	1·217	1·717	·502	·298	·674	1·122	1·311	350		0·5
31,7	21,6	34,11	27,35	30,92	44,40	14,32	7,56	17,49	34,01	38,10	1780	2500	0,3
1·248	·850	1·343	1·077	1·217	1·748	·564	·298	·689	1·339	1·500	400		0·7
37,5	25,5	38,10	31,21	35,68	48,42	15,93	9,04	18,32	40,00	44,45	2670	2500	0,5
1·476	1·004	1·500	1·229	1·405	1·906	·627	·356	·721	1·575	1·750	600		1·1
41,0	28,4	42,88	34,90	38,88	51,18	17,53	9,55	18,89	46,69	55,58	3560	2000	0,9
1·614	1·118	1·688	1·374	1·531	2·015	·690	·376	·744	1·838	2·188	800		1·9

Please check availability

LPBR SERIES





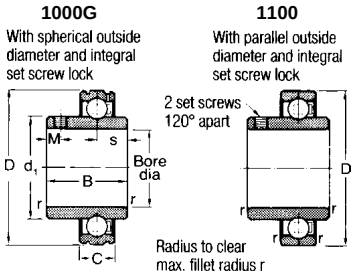
Note: these units are not re-greaseable.

Shaft diameter		RHP designation				Basic bearing insert	Housing group	Dimensions					
								L	H	H1	H2	J	G
mm	inches							mm inches					
12		LPBR12		LPBR12EC		1017	2	98,4	25,4	2,4	49,9	76,0	8
15		LPBR15		LPBR15EC				3·874	1·000	·094	1·965	2·992	5/16
16		LPBR16		LPBR16EC									
17		LPBR17		LPBR17EC									
	1/2	LPBR1/2		LPBR1/2EC									
	5/8	LPBR5/8		LPBR5/8EC									
20		LPBR20	LPBR20A	LPBR20EC	LPBR20DEC	1020	3	108,0	28,6	2,8	55,8	86,0	10
	3/4	LPBR3/4	LPBR3/4A	LPBR3/4EC	LPBR3/4DEC			4·252	1·126	·110	2·197	3·386	3/8
25		LPBR25	LPBR25A	LPBR25EC	LPBR25DEC	1025	4	117,5	33,3	3,6	65,7	95,0	10
	7/8	LPBR7/8		LPBR7/8EC	LPBR7/8DEC			4·626	1·311	·142	2·587	3·740	3/8
	15/16	LPBR15/16		LPBR15/16EC	LPBR15/16DEC								
	1	LPBR1	LPBR1A	LPBR1EC	LPBR1DEC								
30		LPBR30	LPBR30A	LPBR30EC	LPBR30DEC	1030	5	128,6	39,7	4,4	77,5	106,0	10
	1 1/8	LPBR1 1/8		LPBR1 1/8EC	LPBR1 1/8DEC			5·063	1·563	·173	3·051	4·173	3/8
	1 3/16	LPBR1 3/16		LPBR1 3/16EC	LPBR1 3/16DEC								
	1 1/4	LPBR1 1/4	LPBR1 1/4A	LPBR1 1/4EC	LPBR1 1/4DEC								

A	A1	B	B1	B2	B3	s	s1	s2	d1	d2	Max. downward radial load	Rec. max. speed	Mass (approx.)
mm inches											newtons lbf	rev/ min	kg lb
31,7	21,6	27,38	-	28,54	-	11,55	6,55	-	24,21	28,58	890	3000	0,2
1·248	·850	1·078	-	1·124	-	·455	·258	-	·953	1·125	200		0·5
31,7	21,6	30,96	25,77	30,92	43,62	12,75	7,56	17,12	28,50	33,30	1110	3000	0,3
1·248	·850	1·219	1·015	1·217	1·717	·502	·298	·674	1·122	1·311	250		0·7
37,5	25,5	34,11	27,35	30,92	44,40	14,32	7,56	17,49	34,01	38,10	1330	2500	0,5
1·476	1·004	1·343	1·077	1·217	1·748	·564	·298	·689	1·339	1·500	300		1·1
41,0	28,4	38,10	31,21	35,68	48,42	15,93	9,04	18,32	40,00	44,45	1560	2500	0,9
1·614	1·118	1·500	1·229	1·405	1·906	·627	·356	·721	1·575	1·750	350		1,9

Please check availability

1000G AND 1100 SERIES (ISO)



Shaft diameter		RHP designation 1000G series	1100 series	Dimensions D	C	B	s	d1	M	r	ISO load ratings dynamic* Cr	static Cor	Rec. max. speed	Mass (approx.)
mm	inches			mm inches							newtons lbf	newtons lbf	rev/ min	kg lb
12		1017-12G	1117-12	40,000	12,00	27,38	11,55	24,21	5,35	0,60	9550	4760	7000	0,09
15		1017-15G	1117-15	1·5748	·472	1·078	·455	·953	·211	·024	2150	1070		·20
16		1017-16G	1117-16											
17		1017-17G	1117-17											
	1/2	1017-1/2G	1117-1/2											
	5/8	1017-5/8G	1117-5/8											
20		1020-20G	1120-20	47,000	14,00	30,96	12,75	28,50	5,00	1,00	12800	6580	6700	0,13
	3/4	1020-3/4G	1120-3/4	1·8504	·551	1·219	·502	1·122	·197	·039	2880	1480		·28
25		1025-25G	1125-25	52,000	15,00	34,11	14,32	34,01	5,35	1,00	14000	7880	6250	0,17
	7/8	1025-7/8G	1125-7/8	2·0472	·591	1·343	·564	1·339	·211	·039	3150	1770		·38
	15/16	1025-15/16G	1125-15/16											
	1	1025-1G	1125-1											
25		1030-25G	1130-25	62,000	16,00	38,10	15,93	40,00	5,85	1,00	19500	11300	5300	0,37
30		1030-30G	1130-30	2·4409	·630	1·500	·627	1·575	·230	·039	4380	2540		·81
	1	1030-1G	1130-1											
	1 1/8	1030-1 1/8G	1130-1 1/8											
	1 3/16	1030-1 3/16G	1130-1 3/16											
	1 1/4	1030-1 1/4G	1130-1 1/4											
30		1035-30G	1135-30	72,000	17,00	42,88	17,53	46,69	7,35	1,00	25700	15300	4500	0,51
35		1035-35G	1135-35	2·8346	·669	1·688	·690	1·838	·289	·039	5780	3440		1·12
	1 3/16	1035-1 3/16G	1135-1 3/16											
	1 1/4	1035-1 1/4G	1135-1 1/4											
	1 5/16	1035-1 5/16G	1135-1 5/16											
	1 3/8	1035-1 3/8G	1135-1 3/8											
	1 7/16	1035-1 7/16G	1135-1 7/16											
35		1040-35G	1140-35	80,000	18,00	49,23	19,10	52,70	7,95	1,00	29100	17900	4000	0,64
40		1040-40G	1140-40	3·1496	·709	1·938	·752	2·075	·313	·039	6540	4020		1·41
	1 3/8	1040-1 3/8G	1140-1 3/8											
	1 7/16	1040-1 7/16G	1140-1 7/16											
	1 1/2	1040-1 1/2G	1140-1 1/2											
40		1045-40G	1145-40	85,000	19,00	49,23	19,10	57,30	7,95	1,00	32500	20500	3700	0,73
45		1045-45G	1145-45	3·3465	·748	1·938	·752	2·256	·313	·039	7310	4610		1·62
	1 1/2	1045-1 1/2G	1145-1 1/2											
	1 5/8	1045-1 5/8G	1145-1 5/8											
	1 11/16	1045-1 11/16G	1145-1 11/16											
	1 3/4	1045-1 3/4G	1145-1 3/4											
45		1050-45G	1150-45	90,000	20,00	51,59	19,10	62,20	8,95	1,00	35000	23200	3400	0,91
50		1050-50G	1150-50	3·5433	·787	2·031	·752	2·449	·352	·039	7870	5220		2·00
	1 11/16	1050-1 11/16G	1150-1 11/16											
	1 3/4	1050-1 3/4G	1150-1 3/4											
	1 7/8	1050-1 7/8G	1150-1 7/8											
	1 15/16	1050-1 15/16G	1150-1 15/16											
	2	1050-2G	1150-2											
50		1055-50G	1155-50	100,000	21,00	55,55	22,28	68,81	9,55	1,50	43500	29200	3100	1,12
55		1055-55G	1155-55	3·9370	·827	2·187	·877	2·709	·376	·059	9780	6560		2·47
	1 7/8	1055-1 7/8G	1155-1 7/8											
	1 15/16	1055-1 15/16G	1155-1 15/16											
	2	1055-2G	1155-2											
	2 1/8	1055-2 1/8G	1155-2 1/8											
	2 3/16	1055-2 3/16G	1155-2 3/16											

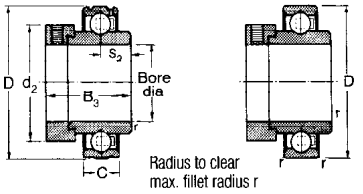
Please check availability

Shaft diameter		RHP designation 1000G series	1100 series	Dimensions D	C	B	s	d1	M	r	ISO load ratings dynamic Cr	static Cor	Rec. max. speed	Mass (approx.)
mm	inches			mm inches							newtons lbf	newtons lbf	rev/ min	kg lb
55		1060-55G	1160-55	110,000	22,00	65,07	25,45	75,34	9,55	1,50	52500	35900	2800	1,47
60		1060-60G	1160-60	4·3307	·866	2·562	1·002	2·966	·376	·059	11800	8070		3·25
	2 3/16	1060-2 3/16G	1160-2 3/16											
	2 1/4	1060-2 1/4G	1160-2 1/4											
	2 3/8	1060-2 3/8G	1160-2 3/8											
	2 7/16	1060-2 7/16G	1160-2 7/16											
60		1065-60G	1165-60	120,000	23,00	65,07	25,45	82,40	9,55	1,50	57500	40000	2600	2,02
65		1065-65G	1165-65	4·7244	·906	2·562	1·002	3·244	·376	·059	12930	8990		4·45
	2 1/2	1065-2 1/2G	1165-2 1/2											
60		1070-60G	1170-60	125,000	24,00	74,63	30,23	87,00	12,15	1,50	62000	44000	2450	2,27
65		1070-65G	1170-65	4·9213	·945	2·938	1·190	3·425	·478	·059	13940	9890		5·00
70		1070-70G	1170-70											
	2 7/16	1070-2 7/16G	1170-2 7/16											
	2 1/2	1070-2 1/2G	1170-2 1/2											
	2 5/8	1070-2 5/8G	1170-2 5/8											
	2 11/16	1070-2 11/16G	1170-2 11/16											
65		1075-65G	1175-65	130,000	25,00	77,77	33,37	92,00	12,75	1,50	66000	49300	2300	2,61
70		1075-70G	1175-70	5·1181	·984	3·062	1·314	3·622	·502	·059	14840	11080		5·75
75		1075-75G	1175-75											
	2 11/16	1075-2 11/16G	1175-2 11/16											
	2 3/4	1075-2 3/4G	1175-2 3/4											
	2 7/8	1075-2 7/8G	1175-2 7/8											
	2 15/16	1075-2 15/16G	1175-2 15/16											
	3	1075-3G	1175-3											
75		1080-75G	1180-75	140,000	26,00	82,55	33,37	98,50	11,15	2,00	72500	53000	2150	3,23
80		1080-80G	1180-80	5·5118	1·024	3·250	1·314	3·878	·439	·079	16300	11910		7·12
	2 15/16	1080-2 15/16G	1180-2 15/16											
	3	1080-3G	1180-3											
	3 3/16	1080-3 3/16G	1180-3 3/16											
	3 1/4	1080-3 1/4G	1180-3 1/4											
80		1085-80G	1185-80	150,000	28,00	85,72	34,18	106,02	11,95	2,00	83500	63800	2000	3,74
85		1085-85G	1185-85	5·9055	1·102	3·375	1·346	4·174	·470	·079	18770	14340		8·25
	3 3/16	1085-3 3/16G	1185-3 3/16											
	3 1/4	1085-3 1/4G	1185-3 1/4											
	3 3/8	1085-3 3/8G	1185-3 3/8											
	3 7/16	1085-3 7/16G	1185-3 7/16											
85		1090-85G	1190-85	160,000	30,00	96,04	39,73	111,66	11,95	2,00	96000	71500	1900	4,99
90		1090-90G	1190-90	6·2992	1·181	3·781	1·564	4·396	·470	·079	21580	16070		11·00
	3 7/16	1090-3 7/16G	1190-3 7/16											
	3 1/2	1090-3 1/2G	1190-3 1/2											
95		3095-95G		200,000	45,00	117,48	49,27	130,43	19,05	2,50	143000	110000	1600	9,53
100		3095-100G		7·8740	1·772	4·625	1·940	5·135	·750	·098	32150	24730		21·00
	3 15/16	3095-3 15/16G												
	4	3095-4G												

1000DECG AND **1100DEC** SERIES (ISO)

1000DECG
With spherical outside diameter and eccentric collar lock

1100DEC
With parallel outside diameter and eccentric collar lock



Shaft diameter		RHP designation 1000DECG series	1100DEC series	Dimensions D	C	B3	s2	d2	r	ISO load ratings dynamic Cr	static Cor	Rec. max. speed	Mass (approx.)
mm	inches			mm inches						newtons lbf	newtons lbf	rev/ min	kg lb
20		1020-20DECG	1120-20DEC	47,000	14,00	43,62	17,12	33,30	1,00	12800	6580	7450	0,20
	3/4	1020-3/4DECG	1120-3/4DEC	1·8504	·551	1·717	·674	1·311	·039	2880	1480		·44
25		1025-25DECG	1125-25DEC	52,000	15,00	44,40	17·49	38,10	1,00	14000	7880	6250	0,26
	7/8	1025-7/8DECG	1125-7/8DEC	2·0472	·591	1·748	·689	1·500	·039	3150	1770		·57
	15/16	1025-15/16DECG	1125-15/16DEC										
	1	1025-1DECG	1125-1DEC										
30		1030-30DECG	1130-30DEC	62,000	16,00	48,42	18,32	44,45	1,00	19500	11300	5300	0,53
	1 1/8	1030-1 1/8DECG	1130-1 1/8DEC	2,4409	·630	1·906	·721	1·750	·039	4380	2540		1·17
	1 3/16	1030-1 3/16DECG	1130-1 3/16DEC										
	1 1/4	1030-1 1/4DECG	1130-1 1/4DEC										
35		1035-35DECG	1135-35DEC	72,000	17,00	51,18	18,89	55,58	1,00	25700	15300	4500	0,70
	1 1/4	1035-1 1/4DECG	1135-1 1/4DEC	2·8346	·669	2·015	·744	2·188	·039	5780	3440		1·54
	1 3/8	1035-1 3/8DECG	1135-1 3/8DEC										
	1 7/16	1035-1 7/16DECG	1135-1 7/16DEC										
40		1040-40DECG	1140-40DEC	80,000	18,00	56,34	21,46	60,30	1,00	29100	17900	4000	0,82
	1 1/2	1040-1 1/2DECG	1140-1 1/2DEC	3·1496	·709	2·218	·845	2·374	·039	6540	4020		1·81
45		1045-45DECG	1145-45DEC	85,000	19,00	56,34	21,46	63,50	1,00	32500	20500	3700	1,08
	1 5/8	1045-1 5/8DECG	1145-1 5/8DEC	3·3465	·748	2·218	·845	2·500	·039	7310	4610		2·38
	1 11/16	1045-1 11/16DECG	1145-1 11/16DEC										
	1 3/4	1045-1 3/4DECG	1145-1 3/4DEC										
50		1050-50DECG	1150-50DEC	90,000	20,00	62,70	24.65	69,85	1,00	35000	23200	3400	1,19
	1 7/8	1050-1 7/8DECG	1150-1 7/8DEC	3·5433	·787	2·469	·970	2·750	·039	7870	5220		2·62
	1 15/16	1050-1 15/16DECG	1150-1 15/16DEC										
55		1055-55DECG	1155-55DEC	100,000	21,00	71,44	27,82	76,20	1,50	43500	29200	3100	1,40
	2	1055-2DECG	1155-2DEC	3·9370	·827	2·813	1·095	3·000	·059	9780	6560		3·09
	2 1/8	1055-2 1/8DECG	1155-2 1/8DEC										
	2 3/16	1055-2 3/16DECG	1155-2 3/16DEC										
60		1060-60DECG	1160-60DEC	110,000	22,00	77,82	31,02	84,12	1,50	52500	35900	2800	1,72
	2 1/4	1060-2 1/4DECG	1160-2 1/4DEC	4·3307	·866	3·064	1·221	3·312	·059	11800	8070		3·79
	2 3/8	1060-2 3/8DECG	1160-2 3/8DEC										
	2 7/16	1060-2 7/16DECG	1160-2 7/16DEC										
	2 1/2	1065-2 1/2DECG	1165-2 1/2DEC	120,000	23,00	77,82	31,02	87,33	1,50	57500	40000	2600	2,21
				4·7244	·906	3·064	1·221	3·438	·059	12930	8990		4·87
65		1070-65DECG	1170-65DEC	125,000	24,00	85,36	34,19	96,82	1,50	62000	44000	2450	2,56
70		1070-70DECG	1170-70DEC	4·9213	·945	3·361	1·346	3·812	·059	13940	9890		5·64
	2 1/2	1070-2 1/2DECG	1170-2 1/2DEC										
	2 5/8	1070-2 5/8DECG	1170-2 5/8DEC										
	2 11/16	1070-2 11/16DECG	1170-2 11/16DEC										
65		1075-65DECG	1175-65DEC	130,000	25,00	91,72	37,37	101,60	1,50	66000	49300	2300	2,94
70		1075-70DECG	1175-70DEC	5·1181	·984	3·611	1·471	4·000	·059	14840	11080		6·48
75		1075-75DECG	1175-75DEC										
	2 11/16	1075-2 11/16DECG	1175-2 11/16DEC										
	2 3/4	1075-2 3/4DECG	1175-2 3/4DEC										
	2 7/8	1075-2 7/8DECG	1175-2 7/8DEC										
	2 15/16	1075-2 15/16DECG	1175-2 15/16DEC										

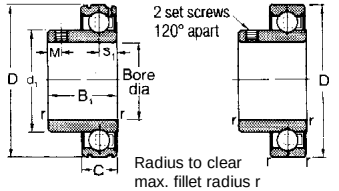
Please check availability

RHP bearings

1200G AND **1300** SERIES

1200G
With spherical outside diameter and integral set screw lock

1300
With parallel outside diameter and integral set screw lock

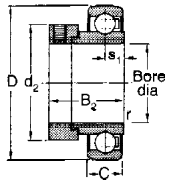


Shaft diameter		RHP designation 1200G series	1300 series	Dimensions D	C	B1	s1	d1	M	r	ISO load ratings dynamic Cr	static Cor	Rec. max. speed	Mass (approx.)
mm	inches			mm inches							newtons lbf	newtons lbf	rev/ min	kg lb
20		1220-20G	1320-20	47,000	14,00	25,77	7,56	28,50	5,35	1,00	12800	6580	7450	0,10
	3/4	1220-3/4G	1320-3/4	1·8504	·551	1·015	·298	1·122	·211	·039	2880	1480		·22
25		1225-25G	1325-25	52,000	15,00	27,35	7,56	34,01	5,35	1,00	14000	7880	6250	0,13
	1	1225-1G	1325-1	2·0472	·591	1·077	·298	1·339	·211	·039	3150	1770		·29
30		1230-30G	1330-30	62,000	16,00	31,21	9,04	40,00	5,85	1,00	19500	11300	5300	0,32
	1 1/4	1230-1 1/4G	1330-1 1/4	2·4409	·630	1·229	·356	1·575	·230	·039	4380	2540		·71
35		1235-35G	1335-35	72,000	17,00	34,90	9,55	46,69	7,35	1,00	25700	15300	4500	0,43
	1 1/4	1235-1 1/4G	1335-1 1/4	2·8346	·669	1·374	·376	1·838	·289	·039	5780	3440		·95
40		1240-40G	1340-40	80,000	18,00	41,18	11,05	52,70	7,95	1,00	29100	17900	4000	0,54
	1 1/2	1240-1 1/2G	1340-1 1/2	3·1496	·709	1·621	·435	2·075	·313	·039	6540	4020		1·19
45		1245-45G	1345-45	85,000	19,00	41,18	11,05	57,30	7,95	1,00	32500	20500	3700	0,61
	1 3/4	1245-1 3/4G	1345-1 3/4	3·3465	·748	1·621	·435	2·256	·313	·039	7310	4610		1·34
50		1250-50G	1350-50	90,000	20,00	43,54	11,05	62,20	8,95	1,00	35000	23200	3400	0,76
				3·5433	·787	1·714	·435	2·449	·352	·039	7870	5220		1·68

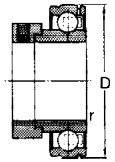
Please check availability.

1200EC AND **1200ECG** SERIES (ISO)
1300EC SERIES

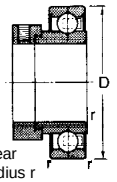
1200EC
With spherical outside diameter, non re-greaseable outer ring and eccentric collar lock



1200ECG
With spherical outside diameter, re-greaseable outer ring and eccentric collar lock.



1300EC
With parallel outside diameter and eccentric collar lock



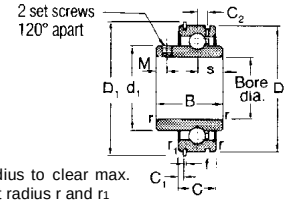
Radius to clear max. fillet radius r

Shaft diameter		RHP designation 1200EC series	1200ECG series	1300EC series	Dimensions D	C	B2	s1	d2	r	ISO load ratings dynamic Cr	static Cor	Rec. max. speed	Mass (approx.)
mm	inches				mm inches						newtons lbf	newtons lbf	rev/ min	kg lb
12		**1217-12EC**	**1217-12ECG**	**1317-12EC**	40,000	12,00	28,54	6,55	28,58	0,60	9550	4760	7000	0,15
15		**1217-15EC**	**1217-15ECG**	**1317-15EC**	1·5748	·472	1·124	·258	1·125	·024	2150	1070		·33
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	30,92	7,56	33,30	1,00	12800	6580	6700	0,16
	3/4	**1220-3/4EC**	**1220-3/4ECG**	**1320-3/4EC**	1·8504	·551	1·217	·298	1·311	·039	2880	1480		·35
25		**1225-25EC**	**1225-25ECG**	**1325-25EC**	52,000	15,00	30,92	7,56	38,10	1,00	14000	7880	6250	0,23
	7/8	**1225-7/8EC**	**1225-7/8ECG**	**1325-7/8EC**	2·0472	·591	1·217	·298	1·500	·039	3150	1770		5·1
	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	35,68	9,04	44,45	1,00	19500	11300	5300	0,40
	1 1/8	**1230-1 1/8EC**	**1230-1 1/8ECG**	**1330-1 1/8EC**	2·4409	·630	1·405	·356	1·750	·039	4380	2540		·88
	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	38,88	9,55	55,58	1,00	25700	15300	4500	0,58
	1 1/4	**1235-1 1/4EC**	**1235-1 1/4ECG**	**1335-1 1/4EC**	2·8346	·669	1·531	·376	2·188	·039	5780	3440		1·28
	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	43,64	11,05	60,30	1,00	29100	17900	4000	0,73
	1 1/2	**1240-1 1/2EC**	**1240-1 1/2ECG**	**1340-1 1/2EC**	3·1496	·709	1·718	·435	2·374	·039	6540	4020		1·61
45		**1245-45EC**	**1245-45ECG**	**1345-45EC**	85,000	19,00	43,64	11,05	63,50	1,00	32500	20500	3700	0,87
	1 5/8	**1245-1 5/8EC**	**1245-1 5/8ECG**	**1345-1 5/8EC**	3·3465	·748	1·718	·435	2·500	·039	7310	4610		1·92
	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	43,64	11,05	69,84	1,00	35000	23200	3400	0,98
	1 7/8	**1250-1 7/8EC**	**1250-1 7/8ECG**	**1350-1 7/8EC**	3·5433	·787	1·718	·435	2·750	·039	7870	5220		2·16
	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.

1100CG SERIES

1100CG
With parallel outside diameter and integral set screw lock



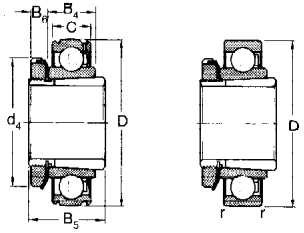
Radius to clear max. fillet radius r and r1

Shaft diameter		RHP designation 1100CG series	Dimensions D	D1	C	C1	C2	B	s	d1	f	M	r	r1	ISO load ratings dynamic Cr	static Cor	Rec. max. speed	Mass (approx.)
mm	inches		mm inches												newtons lbf	newtons lbf	rev/ min	kg lb
20		**1120-20CG**	47,000	52,68	15,88	2,39	4,17	30,96	12,75	28,50	1,12	5,35	1,00	0,50	12800	6580	6700	0,23
	3/4	**1120-3/4CG**	1·8504	2·074	·625	·094	·164	1·219	·502	1·122	·044	·211	·039	·020	2880	1480		·50
25		**1125-25CG**	52,000	57,81	19,05	2,39	4,39	34,11	14,32	34,01	1,12	5,35	1,00	0,50	14000	7880	6250	0,31
	7/8	**1125-7/8CG**	2·0472	2·276	·750	·094	·173	1·343	·564	1·339	·044	·211	·039	·020	3150	1770		·68
	15/16	**1125-15/16CG**																
	1	**1125-1CG**																
30		**1130-30CG**	62,000	67,69	22,22	3,18	5,10	38,10	15,93	40,00	1,70	5,85	1,00	0,50	19500	11300	5300	0,42
	1 1/8	**1130-1 1/8CG**	2·4409	2·665	·875	·125	·201	1·500	·627	1·575	·067	·230	·039	·020	4380	2540		·93
	1 3/16	**1130-1 3/16CG**																
35		**1135-35CG**	72,000	78,51	23,81	3,18	5,61	42,88	17,53	46,69	1,70	7,35	1,00	1,00	25700	15300	4500	0,61
	1 1/4	**1135-1 1/4CG**	2·8346	3·091	·937	·125	·221	1·688	·690	1·838	·067	·289	·039	·039	5780	3440		1·35
	1 3/8	**1135-1 3/8CG**																
	1 7/16	**1135-1 7/16CG**																
40		**1140-40CG**	80,000	86,51	27,78	3,18	6,22	49,23	19,10	52,70	1,70	7,95	1,00	1,00	29100	17900	4000	0,91
	1 1/2	**1140-1 1/2CG**	3·1496	3·406	1·094	·125	·245	1·938	·752	2·075	·067	·313	·039	·039	6540	4020		2·00
45		**1145-45CG**	85,000	91,51	27,78	3,18	6,52	49,23	19,10	57,30	1,70	7,95	1,00	1,00	32500	20500	3700	1,05
	1 5/8	**1145-1 5/8CG**	3·3465	3·603	1·094	·125	·257	1·938	·752	2·256	·067	·313	·039	·039	7310	4610		2·31
	1 11/16	**1145-1 11/16CG**																
	1 3/4	**1145-1 3/4CG**																
	1 7/8	**1150-1 7/8CG**	90,000	96,49	28,58	3,18	6,72	51,59	19,10	62,20	2,46	8,95	1,00	1,00	35000	23200	3400	1,10
	1 15/16	**1150-1 15/16CG**	3·5433	3·799	1·125	·125	·265	2·031	·752	2·449	·097	·352	·039	·039	7870	5220		2·43

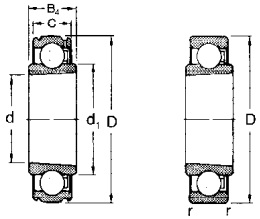
Please check availability.

1000-KG AND **1100-K** SERIES

1000-KG **1100-K**



1000KG **1100K**



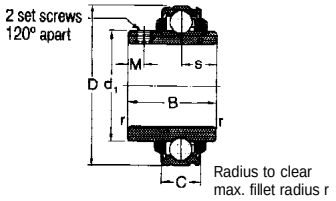
Bore taper 1:12 on diameter

Shaft diameter		RHP designation 1000-KG series	1100-K series	sleeve,nut & lockwasher assembly only	bearing insert without sleeve, nut & lockwasher 1000KG series	1100K series	Dimensions D	C	B4	B5	B6	d	d1	d4	r	ISO load ratings dynamic Cr	static Cor	Rec. max. speed	Mass (approx.)
mm	inches						mm inches						mm inches			newtons lbf	newtons lbf	rev/ min	kg lb
20		**1025-20KG**	**1125-20K**	**H305**	**1025KG**	**1125K**	52,000	15,00	19,00	29,00	8,00	25,000	34,01	38,00	1,00	14000	7880	6250	0,20
	3/4	**1025-3/4KG**	**1125-3/4K**	**HE305-3/4**			2·0472	·591	·748	1·142	·315	·9843	1·339	1·496	·039	3150	1770		0·44
25		**1030-25KG**	**1130-25K**	**H306**	**1030KG**	**1130K**	62,000	16,00	20,00	31,00	8,00	30,000	40,000	45,00	1,00	19500	11300	5300	0,30
	15/16	**1030-15/16KG**	**1130-15/16K**	**HE306-15/16**			2·4409	·630	·787	1·220	·315	1·1811	1·575	1·772	·039	4380	2540		0·67
	1	**1030-1KG**	**1130-1K**	**HE306-1**															
30		**1035-30KG**	**1135-30K**	**H307**	**1035KG**	**1135K**	72,000	17,00	21,00	35,00	9,00	35,000	46,69	52,00	1,00	25700	15300	4500	0,42
	1 1/8	**1035-1 1/8KG**	**1135-1 1/8K**	**HE307-1 1/8**			2·8346	·669	·827	1·378	·354	1·3780	1·838	2·047	·039	5780	3440		0·92
	1 3/16	**1035-1 3/16KG**	**1135-1 3/16K**	**HE307-1 3/16**															
35		**1040-35KG**	**1140-35K**	**H308**	**1040KG**	**1140K**	80,000	18,00	22,00	36,00	10,00	40,000	52,70	58,00	1,00	29100	17900	4000	0,54
	1 1/4	**1040-1 1/4KG**	**1140-1 1/4K**	**HE308-1 1/4**			3·1496	·709	·866	1·417	·394	1·5748	2·075	2·283	·039	6540	4020		1·19
	1 3/8	**1040-1 3/8KG**	**1140-1 3/8 K**	**HE308-1 3/8**															
40		**1045-40KG**	**1145-40K**	**H309**	**1045KG**	**1145K**	85,000	19,00	23,00	39,00	11,00	45,000	57,30	65,00	1,00	32500	20500	3700	0,64
	1 7/16	**1045-1 7/16KG**	**1145-1 7/16K**	**HE309-1 7/16**			3·3465	·748	·906	1·535	·433	1·7717	2·256	2·559	·039	7310	4610		1·42
	1 1/2	**1045-1 1/2KG**	**1145-1 1/2K**	**HE309-1 1/2**									62,20	70,00	1,00	35000	23200	3400	0,75
45		**1050-45kG**	**1150-45K**	**H310**	**1050KG**	**1150K**	90,000	20,00	24,00	42,00	12,00	50,000	2·449	2·756	0·39	7870	5220		1·65
	1 11/16	**1050-1 11/16KG**	**1150-1 11/16K**	**HE310-1 11/16**			3·5433	·787	·945	1·654	·472	1·9685							
	1 3/4	**1050-1 3/4KG**	**1150-1 3/4K**	**HE310-1 3/4**									68,81	75,00	1,50	43500	29200	3100	0,95
50		**1055-50KG**	**1155-50K**	**H311**	**1055KG**	**1155K**	100,000	21,00	25,00	45,00	12,00	55,000	2·709	2·953	·059	9780	6560		2·10
	1 15/16	**1055-1 15/16KG**	**1155-1 15/16K**	**HE311-1 15/16**			3·9370	·827	·984	1·772	·472	2·1654							
	2	**1055-2KG**	**1155-2K**	**HE311-2**															

Please check availability.

T1000G SERIES

T1000G
With spherical outside diameter and integral set screw lock



Radius to clear max. fillet radius r

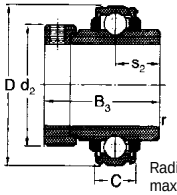
Shaft diameter		RHP designation	Dimensions							ISO load ratings		Rec. max. speed	Mass (approx.)
			D	C	B	s	d_1	M	r	dynamic C_r	static C_{or}		
mm	inches		mm inches							newtons lbf	newtons lbf	rev/ min	kg lb
25		T1025-25G	52,000	15,00	34,11	14,32	34,01	5,35	1,00	14000	7880	1000	0,17
	7/8	T1025-7/8G	2·0472	·591	1·343	·564	1·339	·211	·039	3150	1770		·38
	15/16	T1025-15/16G											
	1	T1025-1G											
25		T1030-25G	62,000	18,00	38,10	15,93	40,00	5,85	1,0	19500	11300	850	0,37
30		T1030-30G	2·4409	·709	1·500	·627	1·575	·230	·039	4380	2540		·81
	7/8	T1030-7/8G											
	1	T1030-1G											
	1 1/8	T1030-1 1/8G											
	1 3/16	T1030-1 3/16G											
	1 1/4	T1030-1 1/4G											
30		T1035-30G	72,000	19,00	42,88	17,53	46,69	7,35	1,00	25700	15300	750	0,51
35		T1035-35G	2·8346	·748	1·688	·690	1·838	·289	·039	5780	3440		1·12
	1 3/16	T1035-1 3/16G											
	1 1/4	T1035-1 1/4G											
	1 3/8	T1035-1 3/8G											
	1 7/16	T1035-1 7/16											
35		T1040-35G	80,000	21,00	49,23	19,10	52,70	7,95	1,00	29100	17900	650	0,64
40		T1040-40G	3·1496	·827	1·938	·752	2·075	·313	·039	6540	4020		1·41
	1 3/8	T1040-1 3/8G											
	1 7/16	T1040-1 7/16G											
	1 1/2	T1040-1 1/2G											
40		T1045-40G	85,000	22,00	49,23	19,10	57,30	7,95	1,00	32500	20500	600	0,73
45		T1045-45G	3·3465	·866	1·938	·752	2·256	·313	·039	7310	4610		1·62
	1 1/2	T1045-1 1/2G											
	1 5/8	T1045-1 5/8G											
	1 11/16	T1045-1 11/16G											
	1 3/4	T1045-1 3/4G											
45		T1050-45G	90,000	23,00	51,59	19,10	62,20	8,95	1,00	35000	23200	550	0,91
50		T1050-50G	3·5433	·906	2·031	·752	2·449	·352	·039	7870	5220		2·00
	1 11/16	T1050-1 11/16G											
	1 3/4	T1050-1 3/4G											
	1 7/8	T1050-1 7/8G											
	1 15/16	T1050-1 15/16G											
	2	T1050-2G											
50		T1055-50G	100,000	25,00	55,55	22,28	68,81	9,55	1,50	43500	29200	500	1,12
55		T1055-55G	3·9370	·984	2·187	·877	2·709	·376	·059	9780	6560		2·47
	1 7/8	T1055-1 7/8G											
	1 15/16	T1055-1 15/16G											
	2	T1055-2G											
	2 1/8	T1055-2 1/8G											
	2 3/16	T1055-2 3/16G											

Please check availability.

Shaft diameter		RHP designation	Dimensions							ISO load ratings		Rec. max. speed	Mass (approx.)
			D	C	B	s	d_1	M	r	dynamic C_r	static C_{or}		
mm	inches		mm inches							newtons lbf	newtons lbf	rev/ min	kg lb
55		T1060-55G	110,000	25,00	65,07	25,45	75,34	9,55	1,50	52500	35900	450	1,50
60		T1060-60G	4·3307	·984	2·562	1·002	2·966	·376	·059	11800	8070		3·30
	2 3/16	T1060-2 3/16G											
	2 1/4	T1060-2 1/4G											
	2 3/8	T1060-2 3/8G											
	2 7/16	T1060-2 7/16G											
60		T1070-60G	125,000	28,00	74,63	30,23	87,00	12,15	1,50	62000	44000	400	2,30
65		T1070-65G	4·9213	1·102	2·938	1·190	3·425	·478	·059	13940	9890		5·07
70		T1070-70G											
	2 7/16	T1070-2 7/16G											
	2 1/2	T1070-2 1/2G											
	2 5/8	T1070-2 5/8G											
	2 11/16	T1070-2 11/16G											
75		T1080-75G	140,000	30,00	82,55	33,37	98,50	11,15	2,00	72500	53000	345	3,27
80		T1080-80G	5·5118	1·181	3·250	1·314	3·878	·439	·079	16300	11910		7·20
	2 15/16	T1080-2 15/16G											
	3	T1080-3G											

T1000DECG SERIES

T1000DECG
With spherical outside diameter and eccentric collar lock

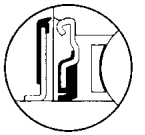


Radius to clear max. fillet radius r

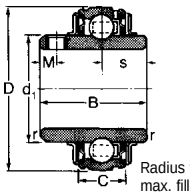
Shaft diameter		RHP designation	Dimensions						ISO load ratings dynamic	ISO load ratings static	Rec. max. speed	Mass (approx.)
			D	C	B3	s2	d2	r	Cr	Cor		
mm	inches		mm inches						newtons lbf	newtons lbf	rev/ min	kg lb
25		T1025-25DECG	52,000	15,00	44,40	17,49	38,10	1,00	14000	7880	1000	0,26
	7/8	T1025-7/8DECG	2·0472	·591	1·748	·689	1·500	·039	3150	1770		·57
	15/16	T1025-15/16DECG										
	1	T1025-1DECG										
30		T1030-30DECG	62,000	18,00	48,42	18,32	44,45	1,00	19500	11300	850	0,53
	1 1/8	T1030-1 1/8DECG	2·4409	·709	1·906	·721	1·750	·039	4380	2540		1·17
	1 3/16	T1030-1 3/16DECG										
	1 1/4	T1030-1 1/4DECG										
35		T1035-35DECG	72,000	19,00	51,18	18,89	55,58	1,00	25700	15300	750	0,70
	1 1/4	T1035-1 1/4DECG	2·8346	·748	2·015	·744	2·188	·039	5780	3440		1·54
	1 3/8	T1035-1 3/8DECG										
	1 7/16	T1035-1 7/16DECG										
40		T1040-40DECG	80,000	21,00	56,34	21,46	60,30	1,00	29100	17900	650	0,82
	1 1/2	T1040-1 1/2DECG	3·1496	·827	2·218	·845	2·374	·039	6540	4020		1·81
45		T1045-45DECG	85,00	22,00	56,34	21,46	63,50	1,00	32500	20500	600	1,08
	1 5/8	T1045-1 5/8DECG	3·3465	·866	2·218	·845	2·500	·039	7310	4610		2·38
	1 11/16	T1045-1 11/16DECG										
	1 3/4	T1045-1 3/4DECG										
50		T1050-50DECG	90,000	23,00	62,70	24,65	69,85	1,00	35000	23200	550	1,19
	1 7/8	T1050-1 7/8DECG	3·5433	·906	2·469	·970	2·750	·039	7870	5220		2·62
	1 15/16	T1050-1 15/16DECG										
55		T1055-55DECG	100,000	25,00	71,44	27,82	76,20	1,50	43500	29200	500	1,40
	2	T1055-2DECG	3·9370	·984	2·813	1·095	3·000	·059	9780	6560		3·09
	2 1/8	T1055-2 1/8DECG										
	2 3/16	T1055-2 3/16DECG										
60		T1060-60DECG	110,000	25,00	77,82	31,02	84,12	1,5	52500	35900	450	1,81
	2 1/4	T1060-2 1/4DECG	4·3307	·984	3·064	1·221	3·312	·059	11800	8070		4·00
	2 7/16	T1060-2 7/16DECG										
65		T1070-65DECG	125,000	28,00	85,36	34,19	96,82	1,5	62000	44000	400	2,49
70		T1070-70DECG	4·9213	1·102	3·361	1·346	3·812	·059	13940	9890		5·50
80		T1080-80DECG	140,000	30,00	99,95	40,53	111,12	2,0	72500	53000	350	3,54
			5·5118	1·181	3·935	1·596	4·375	·079	16300	11910		7·80

Please check availability.

1000GFS SERIES



1000GFS
With spherical outside diameter and integral set screw lock



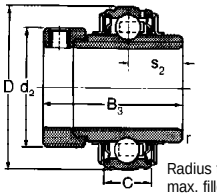
Radius to clear max. fillet radius r

Shaft diameter		RHP designation	Dimensions							ISO load ratings dynamic	ISO load ratings static	Rec. max. speed	Mass (approx.)
			D	C	B	s	d1	M	r	Cr	Cor		
mm	inches		mm inches							newtons lbf	newtons lbf	rev/ min	kg lb
25		1025-25GFS	52,000	15,00	34,11	14,32	34,01	5,35	1,00	14000	7880	6250	0,17
	7/8	1025-7/8GFS	2·0472	·591	1·343	·564	1·339	·211	·039	3150	1770		·38
	15/16	1025-15/16GFS											
	1	1025-1GFS											
25		1030-25GFS	62,000	16,00	38,10	15,93	40,00	5,85	1,00	19500	11300	5300	0,37
30		1030-30GFS	2·4409	·630	1·500	·627	1·575	·230	·039	4380	2540		·81
	7/8	1030-7/8GFS											
	1	1030-1GFS											
	1 1/8	1030-1 1/8GFS											
	1 3/16	1030-1 3/16GFS											
	1 1/4	1030-1 1/4GFS											
30		1035-30GFS	72,000	17,00	42,88	17,53	46,69	7,35	1,00	25700	15300	4500	0,51
35		1035-35GFS	2·8346	·669	1·688	·690	1·838	·289	·039	5780	3440		1·12
	1 3/16	1035-1 3/16GFS											
	1 1/4	1035-1 1/4GFS											
	1 5/16	1035-1 5/16GFS											
	1 3/8	1035-1 3/8GFS											
	1 7/16	1035-1 7/16GFS											
35		1040-35GFS	80,000	18,00	49,23	19,10	52,70	7,95	1,00	29100	17900	4000	0,64
40		1040-40GFS	3·1496	·709	1·938	·752	2·075	·313	·039	6540	4020		1·41
	1 3/8	1040-1 3/8GFS											
	1 7/16	1040-1 7/16GFS											
	1 1/2	1040-1 1/2GFS											
40		1045-40GFS	85,000	19,00	49,23	19,10	57,30	7,95	1,00	32500	20500	3700	0,73
45		1045-45GFS	3·3465	·748	1·938	·752	2·256	·313	·039	7310	4610		1·62
	1 1/2	1045-1 1/2GF											
	1 5/8	1045-1 5/8GFS											
	1 11/16	1045-1 11/16GFS											
	1 3/4	1045-1 3/4GFS											
45		1050-45GFS	90,000	20,00	51,59	19,10	62,20	8,95	1,00	35000	23200	3400	0,91
50		1050-50GFS	3·5433	·787	2·031	·752	2·449	·352	·039	7870	5220		2·00
	1 11/16	1050-1 11/16GFS											
	1 3/4	1050-1 3/4GFS											
	1 7/8	1050-1 7/8GFS											
	1 15/16	1050-1 15/16GFS											
	2	1050-2GFS											
50		1055-50GFS	100,000	21,00	55,55	22,28	68.81	9,55	1,50	43500	29200	3100	1,12
55		1055-55GFS	3·9370	·827	2·187	·877	2·709	·376	·059	9780	6560		2·47
	1 7/8	1055-1 7/8GFS											
	1 15/16	1055-1 15/16GFS											
	2	1055-2GFS											
	2 1/8	1055-2 1/8GFS											
	2 3/16	1055-2 3/16GFS											
55		1060-55GFS	110,000	22,00	65,07	25,45	75,34	9,55	1,50	52500	35900	2800	1,47
60		1060-60GFS	4·3307	·866	2·562	1·002	2·966	·376	·059	11800	8070		3·25
	2 3/16	1060-2 3/16GFS											
	2 1/4	1060-2 1/4GFS											
	2 3/8	1060-2 3/8GFS											
	2 7/16	1060-2 7/16GFS											

Please check availability.

1000DECGFS SERIES

1000DECGFS
With spherical outside diameter and eccentric collar lock

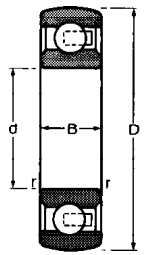


Radius to clear max. fillet radius r

Shaft diameter		RHP designation	Dimensions						ISO load ratings dynamic	static	Rec. max. speed	Mass (approx.)
			D	C	B_3	s_2	d_2	r	C_r	C_{or}		
mm	inches		mm inches						newtons lbf	newtons lbf	rev/ min	kg lb
25		**1025-25DECGFS**	52,000	15,00	44,40	17,49	38,10	1,00	14000	7880	6250	0,26
	7/8	**1025-7/8DECGFS**	2·0472	·591	1·748	·689	1·500	·039	3150	1770		·57
	15/16	**1025-15/16DECGFS**										
	1	**1025-1DECGFS**										
30		**1030-30DECGFS**	62,000	16,00	48,42	18,32	44,45	1,00	19500	11300	5300	0,53
	1 1/8	**1030-1 1/8DECGFS**	2·4409	·630	1·906	·721	1·750	·039	4380	2540		1·17
	1 3/16	**1030-1 3/16DECGFS**										
	1 1/4	**1030-1 1/4DECGFS**										
35		**1035-35DECGFS**	72,000	17,00	51,18	18,89	55,58	1,00	25700	15300	4500	0,70
	1 1/4	**1035-1 1/4DECGFS**	2·8346	·669	2·015	·744	2·188	·039	5780	3440		1·54
	1 5/16	**1035-1 5/16DECGFS**										
	1 3/8	**1035-1 3/8DECGFS**										
	1 7/16	**1035-1 7/16DECGFS**										
40		**1040-40DECGFS**	80,000	18,00	56,34	21,46	60,30	1,00	29100	17900	4000	0,82
	1 1/2	**1040-1 1/2DECGFS**	3·1496	·709	2·218	·845	2·374	·039	6540	4020		1·81
45		**1045-45DECGFS**	85,000	19,00	56,34	21,46	63,50	1,00	32500	20500	3700	1,08
	1 5/8	**1045-1 5/8DECGFS**	3·3465	·748	2·218	·845	2·500	·039	7310	4610		2·38
	1 11/16	**1045-1 11/16DECGFS**										
	1 3/4	**1045-1 3/4DECGFS**										
50		**1050-50DECGFS**	90,000	20,00	62,70	24,65	69,85	1,00	35000	23200	3400	1,19
	1 7/8	**1050-1 7/8DECGFS**	3·5433	·787	2·469	·970	2·750	·039	7870	5220		2·62
	1 15/16	**1050-1 15/16DECGFS**										
55		**1055-55DECGFS**	100,000	21,00	71,44	27,82	76.20	1,50	43500	29200	3100	1,40
	2	**1055-2DECGFS**	3·9370	·827	2·813	1·095	3·000	·059	9780	6560		3·09
	2 1/8	**1055-2 1/8DECGFS**										
	2 3/16	**1055-2 3/16DECGFS**										
60		**1060-60DECGFS**	110,000	22,00	77,82	31,02	84,12	1,50	52500	35900	2800	1,72
	2 1/4	**1060-2 1/4DECGFS**	4·3307	·866	3·064	1·221	3·312	·059	11800	8070		3·79
	2 3/8	**1060-2 3/8DECGFS**										
	2 7/16	**1060-2 7/16DECGFS**										
	2 1/2	**1060-2 1/2DECGFS**										

Please check availability.

1726200-2RS SERIES
AND **1726300-2RS** SERIES



Radius to clear max. fillet radius r

RHP designation	Dimensions				ISO load ratings dynamic	static	Axial load factor	Rec. max. speed	Mass (approx.)
	d	D	B	r	C_r	C_{or}	f_o		
	mm inches				newtons lbf	newtons lbf		rev/ min	kg lb
1726203-2RS	17,000	40,000	12,00	0,60	9550	4760	13,1	12500	0,06
	·6693	1·5748	·472	·024	2150	1070			0·14
1726204-2RS	20,000	47,000	14,00	1,00	12800	6580	13,1	14000	0,10
	·7874	1·8504	·551	·039	2880	1480			0·22
1726205-2RS	25,000	52,000	15,00	1,00	14000	7880	13,9	9800	0,12
	·9843	2·0472	·591	·039	3150	1770			0·27
1726206-2RS	30,000	62,000	16,00	1,00	19500	11300	13,8	8200	0,20
	1·1811	2·4409	·630	·039	4380	2540			0·43
1726207-2RS	35,000	72,000	17,00	1,00	25700	15300	13,8	7100	0,28
	1·3780	2·8346	·669	·039	5780	3440			0·61
1726208-2RS	40,000	80,000	18,00	1,00	29100	17400	14,0	6300	0,35
	1·5748	3·1496	·709	·039	6540	4020			0·77
1726209-2RS	45,000	85,000	19,00	1,00	32500	20500	14,1	5900	0,40
	1·7717	3·3465	·748	·039	7310	4610			0·87
1726210-2RS	50,000	90,000	20,00	1,00	35000	23200	14,4	5500	0,5
	1·9685	3·5433	·787	·039	7870	5220			1·0
1726308-2RS	40,000	90,000	23,00	1,50	40500	23900	13,2	5900	0,6
	1·5748	3·5433	·906	·059	9100	5370			1·3
1726309-2RS	45,000	100,000	25,00	1,50	53000	31700	13,0	5300	0,8
	1·7717	3·9370	·984	·059	11900	7130			1·8
1726310-2RS	50,000	110,000	27,00	2,00	62000	37900	13,0	4800	1,1
	1·9685	4·3307	1·063	·079	13940	8520			2·4

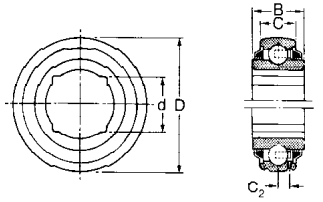
1726200-2RS series only:
These bearings can be supplied fitted into standard housings and pressings.
To obtain the unit designation add the 'bearing bore' and '-2RS' to the housing series reference, e.g. NP25-2RS.

For bore and outside dia. Tolerances see page 22.

Please check availability.

PDNF AND DNF SERIES
PDF AND DF SERIES

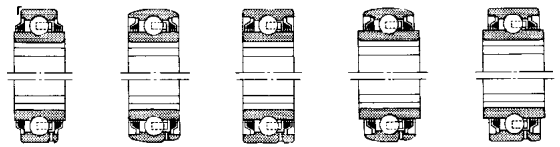
Type 1



Note: For outer ring outside diameter tolerances see page 22

Type 1G

Type 2 Type 3 Type 4 Type 5 Type 6



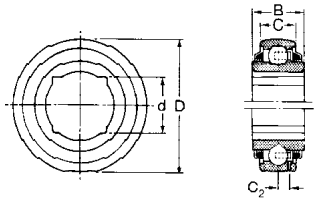
Type 2G Type 3G Type 4G Type 5G Type 6G

Square shaft	RHP designation spherical outside diameter	RHP designation parallel outside diameter	Type	Dimensions square bore d nominal	tolerance nominal to minus	outside diameter D nominal	B	C	C2	r	ISO load ratings dynamic Cr	ISO load ratings static Cor	Rec. max speed	Mass (approx.)	Interchange data Fafnir	Interchange data BCA	Interchange data NDH
mm inches				mm inches							newtons lbf	newtons lbf	rev/ min	kg lb			
7/8	2/DNF240/7		1	23,09 ·909	0,20 ·008	80,000 3·1496	36,51 1·438	18,00 ·709	-	-	29100 6540	17900 4020	650	0,74 1·62	W208PPB13	DS208TT13	AS4508FF
7/8	PDNF240/7Y		5	23,09 ·909	0,20 ·008	80,000 3·1496	36,51 1·438	30,16 1·188	-	-	29100 6540	17900 4020	650	0,89 1·96			
1	DNF140/8Y		1	26,30 1·035	0,20 ·008	80,000 3·1496	30,16 1·188	21,00 ·827	-	-	29100 6540	17900 4020	650	0,63 1·39			
1	DNF240/8Y		1	26,30 1·035	0,20 ·008	80,000 3·1496	36,51 1·438	21,00 ·827	-	-	29100 6540	17900 4020	650	0,69 1·52			
1	2/DNF240/8		1	26,30 1·035	0,20 ·008	80,000 3·1496	36,51 1·438	18,00 ·709	-	-	29100 6540	17900 4020	650	0,62 1·37	W208PPB6	DS208TT6	AS4508BK
1		DF140/8Y	2	26,30 1·035	0,20 ·008	80,000 3·1496	30,16 1·188	21,00 ·827	-	1,00 ·039	29100 6540	17900 4020	650	0,63 1·39			
1		DF240/8Y	2	26,30 1·035	0,20 ·008	80,000 3·1496	36,51 1·438	21,00 ·827	-	1,00 ·039	29100 6540	1700 4020	650	0,69 1·52			
1		2/DF240/8	2	26,30 1·035	0,20 ·008	80,000 3·1496	36,51 1·438	18,00 ·709	-	1,00 ·039	29100 6540	17900 4020	650	0,72 1·59	W208PP6	DC208TT6	
1	PDNF240/8Y		5	26,30 1·035	0,20 ·008	80,000 3·1496	36,51 1·438	30,16 1·188	-	-	29100 6540	17900 4020	650	0,81 1·79	W208PP9	DS208TT9	AS4508BE
1	1/PDNF240/8G		5G	26,30 1·035	0,20 ·008	80,000 3·1496	36,51 1·438	24,00 ·945	6,20 ·244	-	29100 6540	17900 4020	650	0,79 1·75	GW208PPB6	DS208TTR6	RAS4508AE
1		PDF240/8Y	6	26,30 1·035	0,20 ·008	80,000 3·1496	36,51 1·438	30,16 1·188	-	1,00 ·039	29100 6540	17900 4020	650	0,81 1·79	W208PP9		AS4508AD
1 1/8	DNF140/9		1	29,44 1·159	0,20 ·008	80,000 3·1496	30,16 1·188	21,00 ·827	-	-	29100 6540	17900 4020	650	0,59 1·30			
1 1/8	DNF240/9Y		1	29,44 1·159	0,20 ·008	80,000 3·1496	36,51 1·438	21,00 ·827	-	-	29100 6540	17900 4020	650	0,63 1·39			
1 1/8	2/DNF240/9		1	29,44 1·159	0,20 ·008	80,000 3·1496	36,51 1·438	18,00 ·709	-	-	29100 6540	17900 4020	650	0,58 1·28	W208PPB5	DS208TT5	AS4508BJ
1 1/8		DF140/9Y	2	29,44 1·149	0,20 ·008	80,000 3·1496	30,16 1·188	21,00 ·827	-	1,00 ·039	29100 6540	17900 4020	650	0,59 1·30			
1 1/8		2/DF240/9	2	29,44 1·159	0,20 ·008	80,000 3·1496	36,51 1·438	18,00 ·709	-	1,00 ·039	29100 6540	17900 4020	650	0,58 1·28	W208PP5	DC208TT5	AS4508BH
1 1/8	PDNF240/9Y		5	29,44 1·159	0,20 ·008	80,000 3·1496	36,51 1·438	30,16 1·188	-	-	29100 6540	17900 4020	650	0,75 1·66	W208PPB8	DS208TT8	AS4508EF
1 1/8	PDNF240/9GY		5G	29,44 1·159	0,20 ·008	80,000 3·1496	36,51 1·438	30,16 1·188	6,20 ·244	-	29100 6540	17900 4020	650	0,75 1·66	GW208PPB8	DS208TTR8	RAS4508EF
1 1/8	1/PDNF240/9G		5G	29,44 1·159	0,20 ·008	80,000 3·1496	36,51 1·438	24,00 ·945	6,20 ·244	-	29100 6540	17900 4020	650	0,70 1·54	GW208PPB5	DS208TTR5	RAS4508BJ
1 1/8		PDF240/9Y	6	29,44 1·159	0,20 ·008	80,000 3·1496	36,51 1·438	30,16 1·188	-	1,00 ·039	29100 6540	17900 4020	650	0,75 1·66	WS208PP8	DC208TT8	AS4508BD
1 1/8	DNF145/9Y		1	29,44 1·159	0,20 ·008	85,000 3·3465	30,16 1·188	22,00 ·866	-	-	32500 7310	20500 4610	600	0,70 1·54			
1 1/8	PDNF145/9Y		3	29,44 1·159	0,20 ·008	85,000 3·3465	30,16 1·188	30,16 1·188	-	-	32500 7310	20500 4610	600	0,78 1·72			
1 1/8	PDNF245/9Y		5	29,44 1·159	0,20 ·008	85,000 3·3465	36,51 1·438	30,16 1·188	-	-	32500 7310	20500 4610	600	0,83 1·83			
1 1/8	PDNF150/9Y		3	29,44 1·159	0,20 ·008	90,000 3·5433	30,16 1·188	30,16 1·188	-	-	35000 7870	23200 5220	550	0,95 2·11	W210PPB4	DS210TT4	AS4510F

Please check availability

PDNF AND **DNF** SERIES
PDF AND **DF** SERIES

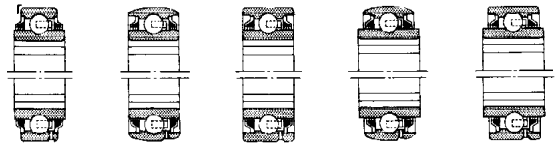
Type 1



Note: For outer ring outside diameter tolerances see page 22

Type 1G

Type 2 **Type 3** **Type 4** **Type 5** **Type 6**



Type 2G **Type 3G** **Type 4G** **Type 5G** **Type 6G**

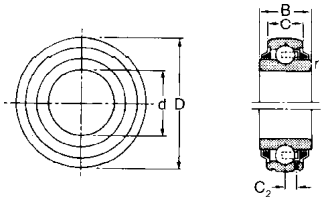
Square shaft		RHP designation spherical outside diameter	RHP designation parallel outside diameter	Type	Dimensions square bore d nominal	tolerance nominal to minus	outside diameter D nominal	B	C
mm	inches				mm inches				
	1 1/8	PDNF150/9GY		3G	29,44 1·159	0,20 ·008	90,000 3·5433	30,16 1·188	30,16 1·188
	1 1/8		PDF150/9Y	4	29,44 1·159	0,20 ·008	90,000 3·5433	30,16 1·188	30,16 1·188
	1 1/8		PDF150/9GY	4G	29,44 1·159	0,20 ·008	90,000 3·5433	30,16 1·188	30,16 1·188
	1 1/8	PDNF250/9Y		5	29,44 1·159	0,20 ·008	90,000 3·5433	36,51 1·438	30,16 1·188
30		DNF240/9AY		1	30,94 1·218	0,20 ·008	80,000 3·1496	36,51 1·438	21,00 ·827
30		DNF145/9AY		1	30,94 1·218	0,20 ·008	85,000 3·3465	30,16 1·188	22,00 ·866
30			DF245/9AY	2	30,94 1·218	0,20 ·008	85,000 3·3465	36,51 1·438	22,00 ·866
	1 1/4	DNF145/10Y		1	32,95 1·297	0,20 ·008	85,000 3·3465	30,16 1·188	22,00 ·866
	1 1/4	DNF245/10Y		1	32,95 1·297	0,20 ·008	85,000 3·3465	36,51 1·438	22,00 ·866
	1 1/4	DNF245/10GY		1G	32,95 1·297	0,20 ·008	85,000 3·3465	36,51 1·438	22,00 ·866
	1 1/4	PDNF245/10Y		5	32,95 1·297	0,20 ·008	85,000 3·3465	36,51 1·438	30,16 1·188
	1 1/4	PDNF145/10GY		5G	32,95 1·297	0,20 ·008	85,000 3·3465	36,51 1·438	30,16 1·188
	1 1/4		PDF245/10Y	6	32,95 1·297	0,20 ·008	85,000 3·3465	36,51 1·438	30,16 1·188
	1 1/4	DNF155/10Y		1	32,95 1·297	0,20 ·008	100,000 3·9370	33,34 1·312	25,00 ·984
	1 1/2	DNF155/12AY		1	39,12 1·540	0,20 ·008	100,000 3·9370	33,34 1·312	25,00 ·984
	1 1/2	PDNF155/12Y		3	39.12 1·540	0,20 ·008	100,000 3·9370	33,34 1·312	33,34 1·312
	1 1/2	PDNF155/12GY		3G	39,12 1·540	0,20 ·008	100,000 3·9370	33,34 1·312	33,34 1·312
	1 1/2		PDF155/12Y	4	39,12 1·540	0,20 ·008	100,000 3·9370	33,34 1·312	33,34 1·312
	1 1/2		PDF55/12GY	4G	39,12 1·540	0,20 ·008	100,000 3·9370	33,34 1·312	33,34 1·312
40		DNF155/12AY		1	41,20 1·622	0,20 ·008	100,000 3·9370	33,34 1·312	25,00 0·984
40			PDF155/12AY	4	41,20 1·622	0,20 ·008	100,000 3·9370	33,34 1·312	33,34 1·312

Please check availability

C_2	r	ISO load ratings dynamic C_r	ISO load ratings static C_{or}	Rec. max speed	Mass (approx.)	Interchange data Fafnir	BCA	NDH
mm inches		newtons lbf	newtons lbf	rev/ min	kg lb			
6,70 ·264	- -	35000 7870	23200 5220	550	0,95 2·11	GW210PPB4	DS210TTR4	RAS4510F
- -	1,00 ·039	35000 7870	23200 5220	550	0,95 2·11	W210PP4	DC210TT4	AS4510B
6,70 ·264	1,00 ·039	35000 7870	23200 5220	550	0,95 2·11	GW210PP4	DC210TTR4	RAS4510B
- -	- -	35000 7870	23200 5220	550	1,01 2·25	W210PPB6	DS210TT6	
- -	- -	29100 6540	17900 4020	650	0,61 1·35			
- -	- -	32500 7310	20500 4610	600	0,67 1·48			
- -	- -	32500 7310	20500 4610	600	0,73 1·61			
- -	- -	32500 7310	20500 4610	600	0,65 1·43			
- -	- -	32500 7310	20500 4610	600	0,75 1·66	W20PPB8	DS209TT8	AS4509EF
6,50 ·256	- -	32500 7310	20500 4610	600	0,75 1·66	GW209PPB8	DS209TTR8	RAS4509EF
- -	- -	32500 7310	20500 4610	600	0,79 1·75	W209PPB5	DS209TT5	AS4509A
6,50 ·256	- -	32500 7310	20500 4610	600	0,79 1·75	GW209PPB5	DS209TTR5	RAS4509A
- -	1,00 ·039	32500 7310	20500 4610	600	0,79 1·75		DC209TT5	AS4509AD
- -	- -	43500 9780	29200 6560	500	1,32 2·90			
- -	- -	43500 9780	29200 6560	500	1,16 2·56			
- -	- -	43500 9780	29200 6560	500	1,26 2·79	W211PPB3	DS211TT3	AS4511BE
7,40 ·291	- -	43500 9780	29200 6560	500	1,26 2·79	GW211PPB3	DS211TTR3	RAS4511BE
- -	1,50 ·059	43500 9780	29200 6560	500	1,26 2·79	W211PP3	DC211TT3	AS4511BD
7,40 ·291	1,50 ·059	43500 9780	29200 6560	500	1,26 2·79	GW211PP3	DC211TTR3	RAS4511BD
- -	- -	43500 9780	29200 6560	500	1,19 2·62			
- -	1,50 ·059	43500 9780	29200 6560	500	1,19 2·62			

PDNF AND DNFSERIES
PDF AND DF SERIES

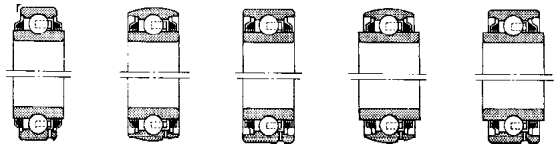
Type 1



Type 1G

Note: For outer ring outside diameter tolerances see page 22

Type 2 Type 3 Type 4 Type 5 Type 6



Type 2G Type 3G Type 4G Type 5G Type 6G

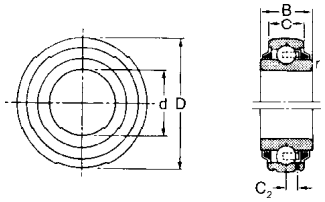
Shaft diameter		RHP designation spherical outside diameter	RHP designation parallel outside diameter	Type	Dimensions bore diameter d nominal	bore diameter tolerance nominal to minus	outside diameter D nominal	B	C	C_2	r
mm	inches				mm inches						
	3/16	2/DNF140-3/16		1	30,176 1·1880	0,013 ·0005	80,000 3·1496	30,16 1·188	18,00 ·709	-	1,00 ·039
	3/16	PDNF-140-3/16 Y		3	30,176 1·1880	0,013 ·0005	80,000 3·1496	30,16 1·188	30,16 1·188	-	1,00 ·039
	1/4	DNF140-1/4 Y		1	31,763 1·2505	0,013 ·0005	80,000 3·1496	30,16 1·188	21,00 ·827	-	1,00 ·039
	1/4		DF140-1/4 Y	2	31,763 1·2505	0,013 ·0005	80,000 3·1496	30,16 1·188	21,00 ·827	-	1,00 ·039
	1/4	PDNF140-1/4 Y		3	31,763 1·2505	0,013 ·0005	80,000 3·1496	30,16 1·188	30,16 1·188	-	1,00 ·039
	1/2	DNF11004		1	38,113 1·5005	0,013 ·0005	80,000 3·1496	42,86 1·688	21,00 ·827	-	1,00 ·039
	1/2		36/DF140-1/2	2	38,113 1·5005	0,013 ·0005	80,000 3·1496	42,86 1·688	21,00 ·827	-	1,00 ·039
	1/2	PDNF140-1/2 Y		3	38,113 1·5005	0,013 ·0005	80,000 3·1496	30,16 1·188	30,16 1·188	-	1,00 ·039
	1/2	PDNF11016		5	38,113 1·5005	0,013 ·0005	80,000 3·1496	42,86 1·688	30,16 1·188	-	1,00 ·039
	1/2	28/PDNF145-1/2		3	38,990 1·535	0,250 ·010	85,000 3·3465	30,16 1·188	30,16 1·188	-	1,00 ·039
	1/2	28/PDN145-1/2 G		3G	38,990 1·535	0,250 ·010	85,000 3·3465	30,16 1·188	30,16 1·188	6,50 ·256	1,00 ·039
40		DNF140-40GY		1G	40,000 1·5748	0,013 ·0005	80,000 3·1496	30,16 1·188	21,00 ·827	6,20 ·244	1,00 ·039
45		DNF145-45Y		1	45,000 1·7717	0,013 ·0005	85,000 3·3465	30,16 1·188	22,0 ·866	-	1,00 ·039
45		PDNF145-45Y		3	45,000 1·7717	0,013 ·0005	85,000 3·3465	30,16 1·188	30,16 1·188	-	1,00 ·039
45		PDNF145-45GY		3G	45,000 1·7717	0,013 ·0005	85,000 3·3465	30,16 1·188	30,16 1·188	6,50 ·256	1,00 ·039
45		DNF11006		1G	45,160 1·778	0,180 ·007	85,000 3·3465	36,51 1·438	22,00 ·866	6,50 ·256	1,00 ·039
	3/4	5/PDNF150-3/4		3	45,340 1·785	0,250 ·010	90,000 3·5433	30,16 1·188	30,16 1·188	-	1,00 ·039
	15/16	DNF150-1 15/16 Y		1	49,225 1·9380	0,013 ·0005	90,000 3·5433	30,16 1·188	23,00 ·906	-	1,00 ·039
	15/16		DF150-1 15/16 Y	2	49,225 1·9380	0,013 ·0005	90,000 3·5433	30,16 1·188	23,00 ·906	-	1,00 ·039
	15/16	PDNF150-1 15/16 Y		3	49,225 1·9380	0,013 ·0005	90,000 3·5433	30,16 1·188	30,16 1·188	-	1,00 ·039
	15/16	PDNF150-1 15/16 GY		3G	49,225 1·9380	0,013 ·0005	90,000 3·5433	30,16 1·188	30,16 1·188	-	1,00 ·039
	15/16		PDF150-1 15/16 Y	4	49,225 1·9380	0,013 ·0005	90,000 3·5433	30,16 1·188	30,16 1·188	-	1,00 ·039
50		DNF150-50Y		1	50,000 1·9685	0,013 ·0005	90,000 3·5433	30,16 1·188	23,00 ·906	-	1,00 ·039
50		DNF155-50Y		1	50,000 1·9685	0,013 ·0005	100,000 3·9730	33,34 1·312	25,00 ·984	-	1,50 ·059

ISO load ratings dynamic Cr	ISO load ratings static Cor	Rec. max speed	Mass (approx.)	Interchange data Fafnir	Interchange data BCA	Interchange data NDH
newtons lbf	newtons lbf	rev/ min	kg lb			
29100 17900	17900 4020	650	0,63 1·39	W208PPB7	DS208TT7	
29100 17900	17900 4020	650	0,71 1·58	W208PPB4	DS208TT4	
29100 17900	17900 4020	650	0,64 1·41			
29100 17900	17900 4020	650	0,64 1·41			
29100 17900	17900 4020	650	0,70 1·55			
29100 17900	17900 4020	650	0,68 1·50			
29100 17900	17900 4020	650	0,68 1·50	W208PP10	DC208TT10	
29100 17900	17900 4020	650	0,63 1·39			
29100 17900	17900 4020	650	0,72 1·59	W208PPB2	D208TT2A	
32500 20500	20500 4610	600	0,74 1·65	W209PPB4	DS209TT4	AS4509BD
32500 20500	20500 4610	600	0,74 1·65	GW209PPB4	DS209TTR4	RAS4509BD
29100 17900	17900 4020	650	0,62 1·37			
32500 20500	20500 4610	600	0,63 1·39			
32500 20500	20500 4610	600	0,65 1·44	W209PPB2	DS209TT2	AS4509BE
32500 20500	20500 4610	600	0,65 1·44	GW209PPB2	DS209TTR2	RAS4509BE
32500 20500	20500 4610	600	0,62 1·37	GW209PPB11	DS209TTR10	
35000 23200	23200 5220	550	0,79 1·75	W210PPB5	DS210TT5	AS4510D
35000 23200	23200 5220	550	0,64 1·41			
35000 23200	23200 5220	550	0,64 1·41			
35000 23200	23200 5220	550	0,66 1·46	W210PPB2	DS210TT2	
35000 23200	23200 5220	550	0,66 1·46	GW210PPB2	DS210TTR2	
35000 23200	23200 5220	550	0,70 1·56	W210PP2	DC210TT2	
35000 23200	23200 5220	550	0,63 1·39			
43500 29200	29200 6560	500	0,77 1·70			

Please check availability

PDNF AND **DNF** SERIES
PDF AND **DF** SERIES

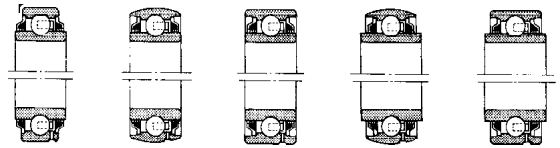
Type 1



Note: For outer ring outside diameter tolerances see page 22

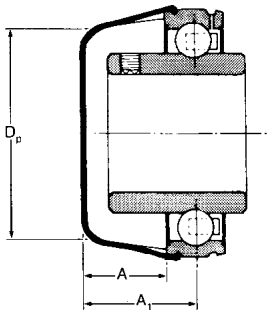
Type 1G

Type 2 **Type 3** **Type 4** **Type 5** **Type 6**



Type 2G **Type 3G** **Type 4G** **Type 5G** **Type 6G**

Shaft diameter	RHP designation spherical outside diameter	RHP designation parallel outside diameter	Type	Dimensions bore diameter d nominal	bore diameter tolerance nominal to minus	outside diameter D nominal	outside diameter B	outside diameter C	C_2	r	ISO load ratings dynamic C_r	ISO load ratings static C_{or}	Rec. max speed	Mass (approx.)	Interchange data Fafnir	Interchange data BCA	Interchange data NDH
mm inches				mm inches					mm inches		newtons lbf	newtons lbf	rev/ min	kg lb			
50	**DNF155-50GY**		1G	50,000 1·9685	0,013 ·0005	100,000 3·9370	33,34 1·312	25,00 ·984	7,40 ·291	1,50 ·059	43500 9780	29200 6560	500	0,77 1·70			
$2^3/_{16}$	**DNF155-$2^3/_{16}$Y**		1	55,578 2·1881	0,015 ·0006	100,000 3·9370	33,34 1·312	25,00 ·984	- -	1,50 ·059	43500 9780	29200 6560	500	0,91 2·00			
$2^3/_{16}$	**PDNF155-$2^3/_{16}$Y**		3	55,578 2·1881	0,015 ·0006	100,000 3·9370	33,34 1·312	33,34 1·312	- -	1,50 ·059	43500 9780	29200 6560	500	0,96 2·13	W211PPB2	DS211TT2	
$2^3/_{16}$	**PDNF155-$2^3/_{16}$GY**		3G	55,578 2·1881	0,015 ·0006	100,000 3·9370	33,34 1·312	33,34 1·312	7,40 ·291	1,50 ·059	43500 9780	29200 6560	500	0,96 2·13	GW211PPB2	DS211TTR2	
$2^3/_{16}$		**PDF155-$2^3/_{16}$Y**	4	55,578 2·1881	0,015 ·0006	100,000 3·9370	33,34 1·312	33,34 1·312	- -	1,50 ·059	43500 9780	29200 6560	500	1,05 2·33	W211PP2	DS211TT2	AS4511C
$2^3/_{16}$		**PDF155-$2^3/_{16}$GY**	4G	55,578 2·1881	0,015 ·0006	100,000 3·9370	33,34 1·312	33,34 1·312	7,40 ·291	1,50 ·059	43500 9780	29200 6560	500	1,05 2·33	GW211PP2	DC211TTR2	RAS4511C



The Protector range

RHP designation	Dimensions Dp	A	A_1	Basic bearing insert
	mm inches			
20P	37,0 1·457	23,0 ·906	30,0 1·181	1020
25P	42,5 1·673	23,0 ·906	30,5 1·201	1025
30P	50,5 1·988	26,5 1·043	34,5 1·358	1030
35P	60,5 2·382	28,5 1·122	37,0 1·457	1035
40P	67,5 2·657	30,5 1·201	39,5 1·555	1040
45P	72,0 2·835	30,0 1·181	39,5 1·555	1045
50P	76,0 2·992	32,5 1·280	42,5 1·673	1050
55P	85,0 3·346	37,5 1·476	48,0 1·890	1055
60P	94,0 3·700	40,5 1·594	51,5 2·028	1060

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

Protectors for Self-Lube units

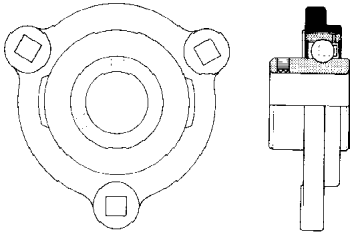
Bore size	Self-Lube Unit												
	NP NP-A NP-EC NP-DEC SL SL-A SL-EC SL-DEC SF SF-A SF-EC SF-DEC	SFT SFT-A SFT-EC SFT-DEC SLC SLC-A SLC-EC SLC-DEC	SNP SNP-A SNP-EC SNP-DEC CNP CNP-A CNP-EC CNP-DEC	LFTC LFTC-A LFTC-EC LFTC-DEC SLFLP SLFLP-A SLFLP-EC SLFLP-DEC	FC FC-A FC-EC FC-DEC	ST ST-A ST-EC ST-DEC	BT BT-A BT-EC	SLFEP SLFEP-A SLFEP-EC SLFEP-DEC	SLFTP SLFTP-A SLFTP-EC SLFTP-DEC	MFC	SCHB SCH	NP-K MP-K MSF-K MSFT-K MST-K	MP MSF MSFT MST MSC
20,3/4	20P	20P	20P	20P	20P	20P	-	20P	-	-	20P	25P	-
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	35P	30P	35P	35P
1 3/16	30P	30P	30P	30P	30P	30P	-	30P	30P	35P	35P	35P	35P
1 1/4	35P	35P	35P	30P	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	-	-	50P	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.

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

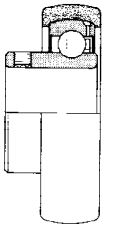
RHP bearings

LF series
A range of three bolt spheroidal graphite iron housed units, available in bore sizes 25mm to 35mm and 1" to 1 7/16".
These are non-re-greaseable.

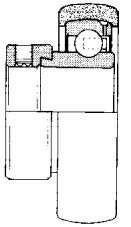


LF series

AR-A series, AR-EC series
The AR series is the bearing and rubber cartridge used in the LPBR unit (Pages 78 and 79).
Available as a series for users who have their own housing.
Bore sizes 12mm to 30mm and 1/2" to 1 1/4".

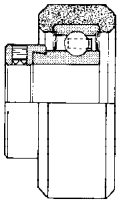


AR-A series



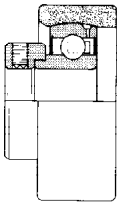
AR-EC series

SRM-EC series
Rubber housed units fitted with the 1120 or 1125 type inserts. Available in bore sizes 20mm, 3/4", 25mm, 7/8" and 1" with eccentric collar or set screw lock.

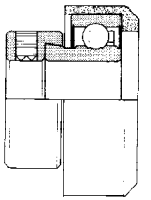


SRM-EC series

SRC-EC series
Rubber housed units suitable for the air conditioning market, two housings each with an outside diameter of 64,5mm and in bore sizes 20mm to 25mm and 3/4" to 1" are available.
Special SRC types
Bore sizes 20mm and 3/4".
Offered with eccentric collar lock.
(SRC11004 and SRC11005 respectively.)



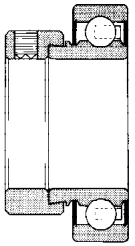
SRC-EC series



Special SRC types

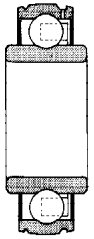
Please check availability.

2300-EC extra light series
The 2300-EC series is an extra light bearing available in bore sizes 20mm to 30mm and $^{3}/_{4}$" to $1^{3}/_{16}$".

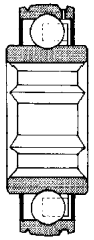


2300-EC extra light series

1600-G series, 1600-HG series
A range of spherical outside diameter deep groove wide inner ring ball bearings with either round or hexagonal bores.
These are re-greaseable and available in round bore sizes 20mm to 75mm and $^{3}/_{4}$" to $2^{15}/_{16}$" and hexagonal bore sizes $^{7}/_{8}$" AF to $1^{1}/_{2}$" AF and 22mm AF to 38mm AF.
The standard Self-Lube cage and seals are fitted.

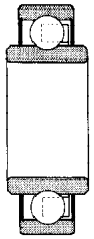


1600-G series

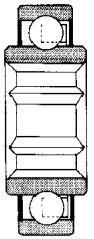


1600-HG series

1700 series, 1700-H series
As 1600-G, 1600-HG but with parallel outside diameters, although this range is not re-greaseable.



1700 series



1700-H series

Conversion factors for British and S.I. Units

Quantity	Conversions
Mass	1 lb = 0·4536 kg 1 kg = 2·205 lb
Force	1 lbf = 4·448 N 1 N = 0·2248 lbf
Torque	1 lbf ft = 1·3558 Nm 1 lbf in = 0·1130 Nm 1 Nm = 0·7376 lbf ft 1 Nm = 8·850 lbf in

Temperature conversion table

°C	°C or °F	°F	°C	°C or °F	°F	°C	°C or °F	°F	°C	°C or °F	°F	°C	°C or °F	°F	°C	°C or °F	°F	°C	°C or °F	°F
-110 to 210																				
-79	**-110**	-166	-46	**-50**	-58	-17·2	**1**	33·8	-13·9	**7**	44·6	4·4	**40**	104	37·7	**100**	212	71	**160**	320
-73	**-100**	-148	-40	**-40**	-40	-16·6	**2**	35·6	-13·3	**8**	46·4	9·9	**50**	122	43	**110**	230	76	**170**	338
-68	**-90**	-130	-34	**-30**	-22	-16·1	**3**	37·4	-12·7	**9**	48·2	15·6	**60**	140	49	**120**	248	83	**180**	356
-62	**-80**	-112	-29	**-20**	-4	-15·5	**4**	39·2	-12·2	**10**	50·0	21·0	**70**	158	54	**130**	266	88	**190**	374
-57	**-70**	-94	-23	**-10**	14	-15·0	**5**	41·0	-6·6	**20**	68·0	26·8	**80**	176	60	**140**	284	93	**200**	392
-55	**-60**	-76	-17.7	**0**	32	-14·4	**6**	42·8	-1·1	**30**	86·0	32·1	**90**	194	65	**150**	302	99	**210**	410
220 to 630																				
104	**220**	428	138	**280**	536	171	**340**	644	204	**400**	752	238	**460**	860	271	**520**	968	304	**580**	1076
110	**230**	446	143	**290**	554	177	**350**	662	210	**410**	770	243	**470**	878	276	**530**	986	310	**590**	1094
115	**240**	464	149	**300**	572	182	**360**	680	215	**420**	788	249	**480**	896	282	**540**	1004	315	**600**	1112
121	**250**	482	154	**310**	590	188	**370**	698	221	**430**	806	254	**490**	914	288	**550**	1022	321	**610**	1130
127	**260**	500	160	**320**	608	193	**380**	716	226	**440**	824	260	**500**	932	293	**560**	1040	326	**620**	1148
132	**270**	518	165	**330**	626	199	**390**	734	232	**450**	842	265	**510**	950	299	**570**	1058	332	**630**	1166
640 to 1000																				
338	**640**	1184	371	**700**	1292	404	**760**	1400	432	**810**	1490	460	**860**	1580	487	**910**	1670	515	**960**	1760
343	**650**	1202	376	**710**	1310	410	**770**	1418	438	**820**	1508	465	**870**	1598	493	**920**	1688	520	**970**	1778
349	**660**	1220	382	**720**	1328	415	**780**	1436	443	**830**	1526	471	**880**	1616	498	**930**	1706	526	**980**	1796
354	**670**	1238	387	**730**	1346	421	**790**	1454	449	**840**	1544	476	**890**	1634	504	**940**	1724	532	**990**	1814
360	**680**	1256	393	**740**	1364	426	**800**	1472	454	**850**	1562	482	**900**	1652	510	**950**	1742	538	**1000**	1832
365	**690**	1274	399	**750**	1382															

Explanatory Note
The bold type numbers indicate the degrees of temperature, Fahrenheit or Centigrade, whichever is required to be converted. To convert Fahrenheit to Centigrade the equivalent temperature is given on the left of the bold type. To convert Centigrade to Fahrenheit the equivalent temperature is given on the right of the bold type.

Metric/inch conversions

mm	0	10	20	30	40	50	60	70	80	90
0	inches	0·39370	0·78740	1·18110	1·57480	1·96850	2·36220	2·75590	3·14961	3·54331
1	0·03937	0·43307	0·82677	1·22047	1·61417	2·00787	2·40157	2·79528	3·18898	3·58268
2	0·07874	0·47244	0·86614	1·25984	1·65354	2·04724	2·44094	2·83464	3·22835	3·62205
3	0·11811	0·51181	0·90551	1·29921	1·69291	2·08661	2·48031	2·87402	3·26772	3·66142
4	0·15748	0·55118	0·94488	1·33858	1·73228	2·12598	2·51968	2·91338	3·30709	3·70079
5	0·19685	0·59055	0·98425	1·37795	1·77165	2·16535	2·55906	2·95276	3·34646	3·74016
6	0·23622	0·62992	1·02362	1·41732	1·81102	2·20472	2·59842	2·99212	3·38583	3·77953
7	0·27559	0·66929	1·06299	1·45669	1·85039	2·24409	2·63780	3·03150	3·42520	3·81890
8	0·31496	0·70866	1·10236	1·49606	1·88976	2·28346	2·67716	3·07087	3·46457	3·85827
9	0·35433	0·74803	1·14173	1·53543	1·92913	2·32283	2·71654	3·11024	3·50394	3·89764

mm	0	100	200	300	400	500	600	700	800	900
0	inches	3·93701	7·87402	11·8110	15·7480	19·6850	23·6220	27·5590	31·4961	34·4331
5	0·19685	4·13386	8·07087	12·0079	15·9449	19·8819	23·8189	27·7559	31·6929	35·6299
10	0·39370	4·33071	8·26772	12·2047	16·1417	20·0787	24·0157	27·9528	31·8898	35·8268
15	0·59055	4·52756	8·46457	12·4016	16·3386	20·2756	24·2126	28·1496	32·0866	36·0236
20	0·78740	4·72441	8·66142	12·5984	16·5354	20·4724	24·4094	28·3464	32·2835	36·2205
25	0·98425	4·92126	8·85827	12·7953	16·7323	20·6693	24·6063	28·5433	32·4803	36·4173
30	1·18110	5·11811	9·05512	12·9921	16·9291	20·8661	24·8031	28·7402	32·6772	36·6142
35	1·37795	5·31496	9·25197	13·1890	17·1260	21·0630	25·0000	28·9370	32·8740	36·8110
40	1·57480	5·51181	9·44882	13·3858	17·3228	21·2598	25·1968	29·1338	33·0709	37·0079
45	1·77165	5·70866	9·64567	13·5827	17·5197	21·4567	25·3937	29·3307	33·2677	37·2047
50	1·96850	5·90551	9·84252	13·7795	17·7165	21·6535	25·5906	29·5276	33·4646	37·4016
55	2·16535	6·10236	10·0394	13·9764	17·9134	21·8504	25·7874	29·7244	33·6614	37·5984
60	2·36220	6·29921	10·2362	14·1732	18·1102	22·0472	25·9842	29·9212	33·8583	37·7953
65	2·55906	6·49606	10·4331	14·3701	18·3071	22·2441	26·1811	30·1181	34·0551	37·9921
70	2·75590	6·69291	10·6299	14·5669	18·5039	22·4409	26·3780	30·3150	34·2520	38·1890
75	2·95276	6·88976	10·8268	14·7638	18·7008	22·6378	26·5748	30·5118	34·4488	38·3858
80	3·14961	7·08661	11·0236	14·9606	18·8976	22·8346	26·7716	30·7087	34·6457	38·5827
85	3·34646	7·28346	11·2205	15·1575	19·0945	23·0315	26·9685	30·9055	34·8425	38·7795
90	3·54331	7·48031	11·4173	15·3543	19·2913	23·2283	27·1654	31·1024	35·0394	38·9764
95	3·74016	7·67716	11·6142	14·5512	19·4882	23·4252	27·3622	31·2992	35·2362	39·1732

mm	inches	mm	inches	mm	inches
0,001	0·000039	0,01	0·00039	0,1	0·00394
0,002	0·000079	0,02	0·00079	0,2	0·00787
0,003	0·000118	0,03	0·00118	0,3	0·01181
0,004	0·000157	0,04	0·00157	0,4	0·01575
0,005	0·000197	0,05	0·00197	0,5	0·01968
0,006	0·000236	0,06	0·00236	0,6	0·02362
0,007	0·000276	0,07	0·00276	0,7	0·02756
0,008	0·000315	0,08	0·00315	0,8	0·03150
0,009	0·000354	0,09	0·00354	0,9	0·03543

1 METRE = 39·37 INCHES

Inch/metric conversions

inches	mm	inches	mm	inches	mm
1/64 0·015625	0,3969	11/32 0·34375	8,7312	43/64 0·671875	17,0656
1/32 0·03125	0,7938	23/64 0·359375	9,1281	11/16 0·6875	17,4625
3/64 0·046875	1,1906	3/8 0·375	9,5250	45/64 0·703125	17,8594
1/16 0·0625	1,5875	25/64 0·390625	9,9219	23/32 0·71875	18,2562
5/64 0·078125	1,9844	13/32 0·40625	10,3188	47/64 0·734375	18,6531
3/32 0·09375	2,3812	27/64 0·421875	10,7156	3/4 0,75	19,0500
7/64 0·109375	2,7781	7/16 0·4375	11,1125	49/64 0·765625	19,4469
1/8 0·125	3,1750	29/64 0·453125	11,5094	25/32 0·78125	19,8438
9/64 0·140625	3,5719	15/32 0·46875	11,9062	51/64 0·796875	20,2406
5/32 0·15625	3,9688	31/64 0·484375	12,3031	13/16 0·8125	20,6375
11/64 0·171875	4,3656	1/2 0·5	12,7000	53/64 0·828125	21,0344
3/16 0·1875	4,7625	33/64 0·515625	13,0969	27/32 0·84375	21,4312
13/64 0·203125	5,1594	17/32 0·53125	13,4938	55/64 0·859375	21,8281
7/32 0·21875	5,5562	35/64 0·546875	13,8906	7/8 0·875	22,2250
15/64 0·234375	5,9531	9/16 0·5625	14,2875	57/64 0·890625	22,6219
1/4 0·25	6,3500	37/64 0·578125	14,6844	29/32 0·90625	23,0188
17/64 0·265625	6,7469	19/32 0·59375	15,0812	59/64 0·921875	23,4156
9/32 0·28125	7,1438	39/64 0·609375	15,4781	15/16 0·9375	23,8125
19/64 0·296875	7,5406	5/8 0·625	15,8750	61/64 0·953125	24,2094
5/16 0·3125	7,9375	41/64 0·640625	16,2719	31/32 0·96875	24,6062
21/64 0·328125	8,3344	21/32 0·65625	16,6688	63/64 0·984375	25,0031

inches	0	1	2	3	4	5	6	7	8	9	10
0	mm	25,4000	50,8000	76,2000	101,600	127,000	152,400	177,800	203.200	228,600	254,000
1/16	1,5875	26,9875	52,3875	77,7875	103,188	128,588	153,988	179,388	204,788	230,188	255,588
1/8	3,1750	28,5750	53,9750	79,3750	104,775	130,175	155,575	180,975	206,375	231,775	257,175
3/16	4,7625	30,1625	55,5625	80,9625	106,362	131,762	157,162	182,562	207,962	233,362	258,762
1/4	6,3500	31,7500	57,1500	82,5500	107,950	133,350	158,750	184,150	209,550	234,950	260,350
5/16	7,9375	33,3375	58,7375	84,1375	109,538	134,938	160,338	185,738	211,138	236,538	261,938
3/8	9,5250	34,9250	60,3250	85,7250	111,125	136,525	161,925	187,325	212,725	238,125	263,525
7/16	11,1125	36,5125	61,9125	87,3125	112,712	138,112	163,512	188,912	214,312	239,712	265,112
1/2	12,7000	38,1000	63,5000	88,9000	114,300	139,700	165,100	190,500	215,900	241,300	266,700
9/16	14,2875	39,6875	65,0875	90,4875	115,888	141,288	166,688	192,088	217,488	242,888	268,288
5/8	15,8750	41,2750	66,6750	92,0750	117,475	142,875	168,275	193,675	219,075	244,475	269,875
11/16	17,4625	42,8625	68,2625	93,6625	119,062	144,462	169,862	195,262	220,662	246,062	271,462
3/4	19,0500	44,4500	69,8500	95,2500	120,650	146,050	171,450	196,850	222,250	247,650	273,050
13/16	20,6375	46,0375	71,4375	96,8375	122,238	147,638	173,038	198,438	223,838	249,238	274,638
7/8	22,2250	47,6250	73,0250	98,4250	123,825	149,225	174,625	200,025	222,425	250,825	276,225
15/16	23,8125	49,2125	74,6125	100,012	125,412	150,812	176,212	201,612	227,012	252,412	277,812

inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
0·001	0,0254	0·007	0,1778	0·04	1,016	0·1	2,54	0·7	17,78
0·002	0,0508	0·008	0,2032	0·05	1,270	0·2	5,08	0·8	20,32
0·003	0,0762	0·009	0,2286	0·06	1,524	0·3	7,62	0·9	22,86
0·004	0,1016	0·01	0,254	0·07	1,778	0·4	10,16		
0·005	0,1270	0·02	0,508	0·08	2,032	0·5	12,70		
0·006	0,1524	0·03	0,762	0·09	2,286	0·6	15,24		

1 INCH = 25,4 MILLIMETRES

Notes

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Notes

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Notes