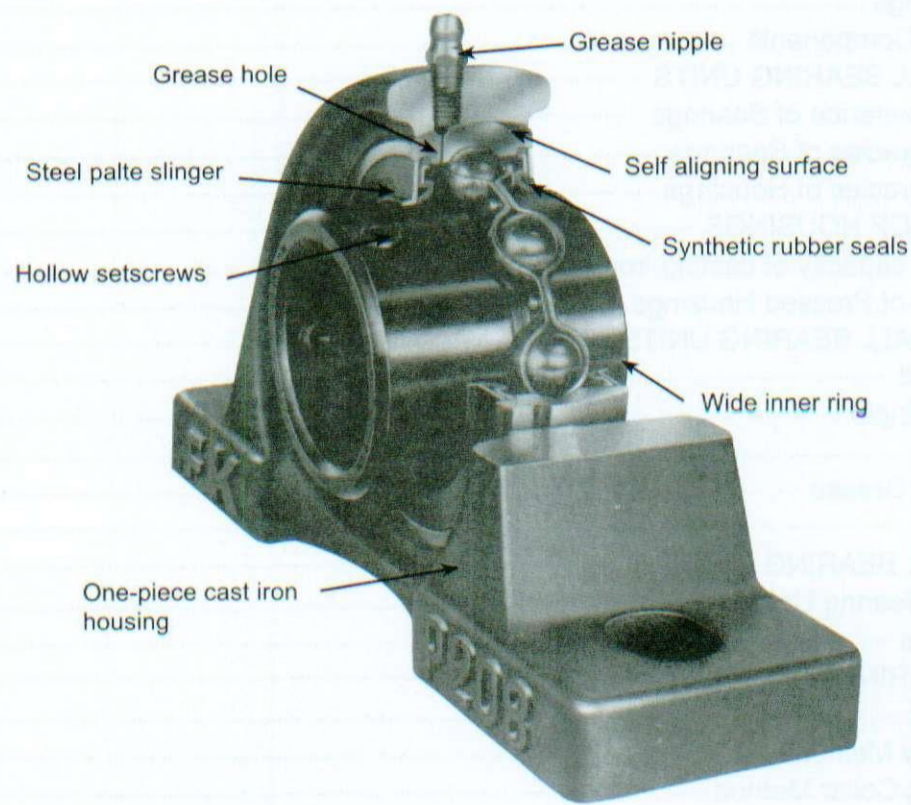


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# FK PILLOW BLOCKS

## 1. STRUCTURE OF FK PILLOW BLOCKS



**(A). Grease nipple for supplying lubricating grease.**

**(B). Grease hole.....**Grease groove on outside of the outer race together with three grease holes provides efficient flow of grease to ball and raceways.

**(C). Hollow set screw .....**Two hollow set screw ensures easy and firm mounting on a shaft.

**(D). One-piece cast-iron housing.....**of rigid structure and fault-free.

**(E). Steel plate slinger.....**Perfect sealing with steel slingers and synthetic rubber seals excludes dust efficiently. Centrifugal force generated by shaft rotation also prevents the grease from leaking out of bearing.

**(F). Synthetic rubber seals.....**Synthetic rubber seals placed between the inner ring and the outer ring prevent lubricating grease from leaking as well as preventing moisture and dust from entry.

**(G). Self-aligning surface.....**Self-aligning in any direction enable misaligned shaft to be centered and aligned without distorting seals.

## 2. COMBINATION TABLES OF BALL BEARING UNITS AND BEARING HOUSINGS

A ball bearing unit consists of a ball bearing and a bearing housing. There are many different ball bearing units available. **Table 1** shows some of the combinations of ball bearings and housings. Also, there are many kinds of ball bearings which are classified according to the method of mounting on the shaft, the bore diameter series, and the outer ring outside profiles, as well as the diameter series and the width series. **Table 2** lists the ball bearings for bearing units. The solid circle ● means that the units or bearings are listed in the dimensional tables, while the white circle ○ means that bearing units or bearings are not listed. Please contact FK for the availability of bearing units marked with ○ symbol.

**Table 1** Combinations of ball bearings and bearing housings

Housing model	Models of ball bearings for units											
	UC2	UC3	UCX	UK2	UK3	UKX	SB2	SA2	HC2	HC3	SC2	SC3
P(PX)	●	●	●	●	●	●	○	○	●	●		
F(FX)	●	●	●	●	●	●	○	○	●	●		
FL(FLX)	●	●	●	●	●	●	○	○	●	●		
FC(FCX)	●		●	●		○	○	○	●			
T(TX)	●	●	●	●	●	●	○	○	●	●		
C(CX)	●	●	●	●	●	●	○	○	●	●		
PA	●			○			○	○	○			
PG	●			○			○	○	○			
PH	●			○			○	○	○			
PW	●			○			○	○	○			
FA	●			○			○	○	○			
FB	●			○			○	○	○			
FD							●	●				
FS		●			○					○		
FT	○								○			
FU	●								○			
FW							●	●				
HA	●			○			○	○	○			
HE	●			○			○	○	○			

Housing	Models of ball bearings for units											
model	UC2	UC3	UCX	UK2	UK3	UKX	SB2	SA2	HC2	HC3	SC2	SC3
LF							●	●				
LP	●			●			○	○	○			
PF							●	●				
PFL							●	●				
PFT							●	●				
PP							●	●				
PPR							●	●				

**Table 2** Variety of ball bearing models

Model classification	Models of ball bearings for units												
	UC2	UC3	UCX	UK2	UK3	UKX	SB2	SA2	HC2	HC3	SC2	SC3	SER
metric bore	●	●	●	●	●	●	●	●	●	●	●	●	●
inch outer ring outside	●	●	●	●	●	●	●	●	●	●	○	○	●
dimensional bore Cylindrical	●	○	○	○	○	○	●	●	○	○			●

### 3. MATERIALS OF BALL BEARING UNITS

#### 3.1 Materials of Bearings

The materials of the race and ball of bearing require enough hardness and the following qualities:

- (1). Large fatigue strength against repeated stress due to fatigue fracture of the race surface which governs the life of the bearing.
- (2). High limit of elasticity and high yield strength to prevent deformation when a large load is applied per unit area.
- (3). Large abrasion resistance against sliding friction between the retainer and the ball.
- (4). High strength against crack due to impact load and failure caused by improper fitting etc.
- (5). Small secular change in dimension and shape due to change of structure or internal stress.

GCr15 Steel <JIS G4805>(High carbon chromium bearing steel) satisfies the above comparatively well, and its chemical composition is shown in the following table.

#### Chemical composition of High carbon chromium bearing steel

Class	JIS Symbol	Chemical Composition (%)					
		C	Si	Mn	P	S	Cr
1	SUJ1	0.95-1.10	0.15-0.35	Under 0.50	Under0.025	Under0.025	0.90-1.20
2	SUJ2	0.95-1.10	0.15-0.35	Under 0.50	Under0.025	Under0.025	1.30-1.60
3	SUJ3	0.95-1.10	0.40-0.70	0.9-1.15	Under0.025	Under0.025	0.90-1.20

In order to maintain uniform quality of materials, FK keeps fully equipped installations and performs strict acceptance tests and inspections based on the strict acceptance standards in addition to JIS-standards.

Kinds of test done at the FK are mainly chemical analysis, magnetic exploration, ultrasonic exploration, corrosion by strong acid, inspection of structure by naked eyes, inspection of structure by microscope, crusher test and hardness etc.

#### Material of the Cage and the Rivet

The material of cage is JIS G3141 (Cold rolled carbon steel sheet and strip) SPCC, and it is formed by the press.

The material of the rivet is JIS G3507 (Low carbon steel wire rods) SWRCH 12A.

### 3.2 Materials of Housings

The material of the housings is HT200 JIS G5501(Gray iron casting) and the mechanical properties are shown in the following table.

#### Mechanical properties of Gray cast iron HT200

symbol	Thickness (mm)	Dia. Of testing bar (mm)	Tension test	Traverse braking test		Pressure strength	Hardness test
			Tensile strength	Bender strength	Deflection		Hardness
			(kgf/mm <sup>2</sup> )	(kgf/mm <sup>2</sup> )	(mm)	(HB)	
HT200 (FC200)	Over 6-8	13	Over 32	53	1.8	75	187-255
	Over 8-15	20	Over 25	45	2.5	75	170-241
	Over 15-30	30	Over 20	40	2.5	75	170-241
	Over 30-50	45	Over 18	34	3.0	75	170-241
	Over 50	60	Over 16	31	4.5	75	163-229

### 3.3 Materials of Other Components

Components	Materials used	JIS symbols	JIS number
Sleeve for adapter	Carbon steel for machine structural use	S25C	JIS G 4051
Nut for adapter	Carbon steel for machine structural use	S25C	JIS G 4051
Washer for adapter	Cold rolled carbon steel sheet and strip	SPCC	JIS G 3141
Oil seal	Synthetic nitrile rubber	-	-
Slinger	Cold rolled carbon steel sheet and strip	SPCC	JIS G 3141
Hexagon set screw	Nickel chromium molybdenum steel	SCM 435	JIS G 4105
Hexagon wrench key	Nickel chromium molybdenum steel	SNCM630	JIS G 4103
Grease nipple	Free cutting brass bar	C3604	JIS H 3250

## 4. ACCURACY OF BALL BEARING UNITS

### 4.1. Radial Internal Clearance of Bearings

The radial internal clearance of the bearing for the unit is same with the reference value of JIS B1520 deep-groove ball bearings. Generally, the Normal clearance is adopted for cylindrical bore bearings and C3 clearance which is a little greater is adopted for tapered bore bearings. When the environmental temperature is very high or when the temperature difference between the outer and inner rings is large, a larger clearance must be adopted because the clearance decreases due to thermal expansion of the bearings materials and temperature gradient in the bearing.

4.1.1 Cylindrical bore bearings

Unit = 0.001mm

Bore diameter d (mm)		Clearance symbols							
		C2		Normal		C3		C4	
over	incl.	min.	max.	min.	max.	min.	max.	min.	max.
10	18	0	9	3	18	11	25	18	33
18	24	0	10	5	20	13	28	20	36
24	30	1	11	5	20	13	28	23	41
30	40	1	11	6	20	15	33	28	46
40	50	1	11	6	23	18	36	30	51
50	65	1	15	8	28	23	43	38	61
65	80	1	15	10	30	25	51	46	71
80	100	1	18	12	36	30	58	53	84
100	120	2	20	15	41	36	66	61	97
120	140	2	23	18	48	41	81	71	114

4.1.2. Tapered bore bearings

Unit = 0.001mm

Bore diameter d (mm)		Clearance symbols							
		C2		Normal		C3		C4	
over	incl.	min.	max.	min.	max.	min.	max.	min.	max.
24	30	5	20	13	28	23	41	30	53
30	40	6	20	15	33	28	46	40	64
40	50	6	23	18	36	30	51	45	73
50	65	8	28	23	43	38	61	55	90
65	80	10	30	25	51	46	71	65	105
80	100	12	36	30	58	53	84	75	120
100	120	15	41	36	66	61	97	90	140
120	140	18	48	41	81	71	114	105	160

4.2. Dimensional Accuracies of Bearings

The dimensional accuracy of FK bearings follows the dimensional accuracy prescribed in ISO/TC4/SC6 ball bearings for rolling bearing units.

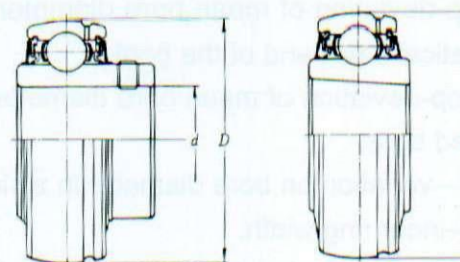
4.2.1. Accuracies of outer ring

Unit = 0.001mm

D (mm)		$\Delta D_{mp}$		Kea
over	incl.	max.	min.	max.
30	50	0	-11	20
50	80	0	-13	25
80	120	0	-15	35
120	150	0	-18	40
150	180	0	-25	45
180	250	0	-30	50

UC-type

UK-type



D-----outside diameter of bearing.  
 $\Delta$ Dmp---deviation of mean outside diameter  
 Kea-----radial runout of outer ring.

#### 4.2.2. Accuracies of inner ring

Unit = 0.001mm

d (mm)		Cylindrical bore bearing								Kia
		Bore diameter						$\Delta$ Bs, Cs		
		UC,HC,SA,SB,SER			SC			$\Delta$ Bs, Cs		
		$\Delta$ dmp		Vdp	$\Delta$ dmp		Vdp			
over	incl.	max.	min.	max.	max.	min.	max.	min.	min.	max.
10	18	+15	0	10	0	-8	6	0	-120	15
18	30	+18	0	12	0	-10	8	0	-120	18
30	50	+21	0	14	0	-12	9	0	-120	20
50	80	+24	0	16	0	-15	11	0	-150	25
80	120	+28	0	19	-	-	-	0	-200	30
120	180	+33	0	22	-	-	-	0	-250	35

d---bore diameter.

$\Delta$ dmp-deviation of mean bearing bore diameter in a single plane.

Vdp---variation of bearing bore diameter in a single radial plane.

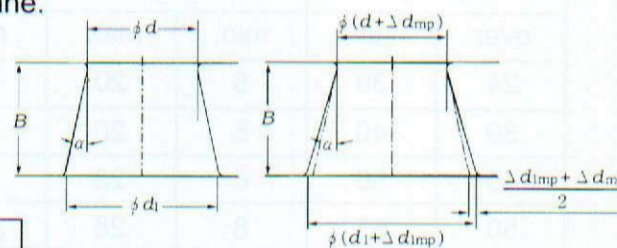
$\Delta$ Bs---deviation of a single inner ring width.

$\Delta$ Cs---deviation of a single outer ring width.

Kia---radial runout of inner ring.

#### 4.2.3. Accuracies of tapered bore

mm		$\Delta$ dmp		$\Delta$ d1mp- $\Delta$ dmp		Vdp <sup>1)</sup>
over	incl.	max.	min.	max.	min.	max.
18	30	+33	0	+21	0	13
30	50	+39	0	+25	0	15
50	80	+46	0	+30	0	19
80	120	+54	0	+35	0	25
120	180	+63	0	+40	0	31



1). Applies in any single radial plane of the bore.

d--- bore diameter

d1---diameter at the theoretical large end of a basically tapered bore  $d_1 = d + 1/12B$ .

$\Delta$ dmp-deviation of mean bore diameter in a single plane (for a basically bore, dmp refers to the theoretical small end of the bore).

$\Delta$ d1mp-deviation of mean bore diameter in a single plane at the theoretical large end of a basically tapered bore.

Vdp---variation on bore diameter in a single radial plane.

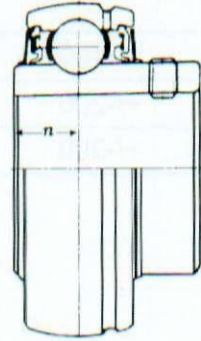
B-----inner ring width.

a-----the taper angle (half the cone angle) is

$$a = 2^\circ 23' 9.4'' = 2.38594^\circ = 0.041643 \text{ rad.}$$

Tolerance in distance n from center line of spherical outer ring to side of inner ring

Unit = 0.001mm



Nominal dimensions of bore diameter d (mm)		Tolerance of n
over	incl.	
-	50	+/-200
50	80	+/-250
80	120	+/-300
120	-	+/-350

#### 4.3 Dimensional Accuracies of Housings

The dimensional accuracy of FK housing follows the dimensional accuracy prescribed in JIS B 1559 housings for rolling bearing units. The spherical inside diameter of FK housing follow the dimension prescribed as fitting symbol J.

##### 4.3.1. Tolerance of spherical bore diameter of housings

Unit = 0.001mm

Nominal dimension of spherical bore diameter D. (mm)		Housing for loose fit				Housing for sliding fit				Housing for sliding fit			
		Symbol H				Symbol J				Symbol K			
		D1m		D1		D1m		D1		D1m		D1	
over	incl.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.
30	50	+25	0	+30	-5	+14	-11	+19	-16	+7	-18	+12	-23
50	80	+30	0	+36	-6	+18	-12	+24	-18	+9	-21	+15	-27
80	120	+35	0	+42	-7	+22	-13	+29	+20	+10	-25	+17	-32
120	180	+40	0	+48	-8	+26	-14	+34	-22	+12	-28	+20	-36
180	250	+46	0	+55	-9	+30	-16	+39	-25	+13	-33	+22	-42

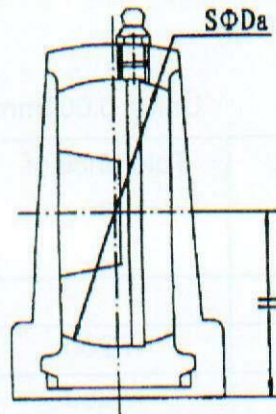
Notes: a).D1m is given by the following equation, where D1max and D1min in the equation are maximum and minimum values measured respectively.

$$D1m = \frac{D1max. + D1min.}{2}$$

b). Dimensional tolerance for spherical inside of housings are divided into loose fit H, sliding fit J and sliding fit K.

c). When the contained bearing are equipped with locking-pins, loose fit is applied.

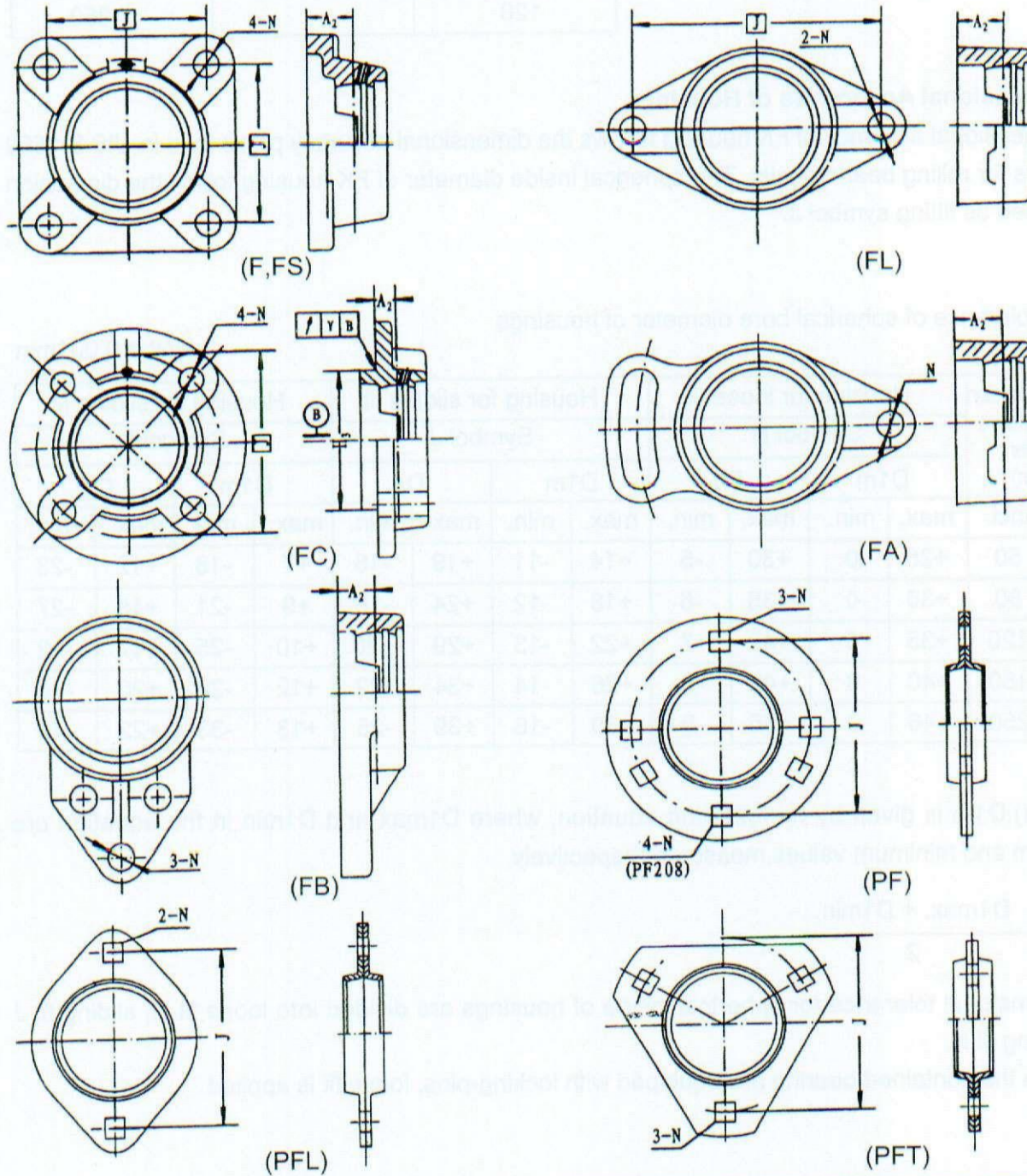
#### 4.3.2. Dimensional Accuracies of Pillow Block-type Housings



Unit = 0.001mm

Housing nominal No. P.LP.PH.PA.PW.	Tolerance of H
203-210 X05-X10 305-310	+/-150
211-218 X11-X18 311-318	+/-200
- X20 319-328	+/-300

#### 4.3.3. Dimensional Accuracies of Flange-type Housings



Unit = 0.001mm

Unit = 0.001mm

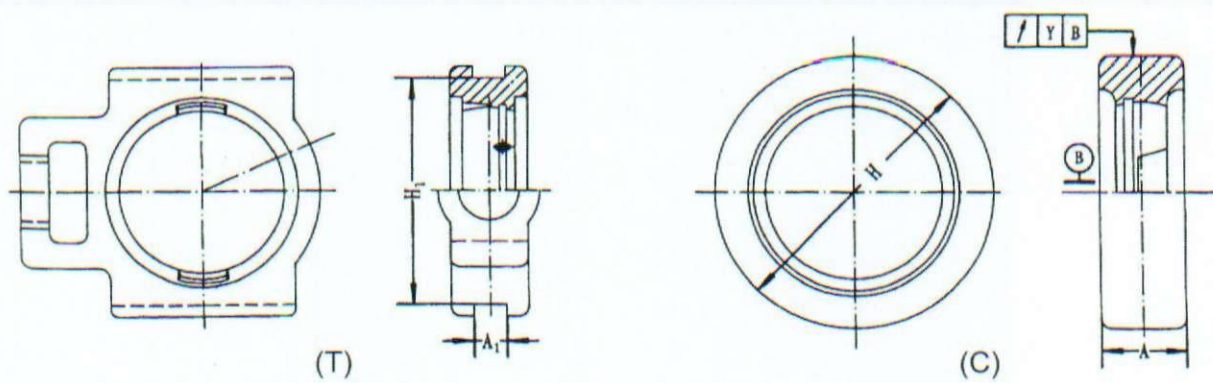
Housing nominal No.			Tolerance of J	Tolerance of A <sub>2</sub>	Housing nomina No.			Tolerance of H <sub>3</sub>						Tolerance of J	Tolerance of A <sub>2</sub>	Tolerance of spigot run-out max. Y						
								FC 2..		FCX..		FS 3..										
F,FL	F,FL	F,FL			FC	FC	FS	max.	min.	max.	min.	max.	min.									
204	-	-	±700	±500	204	-	-			-	-	-	-	±700	±500	200						
205	X05	305			205	X05	305	0	-46	0	-46	0	-46									
206	X06	306			206	X06	306															
207	X07	307			207	X07	307			0	-54	0	-54									
208	X08	308			208	X08	308	0	-54	0	-54											
209	X09	309			209	X09	309															
210	X10	310			210	X10	310					0	-63									
211	X11	311			±1000	±800	211	X11	311										±1000	±800	300	
212	X12	312					212	X12	312			0	-63									
213	X13	313					213	X13	313													
214	X14	314	214	X14			314	0	-63													
215	X15	315	215	X15			315					0	-72									
216	X16	316	216	X16			316															
217	X16	317	217	X16			317															
218	X18	318	218	X18			318	0	-72	0	-72											
-	-	319					-	-	319													
-	X20	320					-	X20	320													
-	-	321			-	-	321			0	-81											
-	-	322			-	-	322	-	-													
-	-	324			-	-	324															
-	-	326			-	-	326			0	-89											
-	-	328			-	-	328															

#### 4.3.4. Dimensional accuracies of Take-up and Cartridge type housings

Unit = 0.001mm

Unit = 0.001mm

Housing nominal No.			Tolerance of A <sub>1</sub>	Tolerance of H <sub>1</sub>	Parallelism of sliding slot max.	Housing nominal No.			Tolerance of H				Tolerance of Y	Tolerance of A						
									C 2..		CX..				C 3..					
T2	TX	T3				C2	CX	C3	max.	min.	max.	min.	max.	min.						
204	-	-	+200 0	0 -500	500	204	-	-			-	-	-	-	200	±200				
205	X05	305				205	X05	305	0	-30										
206	X06	306				206	X06	306				0	-35	0			-35			
207	X07	307				207	X07	307												
208	X08	308				208	X08	308	0	-35										
209	X09	309				209	X09	309												
210	X10	310				210	X10	310				0	-40	0			-40			
211	X11	311				211	X11	311	0	-40										
212	X12	312				212	X12	312												
213	X13	313									213									
214	X14	314	+300 0	0 -800	600	-	-	314							300					
215	X15	315				-	-	315												
216	X16	316				-	-	316						0			-46			
217	X17	317				-	-	317												
-	-	318				-	-	318											±300	
-	-	319				-	-	319												
-	-	320																		
-	-	321						700						0			-52			
-	-	322																		
-	-	324																		
-	-	326			800						0	-57								
-	-	328																		



**4.3.5 .Dimensional accuracies which are not prescribed individually in dimensional accuracy of housings**

The accuracies of machining parts which are not prescribed in the foregoing dimensional accuracies of housings follow **JIS B 0405** [ permissible machining deviations in dimensions without tolerance indication ] middle class accuracy of machining.

Unit = mm

Dimensions	over 0.5 incl. 6	over 6 incl. 30	over 30 incl. 120	over 120 incl. 315	over 315 incl. 1000
<b>Middle class dimensional tolerance</b>	±0.1	±0.2	±0.3	±0.5	±0.8

**4.3.6.Tolerance of castings.**

Dimensional accuracies of casting follow JIS B 0407 [ Permissible deviations in dimensions without tolerance indication for iron castings ] medium class accuracy.

Unit = mm

Tolerance in length			Tolerance in thickness		
Nominal dimensions		Tolerance	Nominal dimensions		Tolerance
over	incl.		over	incl.	
-	120	±1.5	-	-	-
120	250	±2.0	-	10	±1.5
250	400	±3.0	10	18	±2.0
400	800	±4.0	18	30	±3.0
800	1600	±6.0	30	50	±3.5

**5. ALLOWABLE LOAD OF HOUSINGS**

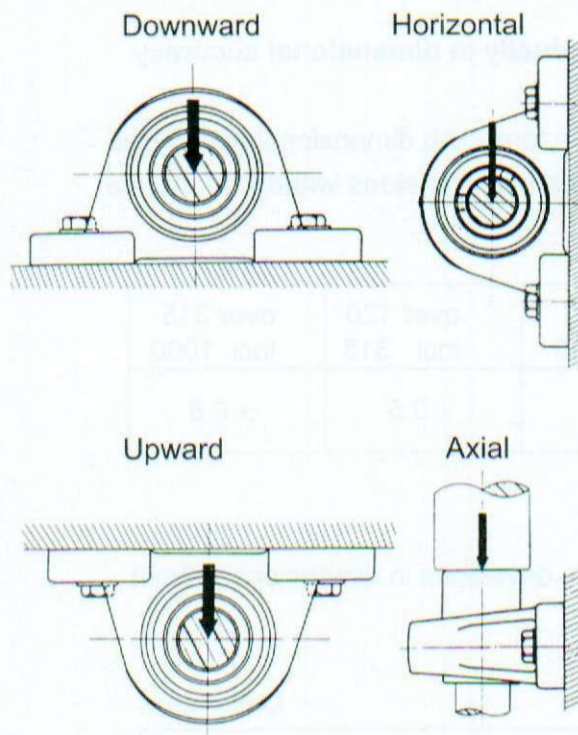
The allowable loading capacities of the housings differ substantially, depending on the housing shape and the load direction. Since the ball bearing units is complicated in form, it is difficult to calculate their allowable loading capacities. In many cases, such values are entirely different from the actual ones.

For such reason, the P type housings is taken up here as the most popular example. The strength to the load from each direction is shown here as obtained from the actual test.

**5.1 Allowable loading capacity of Cast-iron Housing**

As to the P type housing the destruction strength of downward, upward, horizontal and axial directions is shown below.

The difference between the Loading capacity and the destruction of the housing represents the safety of the housing.

**Destruction strength of Pillow type housing**


Nominal number	Downward direction destruction strength (kgf)	Upward direction destruction strength (kgf)	Horizontal direction destruction strength (kgf)	Axial direction destruction strength (kgf)
P203	7100	3000	5000	1100
P204	8100	3300	5600	1700
P205	9400	3700	6100	1800
P206	12300	5000	9000	2200
P207	16200	6100	10100	2400
P208	18100	6600	10900	2500
P209	18800	7000	12400	2600
P210	19400	7500	13800	3200
P211	21000	8200	15200	3400
P212	27500	10500	17300	4400
P213	29000	11500	19000	5100
P314	39900	16400	27000	9500
P315	42600	18300	30000	11100
P316	46800	19400	34500	12300
P317	49100	20900	36000	12700
P318	54900	22400	38400	13400
P319	59900	24000	41800	14000
P320	67800	27100	56300	17400
P322	83000	33000	60400	19000

**5.2 Allowable Load of Pressed Housings**

Pressed housing shows deformation when subjected to the load. The deformation depends upon direction and amount of the Load, form of the housing, and thickness of steel plate. Therefore, the allowable load of the housings must be such an amount that deformation of the housing may not disturb the function.

The allowable load of the plate housing is approximately 1/3 of the basic load rating in the radial direction, and approximately 1/3 of allowable radial load in the axial (thrust) direction.

**6. LUBRICATION OF BALL BEARING UNITS**
**6.1 Permissible Speed**

Permissible speed of a ball bearing is expressed normally in terms of  $dn$  value (Bearing bore diameter mm x operating speed r.p.m.), although it is influenced by the shape, size, lubricant type and seal device. The permissible speed can be roughly determined by the sliding speed at the friction part of the holding device and rolling body. In the case of ball bearing unit, it is provided with grease sealed by the oil seals and slingers. Accordingly, the friction resistance at seal contact yields also a large influence on the permissible speed.

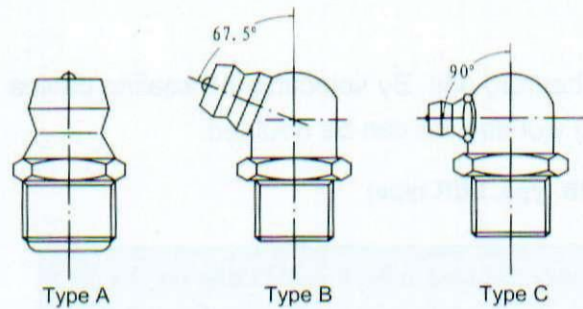
When such factors are taken into consideration, the permissible speed is given as follows:

$$Dn \leq 150,000 \quad [dn = d \times n]$$

Whereas, **d**: Bearing bore diameter (mm)

**n**: Operating speed (r.p.m.)

### 6.2 Type of Grease Nipple



Applicable housing		Type of grease nipple
Type	No.	
P(PX),F(FX), FL(FLX),FC(FCX) T(TX),C(CX),PH PA,PW,PG,LP, FS,FD,FW,FT,FU, FA,FB,HA,HE,LF	203(S)~210	M6X1
	305~309	
	X05~09	
	211~215	M8X1
	310~315	
	X10~14	
	216~218	M10X1
	316~328	
	X15~20	

### 6.3 Lubricant Grease

Ball bearing units adopts the lubrication mechanism by grease. Since the ball bearing itself is required high precision, the grease must be in particularly fine quality.

Various types of grease are sold in the market; each having different combination of mineral oil and metal saponification radical. Among them, lithium saponification radical grease is usually called, "Multi-purpose Grease". It has outstanding properties of heat resistance, low temperature resistance, water expellent and mechanical stability; it is most suitable for a ball bearing unit.

At present, "Gold Pillow Lube" grease is used for the standard product of F K and is lithium saponification radical grease. It is most suitable for the ball bearing.

### 6.4 Replenishment of Grease

Since the high quality grease is used for the ball bearing unit, the grease can be used for a considerable time without the grease supply, if the bearing working condition is favorable and the operation temperature is not too high.

However, even if the best quality grease is used, the quality deterioration cannot be prevented as the time passes by. When the dust or moisture surrounds the bearing too much or the bearing is subjected to the high temperature, the grease must be supplied periodically according to the grease deterioration.

F K ball bearing unit has such a construction so as to allow the grease replenishment during the use. Grease is injected into the grease nipple by use of the grease gun. Through the oil groove provided in the bearing outer ring and the oil hole, it is supplied to the inside of bearing.

The grease supply interval is dependent on the kind and quality of the grease to be used as well as the operations conditions of the bearing. Under the normal operation condition, however, the value as obtained by the following formula is recommended.

$$N = 10^{10} / d$$

Whereas, **N**: Total rotation number until the replenishment or replacement

**d**: Bearing bore diameter (mm)

If the revolution number per minute constant, the replenishment interval is expressed in terms of the time as follows:

Whereas **H**: Replenishment interval (hr)

**n**: Operating speed (r.p.m.)

$$H = \frac{1 \times 10^{10}}{60n \cdot d}$$

Different from the previous calculation data, the following table shows the approximate grease supply interval obtained empirically from various ambient conditions and bearing operation temperatures.

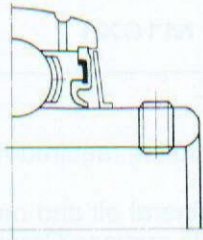
### Grease supply period

Ambient condition	Bearing operation temp (°C)		Supply period	
	over	below	dn: under 50000	dn: over 50000
Fairly clean	-	50	Non~supply	1.5~3 years
	50	70	1~2 years	6~12 months
	70	100	4~8 months	1~3 months
	100	-	2~4weeks	1~2 weeks
Somewhat dusty	-	50	1~2 years	6~12 months
	50	70	4~8 months	2~4 months
	70	100	3~6 weeks	2~4 weeks
	100	-	1~2 weeks	Every week
Considerably dust	-	70	1~2 months	3~6 weeks
	70	100	2~4 weeks	1~2 weeks
	100	-	1~7 days	1~3 days
Much moisture and water splash	-	-	1~3 days	Every day

## 7. SEALING DEVICES

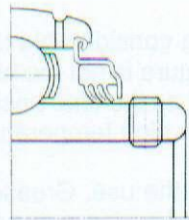
Following kinds are used as the sealing device of FK ball bearing unit. By selecting the sealing device which is most suitable to the application condition, the bearing working life can be doubled.

### 7.1 B-type sealing device (Applicable bearing...UC type, HC type, RB type, SER type)



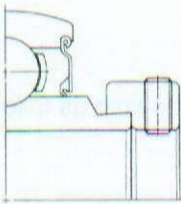
This is the original sealing device. Oil seal is fixed in the outer ring inner diameter groove, while the slinger is set at the inner with inner ring outer diameter. Furthermore, the simultaneous revolution with inner ring generates the wind pressure for dust-proof property. This constitutes the ideal labyrinth. Effective dust-proof property is thus guaranteed.

### 7.2 L-III type Sealing Device (Applicable bearing ... UC type, UK type, HC type, RB type, SER type)



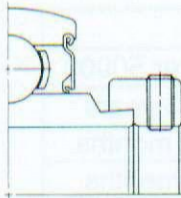
This is an epochmaking new seal, which can be said to be a revolution in the bearing sealing. The metal cap and synthetic rubber seal are baked together to form a single seal. Seal lip has sufficient tightening allowance. Furthermore, the lip layers are of double or triple construction and the foreign matters such as dust, water, etc. are completely shut out. This sealing system shows its outstanding performance under such severe ambient conditions as dust, dirty water, gas and chemicals, where it has been so difficult to be controlled.

### 7.3 J type Sealing Device (Applicable bearing ... SA type, SB type, SC type)



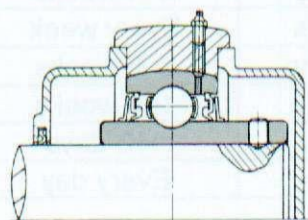
Synthetic rubber is adhered by baking to the core piece. It is inserted into groove of the outer ring and fitted the inner ring Outer diameter. It has low friction, high property in oil resistance and good mechanical stability.

### 7.4 K type Sealing Device (Applicable bearing ... SA type)

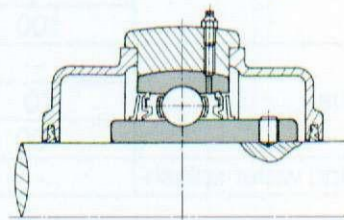


Special synthetic rubber is baked at the inside of thick steel shield plate and is fixed with the outer ring of bearing. The inner ring Outer diameter special synthetic rubber contacts reasonably tight so that the friction resistance will be lessened. The thick steel plate protects the rubber seal. This combined effect ensures the long service life even under considerably unfavorable conditions.

Dust-proof Unit with end-covers:opened



Dust-proof Unit with end-covers:one opened,another closed



## 8. HANDLING OF BALL BEARING UNITS

### 8.1 Selection of ball bearing units

As the excellent characteristics of ball bearing unit is recognized, its application fields are always expanded and at present it is used in all aspects of industrial activities in general.

Its expected service life can be extended twice by using the ball bearing unit correctly. On the contrary, inappropriate selection and handling will shorten the expected service life.

Therefore, it is necessary to examine the following items thoroughly, when the ball bearing unit is selected.

1. Size and nature of the working load.
2. Desirable minimum expected service life.
3. Operating speed of the shaft.
4. Bearing number and parallel application arrangement on the shaft in question.
5. Available space for assembling and disassembling work.
6. Appearance at the place to be used.
7. Gas generation and dust condition at the installation place.
8. Ambient temperature at the installation place.
9. Machining precision of the facility, to which the bearing is applied.
10. Maintenance and control, including the lubrication system.

The above items are regarded as the selection conditions, and the items 1,2 and 3 can be examined by the service life calculation of the ball bearing unit.

As to the item 4 such a type, as allows the alignment adjustment through the installation modification, must be selected, since the mutual alignment work becomes necessary even in the case of automatic alignment adjusting type, where many sets of bearing can be applied to one shaft.

Regarding the item 5, it must be examined if enough installation space is available or not, in order to know in what manner the installation work can be done.

Item 6 may suggest the necessity of the clean and aesthetic design, depending on the application purpose of the machine involved. For example, such consideration will be needed for the application to the electric appliance or sewing machine.

Items 7 and 8 mean that it must be studied if the gas and chemicals, or high temperature, which are harmful to ball bearing, are existing or not.

As suggested in Item 9, the ball bearing unit must suit to the processing precision of the installation section.

Item 10 covers the maintenance and inspection problem, namely, how easily the maintenance can be done, or if the unit is installed inside the machine where the lubrication can hardly be done or if the lubrication must be and how etc. The optimum selection of bearing unit, right unit for right place, will ensure the full development of performance of ball bearing unit.

### 8.2 Selection of Shafts

The ball bearing unit is provided with hexagonal hollow set screws at two spots located at 120° one side of inner ring. Mounting on the shaft normally adopts loose fit. In this case, the following relationship between the shaft and the inner bore is recommended.

**Dimensional accuracy of the shaft to be used in the cylindrical bore bearing (Loose fit)**

Unit = 0.001mm

Shaft Diameter (mm)		for lower speed		for medium speed		for rather high speed		for high speed	
		symbol h 9		symbol h 8		symbol h 7		symbol j 6	
over	incl.	max.	min.	max.	min.	max.	min.	max.	min.
10	18	0	-43	0	-27	0	-18	+8	-3
18	30	0	-52	0	-33	0	-21	+9	-4
30	50	0	-62	0	-39	0	-25	+11	-5
50	80	0	-74	0	-46	0	-30	+12	-7
80	120	0	-87	0	-54	0	-35	+13	-9
120	180	0	-100	0	-63	0	-40	+14	-11

However, if the ball bearing unit is used at high rotation speed or under heavy load, the shaft fit must adapt a tight fit.

The bearing can be also installed to the shaft by use of the adapter assembly. This is a convenient method that can be used as the intermediate bearing of a relatively long shaft or a slight difference is found at the shaft dimension. In this method, the bearing inner diameter makes 1:12 taper and the corresponding tapered adapter sleeve is applied, followed by nut tightening:

Therefore, a slight difference in shaft diameter does not cause much trouble.

**Dimensional accuracy of the shaft to be used in cylindrical Bore bearing (Tight fits case).**

unit = 0.001mm

**Dimensional accuracy of the shaft to be used in the taper bore bearing.**

unit = 0.001mm

Shaft Diameter (mm)		Deviation of tolerance in shafting								Deviation of tolerance in shafting					
		for higher speed		for rather heavy load		for highest speed		for heavy load		Shaft Diameter (mm)		for short shaft		for long shaft	
over	incl.	symbol m6		symbol m7		symbol n6		symbol n7		over	incl.	symbol h 9		symbol h 10	
		max.	min.	max.	min.	max.	min.	max.	min.			max.	min.	max.	min.
10	18	+18	+7	+25	+7	+23	+12	+30	+12	10	18	0	-43	0	-70
18	30	+21	+8	+29	+8	+28	+15	+36	+15	18	30	0	-52	0	-84
30	50	+25	+9	+34	+9	+33	+17	+42	+17	30	50	0	-62	0	-100
50	80	+30	+11	+41	+11	+39	+20	+50	+20	50	80	0	-74	0	-120
80	120	+35	+13	+48	+13	+45	+23	+58	+23	80	120	0	-87	0	-140
120	180	+40	+15	+55	+15	+52	+27	+67	+27	120	180	0	-100	0	-160

## 9. MOUNTING OF BEARING ON SHAFTS

### 9.1 Setscrew method

This method is to mount the bearing unit to the shaft with two set screws located at two places on one side of wide inner ring which make 120° each other.

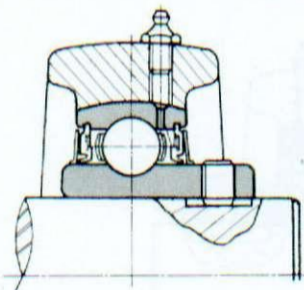
**F K** setscrews are of self-locking knurled cup point types. This self-locking knurled cup point type setscrew has peculiar edge points as shown in the figure and counter-clockwise knurl to prevent loosening back. The material is special alloyed steel (Nickel chromium molybdenum steels) which has high tensile and shear strength. The hexagon hollow of setscrew is deeper than before and hence enough tightening force can be applied. The head is never broken nor deformed.

Installation to the shaft can be sufficiently made, if the grub screws are tightened by application of the tightening torque as shown in the following table.

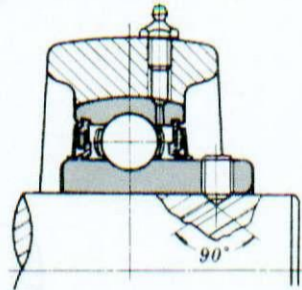
**Proper tightening torque of setscrews**

Bearing No.				Setscrew	Tightening torque (kgf-cm)
SB201~203				M5x0.8	35
SB204~206	UC201~UC206	UCX05	UC305~UC306	M6x1.0	55
SB207~209	UC207~UC209	UCX06~UCX08	UC307	M8x1.0	115
SB210~212	UC210~UC213	UCX09~UCX12	UC308~UC309	M10x1.0	220
	UC214~UC218	UCX13~UCX17	UC310~UC314	M12x1.5	330
		UCX18	UC315~316	M14x1.5	420
		UCX20	UC317~319	M16x1.5	640
			UC320~UC324	M18x1.5	750
			UC326~UC328	M20x1.5	1200

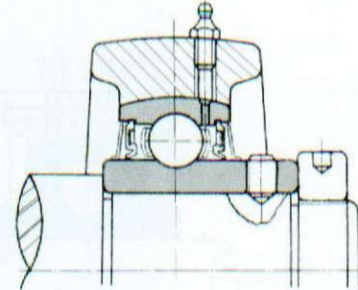
In case either the vibration is caused to the bearing, the reciprocal movement takes place, the load charged on the bearing is large, or the shaft revolution speed is rapid, then it is desired to provide with the filed seat or concave section at the part where the setscrews with the shaft. If the thrust load is large, it is more effective to use joggling tightened with nuts.



File the shaft surface where the setscrews are positioned.



Make the concave section at the shaft surface where the setscrews are positioned.



When a large thrust load is charged, it is better to use joggling tightened with nuts.

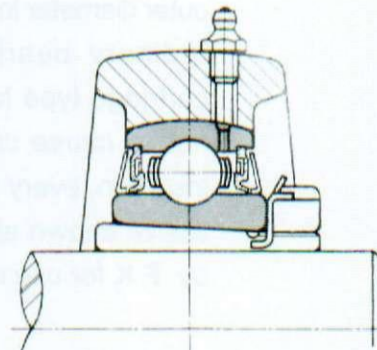
**9.2 Adapter assembly method**

According to this system, the inner ring diameter of bearing has the taper of 1:12. Prior to the bearing installation the sleeve is installed to an arbitrary position as shown in the right drawing. After the shake-proof washer is inserted, the nut is tightened.

"The proper nut tightening condition can be obtained if it is tightened enough by a hand and is then rotated by 2/5 ~ 3/5 revolution with a spanner".

After the nut is tightened, bend the shake proof washer within the slot. If not, the nut may be loosened and the creep may be caused between the shaft and sleeve.

If tightened too hard, the clearance between the shaft and the sleeve may be reduced, and the exothermic and burning phenomenon may be caused.



**9.3 Eccentric Locking Collar Method**

The bearing installation to the shaft by using the eccentric locking collar is one of the methods. The eccentric part of the collar mates with section of inner ring and, in this way, the bearing is Locked to the shaft.

In the normal hexagonal hollow setscrew or adapter assembly case, the shaft and inner ring are simply locked. Different from such a method, the revolving force of shaft is utilized as the tightening force in this case.

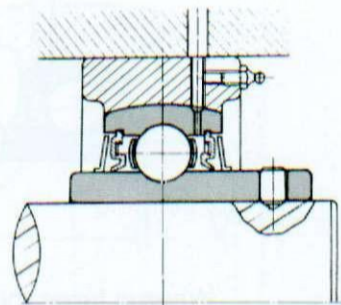
The assembly to the shaft is done only by tightening the eccentric locking collar to the shaft by use of the setscrew.

The tightening force of the setscrew can be the same level as that of common setscrew type. Since the shaft revolution force or load does not directly act on the setscrew, the setscrew is not loosened.

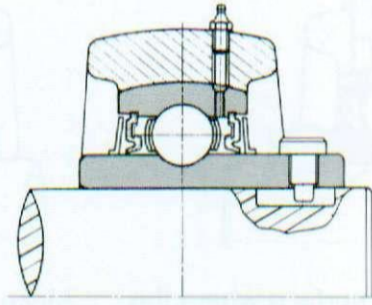
#### 9.4 Axial movement due to expansion and shrinkage

It is often that under some driving conditions the shaft expands or shrinks, the bearing is moved. The wheel shafts of truck, for example, must be moved in thrust direction while to some extent. When the shaft is used at high temperature, the thermal expansion of shaft becomes larger as the shaft is longer. If the all bearing are fixed to the shaft in this case, an extraordinary thrust load is applied to the bearings due to thermal expansion and it may cause failure of the bearings.

For this reason, if there exist expansion and shrinkage of shaft or movement of bearing, a fixed type unit must be used at one and a moving type unit at the other.



As shown it is desirable to use cartridge type bearing of cylindrical outer diameter in a same manner with ordinary bearings. When using cartridge type housings, be careful not to cause creep at the time of insertion. every type of housing with above shown structure is prepared by **FK** for use at high temperature.



A key way is machined on the shaft and a dog point hexagon hollow setscrew is generally used in place of the setscrew. Axial movement due to shaft expansion and shrinkage is adjusted by this.

#### 9.5 Mounting method of housings

It is desired to install the unit in the order of housing → shaft and bearing.

The bearing unit can be installed in principle at any place in an easy way. However, in order to have the long service life, it is desired that mounting base is flat and rigid. The mounting base should have in principle the bearing center alignment angle of less than  $\pm 3^\circ$ , when the unit is installed there. In the case of the unit with covers the bearing center alignment angle should be less than  $\pm 1^\circ$  from point of view of covers used.

### 10. MOUNTED UNITS NUMBERING SYSTEM

The FK bearing numbering system utilizes a basic bearing number to indicate the appropriate bearing series, and a complementary set of prefix and suffix designations which allow a complete description of any bearing configuration. The sequence of FK designations and their meanings is shown below.

First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth	Tenth	Eleventh	Twelfth
Bearing Material	Bearing O.D. Modification	Bearing Insert Type	Housing Type	Basic Bearing Series	Housing Material	Shaft Size in 1/16" for Inch Type Bearings	Special Seals	Relube Type When Non-Standard	Snap Ring	Internal Clearance	Max operating temperature
		UC	P	210	D	- 31	L3				
SS	C	SB		205		- 16		G	NR	C4	HT20

#### FK PREFIXES

- C.....Cylindrical O.D. on Bearing
- S..... 440C Stainless Steel Material

#### FK SUFFIXES

- B-MN..... Housing with back groove for fitting back seal
- BO..... Bearing with Black Oxid.
- C1 ..... With a Open Type Pressed Steel End-cover&Rubber Seal.
- D1 ..... With a Close Type Pressed Steel End-cover
- FH ..... Housing with Special Dimension of Fixed Bore
- HT20 .....High temperature operating + 200°C
- MN .....Housing with groove for fitting End-cover.
- NC .....No collar on SA or HC type, or  
Nylon coated Set Screw if SB; UC or SER types.
- WB .....Without anti-Rotation Ball
- ZP ..... Bearing with Zinc Plated

#### Special Seals

- L3.....Triple Lip Type Armor Seal

#### Relubrication

- Blank.....Standard feature (See footnote 1 and 2)
- N ..... Non-relube housing
- G ..... Relubrication Groove and/or Holes

#### Snap ring

- N ..... Groove Without Ring
- NR ..... Groove With Ring

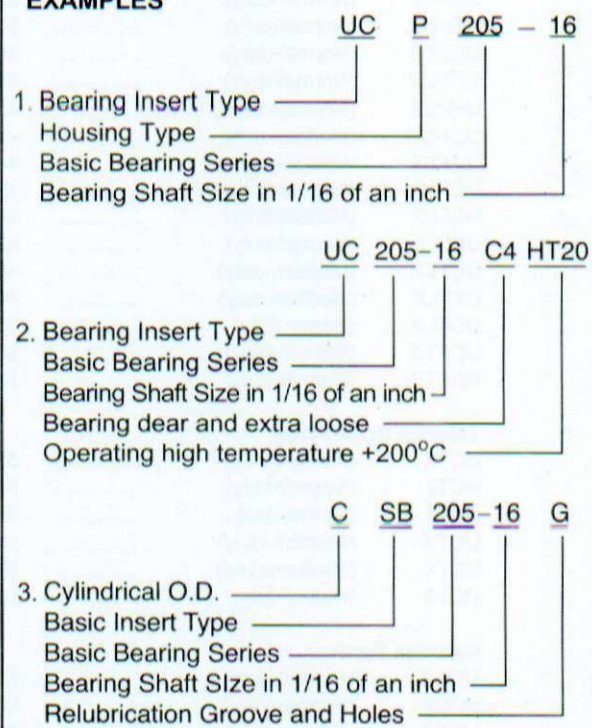
#### Internal Clearance

- Blank (C0) ... Standard
- C2 ..... Tight
- C3 ..... Loose
- C4 ..... Extra Loose

#### NOTES:

1. UC, HC, UCX, and SER type inserts are relubricatable as standard; no "G" suffix is required.
2. SB and SA type inserts are non-relubricatable as standard. To specify as relubricatable type, add "G" suffix (e.g., SA205-16G).
3. AS there is only one metric bore size per basic bearing series, no shaft size specification is necessary (e.g., UC205 Indicates 25 mm bore).

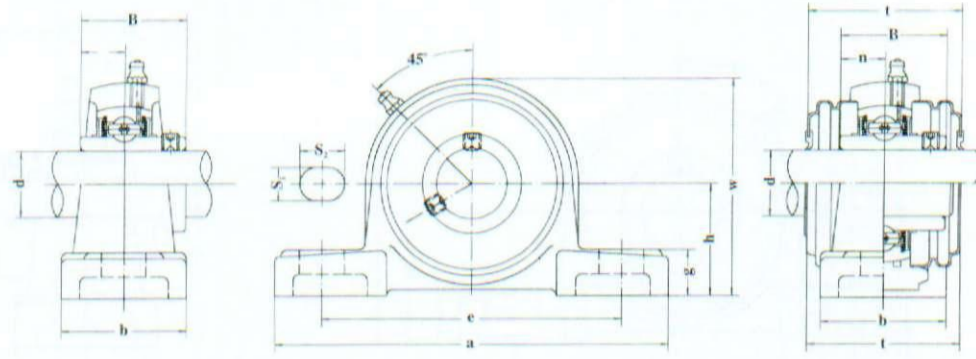
#### EXAMPLES



## 11 TYPE OF FK BALL BEARING UNITS AND BEARINGS

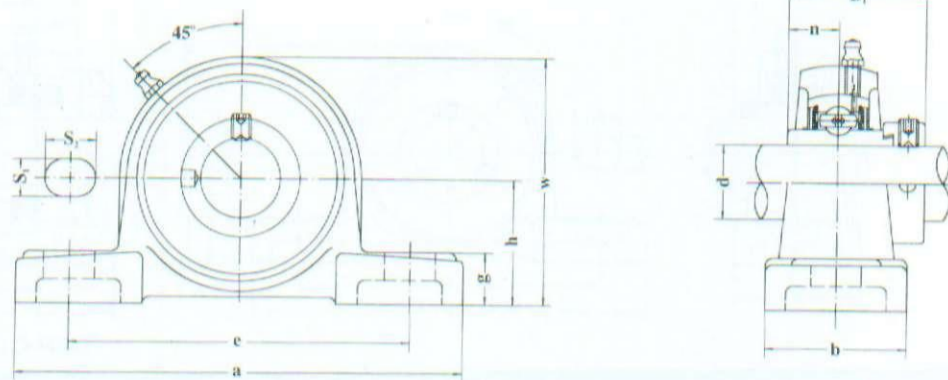
<b>Pillow Blocks</b>				<b>Rubber Mounted Units Types</b>		
UCP2	(Normal-duty)	.....	23	SAR2	(Light-duty)	..... 76
HCP2	(Normal-duty)	.....	24	SBR2	(Light-duty)	..... 76
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UKP2	(Normal-duty)	.....	26	RCSMS2	(Light-duty)	..... 76
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UKFX	(Medium-duty)	.....	35	SBPFL2	(Light-duty)	..... 80
UCF3	(Heavy-duty)	.....	36	SAPFT2	(Light-duty)	..... 81
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UCFCX	(Medium-duty)	.....	43	UKX	(Medium-duty)	..... 86
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UKFLX	(Medium-duty)	.....	49	SB2	(Light-duty)	..... 92
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UCFT2	(Normal-duty)	.....	51	SC3	(Heavy-duty)	..... 93
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UKTX	(Medium-duty)	.....	57	UFL000	(Light-duty)	..... 96
UCT3	(Heavy-duty)	.....	58	KP000	(Light-duty)	..... 97
				KFL000	(Light-duty)	..... 97
<b>Cartidge Types</b>				<b>Thermoplastic Mounted Units</b>		
UCC2	(Normal-duty)	.....	59	Material		..... 98
HCC2	(Normal-duty)	.....	60	Accessories		..... 99
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UCCX	(Medium-duty)	.....	62	UCFPL2	(Light-duty)	..... 100
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<b>Other Typical Types</b>				UCFBPL2	(Light-duty)	..... 102
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UCHE2	(Normal-duty)	.....	72			
<b>Light Duty Types</b>						
SAFD2	(Light-duty)	.....	73			
SBFD2	(Light-duty)	.....	73			
SAFW2	(Light-duty)	.....	74			
SBFW2	(Light-duty)	.....	74			
SALF2	(Light-duty)	.....	75			
SBLF2	(Light-duty)	.....	75			

Pillow Blocks



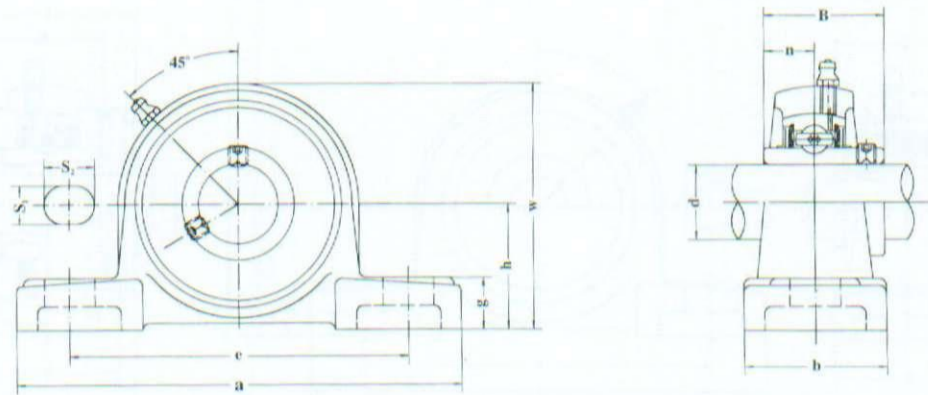
UCP-C1(D1)

Unit No.	Dimensions mm												Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	s <sub>1</sub>	s <sub>2</sub>	g	w	t	B	n				
UCP201	12	30.2	127	95	38	13	19	14	62	44.5	31	12.7	M10	UC201	P203	0.69
UCP201-8	1/2	1-3/16	5	3-3/4	1-1/2	1/2	3/4	9/16	2-7/16	1-3/4	1.2205	0.500	3/8	UC201-8		0.69
UCP202	15	30.2	127	95	38	13	19	14	62	44.5	31	12.7	M10	UC202	P203	0.69
UCP202-9	9/16	1-3/16	5	3-3/4	1-1/2	1/2	3/4	9/16	2-7/16	1-3/4	1.2205	0.500	3/8	UC202-9		0.69
UCP202-10	5/8													UC202-10	0.69	
UCP203	17	30.2	127	95	38	13	19	14	62	44.5	31	12.7	M10	UC203	P203	0.68
UCP203-11	11/16	1-3/16	5	3-3/4	1-1/2	1/2	3/4	9/16	2-7/16	1-3/4	1.2205	0.500	3/8	UC203-11		0.67
UCP204	20	33.3	127	95	38	13	19	14	65	44.5	31	12.7	M10	UC204	P204	0.66
UCP204-12	3/4	1-5/16	5	3-3/4	1-1/2	1/2	3/4	9/16	2-9/16	1-3/4	1.2205	0.500	3/8	UC204-12		0.66
UCP205	25	36.5	140	105	38	13	19	15	71	48	34.1	14.3	M10	UC205	P205	0.81
UCP205-13	13/16													UC205-13		0.85
UCP205-14	7/8	1-7/16	5-1/2	4-1/8	1-1/2	1/2	3/4	19/32	2-25/32	1-57/64	1.3425	0.563	3/8	UC205-14		0.83
UCP205-15	15/16													UC205-15		0.82
UCP205-16	1													UC205-16		0.81
UCP206	30	42.9	165	121	48	17	20	17	84	53	38.1	15.9	M14	UC206	P206	1.24
UCP206-17	1-1/16													UC206-17		1.27
UCP206-18	1-1/8	1-11/16	6-1/2	4-3/4	1-7/8	43/64	25/32	21/32	3-5/16	2-5/64	1.5000	0.626	1/2	UC206-18		1.26
UCP206-19	1-3/16													UC206-19		1.24
UCP206-20	1-1/4													UC206-20		1.23
UCP207	35	47.6	167	127	48	17	20	18	93	59.5	42.9	17.5	M14	UC207	P207	1.58
UCP207-20	1-1/4													UC207-20		1.64
UCP207-21	1-5/16	1-7/8	6-9/16	5	1-7/8	43/64	25/32	45/64	3-21/32	2-11/32	1.6890	0.689	1/2	UC207-21		1.61
UCP207-22	1-3/8													UC207-22		1.58
UCP207-23	1-7/16													UC207-23		1.55
UCP208	40	49.2	184	137	54	17	20	18	100	69	49.2	19	M14	UC208	P208	1.89
UCP208-24	1-1/2	1-15/16	7-1/4	5-13/32	2-1/8	43/64	25/32	45/64	3-15/16	2-23/32	1.9370	0.748	1/2	UC208-24		1.93
UCP208-25	1-9/16													UC208-25		1.90
UCP209	45	54.0	190	146	54	17	20	20	106	69	49.2	19	M14	UC209	P209	2.14
UCP209-26	1-5/8													UC209-26		2.24
UCP209-27	1-11/16	2-1/8	7-15/32	5-3/4	2-1/8	43/64	25/32	25/32	4-11/64	2-23/32	1.9370	0.748	1/2	UC209-27		2.20
UCP209-28	1-3/4													UC209-28		2.14
UCP210	50	57.2	206	159	60	20	23	21	113	74.5	51.6	19	M16	UC210	P210	2.66
UCP210-29	1-13/16													UC210-29		2.78
UCP210-30	1-7/8	2-1/4	8-1/8	6-1/4	2-3/8	25/32	29/32	53/64	4-29/64	2-15/16	2.0315	0.748	5/8	UC210-30		2.73
UCP210-31	1-15/16													UC210-31		2.68
UCP210-32	2													UC210-32		2.64
UCP211	55	63.5	219	171	60	20	23	23	125	76	55.6	22.2	M16	UC211	P211	3.31
UCP211-32	2													UC211-32		3.46
UCP211-33	2-1/16	2-1/2	8-5/8	6-47/64	2-3/8	25/32	29/32	29/32	4-59/64	3	2.1890	0.874	5/8	UC211-33		3.40
UCP211-34	2-1/8													UC211-34		3.35
UCP211-35	2-3/16													UC211-35		3.29
UCP212	60	69.8	241	184	70	20	23	25	138	89	65.1	25.4	M16	UC212	P212	4.90
UCP212-36	2-1/4													UC212-36		5.03
UCP212-37	2-5/16	2-3/4	9-1/2	7-1/4	2-3/4	25/32	29/32	63/64	5-7/16	3-1/2	2.5630	1.000	5/8	UC212-37		4.95
UCP212-38	2-3/8													UC212-38		4.88
UCP212-39	2-7/16													UC212-39		1.81
UCP213	65	76.2	265	203	70	25	28	27	150	89	65.1	25.4	M20	UC213	P213	5.15
UCP213-40	2-1/2	3	10-7/16	8	2-3/4	63/64	1-3/32	1-1/16	5-29/32	3-1/2	2.5630	1.000	3/4	UC213-40		5.24
UCP213-41	2-9/16													UC213-41		5.15
UCP214	70	79.4	266	210	72	25	28	27	156		74.6	30.2	M20	UC214	P214	6.20
UCP214-42	2-5/8													UC214-42		6.41
UCP214-43	2-11/16	3-1/8	10-15/32	8-17/64	2-27/32	63/64	1-3/32	1-1/16	6-9/64		2.9370	1.189	3/4	UC214-43		6.31
UCP214-44	2-3/4													UC214-44		6.21
UCP215	75	82.6	275	217	74	25	28	28	162		77.8	33.3	M20	UC215	P215	7.16
UCP215-45	2-13/16													UC215-45		7.41
UCP215-46	2-7/8	3-1/4	10-53/64	8-35/64	2-29/32	63/64	1-3/32	1-3/32	6-3/8		3.0630	1.311	3/4	UC215-46		7.30
UCP215-47	2-15/16													UC215-47		7.19
UCP215-48	3													UC215-48		7.07
UCP216	80	88.9	292	232	78	25	28	30	174		82.6	33.3	M20	UC216	P216	8.10
UCP216-49	3-1/16													UC216-49		8.28
UCP216-50	3-1/8	3-1/2	11-1/2	9-1/8	3-1/16	63/64	1-3/32	1-3/16	6-27/32		3.2520	1.311	3/4	UC216-50		8.15
UCP216-51	3-3/16													UC216-51		8.02
UCP217	85	95.2	310	247	83	25	28	32	185		85.7	34.1	M20	UC217	P217	9.81
UCP217-52	3-1/4													UC217-52		10.03
UCP217-53	3-5/16	3-3/4	12-13/64	9-23/32	3-17/64	63/64	1-3/32	1-1/4	7-9/32		3.3740	1.343	3/4	UC217-53		9.89
UCP217-55	3-7/16													UC217-55		9.60
UCP218	90	101.6	327	262	88	27	30	33	198		96	39.7	M22	UC218	P218	11.96
UCP218-56	3-1/2	4	12-7/8	10-5/16	3-15/32	1-1/16	1-3/16	1-19/64	7-51/64		3.7795	1.6630	7/8	UC218-56		12.07

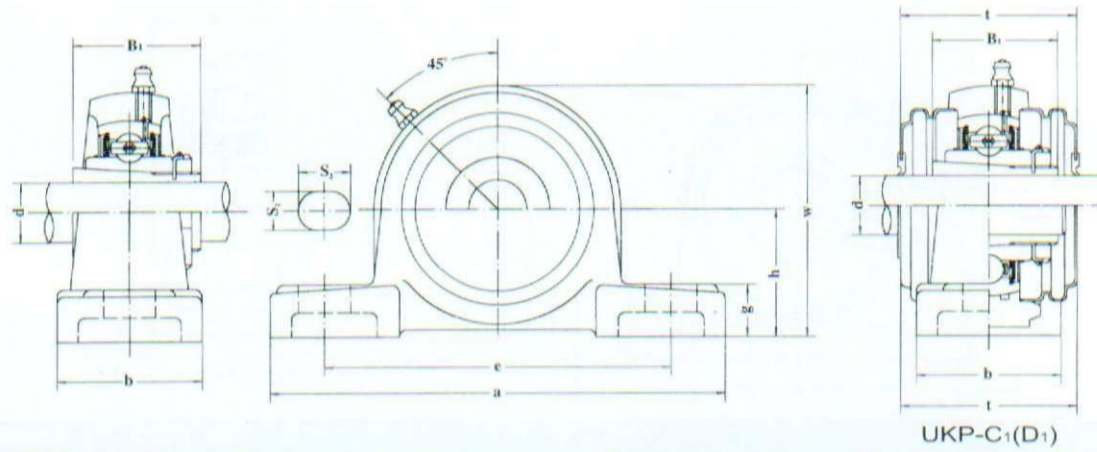


Unit No.	Dimensions											Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	s <sub>1</sub>	s <sub>2</sub>	g	w	B <sub>1</sub>	n				
HCP204	20	33.3	127	95	38	13	19	14	65	43.7	17.1	M10	HC204	P204	0.73
HCP204-12	3/4	1-5/16	5	3-3/4	1-1/2	1/2	3/4	9/16	2-9/16	1.720	0.673	3/8	HC204-12		0.73
HCP205	25	36.5	140	105	38	13	19	15	71	44.4	17.5	M10	HC205	P205	0.88
HCP205-13	13/16												HC205-13		0.93
HCP205-14	7/8	1-7/16	5-1/2	4-1/8	1-1/2	1/2	3/4	19/32	2-25/32	1.748	0.689	3/8	HC205-14		0.92
HCP205-15	15/16												HC205-15		0.90
HCP205-16	1												HC205-16		0.88
HCP206	30	42.9	165	121	48	17	20	17	84	48.4	18.3	M14	HC206	P206	1.37
HCP206-17	1-1/16												HC206-17		1.42
HCP206-18	1-1/8	1-11/16	6-1/2	4-3/4	1-7/8	43/64	25/32	21/32	3-5/16	1.906	0.720	1/2	HC206-18		1.39
HCP206-19	1-3/16												HC206-19		1.37
HCP206-20	1-4/1												HC206-20		1.34
HCP207	35	47.6	167	127	48	17	20	18	93	51.1	18.8	M14	HC207	P207	1.70
HCP207-20	1-4/1												HC207-20		1.77
HCP207-21	1-5/16	1-7/8	6-9/16	5	1-7/8	43/64	25/32	45/64	3-21/32	2.012	0.740	1/2	HC207-21		1.73
HCP207-22	1-3/8												HC207-22		1.70
HCP207-23	1-7/16												HC208-23		1.67
HCP208	40	49.2	184	137	54	17	20	18	100	56.3	21.4	M14	HC208	P208	2.04
HCP208-24	1-1/2	1-15/16	7-1/4	5-13/32	2-1/8	43/64	25/32	45/64	3-15/16	2.217	0.843	1/2	HC208-24		2.09
HCP208-25	1-9/16												HC208-25		2.05
HCP209	45	54.0	190	146	54	17	20	20	106	56.3	21.4	M14	HC209	P209	2.31
HCP209-26	1-5/8												HC209-26		2.42
HCP209-27	1-11/16	2-1/8	7-15/32	5-3/4	2-1/8	43/64	25/32	25/32	4-11/64	2.217	0.843	1/2	HC209-27		2.37
HCP209-28	1-3/4												HC209-28		2.33
HCP210	50	57.2	206	159	60	20	23	21	113	62.7	24.6	M16	HC210	P210	2.85
HCP210-29	1-13/16												HC210-29		3.00
HCP210-30	1-7/8	2-1/4	8-1/8	6-1/4	2-3/8	25/32	29/32	53/64	4-29/64	2.469	0.969	5/8	HC210-30		2.94
HCP210-31	1-15/16												HC210-31		2.88
HCP210-32	2												HC210-32		2.82
HCP211	55	63.5	219	171	60	20	23	23	125	71.4	27.8	M16	HC211	P211	3.52
HCP211-32	2												HC211-32		3.72
HCP211-33	2-1/16	2-1/2	8-5/8	6-47/64	2-3/8	25/32	29/32	29/32	4-59/64	2.611	1.094	5/8	HC211-33		3.64
HCP211-34	2-1/8												HC211-34		3.57
HCP211-35	2-3/16												HC211-35		3.49
HCP212	60	69.8	241	184	70	20	23	25	138	77.8	31	M16	HC212	P212	5.24
HCP212-36	2-1/4												HC212-36		5.40
HCP212-37	2-5/16	2-3/4	9-1/2	7-1/4	2-3/4	25/32	29/32	63/64	5-7/16	3.063	1.220	5/8	HC212-37		5.31
HCP212-38	2-3/8												HC212-38		5.26
HCP212-39	2-7/16												HC212-39		5.13
HCP213	65	76.2	265	203	70	25	28	27	150	85.7	34.1	M20	HC213	P213	5.71
HCP213-40	2-1/2	3	10-7/16	8	2-3/4	63/64	1-3/32	1-1/16	5-29/32	3.374	1.343	3/4	HC213-40		5.81
HCP213-41	2-9/16												HC213-41		5.70
HCP214	70	79.4	266	210	72	25	28	27	156	85.7	34.1	M20	HC214	P214	6.70
HCP214-42	2-3/8												HC214-42		6.94
HCP214-43	2-11/16	3-1/8	10-15/32	8-17/64	2-27/32	63/64	1-3/32	1-1/16	6-9/64	3.374	1.343	3/4	HC214-43		6.83
HCP214-44	2-3/4												HC214-44		6.71
HCP215	75	82.6	275	217	74	25	28	28	162	92.1	37.3	M20	HC215	P215	7.79
HCP215-45	2-13/16												HC215-45		8.09
HCP215-46	2-7/8	3-1/4	10-53/64	8-35/64	2-29/32	63/64	1-3/32	1-3/32	6-3/8	3.626	1.426	3/4	HC215-46		7.96
HCP215-47	2-15/16												HC215-47		7.83
HCP215-48	3												HC215-48		7.69

**Pillow Blocks**



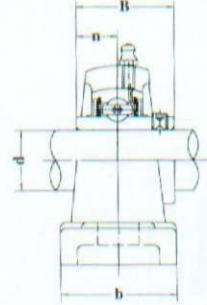
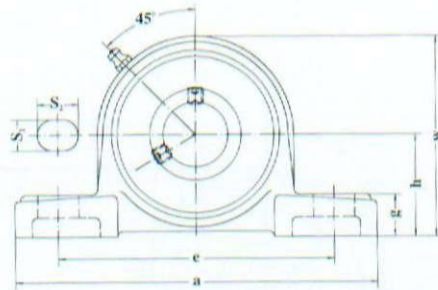
Unit No.	Dimensions <small>mm in.</small>											Bolt Size <small>mm inch</small>	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	s <sub>1</sub>	s <sub>2</sub>	g	w	B	n				
UCLP201 UCLP201-8	12 1/2	31.75 1-1/4	127 5	95 3-3/4	38 1-1/2	13 1/2	16 5/8	14 9/16	64 2-33/64	31 1.2205	12.7 0.500	M10 3/8	UC201 UC201-8	LP204	0.69 0.69
UCLP202 UCLP202-9 UCLP202-10	15 9/16 5/8	31.75 1-1/4	127 5	95 3-3/4	38 1-1/2	13 1/2	16 5/8	14 9/16	64 2-33/64	31 1.2205	12.7 0.500	M10 3/8	UC202 UC202-9 UC202-10	LP204	0.69 0.69 0.69
UCLP203 UCLP203-11	17 11/16	31.75 1-1/4	127 5	95 3-3/4	38 1-1/2	13 1/2	16 5/8	14 9/16	64 2-33/64	31 1.2205	12.7 0.500	M10 3/8	UC203 UC203-11	LP204	0.68 0.67
UCLP204 UCLP204-12	20 3/4	31.75 1-1/4	127 5	95 3-3/4	38 1-1/2	13 1/2	16 5/8	14 9/16	64 2-33/64	31 1.2205	12.7 0.500	M10 3/8	UC204 UC204-12	LP204	0.66 0.66
UCLP205 UCLP205-13 UCLP205-14 UCLP205-15 UCLP205-16	25 13/16 7/8 15/16 1	33.34 1-5/16	140 5-1/2	105 4-1/8	38 1-1/2	13 1/2	16 5/8	15 19/32	68 2-43/64	34.1 1.3425	14.3 0.563	M10 3/8	UC205 UC205-13 UC205-14 UC205-15 UC205-16	LP205	0.81 0.85 0.83 0.82 0.81
UCLP206 UCLP206-17 UCLP206-18 UCLP206-19 UCLP206-20	30 1-1/16 1-1/8 1-3/16 1-1/4	39.69 1-9/16	165 6-1/2	121 4-3/4	48 1-7/8	17 43/64	20 25/32	17 21/32	80 3-5/32	38.1 1.5000	15.9 0.626	M14 1/2	UC206 UC206-17 UC206-18 UC206-19 UC206-20	LP206	1.24 1.27 1.26 1.24 1.23
UCLP207 UCLP207-20 UCLP207-21 UCLP207-22 UCLP207-23	35 1-1/4 1-5/16 1-3/8 1-7/16	46.04 1-13/16	167 6-9/16	127 5	48 1-7/8	17 43/64	20 25/32	18 45/64	91 3-37/64	42.9 1.6890	17.5 0.689	M14 1/2	UC207 UC207-20 UC207-21 UC207-22 UC207-23	LP207	1.58 1.64 1.61 1.58 1.55
UCLP208 UCLP208-24 UCLP208-25	40 1-1/2 1-9/16	49.2 1-15/16	184 7-1/4	137 5-13/32	54 2-1/8	17 43/64	20 25/32	18 45/64	100 3-15/16	49.2 1.9370	19 0.748	M14 1/2	UC208 UC208-24 UC208-25	LP208	1.89 1.93 1.90
UCLP209 UCLP209-26 UCLP209-27 UCLP209-28	45 1-5/8 1-11/16 1-3/4	52.39 2-1/16	190 7-15/32	146 5-3/4	54 2-1/8	17 43/64	20 25/32	20 25/32	104 4-3/32	49.2 1.9370	19 0.748	M14 1/2	UC209 UC209-26 UC209-27 UC209-28	LP209	2.14 2.24 2.20 2.14
UCLP210 UCLP210-29 UCLP210-30 UCLP210-31 UCLP210-32	50 1-13/16 1-7/8 1-15/16 2	55.56 2-3/16	206 8-1/8	159 6-1/4	60 2-3/8	20 25/32	23 29/32	21 53/64	112 4-13/32	51.6 2.0315	19 0.748	M16 5/8	UC210 UC210-29 UC210-30 UC210-31 UC210-32	LP210	2.66 2.78 2.73 2.68 2.64
UCLP211 UCLP211-32 UCLP211-33 UCLP211-34 UCLP211-35	55 2 2-1/16 2-1/8 2-3/16	61.91 2-7/16	219 8-5/8	171 6-47/64	60 2-3/8	20 25/32	23 29/32	23 29/32	124 4-7/8	55.6 2.1890	22.2 0.874	M16 5/8	UC211 UC211-32 UC211-33 UC211-34 UC211-35	LP211	3.31 3.46 3.40 3.35 3.29
UCLP212 UCLP212-36 UCLP212-37 UCLP212-38 UCLP212-39	60 2-1/4 2-5/16 2-3/8 2-7/16	68.26 2-11/16	241 9-1/2	184 7-1/4	70 2-3/4	20 25/32	23 29/32	25 63/64	136 5-23/64	65.1 2.5630	25.4 1.000	M16 5/8	UC212 UC212-36 UC212-37 UC212-38 UC212-39	LP212	4.90 5.03 4.95 4.88 4.81



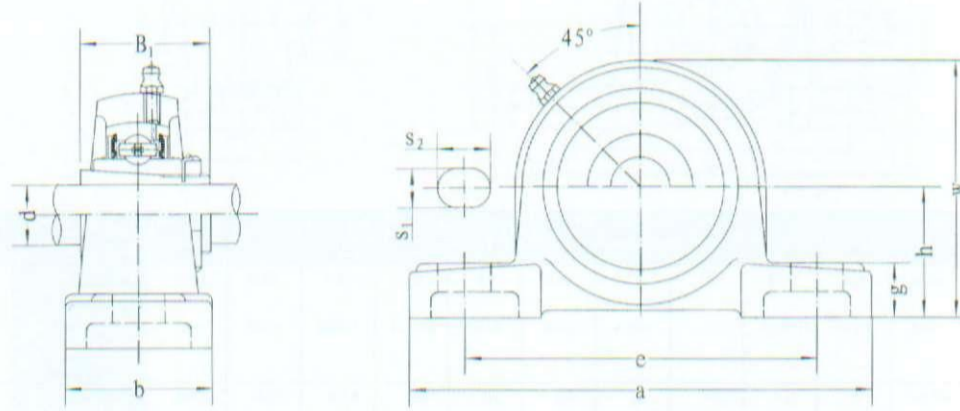
UKP-C<sub>1</sub>(D<sub>1</sub>)

Unit No.	Dimensions <sup>mm</sup> <sub>in.</sub>											Bolt Size <sub>mm</sub> inch	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	s <sub>1</sub>	s <sub>2</sub>	g	w	t	B <sub>1</sub>				
UKP205;H2305	20	36.5	140	105	38	13	19	15	71	48	35	M10	UK205;H2305	P205	0.86
UKP205;HE2305	3/4	1-7/16	5-1/2	4-1/8	1-1/2	1/2	3/4	19/32	2-25/32	1-57/64	1.378	3/8	UK205;HE2305		
UKP206;H2306	25	42.9	165	121	48	17	20	17	84	53	38	M14	UK206;H2306	P206	1.28
UKP206;HS2306	7/8	1-11/16	6-1/2	4-3/4	1-7/8	43/64	25/32	43/64	3-5/16	2-5/64	1.496	1/2	UK206;HS2306		
UKP206;HE2306	1												UK206;HE2306		
UKP207;H2307	30	47.6	167	127	48	17	20	18	93	59.5	43	M14	UK207;H2307	P207	1.67
UKP207;HS2307	1-1/8	1-7/8	6-9/16	5	1-7/8	43/64	25/32	45/64	3-21/32	2-11/32	1.693	1/2	UK207;HS2307		
UKP208;H2308	35	49.2	184	137	54	17	20	18	100	69	46	M14	UK208;H2308	P208	1.99
UKP208;HE2308	1-1/4	1-15/16	7-1/4	5-13/32	2-1/8	43/64	25/32	45/64	3-15/16	2-23/32	1.811	1/2	UK208;HE2308		
UKP208;HS2308	1-3/8												UK208;HS2308		
UKP209;H2309	40	54.0	190	146	54	17	20	20	106	69	50	M14	UK209;H2309	P209	1.29
UKP209;HA2309	1-7/16												UK209;HA2309		
UKP209;HE2309	1-1/2	2-1/8	7-15/32	5-3/4	2-1/8	43/64	25/32	25/32	4-11/64	2-23/32	1.969	1/2	UK209;HE2309		
UKP209;HS2309	1-5/8												UK209;HS2309		
UKP210;H2310	45	57.2	206	159	60	20	23	21	113	74.5	55	M16	UK210;H2310	P210	2.83
UKP210;HS2310	1-5/8												UK210;HS2310		
UKP210;HA2310	1-11/16	2-1/4	8-1/8	6-1/4	2-3/8	25/32	29/32	53/64	4-29/64	2-15/16	2.165	5/8	UK210;HA2310		
UKP210;HE2310	1-3/4												UK210;HE2310		
UKP211;H2311	50	63.5	219	171	60	20	23	23	125	76	59	M16	UK211;H2311	P211	3.46
UKP211;HS2311	1-7/8												UK211;HS2311		
UKP211;HA2311	1-15/16	2-1/2	8-5/8	6-47/64	2-3/8	25/32	29/32	29/32	4-59/64	3	2.323	5/8	UK211;HA2311		
UKP211;HE2311	2												UK211;HE2311		
UKP212;H2312	55	69.8	241	184	70	20	23	25	138	89	62	M16	UK212;H2312	P212	4.95
UKP212;HS2312	2-1/8	2-3/4	9-1/2	7-1/4	2-3/4	25/32	29/32	63/64	5-7/16	3-1/2	2.441	5/8	UK212;HS2312		
UKP213;H2313	60	76.2	265	203	70	25	28	27	150	89	65	M20	UK213;H2313	P213	5.06
UKP213;HA2313	2-3/16												UK213;HA2313		
UKP213;HE2313	2-1/4	3	10-7/16	8	2-3/4	63/64	1-3/32	1-1/16	5-29/32	3-1/2	2.559	3/4	UK213;HE2313		
UKP213;HS2313	2-3/8												UK213;HS2313		
UKP215;H2315	65	82.6	275	217	74	25	28	28	162		73	M20	UK215;H2315	P215	7.27
UKP215;HA2315	2-7/16	3-1/4	10-53/64	8-35/64	2-29/32	63/64	1-3/32	1-3/32	6-3/8		2.874	3/4	UK215;HA2315		
UKP215;HE2315	2-1/2												UK215;HE2315		
UKP216;H2316	70	88.9	292	232	78	25	28	30	174		78	M20	UK216;H2316	P216	8.36
UKP216;HA2316	2-11/16	3-1/2	11-1/2	9-1/8	3-1/16	63/64	1-3/32	1-3/16	6-27/32		3.071	3/4	UK216;HA2316		
UKP216;HE2316	2-3/4												UK216;HE2316		
UKP217;H2317	75	95.2	310	247	83	25	28	32	185		82	M20	UK217;H2317	P217	10.23
UKP217;HA2317	2-15/16	3-3/4	12-13/64	9-23/32	3-17/64	63/64	1-3/32	1-1/4	7-9/32		3.228	3/4	UK217;HA2317		
UKP217;HE2317	3												UK217;HE2317		
UKP218;H2318	80	101.6	327	262	88	27	30	33	198		86	M22	UK218;H2318	P218	12.34
UKP218;HA2318	3-3/16	4	12-7/8	10-5/16	3-15/32	1-1/16	1-3/16	1-19/64	7-51/64		3.386	7/8	UK218;HA2318		

**Pillow Blocks**

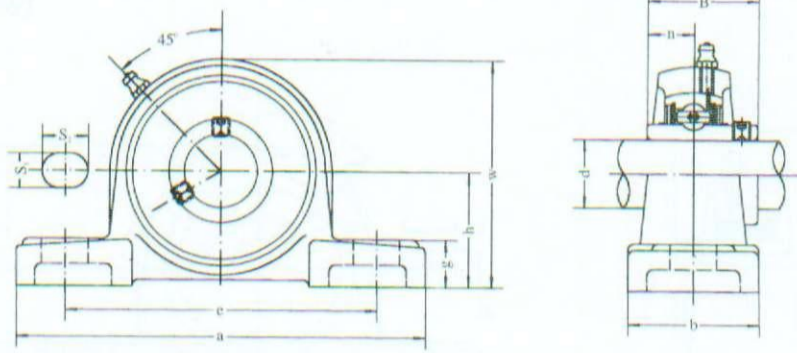


Unit No.	Dimensions mm in.											Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	s <sub>1</sub>	s <sub>2</sub>	g	w	B	n				
UCPX05 UCPX05-13 UCPX05-14 UCPX05-15 UCPX05-16	25 13/16 7/8 15/16 1	44.4 1-3/4	159 6-1/4	119 4-11/16	51 2	17 43/64	20 25/32	18 23/32	85 3-11/32	38.1 1.5000	15.9 0.626	M14 1/2	UCX05 UCX05-13 UCX05-14 UCX05-15 UCX05-16	PX05	1.5
UCPX06 UCPX06-17 UCPX06-18 UCPX06-19 UCPX06-20	30 1-1/16 1-1/8 1-3/16 1-1/4	47.6 1-7/8	175 6-7/8	127 5	57 2-1/4	17 43/64	20 25/32	20 25/32	93 3-21/32	42.9 1.6890	17.5 0.689	M14 1/2	UCX06 UCX06-17 UCX06-18 UCX06-19 UCX06-20	PX06	2.0
UCPX07 UCPX07-21 UCPX07-22 UCPX07-23	35 1-5/16 1-3/8 1-7/16	54.0 2-1/8	203 8	144 5-21/32	57 2-1/4	17 43/64	20 25/32	21 13/16	105 4-1/8	49.2 1.9370	19 0.748	M14 1/2	UCX07 UCX07-21 UCX07-22 UCX07-23	PX07	2.6
UCPX08 UCPX08-24 UCPX08-25	40 1-1/2 1-9/16	58.7 2-5/16	222 8-3/4	156 6-5/32	67 2-5/8	20 25/32	23 29/32	26 1-1/32	111 4-3/8	49.2 1.9370	19 0.748	M16 5/8	UCX08 UCX08-24 UCX08-25	PX08	3.3
UCPX09 UCPX09-26 UCPX09-27 UCPX09-28 UCPX09-29	45 1-5/8 1-11/16 1-3/4 1-13/16	58.7 2-5/16	222 8-3/4	156 6-5/32	67 2-5/8	20 25/32	23 29/32	26 1-1/32	116 4-9/16	51.6 2.0315	19 0.748	M16 5/8	UCX09 UCX09-26 UCX09-27 UCX09-28 UCX09-29	PX09	3.3
UCPX10 UCPX10-30 UCPX10-31 UCPX10-32	50 1-7/8 1-15/16 2	63.5 2-1/2	241 9-1/2	171 6-47/64	73 2-7/8	20 25/32	23 29/32	27 1-1/16	126 4-31/32	55.6 2.1890	22.2 0.874	M16 5/8	UCX10 UCX10-30 UCX10-31 UCX10-32	PX10	4.3
UCPX211 UCPX211-33 UCPX211-34 UCPX211-35 UCPX211-36 UCPX211-37	55 2-1/16 2-1/8 2-3/16 2-1/4 2-5/16	69.8 2-3/4	260 10-1/4	184 7-1/4	79 3-1/8	25 31/32	28 1-3/32	30 1-3/16	137 5-13/32	65.1 2.5630	25.4 1.000	M20 3/4	UCX11 UCX11-33 UCX11-34 UCX11-35 UCX11-36 UCX11-37	PX11	5.7
UCPX12 UCPX12-38 UCPX12-39	60 2-3/8 2-7/16	76.2 3	286 11-1/4	203 8	83 3-9/32	25 31/32	28 1-3/32	33 1-5/16	151 5-15/16	65.1 2.5630	25.4 1.000	M20 3/4	UCX12 UCX12-38 UCX12-39	PX12	7.3
UCPX13 UCPX13-40 UCPX13-41	65 2-1/2 2-9/16	76.2 3	286 11-1/4	203 8	83 3-9/32	25 63/64	28 1-3/32	33 1-5/16	154 6-1/16	74.6 2.9370	30.2 1.189	M20 3/4	UCX13 UCX13-40 UCX13-41	PX13	7.6
UCPX14 UCPX14-42 UCPX14-43 UCPX14-44	70 2-5/8 2-11/16 2-3/4	88.9 3-1/2	330 13	229 9-1/32	89 3-1/2	27 1-1/16	30 1-3/16	35 1-3/8	170 6-11/16	77.8 3.0630	33.3 1.311	M22 7/8	UCX14 UCX14-42 UCX14-43 UCX14-44	PX14	9.9
UCPX15 UCPX15-45 UCPX15-46 UCPX15-47 UCPX15-48	75 2-13/16 2-7/8 2-15/16 3	88.9 3-1/2	330 13	229 9-1/32	89 3-1/2	27 1-1/16	30 1-3/16	35 1-3/8	175 6-7/8	82.6 3.2520	33.3 1.311	M22 7/8	UCX15 UCX15-45 UCX15-46 UCX15-47 UCX15-48	PX15	11
UCPX16 UCPX16-49 UCPX16-50 UCPX16-51 UCPX16-52	80 3-1/16 3-1/8 3-3/16 3-1/4	101.6 4	381 15	283 11-5/32	102 4-1/32	27 1-1/16	30 1-3/16	40 1-9/16	194 7-5/8	85.7 3.3740	34.1 1.343	M22 7/8	UCX16 UCX16-49 UCX16-50 UCX16-51 UCX16-52	PX16	15
UCPX17 UCPX17-53 UCPX17-55	85 3-5/16 3-7/16	101.6 4	381 15	283 11-5/32	102 4-1/32	27 1-1/16	30 1-3/16	40 1-9/16	200 7-7/8	96 3.7795	39.7 1.563	M22 7/8	UCX17 UCX17-53 UCX17-55	PX17	16
UCPX18 UCPX18-56	90 3-1/2	101.6 4	381 15	283 11-5/32	111 4-3/8	27 1-1/16	30 1-3/16	40 1-37/64	206 8-7/64	104.0 4.0945	42.9 1.6890	M22 7/8	UCX18 UCX18-56	PX18	17
UCPX20 UCPX20-64	100 4	127.0 5	432 17	337 13-9/32	121 4-3/4	33 1-5/16	36 1-27/64	45 1-25/32	244 9-39/64	117.5 4.6260	49.2 1.9370	M27 1	UCX20 UCX20-64	PX20	30

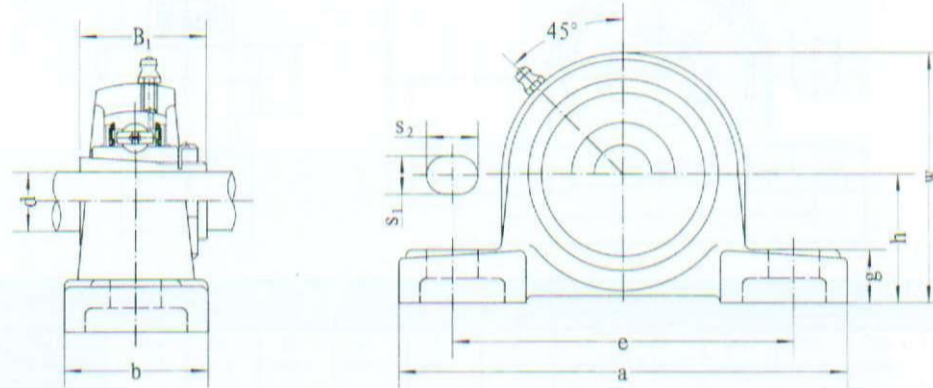


Unit No.	Dimensions <sup>mm</sup> / <sub>in.</sub>										Bolt Used <sub>mm</sub>	Bearing NO.	Housing NO.	Weight (kg)
	d	h	a	e	b	s <sub>1</sub>	s <sub>2</sub>	g	w	B <sub>1</sub>				
UKPX05;H2305 UKPX05;HE2305	20 3/4	44.4 1-3/4	159 6-1/4	119 4-11/16	51 2	17 43/64	20 25/32	18 3-11/32	85 1.378	35 1/2	M14	UKX05;H2305 UKX05;HE2305	PX05	1.5
UKPX06;H2306 UKPX06;HS2306 UKPX06;HE2306	25 7/8 1	47.6 1-7/8	175 6-7/8	127 5	57 2-1/4	17 43/64	20 25/32	20 25/32	93 3-21/32	38 1.496	M14 1/2	UKX06;H2306 UKX06;HS2306 UKX06;HE2306	PX06	2.1
UKPX07;H2307 UKPX07;HS2307	30 1-1/8	54.0 2-1/8	203 8	144 5-21/32	57 2-1/4	17 43/64	20 23/32	21 13/16	105 4-1/8	43 1.693	M14 1/2	UKX07;H2307 UKX07;HS2307	PX07	2.7
UKPX08;H2308 UKPX08;HE2308 UKPX08;HS2308	35 1-1/4 1-3/8	58.7 2-5/16	222 8-3/4	156 6-5/32	67 2-5/8	20 25/32	23 29/32	26 1-1/32	111 4-3/8	46 1.811	M16 5/8	UKX08;H2308 UKX08;HE2308 UKX08;HS2308	PX08	3.5
UKPX09;H2309 UKPX09;HA2309 UKPX09;HE2309 UKPX09;HS2309	40 1-7/16 1-1/2 1-5/8	58.7 2-5/16	222 8-3/4	156 6-5/32	67 2-5/8	20 25/32	23 29/32	26 1-1/32	116 4-9/16	50 1.969	M16 5/8	UKX09;H2309 UKX09;HA2309 UKX09;HE2309 UKX09;HS2309	PX09	3.7
UKPX10;H2310 UKPX10;HS2310 UKPX10;HA2310 UKPX10;HE2310	45 1-5/8 1-11/16 1-3/4	63.5 2-1/2	241 9-1/2	171 6-47/64	73 2-7/8	20 25/32	23 29/32	27 1-1/16	126 4-31/32	55 2.165	M16 5/8	UKX10;H2310 UKX10;HS2310 UKX10;HA2310 UKX10;HE2310	PX10	4.6
UKPX11;H2311 UKPX11;HS2311 UKPX11;HA2311 UKPX11;HE2311	50 17/8 1-15/16 2	69.8 2-3/4	260 10-1/4	184 7-1/4	79 3-1/8	25 31/32	28 1-3/32	30 1-3/16	137 5-13/32	59 2.323	M20 3/4	UKX11;H2311 UKX11;HS2311 UKX11;HA2311 UKX11;HE2311	PX11	6.2
UKPX12;H2312 UKPX12;HS2312	55 2-1/8	76.2 3	286 11-1/4	203 8	83 3-9/32	25 63/64	28 1-3/32	33 1-5/16	151 2.441	62 3/4	M20	UKX12;H2312 UKX12;HS2312	PX12	7.5
UKPX13;H2313 UKPX13;HA2313 UKPX13;HE2313 UKPX13;HS2313	60 2-3/16 2-1/4 2-3/8	76.2 3	286 11-1/4	203 8	83 3-9/32	25 63/64	28 1-3/32	33 1-5/16	154 6-1/16	65 2.559	M20 3/4	UKX13;H2313 UKX13;HA2313 UKX13;HE2313 UKX13;HS2313	PX13	7.8
UKPX15;H2315 UKPX15;HA2315 UKPX15;HS2315	65 2-7/16 2-1/2	88.9 3-1/2	330 13	229 9-1/32	89 3-1/2	27 1-1/16	30 1-3/16	35 1-3/8	175 6-7/8	73 2.874	M22 7/8	UKX15;H2315 UKX15;HA2315 UKX15;HS2315	PX15	10.5
UKPX16;H2316 UKPX16;HA2316 UKPX16;HS2316	70 2-11/16 2-3/4	101.6 4	381 15	283 11-5/32	102 4-1/32	27 1-1/16	30 1-3/16	40 1-9/16	194 7-5/8	78 3.071	M22 7/8	UKX16;H2316 UKX16;HA2316 UKX16;HS2316	PX16	15.4
UKPX17;H2317 UKPX17;HA2317 UKPX17;HE2317	75 2-15/16 3	101.6 4	381 15	283 11-5/32	102 4-1/32	27 1-1/16	30 1-3/16	40 1-9/16	200 7-7/8	82 3.228	M22 7/8	UKX17;H2317 UKX17;HA2317 UKX17;HE2317	PX17	15.8
UKPX18;H2318 UKPX18;HA2318	80 3-3/16	101.6 4	381 15	283 11-5/32	111 4-3/8	27 1-1/16	30 1-3/16	40 1-9/16	206 8-1/8	86 3.386	M22 7/8	UKX18;H2318 UKX18;HA2318	PX18	18.6
UKPX20;H2320 UKPX20;HA2320	90 3-1/2	127.0 5	432 17	337 13-9/32	121 4-3/4	33 1-5/16	36 1-13/32	45 1-25/32	244 9-5/8	97 3.814	M27 1-1/16	UKX20;H2320 UKX20;HA2320	PX19	29.3

Pillow Blocks



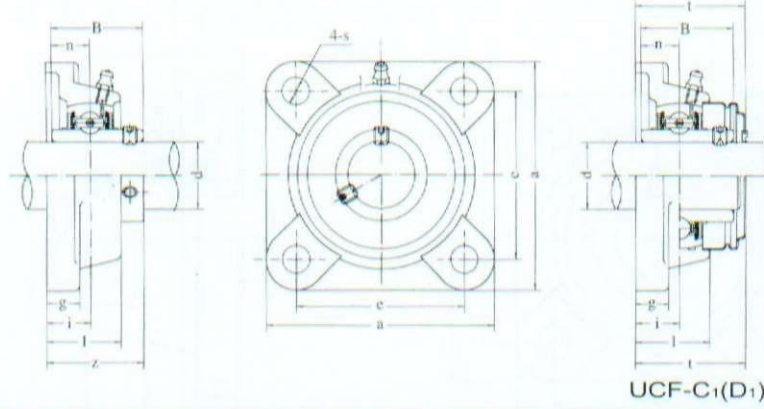
Unit No.	Dimensions											Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	S <sub>1</sub>	S <sub>2</sub>	g	w	B	n				
UCP305	25	45	175	132	45	17	20	15	85	38	15	M14	UC305	P305	1.4
UCP305-13	13/16											1/2	UC305-13		
UCP305-14	7/8	1-49/64	6-7/8	5-3/16	1-25/32	43/64	25/32	19/32	3-11/32	1.4961	0.591		UC305-14		
UCP305-15	15/16												UC305-15		
UCP305-16	1												UC305-16		
UCP306	30	50	180	140	50	17	20	18	95	43	17	M14	UC306	P306	1.8
UCP306-17	1-1/16											1/2	UC306-17		
UCP306-18	1-1/8	1-31/32	7-3/32	5-1/2	1-31/32	43/64	25/32	23/32	3-3/4	1.6929	0.669		UC306-18		
UCP306-19	1-3/16												UC306-19		
UCP307	35	56	210	160	56	17	25	20	106	48	19	M14	UC307		
UCP307-20	1-1/4											1/2	UC307-20		
UCP307-21	1-5/16	1-13/64	8-9/32	6-5/16	2-13/64	43/64	31/32	25/32	4-3/16	1.8898	1.748		UC307-21		
UCP307-22	1-3/8												UC307-22		
UCP307-23	1-7/16												UC307-23		
UCP308	40	60	220	170	60	17	27	22	116	52	19	M14	UC308	P308	3.0
UCP308-24	1-1/2											1/2	UC308-24		
UCP308-25	1-9/16	2-23/64	8-21/32	6-11/16	2-3/8	43/64	1-11/16	7/8	4-9/16	2.0472	0.748		UC308-25		
UCP309	45	67	245	190	67	20	30	24	129	57	22	M16	UC309		
UCP309-26	1-5/8											5/8	UC309-26	P309	4.1
UCP309-27	1-11/16	2-41/64	9-21/32	7-15/32	2-5/8	25/32	1-3/16	15/16	5-3/32	2.2441	0.966		UC309-27		
UCP309-28	1-3/4												UC309-28		
UCP310	50	75	275	212	75	20	35	27	143	61	22	M16	UC310		
UCP310-29	1-13/16											5/8	UC310-29	P310	5.8
UCP310-30	1-7/8	2-61/64	10-13/16	8-11/32	2-15/16	25/32	1-3/8	1-1/16	5-5/8	2.4016	0.866		UC310-30		
UCP310-31	1-15/16												UC310-31		
UCP311	55	80	310	236	80	20	38	30	154	66	25	M16	UC311		
UCP311-32	2											5/8	UC311-32	P311	7.4
UCP311-33	2-1/16	3-5/32	12-7/32	9-9/32	3-5/32	25/32	1-1/2	1-3/16	6-1/16	2.5984	0.984		UC311-33		
UCP311-34	2-1/8												UC311-34		
UCP311-35	2-3/16												UC311-35		
UCP312	60	85	330	250	85	25	38	32	165	71	26	M20	UC312		
UCP312-36	2-1/4											3/4	UC312-36	P312	9.4
UCP312-37	2-5/16	3-11/32	13	9-17/32	3-11/32	31/32	1-1/2	1-1/4	6-1/2	2.7953	1.024		UC312-37		
UCP312-38	2-3/8												UC312-38		
UCP312-39	2-7/16												UC312-39		
UCP313	65	90	340	260	90	25	38	33	176	75	30	M20	UC313		
UCP313-40	2-1/2	3-35/64	13-3/8	10-1/4	3-17/32	31/32	1-1/2	1-5/16	6-15/16	2.9528	1.181	3/4	UC313-40	P313	10
UCP313-41	2-9/16												UC313-41		
UCP314	70	95	360	280	90	27	40	35	187	78	33	M22	UC314		
UCP314-42	2-5/8											7/8	UC314-42	P314	12
UCP314-43	2-11/16	3-47/64	14-3/16	11-1/32	3-17/32	1-1/16	1-9/16	1-3/8	7-3/8	3.0708	1.299		UC314-43		
UCP314-44	2-3/4												UC314-44		
UCP315	75	100	380	290	100	27	40	35	198	82	32	M22	UC315		
UCP315-45	2-13/16											7/8	UC315-45	P315	14
UCP315-46	2-7/8	3-15/16	14-31/32	11-13/32	3-15/16	1-1/16	1-9/16	1-3/8	7-25/32	3.2283	1.260		UC315-46		
UCP315-47	2-15/16												UC315-47		
UCP315-48	3												UC315-48		
UCP316	80	106	400	300	110	27	40	40	210	86	34	M22	UC316		
UCP316-49	3-1/16											7/8	UC316-49	P316	18
UCP316-50	3-1/8	4-11/64	15-3/4	11-13/16	4-11/32	1-1/16	1-9/16	1-9/16	8-9/32	3.3858	1.339		UC316-50		
UCP316-51	3-3/16												UC316-51		
UCP317	85	112	420	320	110	33	45	40	220	96	40	M27	UC317		
UCP317-52	3-1/4											1	UC317-52	P317	20
UCP317-53	3-5/16	4-13/32	16-17/32	12-19/32	4-11/32	1-5/16	1-25/32	1-9/16	8-21/32	3.7795	1.575		UC317-53		
UCP317-55	3-7/16												UC317-55		
UCP318	90	118	430	330	110	33	45	45	235	96	40	M27	UC318		
UCP318-55	3-7/16											1	UC318-55	P318	24
UCP318-56	3-1/2	4-41/64	16-15/16	13	4-11/32	1-5/16	1-25/32	1-25/32	9-1/4	3.7795	1.575		UC318-56		
UCP319	95	125	470	360	120	36	50	45	250	103	41	M30	UC319		
UCP319-58	3-5/8											1-1/8	UC319-58	P319	29
UCP319-59	3-11/16	4-59/64	18-1/2	14-3/16	4-23/32	1-13/32	1-31/32	1-25/32	9-27/32	4.0551	1.614		UC319-59		
UCP319-60	3-3/4												UC319-60		
UCP320	100	140	490	380	120	36	50	50	275	108	42	M30	UC320		
UCP320-64	4	5-33/64	19-9/32	14-31/32	1-23/32	1-31/32	1-31/31	10-53/64	4.2520	1.6536	1-1/8	1-1/8	UC320-64	P320	35.0 34.9
UCP322	110	150	520	400	140	40	55	55	300	117	46	M30	UC322		
UCP324	120	160	570	450	140	40	55	65	320	126	51	M33	UC324	P324	55
UCP326	130	180	600	480	140	40	55	75	355	135	54	M33	UC326		
UCP328	140	200	620	500	140	40	55	75	390	145	59	M33	UC328	P328	89



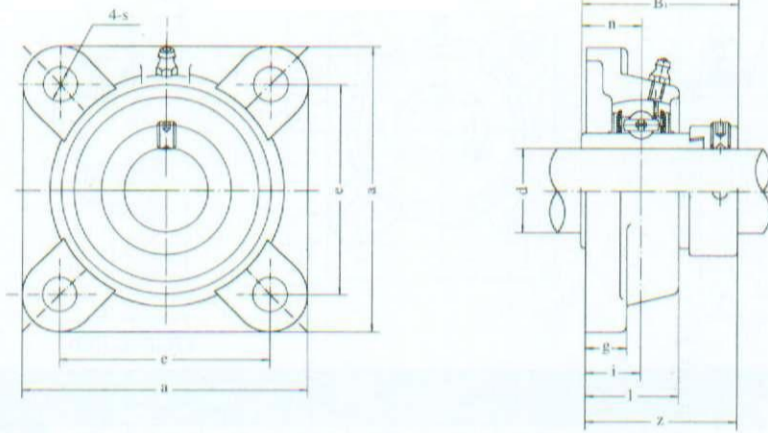
Unit No.	Dimensions <sup>mm</sup> <sub>in.</sub>											Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	s <sub>1</sub>	s <sub>2</sub>	g	w	B <sub>2</sub>	H				
UKP305;H2305 UKP305;HE2305	20 3/4	45 1-49/64	175 6-7/8	132 5-3/16	45 1-3/4	17 43/64	20 19/32	15 25/32	85 3-11/32	35 1.378	M14 1/2	UK305;H2305 UK305;HE2305	P305	1.7	
UKP306;H2306 UKP306;HS2306 UKP306;HE2306	25 7/8 1	50 1-31/32	180 7-3/32	140 5-1/2	50 1-31/32	17 43/64	20 25/32	18 23/32	96 3-3/4	38 1.496	M14 1/2	UK306;H2306 UK306;HS2306 UK306;HE2306	P306	2.3	
UKP307;H2307 UKP307;HS2307	30 1-1/8	56 2-13/64	210 8-9/32	160 6-5/16	56 2-7/32	17 43/64	25 63/64	20 25/32	106 4-3/16	43 1.693	M14 1/2	UK307;H2307 UK307;HS2307	P307	3.0	
UKP308;H2308 UKP308;HE2308 UKP308;HS2308	35 1-1/4 1-3/8	60 2-23/64	220 8-21/32	170 6-11/16	60 2-3/8	17 43/64	27 1-1/16	22 7/8	116 4-9/16	46 1.811	M16 5/8	UK308;H2308 UK308;HE2308 UK308;HS2308	P308	3.8	
UKP309;H2309 UKP309;HA2309 UKP309;HE2309 UKP309;HS2309	40 1-7/16 1-1/2 1-5/8	67 1-41/64	245 9-21/32	190 7-15/32	67 2-5/8	20 25/32	30 1-3/16	24 15/16	129 5-3/32	50 1.969	M16 5/8	UK309;H2309 UK309;HA2309 UK309;HE2309 UK309;HS2309	P309	5.0	
UKP310;H2310 UKP310;HS2310 UKP310;HA2310 UKP310;HE2310	45 1-5/8 1-11/16 1-3/4	75 2-61/64	275 10-13/16	212 8-11/32	75 2-15/16	20 25/32	35 1-3/8	27 1-1/16	143 5-5/8	55 2.165	M16 5/8	UK310;H2310 UK310;HS2310 UK310;HA2310 UK310;HE2310	P310	6.7	
UKP311;H2311 UKP311;HS2311 UKP311;HA2311 UKP311;HE2311	50 1-7/8 1-15/16 2	80 3-5/32	310 12-7/32	236 9-9/32	80 3-5/32	2 25/32	38 1-1/2	30 1-3/16	154 6-1/16	59 2.323	M16 5/8	UK311;H2311 UK311;HS2311 UK311;HA2311 UK311;HE2311	P311	8.1	
UKP312;H2312 UKP312;HS2312	55 2-1/8	85 3-11/32	330 12	250 9-27/32	85 3-11/32	25 63/64	38 1-1/2	32 1-1/4	165 6-1/2	62 2.441	M20 3/4	UK312;H2312 UK312;HS2312	P312	9.4	
UKP313;H2313 UKP313;HA2313 UKP313;HA2313 UKP313;HS2313	60 2-3/16 2-1/4 2-3/8	90 3-35/64	340 13-3/8	260 10-1/4	90 3-17/32	25 63/64	38 1-1/2	33 1-5/16	176 6-15/16	65 2.559	M20 3/4	UK313;H2313 UK313;HA2313 UK313;HA2313 UK313;HS2313	P313	10.8	
UKP315;H2315 UKP315;HA2315 UKP315;HE2315	65 2-7/16 2-1/2	100 3-15/16	380 14-31/32	290 11-13/32	100 3-15/16	27 1-1/16	40 1-9/16	35 1-3/8	198 7-25/32	73 2.874	M22 7/8	UK315;H2315 UK315;HA2315 UK315;HE2315	P315	14.9	
UKP316;H2316 UKP316;HA2316 UKP316;HE2316	70 2-11/16 2-3/4	106 4-11/64	400 15-3/4	300 11-13/16	110 4-11/32	27 1-1/16	40 1-9/16	40 1-9/16	210 8-9/32	78 3.071	M22 7/8	UK316;H2316 UK316;HA2316 UK316;HE2316	P316	18.6	
UKP317;H2317 UKP317;HA2317 UKP317;HS2317	75 2-15/16 3	112 4-11/64	420 16-17/32	320 12-19/32	110 4-11/32	33 1-5/16	45 1-25/32	40 1-9/16	220 8-21/32	82 3.228	M27 1	UK317;H2317 UK317;HA2317 UK317;HS2317	P317	20.2	
UKP318;H2318 UKP318;HA2318	80 3-3/16	118 4-41/64	430 16-15/16	330 13	110 4-11/32	33 1-5/16	45 1-25/32	45 1-25/32	235 9-1/4	86 3.386	M27 1	UK318;H2318 UK318;HA2318	P318	22.8	
UKP319;H2319 UKP319;HA2319	85 3-5/16	125 4-59/64	470 18-1/2	360 14-3/16	120 4-23/32	36 1-13/32	50 1-31/32	45 1-25/32	250 9-27/32	90 3.543	M30 1-1/8	UK319;H2319 UK319;HA2319	P319	29.3	
UKP320;H2320 UKP320;HA2320	90 3-7/16	140 5-33/64	490 19-9/32	380 14-31/32	120 4-23/32	36 1-13/32	50 1-32/32	50 1-31/32	275 10-53/64	97 3.814	M30 1-1/8	UK320;H2320 UK320;HA2320	P320	34.8	
UKP322;H2322 UKP322;HA2322	100 3-15/16	150 5-29/32	520 20-15/32	400 15-3/4	140 5-1/2	40 1-9/16	55 2-5/32	55 2-5/32	300 11-13/16	105 4.134	M33 1-1/4	UK322;H2322 UK322;HA2322	P322	43.9	
UKP324;H2324 UKP324;HA2324	110 4-3/16	160 6-19/64	570 22-7/16	450 17-23/32	140 5-1/2	40 1-9/16	55 2-5/32	65 1-21/32	320 12-19/32	112 4.410	M33 1-1/4	UK324;H2324 UK324;HA2324	P324	55.7	
UKP326;H2326 UKP326;HA2326	115 4-7/16	180 7-3/32	600 23-5/8	480 18-29/32	140 5-1/2	40 1-9/16	55 2-5/32	75 2-61/64	355 13-31/32	121 4.764	M33 1-1/4	UK326;H2326 UK326;HA2326	P326	71.9	
UKP328;H2328 UKP328;HA2328	125 4-15/16	200 7-7/8	620 24-13/32	500 19-11/16	140 5-1/2	40 1-9/16	55 2-5/32	75 2-61/64	390 15-32/64	131 5.158	M33 1-1/4	UK328;H2328 UK328;HA2328	P328	92.5	

Flange Units (Square)

UCF2 (Normal-duty)

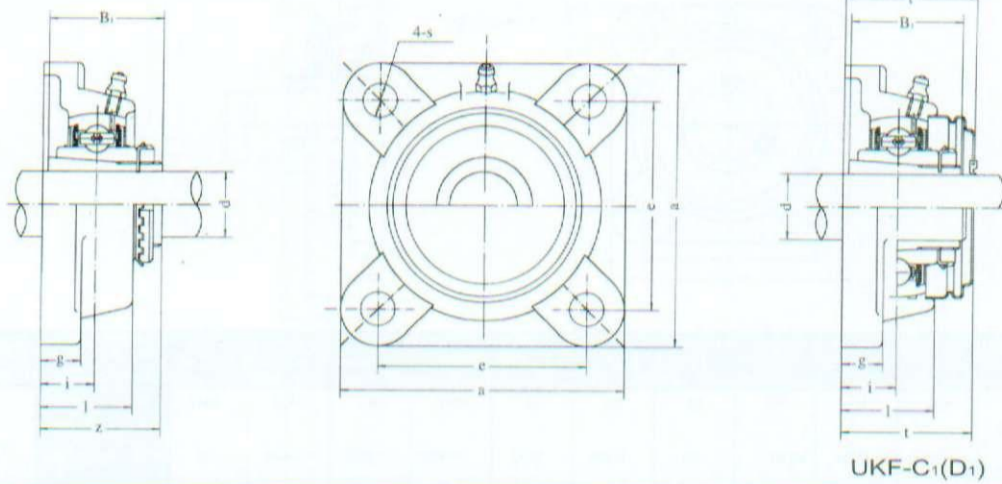


Unit No.	Dimensions mm											Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	z	t	B	n				
UCF201 UCF201-8	12 1/2	86 3-3/8	64 2-33/64	15 19/32	12 15/32	25.5 1	12 15/32	33.3 1-5/16	37.5 1-31/64	31 1.2205	12.7 0.500	M10 3/8	UC201 UC201-8	F204	0.60 0.59
UCF202 UCF202-9 UCF202-10	15 9/16 5/8	86 3-3/8	64 2-33/64	15 19/32	12 15/32	25.5 1	12 15/32	33.3 1-5/16	37.5 1-31/64	31 1.2205	12.7 0.500	M10 3/8	UC202 UC202-9 UC202-10	F204	0.59 0.59 0.59
UCF203 UCF203-11	17 11/16	86 3-3/8	64 2-33/64	15 19/32	12 15/32	25.5 1	12 15/32	33.3 1-5/16	37.5 1-31/64	31 1.2205	12.7 0.500	M10 3/8	UC203 UC203-11	F204	0.58 0.57
UCF204 UCF204-12	20 3/4	86 3-3/8	64 2-33/64	15 19/32	12 15/32	25.5 1	12 15/32	33.3 1-5/16	37.5 1-31/64	31 1.2205	12.7 0.500	M10 3/8	UC204 UC204-12	F204	0.56 0.56
UCF205 UCF205-13 UCF205-14 UCF205-15 UCF205-16	25 13/16 7/8 15/16 1	95 3-3/4	70 2-3/4	16 5/8	14 35/64	27 1-1/16	12 15/32	35.8 1-13/32	40 1-9/16	34.1 1.3425	14.3 0.563	M10 3/8	UC205 UC205-13 UC205-14 UC205-15 UC205-16	F205	0.80 0.84 0.83 0.81 0.80
UCF206 UCF206-17 UCF206-18 UCF206-19 UCF206-20	30 1-1/16 1-1/8 1-3/16 1-1/4	108 4-1/4	83 3-17/64	18 45/64	14 35/64	31 1-7/32	12 15/32	40.2 1-19/32	44.5 1-3/4	38.1 1.5000	15.9 0.626	M10 3/8	UC206 UC206-17 UC206-18 UC206-19 UC206-20	F206	1.12 1.15 1.14 1.12 1.11
UCF207 UCF207-20 UCF207-21 UCF207-22 UCF207-23	35 1-1/4 1-5/16 1-3/8 1-7/16	117 4-39/64	92 3-5/8	19 3/4	16 5/8	34 1-11/32	14 35/64	44.4 1-3/4	48.5 1-29/32	42.9 1.6890	17.5 0.689	M12 7/16	UC207 UC207-20 UC207-21 UC207-22 UC207-23	F207	1.46 1.52 1.49 1.46 1.43
UCF208 UCF208-24 UCF208-25	40 1-1/2 1-9/16	130 5-1/8	102 4-1/64	21 53/64	16 5/8	36 1-27/64	16 5/8	51.2 2-1/64	55.5 2-3/16	49.2 1.9370	19 0.748	M14 1/2	UC208 UC208-24 UC208-25	F208	1.84 1.88 1.85
UCF209 UCF209-26 UCF209-27 UCF209-28	45 1-5/8 1-11/16 1-3/4	137 5-13/32	105 4-9/64	22 55/64	18 23/32	38 1-1/2	16 5/8	52.2 2-1/16	56.5 2-7/32	49.2 1.9370	19 0.748	M14 1/2	UC209 UC209-26 UC209-27 UC209-28	F209	2.15 2.25 2.21 2.17
UCF210 UCF210-29 UCF210-30 UCF210-31 UCF210-32	50 1-13/16 1-7/8 1-15/16 2	143 5-5/8	111 4-3/8	22 55/64	18 23/32	40 1-9/16	16 5/8	54.6 2-5/32	59.5 2-11/32	51.6 2.0315	19 0.748	M14 1/2	UC210 UC210-29 UC210-30 UC210-31 UC210-32	F210	2.42 2.54 2.49 2.44 2.40
UCF211 UCF211-32 UCF211-33 UCF211-34 UCF211-35	55 2 2-1/16 2-1/8 2-3/16	162 6-3/8	130 5-1/8	25 63/64	20 25/32	43 1-11/16	19 3/4	58.4 1-5/16	63 2-31/64	55.6 2.1890	22.2 0.874	M16 5/8	UC211 UC211-32 UC211-33 UC211-34 UC211-35	F211	3.31 3.46 3.40 3.35 3.29
UCF212 UCF212-36 UCF212-37 UCF212-38 UCF212-39	60 2-1/4 2-5/16 2-3/8 2-7/16	175 6-57/64	143 5-5/8	29 1-9/64	20 25/32	48 1-57/64	19 3/4	68.7 2-45/64	73.5 2-57/64	65.1 2.5630	25.4 1.000	M16 5/8	UC212 UC212-36 UC212-37 UC212-38 UC212-39	F212	4.28 4.41 4.33 4.26 4.19
UCF213 UCF213-40 UCF213-41	65 2-1/2 2-9/16	187 7-23/64	149 5-55/64	30 1-3/16	22 55/64	50 1-31/32	19 3/4	69.7 2-3/4	74.5 2-15/16	65.1 2.5630	25.4 1.000	M16 5/8	UC213 UC213-40 UC213-41	F213	4.99 5.08 4.99
UCF214 UCF214-42 UCF214-43 UCF214-44	70 2-5/8 2-11/16 2-3/4	193 7-19/32	152 5-63/64	31 1-7/32	22 55/64	54 2-1/8	19 3/4	75.4 2-31/32	81.5 3-13/64	74.6 2.9370	30.2 1.189	M16 5/8	UC214 UC214-42 UC214-43 UC214-44	F214	5.85 6.08 5.96 5.86
UCF215 UCF215-45 UCF215-46 UCF215-47 UCF215-48	75 2-13/16 2-7/8 2-15/16 3	200 7-7/8	159 6-17/64	34 1-11/32	22 55/64	56 2-7/32	19 3/4	78.5 3-3/32	83.5 3-9/32	77.8 3.0630	33.3 1.311	M16 5/8	UC215 UC215-45 UC215-46 UC215-47 UC215-48	F215	6.91 7.16 7.05 6.94 6.82
UCF216 UCF216-49 UCF216-50 UCF216-51	80 3-1/16 3-1/8 3-3/16	208 8-3/16	165 6-1/2	34 1-11/32	22 55/64	58 2-9/32	23 29/32	83.3 3-9/32	88.5 3-31/64	82.6 3.2520	33.3 1.311	M20 3/4	UC216 UC216-49 UC216-50 UC216-51	F216	7.50 7.68 7.55 7.42
UCF217 UCF217-52 UCF217-53 UCF217-55	85 3-1/4 3-5/16 3-7/16	220 8-21/23	175 6-57/64	36 1-27/64	24 15/16	63 2-15/32	23 29/32	87.6 3-7/16	92.6 3-41/64	85.7 3.3740	34.1 1.343	M20 3/4	UC217 UC217-52 UC217-53 UC217-55	F217	9.66 9.88 9.74 9.45
UCF218 UCF218-56	90 3-1/2	235 9-1/4	187 7-23/64	40 1-37/64	24 15/16	68 2-11/16	23 29/32	96.3 3-25/32	101.5 4	96 3.7795	39.7 1.5630	M20 3/4	UC218 UC218-56	F218	12.06 12.17



Unit No.	Dimensions <sup>mm</sup> <sub>in.</sub>											Bolt Size <sup>mm</sup> <sub>inch</sub>	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	S	z	B	n					
HCF204	20	86	64	15	12	25.5	12	41.6	43.7	17.1	M10	HC204	F204	0.63	
HCF204-12	3/4	3-3/8	2-33/64	19/32	15/32	1	15/32	1-41/64	1.720	0.673	3/8	HC204-12		0.63	
HCF205	25	95	70	16	14	27	12	42.9	44.4	17.5	M10	HC205	F205	0.87	
HCF205-13	13/16											HC205-13		0.92	
HCF205-14	7/8	3-3/4	2-3/4	5/8	35/64	1-1/16	15/32	1-11/16	1.748	0.689	3/8	HC205-14		0.91	
HCF205-15	15/16											HC205-15		0.89	
HCF205-16	1											HC205-16		0.87	
HCF206	30	108	83	18	14	31	12	48.1	48.4	18.3	M10	HC206	F206	1.25	
HCF206-17	1-1/16											HC206-17		1.30	
HCF206-18	1-1/8	4-1/4	3-17/64	45/64	35/64	1-7/32	15/32	1-57/64	1.906	0.720	3/8	HC206-18		1.27	
HCF206-19	1-3/16											HC206-19		1.25	
HCF206-20	1-1/4											HC206-20		1.24	
HCF207	35	117	92	19	16	34	14	51.3	51.1	18.8	M12	HC207	F207	1.58	
HCF207-20	1-1/4											HC207-20		1.65	
HCF207-21	1-5/16	4-39/64	3-5/8	3/4	5/8	1-11/32	35/64	2-1/64	2.012	0.740	7/16	HC207-21		1.61	
HCF207-22	1-3/8											HC207-22		1.58	
HCF207-23	1-7/16											HC208-23		1.55	
HCF208	40	130	102	21	16	36	16	55.9	56.3	21.4	M14	HC208	F208	1.99	
HCF208-24	1-1/2	5-1/8	4-1/64	53/64	5/8	1-27/32	5/8	2-13/64	2.217	0.843	1/2	HC208-24		2.04	
HCF208-25	1-9/16											HC208-25		2.00	
HCF209	45	137	105	22	18	38	16	56.9	56.3	21.4	M14	HC209		F209	2.32
HCF209-26	1-5/8											HC209-26	2.43		
HCF209-27	1-11/16	5-13/32	4-9/64	55/64	55/64	1-1/2	5/8	2-15/64	2.217	0.843	1/2	HC209-27	2.38		
HCF209-28	1-3/4											HC209-28	2.34		
HCF210	50	143	111	22	18	40	16	60.1	62.7	24.6	M14	HC210	F210	2.61	
HCF210-29	1-13/16											HC210-29		2.76	
HCF210-30	1-7/8	5-5/8	4-3/8	55/64	23/32	1-9/16	5/8	2-3/8	2.469	0.969	1/2	HC210-30		2.70	
HCF210-31	1-15/16											HC210-31		2.64	
HCF210-32	2											HC210-32		2.58	
HCF211	55	162	130	25	20	43	19	68.6	71.4	27.8	M16	HC211	F211	3.52	
HCF211-32	2											HC211-32		3.72	
HCF211-33	2-1/16	6-3/8	5-1/8	63/64	25/32	1-11/16	3/4	2-45/64	2.811	1.094	5/8	HC211-33		3.64	
HCF211-34	2-1/8											HC211-34		3.57	
HCF211-35	2-3/16											HC211-35		3.49	
HCF212	60	175	143	29	20	48	19	75.8	77.8	31	M16	HC212	F212	4.62	
HCF212-36	2-1/4											HC212-36		4.78	
HCF212-37	2-5/16	6-57/64	5-5/8	1-9/64	25/32	1-57/64	3/4	2-63/64	3.063	1.220	5/8	HC212-37		4.69	
HCF212-38	2-3/8											HC212-38		4.64	
HCF212-39	2-7/16											HC212-39		4.51	
HCF213	65	187	149	30	22	50	19	81.6	85.7	34.1	M16	HC213	F213	5.55	
HCF213-40	2-1/2	7-23/64	5-55/64	1-3/16	55/64	1-31/32	3/4	3-7/32	3.374	1.343	5/8	HC213-40		5.65	
HCF213-41	2-9/16											HC213-41		5.54	
HCF214	70	193	152	31	22	54	19	82.6	85.7	34.1	M16	HC214	F214	6.35	
HCF214-42	2-3/8											HC214-42		6.59	
HCF214-43	2-11/16	7-19/32	5-63/64	1-7/32	55/64	2-1/8	3/4	3-1/4	3.374	1.343	5/8	HC214-43		6.48	
HCF214-44	2-3/4											HC214-44		6.36	
HCF215	75	200	159	34	22	56	19	88.8	92.1	37.3	M16	HC215	F215	7.54	
HCF215-45	2-13/16											HC215-45		7.84	
HCF215-46	2-7/8	7-7/8	6-17/64	1-11/32	55/64	2-7/32	3/4	3-1/2	3.626	1.426	5/8	HC215-46		7.71	
HCF215-47	2-15/16											HC215-47		7.58	
HCF215-48	3											HC215-48		7.44	

**Flange Units (square)**  
 (with adapter mounted)



UKF-C<sub>1</sub>(D<sub>1</sub>)

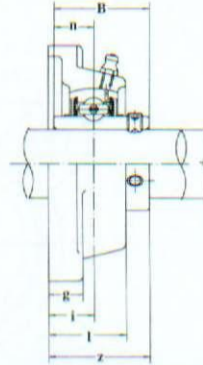
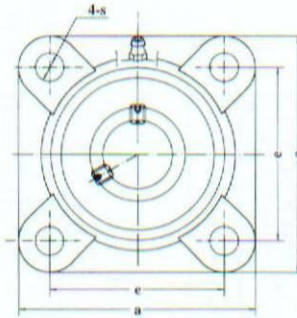
Unit No.	Dimensions										Bearing Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	a	e	l	g	l	s	z	t	B <sub>1</sub>				
UKF205;H2305	20	95	70	16	14	27	12	35.5	40	35	M10	UK205;H2305	F205	0.85
UKF205;HE2305	3/4	3-3/4	2-3/4	5/8	35/64	1-1/16	15/32	1-25/64	1-9/16	1.378	3/8	UK205;HE2305		
UKF206;H2306	25	108	83	18	14	31	12	39	44.5	38	M10	UK206;H2306	F206	1.16
UKF206;HS2306	7/8	4-1/4	3-17/64	45/64	35/64	1-7/32	15/32	1-17/32	1-3/4	1.496	3/8	UK206;HS2306		
UKF206;HE2306	1											UK206;HE2306		
UKF207;H2307	30	117	92	19	16	34	14	42.5	48.5	43	M12	UK207;H2307	F207	1.55
UKF207;HS2307	1-1/8	4-39/64	3-5/8	3/4	5/8	1-11/32	35/64	1-43/64	1-29/32	1.693	7/16	UK207;HS2307		
UKF208;H2308	35	130	102	21	16	36	16	46.5	55.5	46	M14	UK208;H2308	F208	1.94
UKF208;HE2308	1-1/4	5-1/8	4-1/64	53/64	5/8	1-27/64	5/8	1-53/64	2-3/16	1.811	1/2	UK208;HE2308		
UKF208;HS2308	1-3/8											UK208;HS2308		
UKF209;H2309	40	137	105	22	18	38	16	48.5	56.5	50	M14	UK209;H2309	F209	2.30
UKF209;HA2309	1-7/16											UK209;HA2309		
UKF209;HE2309	1-1/2	5-13/32	4-9/64	55/64	23/32	1-1/2	5/8	1-29/32	2-7/32	1.969	1/2	UK209;HE2309		
UKF209;HS2309	1-5/8											UK209;HS2309		
UKF210;H2310	45	143	111	22	18	40	16	50	59.5	55	M14	UK210;H2310	F210	2.59
UKF210;HS2310	1-5/8											UK210;HS2310		
UKF210;HA2310	1-11/16	5-5/8	4-3/8	55/64	23/32	1-9/16	5/8	1-31/32	2-11/32	2.165	1/2	UK210;HA2310		
UKF210;HE2310	1-3/4											UK210;HE2310		
UKF211;H2311	50	162	130	25	20	43	19	54.5	63	59	M16	UK211;H2311	F211	3.46
UKF211;HS2311	1-7/8											UK211;HS2311		
UKF211;HA2311	1-15/16	6-3/8	5-1/8	63/64	25/32	1-11/16	3/4	2-9/64	2-31/64	2.323	5/8	UK211;HA2311		
UKF211;HE2311	2											UK211;HE2311		
UKF212;H2312	55	175	143	29	20	48	19	61	73.5	62	M16	UK212;H2312	F212	4.33
UKF212;HS2312	2-1/8	6-57/64	5-5/8	1-9/64	25/32	1-57/64	3/4	2-13/32	2-57/64	2.441	5/8	UK212;HS2312		
UKF213;H2313	60	187	149	30	22	50	19	64	74.5	65	M16	UK213;H2313	F213	4.90
UKF213;HA2313	2-3/16											UK213;HA2313		
UKF213;HE2313	2-1/4	7-23/64	5-55/64	1-3/16	55/64	1-31/32	3/4	2-33/64	2-15/16	2.559	5/8	UK213;HE2313		
UKF213;HS2313	2-3/8											UK213;HS2313		
UKF215;H2315	65	200	159	34	22	56	19	71	83.5	73	M16	UK215;H2315	F215	7.02
UKF215;HA2315	2-7/16											UK215;HA2315		
UKF215;HE2315	2-1/2	7-7/8	6-17/64	1-11/32	55/64	2-7/32	3/4	2-51/64	3-9/32	2.874	5/8	UK215;HE2315		
UKF216;H2316	70	208	165	34	22	58	23	73.5	88.5	78	M20	UK216;H2316	F216	7.76
UKF216;HA2316	2-11/16											UK216;HA2316		
UKF216;HE2316	2-3/4	8-3/16	6-1/2	1-11/32	55/64	2-9/32	29/32	2-57/64	3-31/64	3.071	3/4	UK216;HE2316		
UKF217;H2317	75	220	175	36	24	63	23	77	92.6	82	M20	UK217;H2317	F217	10.08
UKF217;HA2317	2-15/16											UK217;HA2317		
UKF217;HE2317	3	8-21/32	6-57/64	1-27/64	15/16	2-15/32	29/32	3-1/32	3-41/64	3.228	3/4	UK217;HE2317		
UKF218;H2318	80	235	187	40	24	68	23	81.5	101.5	86	M20	UK218;H2318	F218	12.44
UKF218;HA2318	3-3/16											UK218;HA2318		



**FK BALL BEARING UNITS**

**UCFX** (medium-duty)

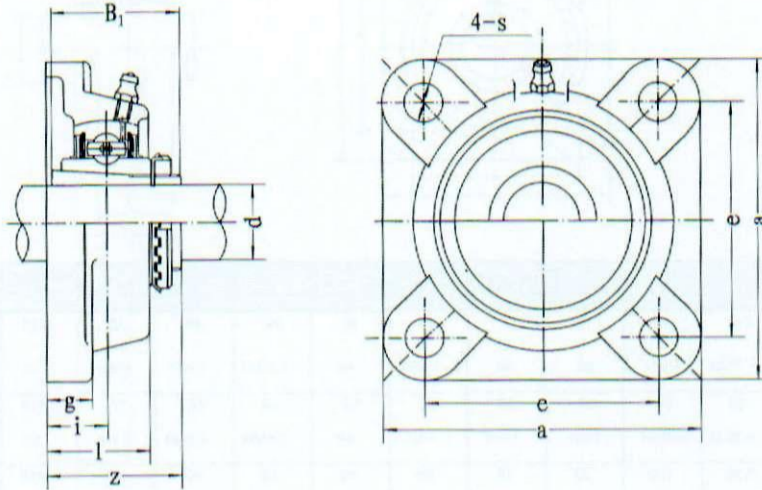
**Flang Units** (square)



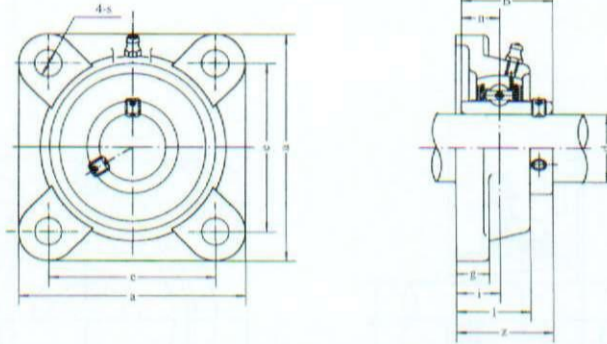
Unit No.	Dimensions										Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	z	B	n				
UCFX05	25	108	83	18	13	30	12	40.2	38.1	15.9	M10	UCX05	FX05	1.0
UCFX05-13	13/16											UCX05-13		
UCFX05-14	7/8	4-1/4	3-17/64	45/64	1/2	1-3/16	15/32	1-19/32	1.5000	0.626	3/8	UCX05-14		
UCFX05-15	15/16											UCX05-15		
UCFX05-16	1											UCX05-16		
UCFX06	30	117	92	19	14	34	16	44.4	42.9	17.5	M14	UCX06	FX06	1.7
UCFX06-17	1-1/16											UCX06-17		
UCFX06-18	1-1/8	4-39/64	3-5/8	3/4	9/16	1-11/32	5/8	1-3/4	1.6890	0.689	1/2	UCX06-18		
UCFX06-19	1-3/16											UCX06-19		
UCFX06-20	1-1/4											UCX06-20		
UCFX07	35	130	102	21	14	38	16	51.2	49.2	19	M14	UCX07	FX07	2.1
UCFX07-21	1-5/16											UCX07-21		
UCFX07-22	1-3/8	5-1/8	4-1/64	53/64	9/16	1-1/2	5/8	2-1/64	1.9370	0.748	1/2	UCX07-22		
UCFX07-23	1-7/16											UCX07-23		
UCFX08	40	137	105	22	14	40	19	52.2	49.2	19	M16	UCX08	FX08	2.4
UCFX08-24	1-1/2	5-13/32	4-9/64	55/64	9/16	1-9/16	3/4	2-1/64	1.9370	0.748	5/8	UCX08-24		
UCFX08-25	1-9/16											UCX08-25		
UCFX09	45	143	111	23	14	40	19	55.6	51.6	19	M16	UCX09	FX09	2.5
UCFX09-26	1-5/8											UCX09-26		
UCFX09-27	1-11/16	5-5/8	4-3/8	29/32	9/16	1-9/16	3/4	2-3/16	2.0315	0.748	5/8	UCX09-27		
UCFX09-28	1-3/4											UCX09-28		
UCFX09-29	1-13/16											UCX09-29		
UCFX10	50	162	130	26	20	44	19	59.4	55.6	22.2	M16	UCX10	FX10	3.9
UCFX10-30	1-7/8											UCX10-30		
UCFX10-31	1-15/16	6-3/8	5-1/8	1-1/32	25/32	1-23/32	3/4	2-11/32	2.1890	0.874	5/8	UCX10-31		
UCFX10-32	2											UCX10-32		
UCFX11	55	175	143	29	20	49	19	68.7	65.1	25.4	M16	UCX11	FX11	4.9
UCFX11-33	2-1/16											UCX11-33		
UCFX11-34	2-1/8	6-57/64	5-5/8	1-9/64	25/32	1-15/16	3/4	2-45/64	2.5630	1.000	5/8	UCX11-34		
UCFX11-35	2-3/16											UCX11-35		
UCFX11-36	2-1/4											UC211-36		
UCFX11-37	2-5/16											UC211-37		
UCFX12	60	187	149	34	21	59	19	73.7	65.1	25.4	M16	UCX12	FX12	5.2
UCFX12-38	2-3/8	7-23/64	5-55/64	1-11/32	13/16	2-5/16	3/4	2-29/32	2.5630	1.000	5/8	UCX12-38		
UCFX12-39	2-7/16											UCX12-39		
UCFX13	65	187	149	34	21	59	19	78.4	74.6	30.2	M16	UCX13	FX13	5.3
UCFX13-40	2-1/2	7-23/64	5-55/64	1-11/32	13/16	2-5/16	3/4	3-3/32	2.9370	1.189	5/8	UCX13-40		
UCFX13-41	2-9/16											UCX13-41		
UCFX14	70	197	152	37	24	60	23	81.5	77.8	33.3	M20	UCX14	FX14	7.3
UCFX14-42	2-5/8											UCX14-42		
UCFX14-43	2-11/16	7-3/4	5-63/64	1-29/64	15/16	2-3/8	29/32	3-13/64	3.0630	1.311	3/4	UCX14-43		
UCFX14-44	2-3/4											UCX14-44		
UCFX15	75	197	152	40	24	68	23	89.3	82.6	33.3	M20	UCX15	FX15	8.1
UCFX15-45	2-13/16											UCX15-45		
UCFX15-46	2-7/8	7-3/4	5-63/64	1-37/64	15/16	2-11/16	29/32	3-33/64	3.2520	1.311	3/4	UCX15-46		
UCFX15-47	2-15/16											UCX15-47		
UCFX15-48	3											UCX15-48		
UCFX16	80	214	171	40	24	70	23	91.6	85.7	34.1	M20	UCX16	FX16	9.9
UCFX16-49	3-1/16											UCX16-49		
UCFX16-50	3-1/8	8-7/16	6-47/64	1-37/64	15/16	2-3/4	29/32	3-39/64	3.3740	1.343	3/4	UCX16-50		
UCFX16-51	3-3/16											UCX16-51		
UCFX16-52	3-1/4											UCX16-52		
UCFX17	85	214	171	40	24	70	23	96.3	96	39.7	M20	UCX17	FX17	11
UCFX17-53	3-5/16											UCX17-53		
UCFX17-55	3-7/16	8-7/16	6-47/64	1-37/64	15/16	2-3/4	29/32	3-25/32	3.7795	1.563	3/4	UCX17-55		
UCFX18	90	214	171	45	24	76	23	106.1	104	42.9	M20	UCX18	FX18	11
UCFX18-56	3-1/2	8-7/16	6-47/64	1-49/64	15/16	3	29/32	4-3/16	4.0945	1.689	3/4	UCX18-56		
UCFX20	100	268	211	59	31	97	31	127.3	117.5	49.2	M27	UCX20	FX20	17
UCFX20-64	4	10-9/16	8-5/16	2-21/64	1-7/32	3-13/16	1-7/32	5-1/64	4.6260	1.689	1	UCX20-64		

**Flange Units**(square)  
(with adapter mounted)

**UKFX** (Medium-duty)



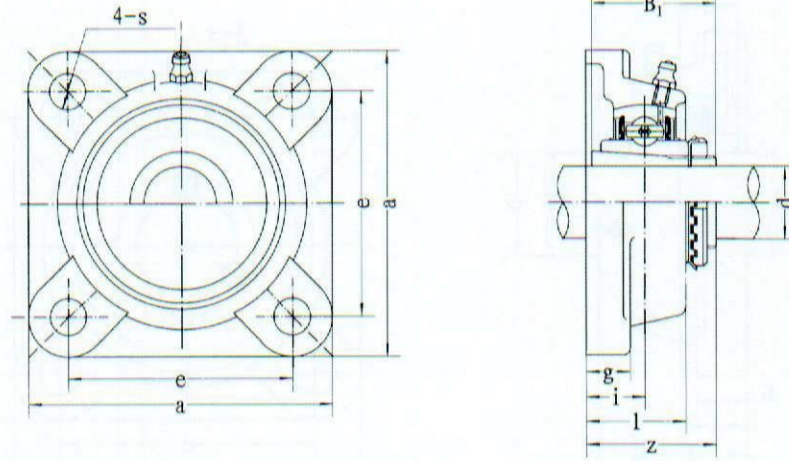
Unit No.	Dimensions <small>mm in.</small>									Bolt Used mm	Bearing NO.	Housing NO.	Weight (kg)
	d	a	e	i	g	l	s	z	B <sub>1</sub>				
UKFX05;H2305	20	108	83	18	13	30	12	39	35	M10	UKFX05;H2305	FX05	1.2
UKFX05;HE2305	3/4	4-1/4	3-17/64	45/64	1/2	1-3/16	15/32	1-17/32	1.378	3/8	UKFX05;HE2305		
UKFX06;H2306	25	117	92	19	14	34	16	41.5	38	M14	UKFX06;H2306	FX06	1.6
UKFX06;HS2306	7/8	4-39/64	3-5/8	3/4	9/16	1-11/32	5/8	1-41/64	1.496	1/2	UKFX06;HS2306		
UKFX06;HE2306	1										UKFX06;HE2306		
UKFX07;H2307	30	130	102	21	14	38	16	45.5	43	M14	UKFX07;H2307	FX07	2.0
UKFX07;HS2307	1-1/8	5-1/8	4-1/64	53/64	9/16	1-1/2	5/8	1-51/64	1.693	1/2	UKFX07;HS2307		
UKFX08;H2308	35	137	105	22	14	40	19	47.5	46	M16	UKFX08;H2308	FX08	2.3
UKFX08;HE2308	1-1/4	5-13/32	4-9/64	55/64	9/16	1-9/16	3/4	1-7/8	1.811	5/8	UKFX08;HE2308		
UKFX08;HS2308	1-3/8										UKFX08;HS2308		
UKFX09;H2309	40	143	111	23	14	40	19	50	50	M16	UKFX09;H2309	FX09	2.7
UKFX09;HA2309	1-5/8										UKFX09;HA2309		
UKFX09;HE2309	1-1/2	5-5/8	4-3/8	29/32	9/16	1-9/16	3/4	1-31/32	1.969	5/8	UKFX09;HE2309		
UKFX09;HS2309	1-5/8										UKFX09;HS2309		
UKFX10;H2310	45	162	130	26	20	44	19	55.5	55	M16	UKFX10;H2310	FX10	3.6
UKFX10;HS2310	1-5/8										UKFX10;HS2310		
UKFX10;HA2310	1-11/16	6-3/8	5-1/8	1-1/32	25/32	1-23/32	3/4	2-3/16	2.165	5/8	UKFX10;HA2310		
UKFX10;HE2310	1-3/4										UKFX10;HE2310		
UKFX11;H2311	50	175	143	29	20	49	19	60	59	M16	UKFX11;H2311	FX11	4.6
UKFX11;HS2311	1-7/8										UKFX11;HS2311		
UKFX11;HA2311	1-15/16	6-57/64	5-5/8	1-9/64	25/32	1-15/16	3/4	2-23/64	2.323	5/8	UKFX11;HA2311		
UKFX11;HE2311	2										UKFX11;HE2311		
UKFX12;H2312	55	187	149	34	21	59	19	67	62	M16	UKFX12;H2312	FX12	5.5
UKFX12;HS2312	2-1/8	7-23/64	5-55/64	1-11/32	13/16	2-5/16	3/4	2-41/64	2.441	5/8	UKFX12;HS2312		
UKFX13;H2313	60	187	149	34	21	59	19	68	65	M16	UKFX13;H2313	FX13	6.0
UKFX13;HA2313	2-3/16										UKFX13;HA2313		
UKFX13;HE2313	2-1/4	7-23/64	5-55/64	1-11/32	13/16	22-5/16	3/4	2-11/16	2.559	5/8	UKFX13;HE2313		
UKFX13;HS2313	2-3/8										UKFX13;HS2313		
UKFX15;H2315	65	197	152	40	24	68	23	77.5	73	M20	UKFX15;H2315	FX15	8.1
UKFX15;HA2315	2-7/16	7-3/4	5-63/64	1-37/64	15/16	2-11/16	29/32	2-3/64	2.874	3/4	UKFX15;HA2315		
UKFX15;HS2315	2-1/2										UKFX15;HS2315		
UKFX16;H2316	70	214	171	40	24	70	23	80	78	M20	UKFX16;H2316	FX16	9.5
UKFX16;HA2316	2-11/16	8-7/16	6-47/64	1-37/64	15/16	2-3/4	29/32	3-5/32	3.071	3/4	UKFX16;HA2316		
UKFX16;HS2316	2-3/4										UKFX16;HS2316		
UKFX17;H2317	75	214	171	40	24	70	23	81.5	82	M20	UKFX17;H2317	FX17	10.4
UKFX17;HA2317	2-15/16	8-7/16	6-47/64	15/16	2-3/4	29/32	3-13/64	3.228	3/4		UKFX17;HA2317		
UKFX17;HE2317	3										UKFX17;HE2317		
UKFX18;H2318	80	214	171	45	24	76	23	88	86	M20	UKFX18;H2318	FX18	11.4
UKFX18;HA2318	3-3/16	8-7/16	6-47/64	1-49/64	15/16	3	29/32	3-15/32	3.386	3/4	UKFX18;HA2318		
UKFX20;H2320	90	268	211	59	31	97	31	106	97	M27	UKFX20;H2320	FX19	18.4
UKFX20;HA2320	3-1/2	10-9/16	8-5/16	2-21/64	1-7/32	3-13/13	1-7/32	4-3/64	3.814	1	UKFX20;HA2320		



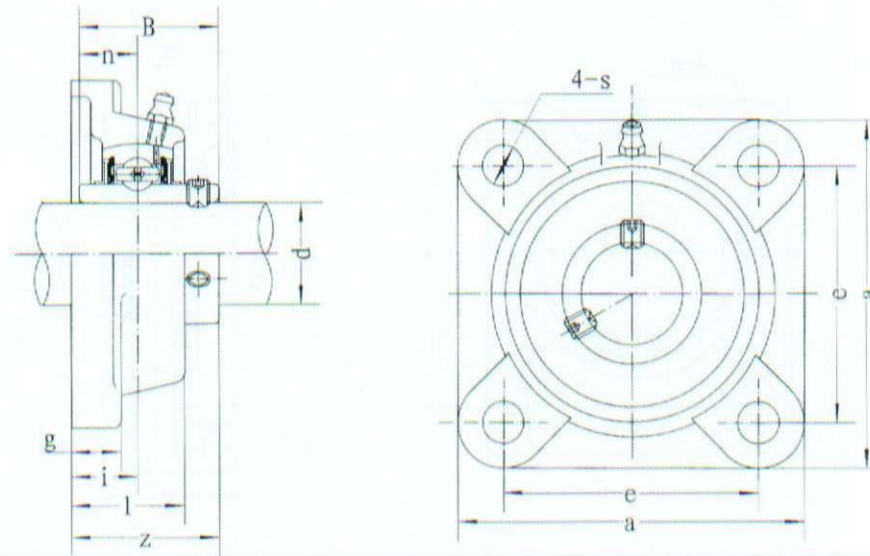
Unit No.	Dimensions										Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	a	e	l	g	i	s	z	B	n				
UCF305 UCF305-13 UCF305-14 UCF305-15 UCF305-16	25 13/16 7/8 15/16 1	110	80	16	13	29	16	39	38	15	M14	UC305 UC305-13 UC305-14 UC305-15	F305	1.1
UCF306 UCF306-17 UCF306-18 UCF306-19	30 1-1/16 1-1/8 1-3/16	125	95	18	15	32	16	44	43	17	M14	UC306 UC306-17 UC306-18 UC306-19	F306	1.6
UCF307 UCF307-20 UCF307-21 UCF307-22 UCF307-23	35 1-1/4 1-5/16 1-3/8 1-7/16	135	100	20	16	36	19	49	48	19	M16	UC307 UC307-20 UC307-21 UC307-22 UC307-23	F307	2
UCF308 UCF308-24 UCF308-25	40 1-1/2 1-9/16	150	112	23	17	40	19	56	52	19	M16	UC308 UC308-24 UC308-25	F308	2.7
UCF309 UCF309-26 UCF309-27 UCF309-28	45 1-5/8 1-11/16 1-3/4	160	125	25	18	44	19	60	57	22	M16	UC309 UC309-26 UC309-27 UC309-28	F309	3.4
UCF310 UCF310-29 UCF310-30 UCF310-31	50 1-13/16 1-7/8 1-15/16	175	132	28	19	48	23	67	61	22	M20	UC310 UC310-29 UC310-30 UC310-31	F310	4.5
UCF311 UCF311-32 UCF311-33 UCF311-34 UCF311-35	55 2 2-1/16 2-1/8 2-3/16	185	140	30	20	52	23	71	66	25	M20	UC311 UC311-32 UC311-33 UC311-34 UC311-35	F311	5.5
UCF312 UCF312-36 UCF312-37 UCF312-38 UCF312-39	60 2-1/4 2-5/16 2-3/8 2-7/16	195	150	33	22	56	23	78	71	26	M20	UC312 UC312-36 UC312-37 UC312-38 UC312-39	F312	6.5
UCF313 UCF313-40 UCF313-41	65 2-1/2 2-9/16	208	166	33	22	58	23	78	75	30	M20	UC313 UC313-40 UC313-41	F313	7.9
UCF314 UCF314-42 UCF314-43 UCF314-44	70 2-5/8 2-11/16 2-3/4	226	178	36	25	61	25	81	78	33	M22	UC314 UC314-42 UC314-43 UC314-44	F314	9.5
UCF315 UCF315-45 UCF315-46 UCF315-47 UCF315-48	75 2-13/16 2-7/8 2-15/16 3	236	184	39	25	66	25	89	82	32	M22	UC315 UC315-45 UC315-46 UC315-47 UC315-48	F315	1.2
UCF316 UCF316-49 UCF316-50 UCF316-51	80 3-1/16 3-1/8 3-3/16	250	196	38	27	68	31	90	86	34	M27	UC316 UC316-49 UC316-50 UC316-51	F316	14
UCF317 UCF317-52 UCF317-53 UCF317-55	85 3-1/4 3-5/16 3-7/16	260	204	44	27	74	31	100	96	40	M27	UC317 UC317-52 UC317-53 UC317-55	F317	16
UCF318 UCF318-55 UCF318-56	90 3-7/16 3-1/2	280	216	44	30	76	35	100	96	40	M30	UC318 UC318-55 UC318-56	F318	19
UCF319 UCF319-58 UCF319-59 UCF319-60	95 3-5/8 3-11/16 3-3/4	290	228	59	30	94	35	121	103	41	M30	UC319 UC319-58 UC319-59 UC319-60	F319	22
UCF320 UCF320-64	100 4	310	242	59	32	94	38	125	108	42	M33	UC320 UC320-64	F320	26
UCF322	110	340	266	60	35	96	41	131	117	46	M36	UC322	F322	38
UCF324	120	370	290	65	40	110	41	140	126	51	M36	UC324	F324	50
UCF326	130	410	320	65	45	115	41	146	135	54	M36	UC326	F326	66
UCF328	140	450	350	75	55	125	41	161	145	59	M36	UC328	F328	90

**Flange Units (square)**  
(with adapter mounted)

**UKF3 (Heavy-duty)**



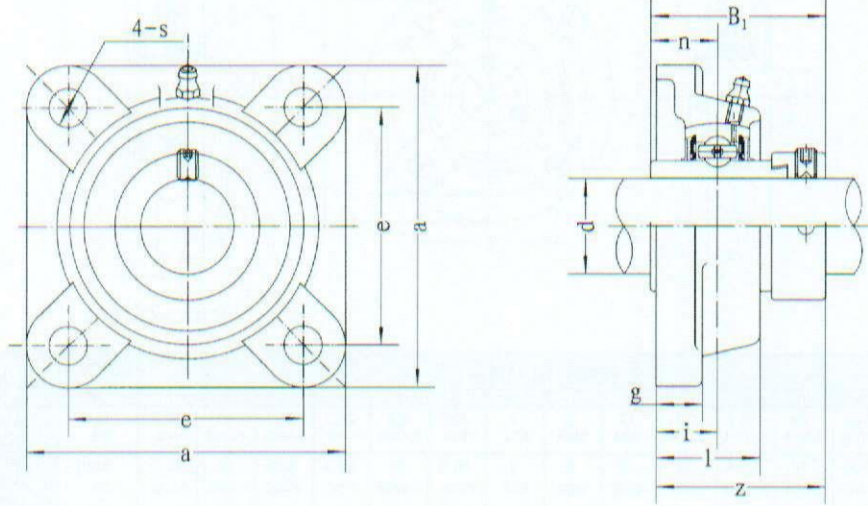
Unit No.	Dimensions <small>mm in.</small>										Bolt Size <small>mm inch</small>	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	z	B <sub>1</sub>					
UKF305;H2305 UKF305;HE2305	20 3/4	110 4-11/32	80 3-5/32	16 5/8	13 1/2	29 1-5/32	16 5/8	37 1-29/64	35 1.378	M14 1/2	UK305;H2305 UK305;HE2305	F305	1.4	
UKF306;H2306 UKF306;HS2306 UKF306;HE2306	25 7/8 1	125 4-29/32	95 3-47/64	18 45/64	15 19/32	32 1-1/4	16 5/8	40.5 2-19/32	38 1.496	M14 1/2	UK306;H2306 UK306;HS2306 UK306;HE2306	F306	1.9	
UKF307;H2307 UKF307;HS2307	30 1-1/8	135 5-5/16	100 3-15/16	20 25/32	16 5/8	36 1-13/32	19 3/4	44.5 2-3/4	43 1.693	M16 5/8	UK307;H2307 UK307;HS2307	F307	2.3	
UKF308;H2308 UKF308;HE2308 UKF308;HS2308	35 11-1/4 1-3/8	150 5-29/32	112 4-13/32	23 29/32	17 21/32	40 1-9/16	19 3/4	50 2-31/32	46 1.811	M16 5/8	UK308;H2308 UK308;HE2308 UK308;HS2308	F308	3.1	
UKF309;H2309 UKF309;HA2309 UKF309;HE2309 UKF309;HS2309	40 1-7/16 1-1/2 1-5/8	160 6-6/16	125 4-59/64	25 63/64	18 23/32	44 1-23/32	19 3/4	54.5 2-9/64	50 1.969	M16 M16	UK309;H2309 UK309;HA2309 UK309;HE2309 UK309;HS2309	F309	4.1	
UKF310;H2310 UKF310;HS2310 UKF310;HA2310 UKF310;HE2310	45 1-5/8 1-11/16 1-3/4	175 6-7/8	132 5-13/64	28 1-7/64	19 3/4	48 1-7/8	23 29/32	60 2-23/64	55 2.166	M20 3/4	UK310;H2310 UK310;HS2310 UK310;HA2310 UK310;HE2310	F310	5.1	
UKF311;H2311 UKF311;HS2311 UKF311;HA2311 UKF311;HE2311	50 1-7/8 1-15/16 2	185 7-9/32	140 5-33/64	30 1-3/16	20 25/32	52 2-1/16	23 29/32	63.5 2-1/2	59 2.323	M20 3/4	UK311;H2311 UK311;HS2311 UK311;HA2311 UK311;HE2311	P311	5.9	
UKF312;H2312 UKF312;HS2312	55 2-1/8	195 7-11/16	150 5-29/32	33 1-19/64	22 7/8	56 2-7/32	23 29/32	69 2-23/32	62 2.441	M20 3/4	UK312;H2312 UK312;HS2312	F312	6.8	
UKF313;H2313 UKF313;HA2313 UKF313;HA2313 UKF313;HS2313	60 2-3/16 2-1/4 2-3/8	208 8-3/16	166 6-17/32	33 1-19/64	22 7/8	58 2-9/32	23 29/32	71 2-51/64	65 2.559	M20 3/4	UK313;H2313 UK313;HA2313 UK313;HA2313 UK313;HS2313	F313	7.9	
UKF315;H2315 UKF315;HA2315 UKF315;HE2315	65 2-7/16 2-1/2	236 9-9/32	184 7-1/4	39 1-17/32	25 63/64	66 2-19/32	25 63/64	81 3-3/16	73 2.874	M22 7/8	UK315;H2315 UK315;HA2315 UK315;HE2315	F315	11.7	
UKF316;H2316 UKF316;HA2316 UKF316;HE2316	70 2-11/16 2-3/4	250 9-27/32	196 7-23/32	38 1-1/2	27 1-1/16	68 2-11/16	31 1-7/32	83.5 3-9/32	76 3.071	M27 1	UK316;H2316 UK316;HA2316 UK316;HE2316	F316	12.9	
UKF317;H2317 UKF317;HA2317 UKF317;HS2317	75 2-15/16 3	260 10-1/4	204 8-1/32	44 1-47/64	27 1-1/16	74 2-29/32	31 3-5/8	92 3.228	82 1	M27 1	UK317;H2317 UK317;HA2317 UK317;HS2317	F317	15.2	
UKF318;H2318 UKF318;HA2318	80 3-3/16	280 11-1/32	216 8-1/2	44 1-47/64	30 1-3/16	76 3	35 1-3/8	93.5 3-11/16	86 3.386	M30 1-1/8	UK318;H2318 UK318;HA2318	F318	19.0	
UKF319;H2319 UKF319;HA2319	85 3-5/16	290 11-13/32	228 8-31/32	59 2-21/64	30 1-3/16	94 3-11/16	35 1-3/8	111 4-3/8	90 3.543	M30 1-1/8	UK319;H2319 UK319;HA2319	F319	21.9	
UKF320;H2320 UKF320;HA2320	90 3-7/16	310 12-7/32	242 9-17/32	59 2-21/64	32 1-1/4	94 3-11/16	38 1-1/2	115 4-17/32	97 3.814	M33 1-1/4	UK320;H2320 UK320;HA2320	F320	25.4	
UKF322;H2322 UKF322;HA2322	100 3-15/16	340 13-3/8	266 10-15/32	60 3-23/64	35 1-3/8	96 3-25/32	41 1-39/64	121 4-49/64	105 4.134	M36 1-3/8	UK322;H2322 UK322;HA2322	F322	35.2	
UKF324;H2324 UKF324;HA2324	110 4-3/16	370 16-5/32	290 12-19/32	65 2-9/16	40 1-9/16	110 4-11/32	41 1-39/64	130 5-1/8	112 4.410	M36 1-3/8	UK324;H2324 UK324;HA2324	F324	47.6	
UKF326;H2326 UKF326;HA2326	115 4-7/16	410 16-5/32	320 12-19/32	65 2-9/16	45 1-25/32	115 4-17/32	41 1-39/64	134 5-9/32	121 4.764	M36 1-3/8	UK326;H2326 UK326;HA2326	F326	65.3	
UKF328;H2328 UKF328;HA2328	125 4-15/16	450 17-23/32	350 13-25/32	75 2-61/64	55 2-5/32	125 4-29/32	41 1-39/64	148 5-53/64	131 5.158	M36 1-3/8	UK328;H2328 UK328;HA2328	F328	93.4	



Unit No.	Dimensions <sup>mm</sup> <sub>in.</sub>										Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	z	B	n				
UCSFU203	17	76	54	15	11	25.5	12	30.9	27.4	11.5	M10	UCS203	FU203	0.39
UCFU203	17	86	63.5	19	15	29.5	12	37.3	31	12.7	M10	UC203	FU204	0.65
UCFU203-11	11/16											UC203-11		
UCFU204	20	3-3/8	2-1/2	3/4	19/32	1-5/32	15/32	1-15/32	1.2205	0.500	3/8	UC204	FU204	0.63
UCFU204-12	3/4	UC204-11												
UCFU205	25	93	70	19	15	30	12	38.8	34.1	14.3	M10	UC205	FU205	0.75
UCFU205-13	13/16											UC205-13		
UCFU205-14	7/8											UC205-14		
UCFU205-15	15/16											UC205-15		
UCFU205-16	1	UC205-16												
UCFU206	30	106	82.5	20	16	32.5	12	42.2	38.1	15.9	M10	UC206	FU206	1.09
UCFU206-17	1-1/16											UC206-17		
UCFU206-18	1-1/8											UC206-18		
UCFU206-19	1-3/16											UC206-19		
UCFU206-20	1-1/4											UC206-20		
UCFU207	35	116	92	21	17	35	14	46.4	42.9	17.5	M12	UC207	FU207	1.36
UCFU207-20	1-1/4											UC207-20		
UCFU207-21	1-5/16											UC207-21		
UCFU207-22	1-3/8											UC207-22		
UCFU207-23	1-7/16											UC207-23		
UCFU208	40	129	101.5	24	17	39	14	54.2	49.2	19	M12	UC208	FU208	1.81
UCFU208-24	1-1/2											UC208-24		
UCFU208-25	1-9/16											UC208-25		
UCFU209	45	135	105	24	18	40	16	54.2	49.2	19	M14	UC209	FU209	2.15
UCFU209-26	1-5/8											UC209-26		
UCFU209-27	1-11/16											UC209-27		
UCFU209-28	1-3/4											UC209-28		
UCFU210	50	143	111	28	20	45	18	60.6	51.6	19	M16	UC210	FU210	2.51
UCFU210-29	1-13/16											UC210-29		
UCFU210-30	1-7/8											UC210-30		
UCFU210-31	1-15/16											UC210-31		
UCFU210-32	2											UC210-32		
UCFU211	55	162	130	31	21	49	18	64.4	55.6	22.2	M16	UC211	FU211	3.42
UCFU211-32	2											UC211-32		
UCFU211-33	2-1/16											UC211-33		
UCFU211-34	2-1/8											UC211-34		
UCFU211-35	2-3/16											UC211-35		
UCFU212	60	175	143	34	22	53.5	18	73.7	65.1	25.4	M16	UC212	FU212	4.26
UCFU212-36	2-1/4											UC212-36		
UCFU212-37	2-5/16											UC212-37		
UCFU212-38	2-3/8											UC212-38		
UCFU212-39	2-7/16											UC212-39		
UCFU213	65	184	149	38	22	58	18	77.7	65.1	25.4	M16	UC213	FU213	5.44
UCFU213-40	2-1/2											UC213-40		
UCFU213-41	2-9/12											UC213-41		
UCFU214	70	188	152	38	23	59	18	82.4	74.6	19	M16	UC214	FU214	6.00
UCFU214-42	1-5/8											UC214-42		
UCFU214-43	1-11/16											UC214-43		
UCFU214-44	1-3/4											UC214-44		
UCFU215	75	200	159	41	24	62	18	85.5	77.8	33.3	M16	UC215	FU215	6.83
UCFU215-45	2-13/16											UC215-45		
UCFU215-46	2-7/8											UC215-46		
UCFU215-47	2-15/16											UC215-47		
UCFU215-48	3											UC215-48		

Flange Units (square)

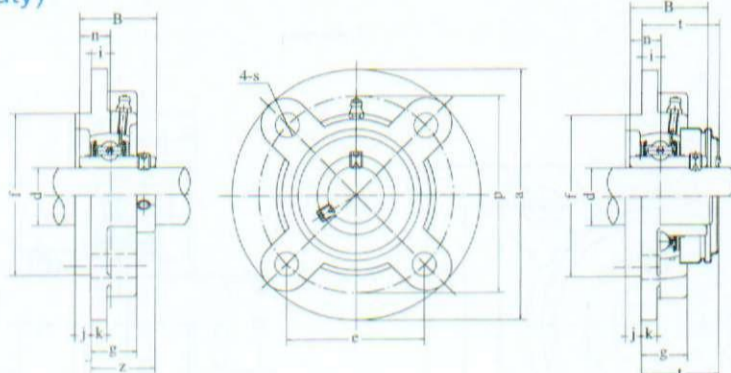
HCFU2 (Normal-duty)



Unit No.	Dimensions <sup>mm</sup> <sub>in.</sub>										Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)	
	d	a	e	i	g	l	s	z	B <sub>1</sub>	n					
HCFU203	17												HC203	FU204	0.70
HCFU203-11	11/16	86	63.5	19	15	29.5	12	45.6	43.7	17.1	M10		HC203-11	FU204	0.70
HCFU204	20												HC204	FU204	0.68
HCFU204-12	3/4	3-3/8	2-1/2	3/4	19/32	1-5/32	15/32	1-51/64	1.720	0.673	3/8		HC204-12	FU204	0.68
HCFU205	25												HC205	FU205	0.81
HCFU205-13	13/16	93	70	19	15	30	12	45.9	44.1	17.5	M10		HC205-13	FU205	0.81
HCFU205-14	7/8	3-21/32	2-3/4	3/4	19/32	1-3/16	15/32	1-13/16	1.748	0.689	3/8		HC205-14	FU205	0.81
HCFU205-15	15/16												HC205-15	FU205	0.81
HCFU205-16	1												HC205-16	FU205	0.81
HCFU206	30												HC206	FU206	1.16
HCFU206-17	1-1/16	106	82.5	20	16	32.5	12	50.1	48.4	18.3	M10		HC206-17	FU206	1.16
HCFU206-18	1-1/8	4-11/64	3-1/4	25/32	5/8	1-9/32	15/32	1-31/32	1.906	0.720	3/8		HC206-18	FU206	1.16
HCFU206-19	1-3/16												HC206-19	FU206	1.16
HCFU206-20	1-1/4												HC206-20	FU206	1.16
HCFU207	35												HC207	FU207	1.50
HCFU207-20	1-1/4	116	92	21	17	35	14	53.3	51.1	18.8	M12		HC207-20	FU207	1.50
HCFU207-21	1-5/16	4-9/16	3-5/8	53/64	43/64	1-3/8	35/64	2-3/32	2.012	0.740	7/16		HC207-21	FU207	1.50
HCFU207-22	1-3/8												HC207-22	FU207	1.50
HCFU207-23	1-7/16												HC207-23	FU207	1.50
HCFU208	40												HC208	FU208	1.95
HCFU208-24	1-1/2	129	101.5	24	17	39	14	58.9	56.3	21.4	M12		HC208-24	FU208	1.95
HCFU208-25	1-9/16	5-5/64	4	15/16	43/64	1-17/32	64/35	2-5/16	2.217	0.843	7/16		HC208-25	FU208	1.95
HCFU209	45												HC209	FU209	2.27
HCFU209-26	1-5/8	135	105	24	18	40	16	58.9	56.3	21.4	M14		HC209-26	FU209	2.27
HCFU209-27	1-11/16	5-5/16	4-9/64	15/16	23/32	1-37/64	5/8	2-5/16	2.217	0.843	1/2		HC209-27	FU209	2.27
HCFU209-28	1-3/4												HC209-28	FU209	2.27
HCFU210	50												HC210	FU210	2.71
HCFU210-29	1-13/16	143	111	28	20	45	18	66.1	62.7	24.6	M16		HC210-29	FU210	2.71
HCFU210-30	1-7/8	5-5/8	4-3/8	1-3/32	25/32	1-49/64	23/32	2-39/64	2.469	0.969	5/8		HC210-30	FU210	2.71
HCFU210-31	1-15/16												HC210-31	FU210	2.71
HCFU210-32	2												HC210-32	FU210	2.71
HCFU211	55												HC211	FU211	3.70
HCFU211-32	2	162	130	31	21	49	18	74.6	55.6	22.2	M16		HC211-32	FU211	3.70
HCFU211-33	2-1/16	6-3/8	5-1/8	1-7/32	53/64	1-59/64	23/32	2-17/32	2.1890	0.874	5/8		HC211-33	FU211	3.70
HCFU211-34	2-1/8												HC211-34	FU211	3.70
HCFU211-35	2-3/16												HC211-35	FU211	3.70
HCFU212	60												HC212	FU212	4.59
HCFU212-36	2-1/4	175	143	34	22	53.5	18	80.8	77.8	31	M16		HC212-36	FU212	4.59
HCFU212-37	2-5/16	6-37/64	5-5/8	1-11/32	55/64	1-7/64	23/32	3-3/16	3.063	1.220	5/8		HC212-37	FU212	4.59
HCFU212-38	2-3/8												HC212-38	FU212	4.59
HCFU212-39	2-7/16												HC212-39	FU212	4.59
HCFU213	65												HC213	FU213	5.99
HCFU213-40	2-1/2	184	149	38	22	58	18	89.6	85.7	34.1	M16		HC213-40	FU213	5.99
HCFU213-41	2-9/12	7-1/4	5-55/64	1-1/2	55/64	2-9/32	23/32	3-17/32	3.374	1.343	5/8		HC213-41	FU213	5.99
HCFU214	70												HC214	FU214	6.39
HCFU214-42	2-3/8	188	152	38	23	59	18	89.6	85.7	34.1	M16		HC214-42	FU214	6.39
HCFU214-43	2-11/16	7-13/32	5-63/64	1-1/2	29/32	2-21/64	23/32	3-17/32	3.374	1.343	5/8		HC214-43	FU214	6.39
HCFU214-44	2-3/4												HC214-44	FU214	6.39
HCFU215	75												HC215	FU215	7.32
HCFU215-45	2-13/16	200	159	41	24	62	18	95.8	92.1	37.3	M16		HC215-45	FU215	7.32
HCFU215-46	2-7/8	7-7/8	6-17/64	1-39/64	15/16	2-7/16	23/32	3-49/64	3.626	1.469	5/8		HC215-46	FU215	7.32
HCFU215-47	2-15/16												HC215-47	FU215	7.32
HCFU215-48	3												HC215-48	FU215	7.32



UCFC2 (Normal-duty)

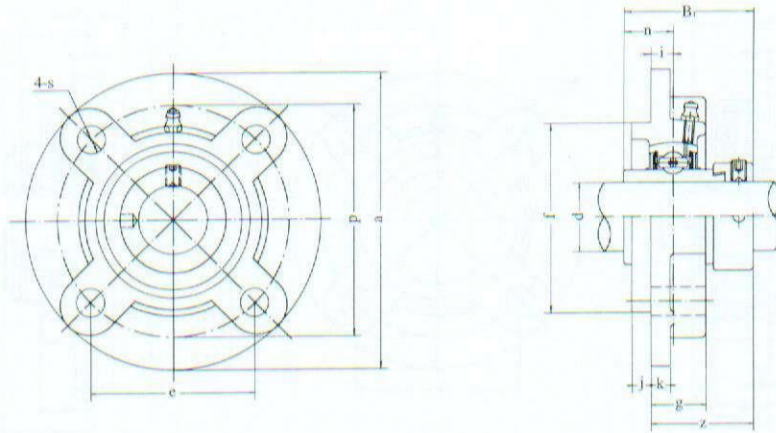


UCFC-C<sub>1</sub>(D<sub>1</sub>)

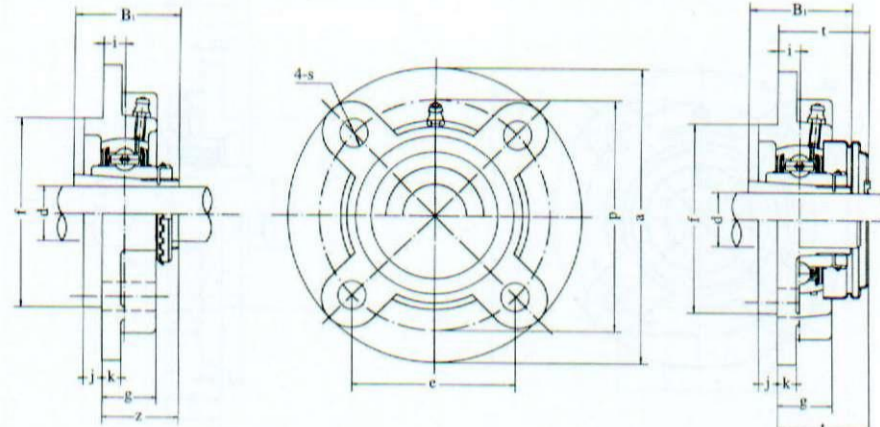
Flange Cartridge Units

Unit No.	Dimensions mm in.														Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	a	p	e	i	S	J	k	g	f	z	t	B	n				
UCFC201 UCFC201-8	12 1/2	100 3-15/16	78 3-5/64	55.1 2-11/64	10 25/64	12 15/32	5 13/64	7 9/32	20.5 13/16	62 2.4409	28.3 1-1/8	32.5 1-9/32	31 1.2205	12.7 0.500	M10 3/8	UC201 UC201-8	FC204	0.73 0.72
UCFC202 UCFC202-9 UCFC202-10	15 9/16 5/8	100 3-15/16	78 3-5/64	55.1 2-11/64	10 25/64	12 15/32	5 13/64	7 9/32	20.5 13/16	62 2.4409	28.3 1-1/8	32.5 1-9/32	31 1.2205	12.7 0.500	M10 3/8	UC202 UC202-9 UC202-10	FC204	0.72 0.72 0.72
UCFC203 UCFC203-11	17 11/16	100 3-15/16	78 3-5/64	55.1 2-11/64	10 25/64	12 15/32	5 13/64	7 9/32	20.5 13/16	62 2.4409	28.3 1-1/8	32.5 1-9/32	31 1.2205	12.7 0.500	M10 3/8	UC203 UC203-11	FC204	0.71 0.70
UCFC204 UCFC204-12	20 3/4	100 3-15/16	78 3-5/64	55.1 2-11/64	10 25/64	12 15/32	5 13/64	7 9/32	20.5 13/16	62 2.4409	28.3 1-1/8	32.5 1-9/32	31 1.2205	12.7 0.500	M10 3/8	UC204 UC204-12	FC204	0.69 0.69
UCFC205 UCFC205-13 UCFC205-14 UCFC205-15 UCFC205-16	25 13/16 7/8 15/16 1	115 4-17/32	90 3-35/64	63.6 2-1/2	10 25/64	12 15/32	6 15/64	7 9/32	21 53/64	70 2.7559	29.8 1-11/64	34 1-11/32	34.1 1.3425	14.3 0.563	M10 3/8	UC205 UC205-13 UC205-14 UC205-15 UC205-16	FC205	1.00 1.04 1.03 1.01 1.00
UCFC206 UCFC206-17 UCFC206-18 UCFC206-19 UCFC206-20	30 1-1/16 1-1/8 1-3/16 1-1/4	125 4-59/64	100 3-15/16	70.7 2-25/32	10 25/64	12 15/32	8 5/16	8 5/16	23 29/32	80 3.1496	32.2 1-17/64	36.5 1-7/16	38.1 1.5000	15.9 0.626	M10 3/8	UC206 UC206-17 UC206-18 UC206-19 UC206-20	FC206	1.30 1.31 1.32 1.30 1.29
UCFC207 UCFC207-20 UCFC207-21 UCFC207-22 UCFC207-23	35 1-1/4 1-5/16 1-3/8 1-7/16	135 5-5/16	110 4-21/64	77.8 3-1/16	11 7/16	14 35/64	8 5/16	9 23/64	26 1-1/32	90 3.5433	36.4 1-7/16	41 1-5/8	42.9 1.6890	17.5 0.689	M12 7/16	UC207 UC207-20 UC207-21 UC207-22 UC207-23	FC207	1.81 1.87 1.84 1.81 1.78
UCFC208 UCFC208-24 UCFC208-25	40 1-1/2 1-9/16	145 5-45/64	120 4-23/32	84.8 3-11/32	11 7/16	14 35/64	10 25/64	9 23/64	26 1-1/32	100 3.9370	41.2 1-5/8	45.5 1-51/64	49.2 1.9370	19 0.748	M12 7/16	UC208 UC208-24 UC208-25	FC208	2.14 2.18 2.15
UCFC209 UCFC209-26 UCFC209-27 UCFC209-28	45 1-5/8 1-11/16 1-3/4	160 6-19/64	132 5-13/64	93.3 3-43/64	10 25/64	16 5/8	12 15/32	14 35/64	26 1-1/32	105 4.1339	40.2 1-37/64	44.5 1-3/4	49.2 1.9370	19 0.748	M14 1/2	UC209 UC209-26 UC209-27 UC209-28	FC209	2.68 2.78 2.74 2.70
UCFC210 UCFC210-29 UCFC210-30 UCFC210-31 UCFC210-32	50 1-13/16 1-7/8 1-15/16 2	165 6-1/2	138 5-7/16	97.6 3-27/32	10 25/64	16 5/8	12 15/32	14 35/64	28 1-7/64	110 4.3307	42.6 1-11/16	47.5 1-7/8	51.6 2.0315	19 0.748	M14 1/2	UC210 UC210-29 UC210-30 UC210-31 UC210-32	FC210	2.90 3.02 2.97 2.92 2.88
UCFC211 UCFC211-32 UCFC211-33 UCFC211-34 UCFC211-35	55 2 2-1/16 2-1/8 2-3/16	185 7/8	150 5-29/32	106.1 4-3/16	13 33/64	19 3/4	12 15/32	15 19/32	31 1-7/32	125 4.9213	46.4 1-53/64	51 2-1/64	55.6 2.1890	22.2 0.874	M16 5/8	UC211 UC211-32 UC211-33 UC211-34 UC211-35	FC211	4.01 4.16 4.10 4.05 3.99
UCFC212 UCFC212-36 UCFC212-37 UCFC212-38 UCFC212-39	60 2-1/4 2-5/16 2-3/8 2-7/16	195 7-11/16	160 6-19/64	113.1 4-29/64	17 43/64	19 3/4	12 15/32	15 19/32	36 1-27/64	135 5.3150	56.7 2-15/64	61.5 2-27/64	65.1 2.5630	25.4 1.000	M16 5/8	UC212 UC212-36 UC212-37 UC212-38 UC212-39	FC212	4.94 5.07 4.99 4.92 4.85
UCFC213 UCFC213-40 UCFC213-41	65 2-1/2 2-9/16	205 8-5/64	170 6-11/16	120.2 4-47/64	16 5/8	19 3/4	14 35/64	15 19/32	36 1-27/64	145 5.5118	55.7 1-3/16	60.5 2-25/64	65.1 2.5630	25.4 1.000	M16 5/8	UC213 UC213-40 UC213-41	FC213	5.65 5.74 5.65
UCFC214 UCFC214-42 UCFC214-43 UCFC214-44	70 2-5/8 2-11/16 2-3/4	215 8-15/32	177 6-31/32	125.1 4-59/64	17 43/64	19 3/4	14 35/64	18 23/32	40 1-37/64	150 5.9055	61.4 1-13/32		74.6 2.9370	30.2 1.189	M16 5/8	UC214 UC214-42 UC214-43 UC214-44	FC214	6.95 7.16 7.06 6.96
UCFC215 UCFC215-45 UCFC215-46 UCFC215-47 UCFC215-48	75 2-13/16 2-7/8 2-15/16 3	220 8-21/32	184 7-1/4	130.1 5-1/8	18 23/32	19 3/4	16 5/8	18 23/32	40 1-37/64	160 6.2992	62.5 2-15/32		77.8 3.0630	33.3 1.311	M16 5/8	UC215 UC215-45 UC215-46 UC215-47 UC215-48	FC215	7.56 7.81 7.70 7.59 7.47
UCFC216 UCFC216-49 UCFC216-50 UCFC216-51	80 3-1/16 3-1/8 3-3/16	240 9-29/64	200 7-7/8	141.4 5-9/16	18 23/32	23 29/32	16 5/8	18 23/32	42 1-21/32	170 6.6929	67.3 2-21/32		82.6 3.2520	33.3 1.311	M20 3/4	UC216 UC216-49 UC216-50 UC216-51	FC216	9.15 9.28 9.20 9.07
UCFC217 UCFC217-52 UCFC217-53 UCFC217-55	85 3-1/4 3-5/16 3-7/16	250 9-27/32	208 8-3/16	147.1 5-51/64	18 23/32	23 29/32	18 23/32	20 25/32	45 1-25/32	180 7.0866	69.6 2-3/4		85.7 3.3740	34.1 1.343	M20 3/4	UC217 UC217-52 UC217-53 UC217-55	FC217	10.81 11.03 10.89 10.60
UCFC218 UCFC218-56	90 3-1/2	265 10-7/16	220 8-21/32	155.5 6-1/8	22 55/64	23 29/32	18 23/32	20 25/32	50 1-31/32	190 7.4803	78.3 3-3/32		96 3.7795	39.7 1.5630	M20 3/4	UC218 UC218-56	FC218	12.96 13.07

Flange Cartridge Units



Unit No.	Dimensions <sup>mm</sup> in.														Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	a	p	e	j	s	j	k	g	f	z	B	n					
HCFC204	20	100	78	55.1	10	12	5	7	20.5	62	36.6	43.7	17.1	M10	HC204	FC204	0.76	
HCFC204-12	3/4	3-15/16	3-5/64	2-11/64	25/64	15/32	13/64	9/32	13/16	2.4409	1-7/16	1.720	0.673	3/8	HC204-12		0.76	
HCFC205	25	115	90	63.6	10	12	6	7	21	70	36.9	44.4	17.5	M10	HC205	FC205	1.07	
HCFC205-13	13/16														HC205-13		1.12	
HCFC205-14	7/8	4-17/32	3-35/64	2-1/2	25/64	15/32	15/64	9/32	53/64	2.7559	1-29/64	1.748	0.689	3/8	HC205-14		1.11	
HCFC205-15	15/16														HC205-15		1.09	
HCFC205-16	1														HC205-16		1.07	
HCFC206	30	125	100	70.7	10	12	8	8	23	80	40.1	48.4	18.3	M10	HC206	FC206	1.43	
HCFC206-17	1-1/16														HC206-17		1.48	
HCFC206-18	1-3/8	4-59/64	3-15/16	2-25/32	25/64	15/32	5/16	5/16	29/32	3.1496	1-37/64	1.906	0.720	3/8	HC206-18		1.45	
HCFC206-19	1-3/16														HC206-19		1.43	
HCFC206-20	1-1/4														HC206-20		1.40	
HCFC207	35	135	110	77.8	11	14	8	9	26	90	43.3	51.1	18.8	M12	HC207	FC207	1.93	
HCFC207-20	1-1/4														HC207-20		2.00	
HCFC207-21	1-5/16	1-5/16	4-21/64	3-1/16	7/16	35/64	5/16	23/64	1-1/32	3.5433	1-45/64	2.012	0.740	7/16	HC207-21		1.96	
HCFC207-22	1-3/8														HC207-22		1.93	
HCFC207-23	1-7/16														HC207-23		1.87	
HCFC208	40	145	120	84.8	11	14	10	9	26	100	45.9	56.3	21.4	M12	HC208	FC208	2.29	
HCFC208-24	1-1/2	5-45/64	4-23/32	3-11/32	7/16	35/64	25/64	23/64	1-1/32	3.9370	1-13/16	2.217	0.843	7/16	HC208-24		2.34	
HCFC208-25	1-9/16														HC208-25		2.30	
HCFC209	45	160	132	93.3	10	16	12	14	26	105	44.9	56.3	21.4	M14	HC209	FC209	2.85	
HCFC209-26	1-5/8														HC209-26		2.96	
HCFC209-27	1-11/16	6-19/64	5-13/64	3-43/64	25/64	5/8	15/32	35/64	1-1/32	4.1339	1-49/64	2.217	0.843	1/2	HC209-27		2.91	
HCFC209-28	1-3/4														HC209-28		2.87	
HCFC210	50	165	138	97.6	10	16	12	14	28	110	48.1	62.7	24.6	M14	HC210	FC210	3.09	
HCFC210-29	1-13/16														HC210-29		3.24	
HCFC210-30	1-7/8	6-1/2	5-7/16	3-27/32	25/64	5/8	15/32	35/64	1-7/64	4.3307	1-57/64	2.469	0.969	1/2	HC210-30		3.18	
HCFC210-31	1-15/16														HC210-31		3.12	
HCFC210-32	2														HC210-32		3.06	
HCFC211	55	185	150	106.1	13	19	12	15	31	125	56.6	71.4	27.8	M16	HC211	FC211	4.22	
HCFC211-32	2														HC211-32		4.42	
HCFC211-33	2-1/16	7-9/32	5-29/32	4-3/16	33/64	3/4	15/32	19/32	1-7/32	4.9213	2-15/64	2.811	1.094	5/8	HC211-33		4.34	
HCFC211-34	2-1/8														HC211-34		4.27	
HCFC211-35	2-3/16														HC211-35		4.19	
HCFC212	60	195	160	113.1	17	19	12	15	36	135	63.8	77.8	31	M16	HC212	FC212	5.28	
HCFC212-36	2-1/4														HC212-36		5.44	
HCFC212-37	2-5/16	7-11/16	6-19/64	4-29/64	43/64	3/4	15/32	19/32	1-27/64	5.3150	2-33/64	3.063	1.220	5/8	HC212-37		5.35	
HCFC212-38	2-3/8														HC212-38		5.30	
HCFC212-39	2-7/16														HC212-39		5.17	
HCFC213	65	205	170	120.2	16	19	14	15	36	145	67.6	85.7	34.1	M16	HC213	FC213	6.21	
HCFC213-40	2-1/2	8-5/64	6-11/16	4-47/64	5/8	3/4	35/64	19/32	1-27/64	5.5118	2-21/32	3.374	1.343	5/8	HC213-40		6.31	
HCFC213-41	2-9/16														HC213-41		6.20	
HCFC214	70	215	177	125.1	17	19	14	18	40	150	68.6	85.7	34.1	M16	HC214	FC214	7.45	
HCFC214-42	2-3/8														HC214-42		7.69	
HCFC214-43	2-11/16	8-15/32	6-31/32	4-59/64	43/64	3/4	35/64	23/32	1-37/64	5.9055	2-45/64	3.374	1.343	5/8	HC214-43		7.58	
HCFC214-44	2-3/4														HC214-44		7.46	
HCFC215	75	220	184	130.1	18	19	16	18	40	160	72.8	92.1	37.3	M16	HC215	FC215	8.19	
HCFC215-45	2-13/16														HC215-45		8.49	
HCFC215-46	2-7/8	8-21/32	7-1/4	5-1/8	23/32	3/4	5/8	23/32	1-37/64	6.2992	2-7/8	3.626	1.469	5/8	HC215-46		8.36	
HCFC215-47	2-15/16														HC215-47		8.23	
HCFC215-48	3														HC215-48		8.09	

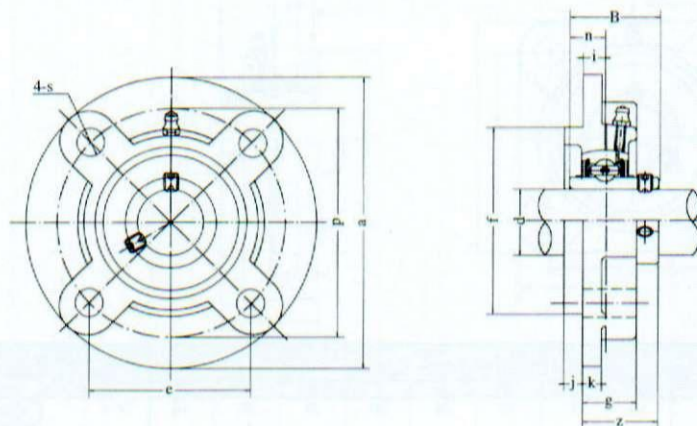


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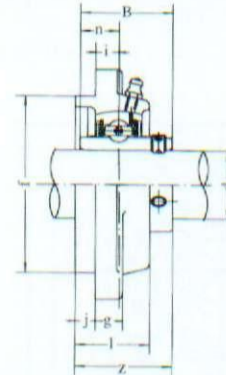
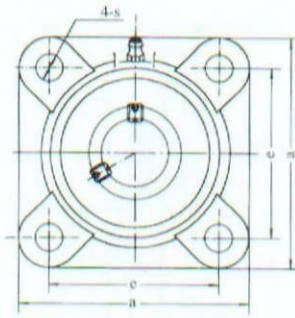
Unit No.	Dimensions													mm In.	Bearing Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	a	p	e	i	s	j	k	g	f	z	t	B					
UKFC205;H2305	20	115	90	63.6	10	12	6	7	21	70	29.5	34	35	M10	UK205;H2305	FC205	1.05	
UKFC205;HE2305	3/4	4-17/32	3-35/64	2-1/2	15/64	15/32	15/64	9/32	53/64	2.7559	1-5/32	1-11/32	1.378	3/8	UK205;HE2305			
UKFC206;H2306	25	125	100	70.7	10	12	8	8	23	80	31	36.5	38	M10	UK206;H2306	FC206	1.34	
UKFC206;HS2306	7/8	4-59/64	3-15/16	2-25/32	25/64	15/32	5/16	5/16	29/32	3.1496	1-7/32	1-7/16	1.496	3/8	UK206;HS2306			
UKFC206;HE2306	1														UK206;HE2306			
UKFC207;H2307	30	135	110	77.8	11	14	8	9	26	90	33.5	41	43	M12	UK207;H2307	FC207	1.90	
UKFC207;HS2307	1-1/8	5-5/16	4-21/64	3-1/16	7/16	35/64	5/16	23/64	1-1/32	3.5433	1-5/16	1-5/8	1.693	7/16	UK207;HS2307			
UKFC208;H2308	35	145	120	84.8	11	14	10	9	26	100	35.5	45.5	46	M12	UK208;H2308	FC208	2.24	
UKFC208;HE2308	1-1/4	5-45/64	4-23/32	3-11/32	7/16	35/64	25/64	23/64	1-1/32	3.9370	1-25/64	1-51/64	1.811	7/16	UK208;HE2308			
UKFC208;HS2308	1-3/8														UK208;HS2308			
UKFC209;H2309	40	160	132	93.3	10	16	12	14	26	105	36	44.5	50	M14	UK209;H2309	FC209	2.83	
UKFC209;HA2309	1-7/16														UK209;HA2309			
UKFC209;HE2309	1-1/2	6-19/64	5-13/64	3-43/64	25/64	5/8	15/32	35/64	1-1/32	4.1339	1-27/64	1-3/4	1.969	1-1/2	UK209;HE2309			
UKFC209;HS2309	1-5/8														UK209;HS2309			
UKFC210;H2310	45	165	138	97.6	10	16	12	14	28	110	37.5	47.5	55	M14	UK210;H2310	FC210	3.07	
UKFC210;HS2310	1-5/8														UK210;HS2310			
UKFC210;HA2310	1-11/16	6-1/2	5-7/16	3-27/32	25/64	5/8	15/32	35/64	1-7/64	4.3307	1-15/32	1-7/8	2.165	1/2	UK210;HA2310			
UKFC210;HE2310	1-3/4														UK210;HE2310			
UKFC211;H2311	50	185	150	106.1	13	19	12	15	31	125	41.5	51	59	M16	UK211;H2311	FC211	4.16	
UKFC211;HS2311	1-7/8														UK211;HS2311			
UKFC211;HA2311	1-15/16	7-9/32	5-29/32	4-3/16	33/64	3/4	15/32	19/32	1-7/32	4.9213	1-41/64	2-1/64	2.323	5/8	UK211;HA2311			
UKFC211;HE2311	2														UK211;HE2311			
UKFC212;H2312	55	195	160	113.1	17	19	12	15	36	135	48	61.5	62	M16	UK212;H2312	FC212	4.99	
UKFC212;HS2312	2-1/8	7-11/16	6-19/64	4-29/64	43/64	3/4	15/32	19/32	1-27/64	5.3150	1-57/64	2-27/64	2.441	5/8	UK212;HS2312			
UKFC213;H2313	60	205	170	120.2	16	19	14	15	36	145	49	60.5	65	M16	UK213;H2313	FC213	5.56	
UKFC213;HA2313	2-3/16														UK213;HA2313			
UKFC213;HE2313	2-1/4	8-5/64	6-11/16	4-47/64	5/8	3/4	36/64	19/32	1-27/64	5.5118	1-15/16	2-25/64	2.559	5/8	UK213;HE2313			
UKFC213;HS2313	2-3/8														UK213;HS2313			
UKFC215;H2315	65	220	184	130.1	18	19	16	18	40	160	53.5		73	M16	UK215;H2315	FC215	7.67	
UKFC215;HA2315	2-7/16	8-21/32	7-1/4	5-1/8	23/32	3/4	5/8	23/32	1-37/64	6.2992	2-7/64		2.874	5/8	UK215;HA2315			
UKFC215;HE2315	2-1/2														UK215;HE2315			
UKFC216;H2316	70	240	200	141.4	18	23	16	18	42	170	57		78	M20	UK216;H2316	FC216	9.41	
UKFC216;HA2316	2-11/16	9-29/64	7-7/8	5-9/16	23/32	29/32	5/8	23/32	1-21/32	6.6929	2-1/4		3.071	3/4	UK216;HA2316			
UKFC216;HE2316	2-3/4														UK216;HE2316			
UKFC217;H2317	75	250	208	147.1	18	23	18	20	45	180	59		82	M20	UK217;H2317	FC217	11.23	
UKFC217;HA2317	2-15/16	9-27/32	8-3/16	5-51/64	23/32	29/32	23/32	25/32	1-25/32	7.0866	2-21/64		3.228	3/4	UK217;HA2317			
UKFC217;HE2317	3														UK217;HE2317			
UKFC218;H2318	80	265	220	155.5	22	23	18	20	50	190	64.5		86	M20	UK218;H2318	FC218	13.34	
UKFC218;HA2318	3-3/16	10-7/16	8-21/32	6-1/8	55/64	29/32	23/32	25/32	1-31/32	7.4803	3-35/64		3.386	3/4	UK218;HA2318			

Flange Cartridge Units

UCFCX (medium-duty)

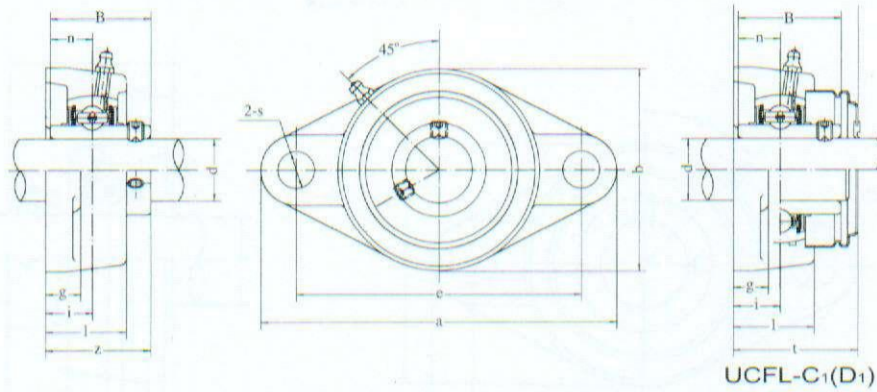


Unit No.	Dimensions <sup>mm</sup> <sub>in.</sub>														Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	a	p	e	i	s	j	k	g	f	z	B	n					
UCFCX05	25	111	92	65	10	9.5	6	9.5	24	76	32.2	38.1	15.9	M8	UCX05	FCX05	1.2	
UCFCX05-13	13/16														UCX05-13			
UCFCX05-14	7/8	4-3/8	3-5/8	2-9/16	25/64	3/8	15/64	3/8	15/16	2.9921	1-9/32	1.5000	0.626	5/16	UCX05-14			
UCFCX05-15	15/16														UCX05-15			
UCFCX05-16	1														UCX05-16			
UCFCX06	30	127	105	74.2	8	12	9.5	9.5	22.5	85	33.4	42.9	17.5	M10	UCX06	FCX06	1.5	
UCFCX06-17	1-1/16														UCX06-17			
UCFCX06-18	1-1/8	5	4-9/64	2-59/64	5/16	15/32	3/8	3/8	7/8	3.3465	1-5/16	1.6890	0.689	3/8	UCX06-18			
UCFCX06-19	1-3/16														UCX06-19			
UCFCX06-20	1-1/4														UCX06-20			
UCFCX07	35	133	111	78.5	9	12	11	11	26	92	39.2	49.2	19	M10	UCX07	FCX07	1.9	
UCFCX07-21	1-5/16														UCX07-21			
UCFCX07-22	1-3/8	5-1/4	4-3/8	3-3/32	23/64	15/32	7/16	7/16	1-1/32	3.6220	1-17/32	1.9370	0.748	3/8	UCX07-22			
UCFCX07-23	1-7/16														UCX07-23			
UCFCX08	40	133	111	78.5	9	12	11	11	26	92	39.2	49.2	19	M10	UCX08	FCX08	2.0	
UCFCX08-24	1-1/2														UCX08-24			
UCFCX08-25	1-9/16	5-1/4	4-3/8	3-3/32	23/64	15/32	7/16	7/16	1-1/32	3.6220	1-17/32	1.9370	0.748	3/8	UCX08-25			
UCFCX09	45	155	130	91.9	8	14	12	11	25	108	40.6	51.6	19	M12	UCX09	FCX09	2.6	
UCFCX09-26	1-5/8														UCX09-26			
UCFCX09-27	1-11/16	6-3/32	5-1/8	3-5/8	5/16	35/64	15/32	7/16	63/64	4.2520	1-19/32	2.0315	0.748	7/16	UCX09-27			
UCFCX09-28	1-3/4														UCX09-28			
UCFCX09-29	1-13/16														UCX09-29			
UCFCX10	50	162	136	96.2	7	14	16	11	25	118	40.4	55.6	22.2	M12	UCX10	FCX10	3.2	
UCFCX10-30	1-7/8														UCX10-30			
UCFCX10-31	1-15/16	6-3/8	5-23/64	3-25/32	9/32	35/64	5/8	7/16	83/64	4.6457	1-19/32	2.1890	0.874	7/16	UCX10-31			
UCFCX10-32	2														UCX10-32			
UCFCX11	55	180	152	107.5	4	16	22	13	26	127	43.7	65.1	25.4	M14	UCX11	FCX11	4.3	
UCFCX11-33	2-1/16														UCX11-33			
UCFCX11-34	2-1/8	7-3/32	5-63/64	4-15/64	5/32	5/8	55/64	1/2	1-1/32	5.0000	1-23/32	2.5630	1.000	1/2	UCX11-34			
UCFCX11-35	2-3/16														UCX11-35			
UCFCX11-36	2-1/4														UC211-36			
UCFCX11-37	2-5/16														UC211-37			
UCFCX12	60	194	165	116.7	11	16	20	14	33	140	50.7	65.1	25.4	M14	UCX12	FCX12	5.3	
UCFCX12-38	2-3/8	7-5/8	6-1/2	4-19/32	7/16	5/8	25/32	9/16	1-5/16	5.5118	2	2.5630	1.000	1/2	UCX12-38			
UCFCX12-39	2-7/16														UCX12-39			
UCFCX13	65	194	165	116.7	11	16	20	14	33	140	55.4	74.6	30.2	M14	UCX13	FCX13	5.7	
UCFCX13-40	2-1/2	7-5/8	6-1/2	4-19/32	7/16	5/8	25/32	9/16	1-5/16	5.5118	2-3/16	2.9370	1.189	1/2	UCX13-40			
UCFCX13-41	2-9/16														UCX13-41			
UCFCX14	70	222	190	134.3	14	19	20	14	36	164	58.5	77.8	33.3	M16	UCX14	FCX14	7.3	
UCFCX14-42	2-5/8														UCX14-42			
UCFCX14-43	2-1/16	8-3/4	7-31/64	5-9/32	35/64	3/4	25/32	9/16	1-13/32	6.4567	2-5/16	3.0630	1.311	5/8	UCX14-43			
UCFCX14-44	2-3/4														UCX14-44			
UCFCX15	75	222	190	134.3	12	19	22	16	35	184	61.3	82.6	33.3	M16	UCX15	FCX15	8	
UCFCX15-45	2-13/16														UCX15-45			
UCFCX15-46	2-7/8	8-3/4	7-31/64	5-9/32	15/32	3/4	55/64	5/8	1-3/8	6.4567	2-13/32	3.2520	1.311	5/8	UCX15-46			
UCFCX15-47	2-15/16														UCX15-47			
UCFCX15-48	3														UCX15-48			
UCFCX16	80	260	219	154.8	10	23	25	19	36	186	61.6	85.7	34.1	M20	UCX16	FCX16	11.3	
UCFCX16-49	3-1/16														UCX16-49			
UCFCX16-50	3-1/8	10-1/4	8-5/8	6-3/32	25/64	29/32	63/64	3/4	1-13/32	7.3228	2-7/16	3.3740	1.343	3/4	UCX16-50			
UCFCX16-51	3-3/16														UCX16-51			
UCFCX16-52	3-1/4														UCX16-52			
UCFCX17	85	260	219	154.8	10	23	25	19	36	186	66.3	96	39.7	M20	UCX17			FCX17
UCFCX17-53	3-5/16	10-1/4	8-5/8	6-3/32	25/64	29/32	63/64	3/4	1-13/32	7.3228	2-5/8	3.7795	1.5630	3/4	UCX17-53			
UCFCX17-55	3-7/16														UCX17-55			

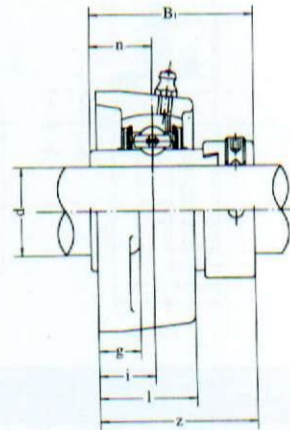
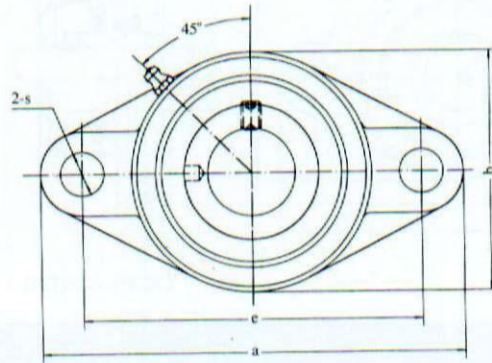


Unit No.	Dimensions											Bolt size mm inch	Bearing No.	Housing	Weight (kg)	
	d	a	e	l	s	j	g	i	f	z	b					n
UCFS305	25	110	80	9	16	7	13	29	80	39	38	15	M14	UC305	FS305	1.3
UCFS305-13	13/16													UC305-13		
UCFS305-14	7/8	4 11/32	3 5/32	23/64	5/8	9/32	1/2	1 9/64	3.1496	1 17/32	1.4961	0.591	1/2	UC305-14		
UCFS305-15	15/16													UC305-15		
UCFS305-16	1													UC305-16		
UCFS306	30	125	95	10	16	8	15	32	90	44	43	17	M14	UC306	FS306	1.9
UCFS306-17	1 1/16													UC306-17		
UCFS306-18	1 1/8	4 29/32	3 47/64	25/64	5/8	5/16	19/32	1 17/64	3.5433	4 47/64	1.6929	0.669	1/2	UC306-18		
UCFS306-19	1 3/16													UC306-19		
UCFS307	35	135	100	11	19	9	16	36	100	49	48	19	M16	UC307		
UCFS307-20	1 1/4													UC307-20		
UCFS307-21	1 5/16	5 5/16	3 15/16	7/16	3/4	23/64	5/8	1 13/32	3.9730	1 59/64	1.8898	0.748	5/8	UC307-21		
UCFS307-22	1 3/8													UC307-22		
UCFS307-23	1 7/16													UC307-23		
UCFS308	40	150	112	13	19	10	17	40	115	56	52	19	M16	UC308	FS308	3.3
UCFS308-24	1 1/2	5 29/32	4 13/32	33/64	3/4	25/64	21/32	1 9/16	4.5276	2 13/64	2.0472	0.748	5/8	UC308-24		
UCFS308-25	1 9/16													UC308-25		
UCFS309	45	160	125	14	19	11	18	44	125	60	57	22	M16	UC309		
UCFS309-26	1 5/8													UC309-26		
UCFS309-27	1 11/16	6 5/16	4 59/64	35/64	3/4	7/16	23/32	1 47/64	4.9213	2 23/64	2.2441	0.866	5/8	UC309-27	FS309	4.0
UCFS309-28	1 3/4													UC309-28		
UCFS310	50	175	132	16	23	12	19	48	140	67	61	22	M20	UC310		
UCFS310-29	1 13/16													UC310-29		
UCFS310-30	1 7/8	6 7/8	5 13/64	5/8	29/32	15/32	3/4	1 57/64	5.5118	2 41/64	2.4016	0.866	3/4	UC310-30		
UCFS310-31	1 15/16													UC310-31		
UCFS311	55	185	140	17	23	13	20	52	150	71	66	25	M20	UC311	FS311	6.2
UCFS311-32	2													UC311-32		
UCFS311-33	2 1/16	7 9/32	5 33/64	43/64	29/32	33/64	25/32	2 3/64	5.9055	2 51/64	2.5984	0.984	3/4	UC311-33		
UCFS311-34	2 1/8													UC311-34		
UCFS311-35	2 3/16													UC311-35		
UCFS312	60	195	150	19	23	14	22	56	160	78	71	26	M20	UC312	FS312	7.2
UCFS312-36	2 1/4													UC312-36		
UCFS312-37	2 5/16	7 11/16	5 29/32	3/4	29/32	35/64	7/8	2 7/32	6.2922	3 5/64	2.7953	1.024	3/4	UC312-37		
UCFS312-38	2 3/8													UC312-38		
UCFS312-39	2 7/16													UC312-39		
UCFS313	65	208	166	15	23	18	22	58	175	78	75	30	M20	UC313	FS313	8.9
UCFS313-40	2 1/2	8 3/16	6 17/32	19/32	29/32	45/64	55/64	2 9/32	6.8898	3 5/64	2.9528	1.181	3/4	UC313-40		
UCFS313-41	2 9/16													UC313-41		
UCFS314	70	226	178	18	25	18	25	61	185	81	78	33	M22	UC314		
UCFS314-42	2 5/8													UC314-42		
UCFS314-43	2 11/16	8 29/32	6 1/64	45/64	63/64	45/64	31/32	2 13/32	7.2835	3 3/16	3.0708	1.299	7/8	UC314-43	FS314	11
UCFS314-44	2 3/4													UC314-44		
UCFS315	75	236	184	21	25	18	25	66	200	89	82	32	M22	UC315		
UCFS315-45	2 13/16													UC315-45		
UCFS315-46	2 7/8	9 9/32	7 1/4	53/64	63/64	45/64	31/32	2 19/32	7.8740	3 1/2	3.2283	1.260	7/8	UC315-46		
UCFS315-47	2 15/16													UC315-47	FS315	13
UCFS315-48	3													UC315-48		
UCFS316	80	250	196	18	31	20	27	68	210	90	86	34	M27	UC316		
UCFS316-49	3 1/16													UC316-49		
UCFS316-50	3 1/8	9 27/32	7 23/32	45/64	1 7/32	25/32	1 1/16	2 63/64	8.2677	3 35/64	3.3858	1.339	1	UC316-50		
UCFS316-51	3 3/16													UC316-51		
UCFS317	85	260	204	24	31	20	27	74	220	100	96	40	M27	UC317	FS317	17
UCFS317-52	3 1/4													UC317-52		
UCFS317-53	3 5/16	10 1/4	8 1/32	15/16	1 7/32	25/32	1 1/16	2 29/32	8.6614	3 15/16	9.7795	1.575	1	UC317-53		
UCFS317-54	3 7/16													UC317-54		
UCFS317-55	3 7/16													UC317-55		
UCFS318	90	280	216	24	35	20	30	76	240	100	96	40	M30	UC318	FS318	21
UCFS318-55	3 7/16	11 1/32	8 1/2	15/16	1 3/8	25/32	1 3/16	3	9.4488	3 15/64	3.7795	1.575	1 1/8	UC318-55		
UCFS318-56	3 1/2													UC318-56		
UCFS319	95	290	228	39	35	20	30	94	250	121	103	41	M30	UC319		
UCFS319-58	3 5/8													UC319-58		
UCFS319-59	3 11/16	11 13/32	8 31/32	1 17/32	1 3/8	25/32	1 3/16	3 45/64	9.8425	4 49/64	4.0551	1.614	1 1/8	UC319-59	FS319	25
UCFS319-60	3 3/4													UC319-60		
UCFS320	100	310	242	39	38	20	32	94	260	125	108	42	M33	UC320		
UCFS320-61	3 13/16													UC320-61		
UCFS320-62	3 7/8	12 7/32	9 17/32	1 17/32	1 1/2	25/32	1 3/16	3 45/64	10.2362	4 59/64	4.2520	1.654	1 1/4	UC320-62		
UCFS320-63	3 15/16													UC320-63	FS320	30
UCFS320-64	4													UC320-64		

**Flange Unit (Oval)**

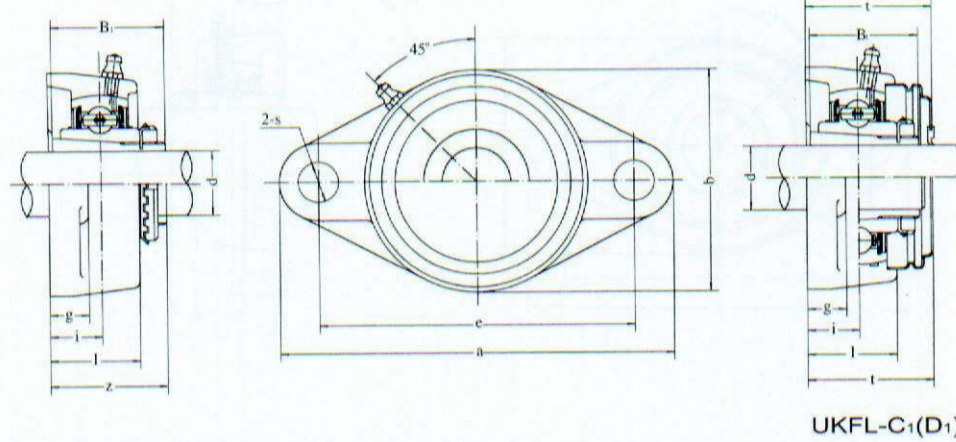


Unit No.	Dimensions mm in.													Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	S	b	z	t	B	n					
UCFL201 UCFL201-8	12 1/2	113 4-7/16	90 3-35/64	15 19/32	11 7/16	25.5 1	12 15/32	60 2-3/8	33.3 1-5/16	37.5 1-31/64	31 1.2205	12.7 0.500	M10 3/8	UC201 UC201-8	FL204	0.45 0.44	
UCFL202 UCFL202-9 UCFL202-10	15 9/16 5/8	113 4-7/16	90 3-35/64	15 19/32	11 7/16	25.5 1	12 15/32	60 2-3/8	33.3 1-5/16	37.5 1-31/64	31 1.2205	12.7 0.500	M10 3/8	UC202 UC202-9 UC202-10	FL204	0.44 0.44 0.44	
UCFL203 UCFL203-11	17 11/16	113 4-7/16	90 3-35/64	15 19/32	11 7/16	25.5 1	12 15/32	60 2-3/8	33.3 1-5/16	37.5 1-31/64	31 1.2205	12.7 0.500	M10 3/8	UC203 UC203-11	FL204	0.43 0.42	
UCFL204 UCFL204-12	20 3/4	113 4-7/16	90 3-35/64	15 19/32	11 7/16	25.5 1	12 15/32	60 2-3/8	33.3 1-5/16	37.5 1-31/64	31 1.2205	12.7 0.500	M10 3/8	UC204 UC204-12	FL204	0.41 0.41	
UCFL205 UCFL205-13 UCFL205-14 UCFL205-15 UCFL205-16	25 13/16 7/8 15/16 1	130 5-1/8	99 3-57/64	16 5/8	13 1/2	27 1-1/16	16 5/8	68 2-11/16	35.8 1-13/32	40 1-9/16	34.1 1.3425	14.3 0.563	M14 1/2	UC205 UC205-13 UC205-14 UC205-15 UC205-16	FL205	0.58 0.62 0.61 0.59 0.58	
UCFL206 UCFL206-17 UCFL206-18 UCFL206-19 UCFL206-20	30 1-1/16 1-1/8 1-3/16 1-1/4	148 5-13/16	117 4-39/64	18 45/64	13 1/2	31 1-7/32	16 5/8	80 3-5/32	40.2 1-19/32	44.5 1-3/4	38.1 1.5000	15.9 0.626	M14 1/2	UC206 UC206-17 UC206-18 UC206-19 UC206-20	FL206	0.86 0.89 0.88 0.86 0.85	
UCFL207 UCFL207-20 UCFL207-21 UCFL207-22 UCFL207-23	35 1-1/4 1-5/16 1-3/8 1-7/16	161 6-11/32	130 5-1/8	19 3/4	14 35/64	34 1-13/32	16 5/8	90 3-35/64	44.4 1-3/4	48.5 1-29/32	42.9 1.6890	17.5 0.689	M14 1/2	UC207 UC207-20 UC207-21 UC207-22 UC207-23	FL207	1.08 1.14 1.11 1.08 1.05	
UCFL208 UCFL208-24 UCFL208-25	40 1-1/2 1-9/16	175 6-7/8	144 5-43/64	21 53/64	14 35/64	36 1-13/32	16 5/8	100 3-15/16	51.2 2-1/64	55.5 2-3/16	49.2 1.9370	19 0.748	M14 1/2	UC208 UC208-24 UC208-25	FL208	1.44 1.48 1.45	
UCFL209 UCFL209-26 UCFL209-27 UCFL209-28	45 1-5/8 1-11/16 1-3/4	188 7-13/32	148 5-53/64	22 55/64	15 19/32	38 1-1/2	19 3/4	108 4-1/4	52.2 2-1/16	56.5 2-7/32	49.2 1.9370	19 0.748	M16 5/8	UC209 UC209-26 UC209-27 UC209-28	FL209	1.74 1.84 1.80 1.76	
UCFL210 UCFL210-29 UCFL210-30 UCFL210-31 UCFL210-32	50 1-13/16 1-7/8 1-15/16 2	197 7-3/4	157 6-3/16	22 55/64	15 19/32	40 1-37/64	19 3/4	115 4-17/32	54.6 2-5/32	59.5 2-11/32	51.6 2.0315	19 0.748	M16 5/8	UC210 UC210-29 UC210-30 UC210-31 UC210-32	FL210	2.10 2.22 2.17 2.12 2.08	
UCFL211 UCFL211-32 UCFL211-33 UCFL211-34 UCFL211-35	55 2 2-1/16 2-1/8 2-3/16	224 8-13/16	184 7-1/4	25 63/64	18 23/32	43 1-11/16	19 3/4	130 5-1/8	58.4 2-5/16	63 2-15/32	55.6 2.1890	22.2 0.874	M16 5/8	UC211 UC211-32 UC211-33 UC211-34 UC211-35	FL211	2.91 3.06 3.00 2.95 2.89	
UCFL212 UCFL212-36 UCFL212-37 UCFL212-38 UCFL212-39	60 2-1/4 2-5/16 2-3/8 2-7/16	250 9-27/32	202 7-61/64	29 1-9/64	18 23/32	48 1-7/8	23 29/32	140 5-1/2	68.7 2-23/32	73.5 2-57/64	65.1 2.5630	25.4 1.000	M20 3/4	UC212 UC212-36 UC212-37 UC212-38 UC212-39	FL212	3.74 3.87 3.79 3.72 3.65	
UCFL213 UCFL213-40 UCFL213-41	65 2-1/2 2-9/16	258 10-5/32	210 8-17/64	30 1-3/16	22 7/8	50 1-31/32	23 29/32	155 6-3/32	69.7 2-3/4	74.5 2-15/16	65.1 2.5630	25.4 1.000	M20 3/4	UC213 UC213-40 UC213-41	FL213	4.57 4.66 4.57	
UCFL214 UCFL214-42 UCFL214-43 UCFL214-44	70 2-5/8 2-11/16 2-3/4	265 10-7/16	216 8-1/2	31 1-7/32	22 7/8	54 2-1/8	23 29/32	160 6-5/16	75.4 2-31/32		74.6 2.9370	30.2 1.189	M20 3/4	UC214 UC214-42 UC214-43 UC214-44	FL214	5.11 5.32 5.22 5.12	
UCFL215 UCFL215-45 UCFL215-46 UCFL215-47 UCFL215-48	75 2-13/16 2-7/8 2-15/16 3	275 10-13/16	225 8-55/64	34 1-11/32	22 7/8	56 2-7/32	23 29/32	165 6-1/2	78.5 3-3/32		77.8 3.0630	33.3 1.311	M20 3/4	UC215 UC215-45 UC215-46 UC215-47 UC215-48	FL215	5.37 5.62 5.51 5.40 5.28	
UCFL216 UCFL216-49 UCFL216-50 UCFL216-51	80 3-1/16 3-1/8 3-1/16	290 11-13/32	233 9-11/64	34 1-11/32	22 7/8	58 2-9/32	25 63/64	180 7-3/32	83.3 3-9/32		82.6 3.2520	33.3 1.311	M22 7/8	UC216 UC216-49 UC216-50 UC216-51	FL216	7.20 7.38 7.25 7.12	
UCFL217 UCFL217-52 UCFL217-53 UCFL217-55	85 3-1/4 3-5/16 3-7/16	305 12	248 9-49/64	36 1-27/64	24 15/16	63 2-15/32	25 63/64	190 7-15/32	87.6 3-7/16		85.7 3.3740	34.1 1.343	M22 7/8	UC217 UC217-52 UC217-53 UC217-55	FL217	8.61 8.83 8.69 8.40	
UCFL218 UCFL218-56	90 3-1/2	320 12-19/32	265 10-7/16	40 1-37/64	24 15/16	68 2-11/16	25 63/64	205 8-1/16	96.3 3-25/32		96 3.7795	39.7 1.5630	M22 7/8	UC218 UC218-56	FL218	10.51 10.62	



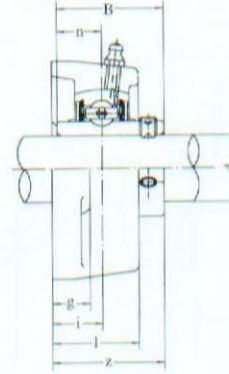
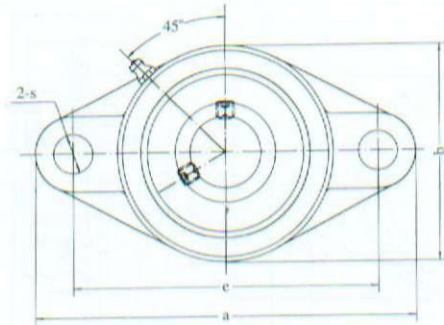
Unit No.	Dimensions mm in.											Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	b	z	B	n				
HCFL204	20	113	90	15	11	25.5	12	60	41.6	43.7	17.1	M10	HC204	FL204	0.48
HCFL204-12	3/4	4-7/16	3-35/64	19/32	7/16	1	15/32	2-3/8	1-41/64	1.720	0.673	3/8	HC204-12		0.48
HCFL205	25	130	99	16	13	27	16	68	42.9	44.4	17.5	M14	HC205	FL205	0.65
HCFL205-13	13/16												HC205-13		0.70
HCFL205-14	7/8	5-1/8	3-57/64	5/8	1/2	1-1/16	5/8	2-11/16	1-11/16	1.748	0.689	1/2	HC205-14		0.69
HCFL205-15	15/16												HC205-15		0.67
HCFL205-16	1												HC205-16		0.65
HCFL206	30	148	117	18	13	31	16	80	48.1	48.4	18.3	M14	HC206	FL206	0.99
HCFL206-17	1-1/16												HC206-17		1.04
HCFL206-18	1-3/8	5-13/16	4-39/64	45/64	1/2	1-7/32	5/8	3-5/32	1-57/64	1.906	0.720	1/2	HC206-18		1.01
HCFL206-19	1-3/16												HC206-19		0.99
HCFL206-20	1-1/4												HC206-20		0.96
HCFL207	35	161	130	19	14	34	16	90	51.3	51.1	18.8	M14	HC207	FL207	1.20
HCFL207-20	1-1/4												HC207-20		1.27
HCFL207-21	1-5/16	6-11/32	5-1/8	3/4	35/64	1-11/32	5/8	3-35/64	2-1/64	2.012	0.740	1/2	HC207-21		1.23
HCFL207-22	1-3/8												HC207-22		1.20
HCFL207-23	1-7/16												HC208-23		1.17
HCFL208	40	175	144	21	14	36	16	100	55.9	56.3	21.4	M14	HC208	FL208	1.59
HCFL208-24	1-1/2	6-7/8	5-43/64	53/64	35/64	1-13/32	5/8	3-15/16	2-13/64	2.217	0.843	1/2	HC208-24		1.64
HCFL208-25	1-9/16												HC208-25		1.60
HCFL209	45	188	148	22	15	38	19	108	56.9	56.3	21.4	M16	HC209	FL209	1.91
HCFL209-26	1-5/8												HC209-26		2.02
HCFL209-27	1-11/16	7-13/32	5-53/64	55/64	19/32	1-1/2	3/4	4-1/4	2-15/64	2.217	0.843	5/8	HC209-27		1.97
HCFL209-28	1-3/4												HC209-28		1.93
HCFL210	50	197	157	22	15	40	19	115	60.1	62.7	24.6	M16	HC210	FL210	2.29
HCFL210-29	1-13/16												HC210-29		2.44
HCFL210-30	1-7/8	7-3/4	6-3/16	55/64	19/32	1-37/64	3/4	4-17/32	2-23/64	2.469	0.969	5/8	HC210-30		2.38
HCFL210-31	1-15/16												HC210-31		2.32
HCFL210-32	2												HC210-32		2.26
HCFL211	55	224	184	25	18	43	19	130	68.6	71.4	27.8	M16	HC211	FL211	3.12
HCFL211-32	2												HC211-32		3.32
HCFL211-33	2-1/16	8-13/16	7-1/4	63/64	23/32	1-11/16	3/4	5-1/8	2-45/64	2.811	1.094	5/8	HC211-33		3.24
HCFL211-34	2-1/8												HC211-34		3.17
HCFL211-35	2-3/16												HC211-35		3.09
HCFL212	60	250	202	29	18	48	23	140	75.8	77.8	31	M20	HC212	FL212	4.08
HCFL212-36	2-4/1												HC212-36		4.24
HCFL212-37	2-5/16	9-27/32	7-61/64	1-9/64	23/32	1-7/8	29/32	5-1/2	2-63/64	3.063	1.220	3/4	HC212-37		4.15
HCFL212-38	2-3/8												HC212-38		4.10
HCFL212-39	2-7/16												HC212-39		3.97
HCFL213	65	258	210	30	22	50	23	155	81.6	85.7	34.1	M20	HC213	FL213	5.13
HCFL213-40	2-1/2	10-5/32	8-17/64	1-3/16	7/8	1-31/32	29/32	6-3/32	3-7/32	3.374	1.343	3/4	HC213-40		5.23
HCFL213-41	2-9/16												HC213-41		5.12
HCFL214	70	265	216	31	22	54	23	160	82.6	85.7	34.1	M20	HC214	FL214	5.61
HCFL214-42	2-3/8												HC214-42		5.85
HCFL214-43	2-11/16	10-7/16	8-1/2	1-7/32	7/8	2-1/8	29/32	6-5/16	3-1/4	3.374	1.343	3/4	HC214-43		5.74
HCFL214-44	2-3/4												HC214-44		5.62
HCFL215	75	275	225	34	22	56	23	165	88.8	92.1	37.3	M20	HC215	FL215	6.00
HCFL215-45	2-13/16												HC215-45		6.30
HCFL215-46	2-7/8	10-13/16	8-55/64	1-11/32	7/8	2-7/32	29/32	6-1/2	3-1/2	3.626	1.426	3/4	HC215-46		6.17
HCFL215-47	2-15/16												HC215-47		6.04
HCFL215-48	3												HC215-48		5.90

**Flange Units** (Oval)  
 (with adapter mounted)



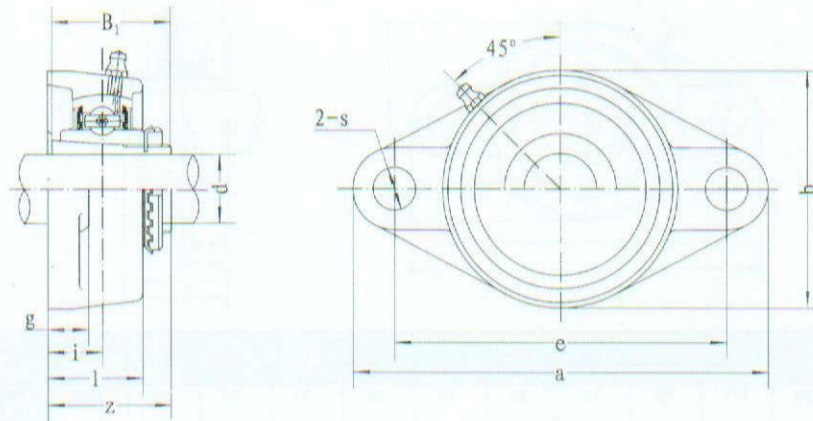
UKFL-C<sub>1</sub>(D<sub>1</sub>)

Unit No.	Dimensions												Bearing Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	b	z	t	B <sub>1</sub>					
UKFL205;H2305	20	130	99	16	13	27	16	68	35.5	40	35	M14	UK205;H2305	FL205	0.63	
UKFL205;HE2305	3/4	5-1/8	3-57/64	5/8	1/2	1-1/16	5/8	2-11/16	1-25/64	1-9/16	1.378	1/2	UK205;HE2305			
UKFL206;H2306	25	148	117	18	13	31	16	80	39	44.5	38	M14	UK206;H2306	FL206	0.90	
UKFL206;HS2306	7/8	5-13/16	4-39/64	45/64	1/2	1-7/32	5/8	3-5/32	1-17/32	1-3/4	1.496	1/2	UK206;HS2306			
UKFL206;HE2306	1												UK206;HE2306			
UKFL207;H2307	30	161	130	19	14	34	16	90	42.5	48.5	43	M14	UK207;H2307	FL207	1.17	
UKFL207;HS2307	1-1/8	6-11/32	5-1/8	3/4	35/64	1-11/32	5/8	3-35/64	1-43/64	1-29/32	1.693	1/2	UK207;HS2307			
UKFL208;H2308	35	175	144	21	14	36	16	100	46.5	55.5	46	M14	UK208;H2308	FL208	1.54	
UKFL208;HE2308	1-1/4	6-7/8	5-43/64	53/64	35/64	1-13/32	5/8	3-15/16	1-53/64	2-3/16	1.811	1/2	UK208;HE2308			
UKFL208;HS2308	1-3/8												UK209;H2309			
UKFL209;H2309	40	188	148	22	15	38	19	108	48.5	56.5	50	M16	UK209;HA2309	FL209	1.89	
UKFL209;HA2309	1-7/16												UK209;HE2309			
UKFL209;HE2309	1-1/2	7-13/32	5-53/64	55/64	19/32	1-1/2	3/4	4-1/4	1-29/32	2-7/32	1.969	5/8	UK209;HS2309			
UKFL209;HS2309	1-5/8												UK210;H2310			
UKFL210;H2310	45	197	157	22	15	40	19	115	50	59.5	55	M16	UK210;H2310	FL210	2.27	
UKFL210;HS2310	1-5/8												UK210;HA2310			
UKFL210;HA2310	1-11/16	7-3/4	6-3/16	55/64	19/32	1-37/64	3/4	4-17/32	1-31/32	2-11/32	2.165	5/8	UK210;HE2310			
UKFL210;HE2310	1-3/4															
UKFL211;H2311	50	224	184	25	18	43	19	130	54.5	63	59	M16	UK211;H2311	FL211	3.06	
UKFL211;HS2311	1-7/8												UK211;HS2311			
UKFL211;HA2311	1-15/16	8-13/16	7-1/4	63/64	23/32	1-11/16	3/4	5-1/8	2-9/64	2-15/32	2.323	5/8	UK211;HA2311			
UKFL211;HE2311	2												UK211;HE2311			
UKFL212;H2312	55	250	202	29	18	48	23	140	61	73.5	62	M20	UK212;H2312	FL212	3.79	
UKFL212;HS2312	2-1/8	9-27/32	7-61/64	1-9/64	23/32	1-7/8	29/32	5-1/2	2-13/32	2-57/64	2.441	3/4	UK212;HS2312			
UKFL213;H2313	60	258	210	30	22	50	23	155	64	74.5	65	M20	UK213;H2313	FL213	4.48	
UKFL213;HA2313	2-3/16												UK213;HA2313			
UKFL213;HE2313	2-1/4	10-5/32	8-17/64	1-3/16	7/8	1-31/32	29/32	6-3/32	2-33/64	2-15/16	2.559	3/4	UK213;HE2313			
UKFL213;HS2313	2-3/8												UK213;HS2313			
UKFL215;H2315	65	275	225	34	22	56	23	165	71		73	M20	UK215;H2315	FL215	5.48	
UKFL215;HA2315	2-7/16	10-13/16	8-55/64	1-11/32	7/8	2-7/32	29/32	6-1/2	2-51/64		2.874	3/4	UK215;HA2315			
UKFL215;HE2315	2-1/2												UK215;HE2315			
UKFL216;H2316	70	290	233	34	22	58	25	180	73.5		78	M22	UK216;H2316	FL216	7.46	
UKFL216;HA2316	2-11/16	11-13/32	9-11/64	1-11/32	7/8	2-9/32	63/64	7-3/32	2-57/64		3.071	7/8	UK216;HA2316			
UKFL216;HE2316	2-3/4												UK216;HE2316			
UKFL217;H2317	75	305	248	36	24	63	25	190	77		82	M22	UK217;H2317	FL217	9.03	
UKFL217;HA2317	2-15/16	12	9-49/64	1-27/64	15/16	2-15/32	63/64	7-15/32	3-1/32		3.228	7/8	UK217;HA2317			
UKFL217;HE2317	3												UK217;HE2317			
UKFL218;H2318	80	320	265	40	24	68	25	205	81.5		86	M22	UK218;H2318	FL218	10.89	
UKFL218;HA2318	3-3/16	12-19/32	10-7/16	1-37/64	15/16	2-11/16	63/64	8-1/16	3-13/64		3.386	7/8	UK218;HA2318			



Unit No.	Dimensions <sup>mm</sup> in.											Bolt Size mm Inch	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	b	z	B	n				
UCFLX05	25	141	117	18	13	30	12	83	40.2	38.1	15.9	M10	UCX05	FLX05	1.0
UCFLX05-13	13/16												UCX05-13		
UCFLX05-14	7/8	5-9/16	4-39/64	45/64	1/2	1-3/16	15/32	3-9/32	1-37/64	1.5000	0.626	3/8	UCX05-14		
UCFLX05-15	15/16												UCX05-15		
UCFLX05-16	1												UCX05-16		
UCFLX06	30	156	130	19	15	34	16	95	44.4	42.9	17.5	M14	UCX06	FLX06	1.5
UCFLX06-17	1-1/16												UCX06-17		
UCFLX06-18	1-1/8	6-5/32	5-1/8	3/4	19/32	1-11/32	5/8	3-3/4	1-3/4	1.6890	0.689	1/2	UCX06-18		
UCFLX06-19	1-3/16												UCX06-19		
UCFLX06-20	1-1/4												UCX06-20		
UCFLX07	35	171	144	21	16	38	16	105	51.2	49.2	19	M14	UCX07	FLX07	2.0
UCFLX07-21	1-5/16												UCX07-21		
UCFLX07-22	1-3/8	6-23/32	5-43/64	53/64	5/8	1-1/2	5/8	4-1/8	2-1/64	1.9370	0.748	1/2	UCX07-22		
UCFLX07-23	1-7/16												UCX07-23		
UCFLX08	40	179	148	22	16	40	16	111	52.2	49.2	19	M14	UCX08	FLX08	2.2
UCFLX08-24	1-1/2	7-1/16	5-53/64	55/64	5/8	1-9/16	5/8	4-3/8	2-1/16	1.9370	0.748	1/2	UCX08-24		
UCFLX08-25	1-9/16												UCX08-25		
UCFLX09	45	189	157	23	16	40	16	116	55.6	51.6	19	M14	UCX09	FLX09	2.4
UCFLX09-26	1-5/8												UCX09-26		
UCFLX09-27	1-11/16	7-7/16	6-3/16	29/32	5/8	1-37/64	5/8	4-9/16	2-3/16	2.0315	0.748	1/2	UCX09-27		
UCFLX09-28	1-3/4												UCX09-28		
UCFLX09-29	1-13/16												UCX09-29		
UCFLX10	50	216	184	26	18	44	19	133	59.4	55.6	22.2	M16	UCX10	FLX10	3.4
UCFLX10-30	1-7/8												UCX10-30		
UCFLX10-31	1-15/16	8-1/2	7-1/4	1-1/32	23/32	1-23/32	3/4	5-1/4	2-11/32	2.1890	0.874	5/8	UCX10-31		
UCFLX10-32	2												UCX11-32		

**Flange Units (Oval)**  
 (with adapter mounted)



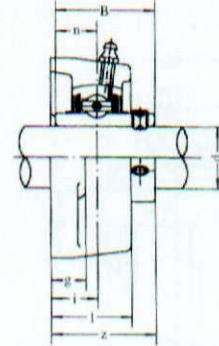
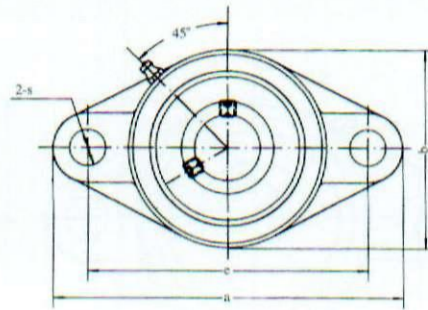
Unit No.	Dimensions <sup>mm</sup> in.										Bolt Used mm	Bearing NO.	Housing NO.	Weight (kg)
	d	a	e	l	g	l	s	b	z	B <sub>1</sub>				
UKFLX05;H2305	20	141	117	18	13	30	12	83	39	35	M10	UKX05;H2305	FLX05	1.0
UKFLX05;HE2305	3/4	5-9/16	4-39/64	45/64	1/2	1-3/16	15/32	3-9/32	1-17/32	1.378	3/8	UKX05;HE2305		
UKFLX06;H2306	25	156	130	19	15	34	16	95	41.5	38	M14	UKX06;H2306	FLX06	1.5
UKFLX06;HS2306	7/8	6-5/32	5-1/8	3/4	19/32	1-11/32	5/8	3-3/4	1-41/64	1.496	1/2	UKX06;HS2306	FLX07	1.8
UKFLX06;HE2306	1											UKX06;HE2306		
UKFLX07;H2307	30	171	144	21	16	38	16	105	45.5	43	M14	UKX07;H2307	FLX08	2.1
UKFLX07;HS2307	1-1/8	6-23/32	5-43/64	53/64	5/8	1-1/2	5/8	4-1/8	1-51/64	1.693	1/2	UKX07;HS2307		
UKFLX08;H2308	35	179	148	22	16	40	16	111	47.5	46	M14	UKX08;H2308	FLX09	2.5
UKFLX08;HE2308	1-1/4	7-1/16	5-53/64	55/64	5/8	1-9/16	5/8	4-3/8	1-7/8	1.811	1/2	UKX08;HE2308		
UKFLX08;HS2308	1-3/8											UKX08;HS2308		
UKFLX09;H2309	40	189	157	23	16	40	16	116	50	50	M14	UKX09;H2309	FLX10	3.7
UKFLX09;HA2309	1-7/16											UKX09;HA2309		
UKFLX09;HE2309	1-1/2	7-7/16	6-3/16	29/32	5/8	1-37/64	5/8	4-9/16	1-31/32	1.969	1/2	UKX09;HE2309		
UKFLX09;HS2309	1-5/8											UKX09;HS2309		
UKFLX10;H2310	45	216	184	26	18	44	19	133	55.5	55	M16	UKX10;H2310		
UKFLX10;HS2310	1-5/8											UKX10;HS2310		
UKFLX10;HA2310	1-11/16	8-1/2	7-1/4	1-1/32	23/32	1-23/32	3/4	5-1/4	2-3/16	2.165	5/8	UKX10;HA2310		
UKFLX10;HE2310	1-3/4											UKX10;HE2310		



**FK BALL BEARING UNITS**

**UCFL3 (Heavy-duty)**

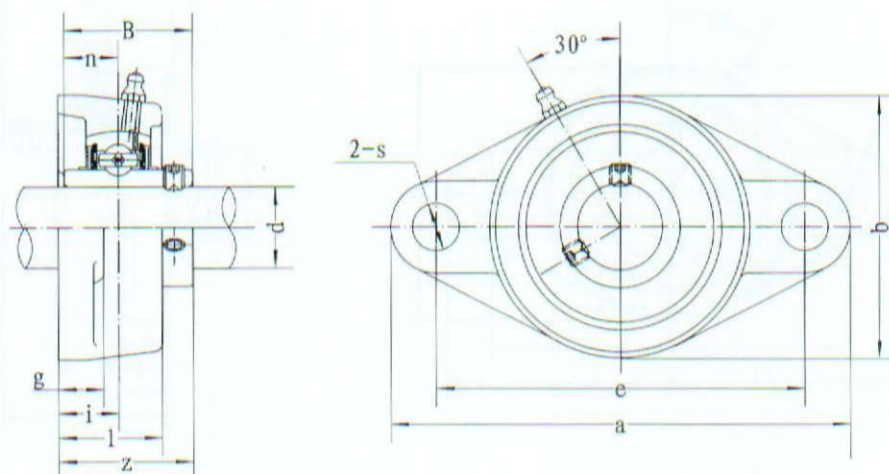
**Flange Units (Oval)**



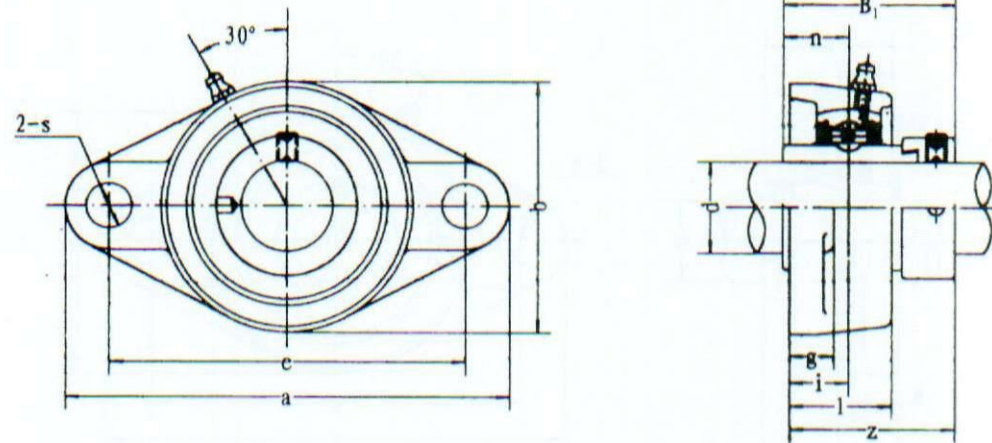
Unit No.	Dimensions mm inch											Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	a	e	l	g	l	s	b	z	B	n				
UCFL305 UCFL305-13 UCFL305-14 UCFL305-15 UCFL305-16	25 13/16 7/8 15/16 1	150	113	16	13	29	19	80	39	38	15	M16	UCFL305 UCFL305-13 UCFL305-14 UCFL305-15 UCFL305-16	FL305	1.1
UCFL306 UCFL306-17 UCFL306-18 UCFL306-19	30 1-1/8 1-1/8 1-3/16	180	134	18	15	32	23	90	44	43	17	M20	UCFL306 UCFL306-17 UCFL306-18 UCFL306-19	FL306	1.5
UCFL307 UCFL307-20 UCFL307-21 UCFL307-22 UCFL307-23	35 1-1/4 1-5/16 1-3/8 1-7/16	185	141	20	16	36	23	100	49	48	19	M20	UCFL307 UCFL307-20 UCFL307-21 UCFL307-22 UCFL307-23	FL307	1.9
UCFL308 UCFL308-24 UCFL308-25	40 1-1/2 1-9/16	200	158	23	17	40	23	112	56	52	19	M20	UCFL308 UCFL308-24 UCFL308-25	FL308	2.5
UCFL309 UCFL309-26 UCFL309-27 UCFL309-28	45 1-5/8 1-11/16 1-3/4	230	177	25	18	44	25	125	60	57	22	M22	UCFL309 UCFL309-26 UCFL309-27 UCFL309-28	FL309	3.4
UCFL310 UCFL310-29 UCFL310-30 UCFL310-31	50 1-13/16 1-7/8 1-15/16	240	187	28	19	48	25	140	67	61	22	M22	UCFL310 UCFL310-29 UCFL310-30 UCFL310-31	FL310	4.4
UCFL311 UCFL311-32 UCFL311-33 UCFL311-34 UCFL311-35	55 2 2-1/16 2-1/8 2-3/16	250	198	30	20	52	25	150	71	66	25	M22	UCFL311 UCFL311-32 UCFL311-33 UCFL311-34 UCFL311-35	FL311	5.1
UCFL312 UCFL312-36 UCFL312-37 UCFL312-38 UCFL312-39	60 2-1/4 2-5/16 2-3/8 2-7/16	270	212	33	22	56	31	160	78	71	26	M27	UCFL312 UCFL312-36 UCFL312-37 UCFL312-38 UCFL312-39	FL312	6.1
UCFL313 UCFL313-40 UCFL313-41	65 2-1/2 2-9/16	295	240	33	25	58	31	175	78	75	30	M27	UCFL313 UCFL313-40 UCFL313-41	FL313	7.8
UCFL314 UCFL314-42 UCFL314-43 UCFL314-44	70 2-5/8 2-11/16 2-3/4	315	250	36	28	61	35	185	81	78	33	M20	UCFL314 UCFL314-42 UCFL314-43 UCFL314-44	FL314	9.0
UCFL315 UCFL315-45 UCFL315-46 UCFL315-47 UCFL315-48	75 2-13/16 2-7/8 2-15/16 3	320	260	39	30	66	35	195	89	82	32	M30	UCFL315 UCFL315-45 UCFL315-46 UCFL315-47 UCFL315-48	FL315	10
UCFL316 UCFL316-49 UCFL316-50 UCFL316-51	80 3-1/16 3-1/8 3-3/16	355	285	38	32	68	38	210	90	86	34	M33	UCFL316 UCFL316-49 UCFL316-50 UCFL316-51	FL316	13
UCFL317 UCFL317-52 UCFL317-53 UCFL317-55	85 3-1/4 3-5/16 3-7/16	370	300	44	32	74	38	220	100	96	40	M33	UCFL317 UCFL317-52 UCFL317-53 UCFL317-55	FL317	16
UCFL318 UCFL318-55 UCFL318-56	90 3-7/16 3-1/2	385	315	44	36	76	38	235	100	96	40	M33	UCFL318 UCFL318-55 UCFL318-56	FL318	18
UCFL319 UCFL319-58 UCFL319-59 UCFL319-60	95 3-5/8 3-11/16 3-3/4	405	330	59	40	94	41	250	121	103	41	M36	UCFL319 UCFL319-58 UCFL319-59 UCFL319-60	FL319	22
UCFL320 UCFL320-64	100 4	440	360	59	40	94	44	270	125	108	42	M39	UC320 UC320-64	FL320	27
UCFL322	110	470	390	60	42	96	44	300	131	117	46	M39	UC322	FL322	33
UCFL324	120	520	430	65	48	110	47	330	140	126	51	M42	UC324	FL324	48
UCFL326	130	550	460	65	50	115	47	360	146	135	54	M42	UC326	FL326	58
UCFL328	140	600	500	75	60	125	51	400	161	145	59	M45	UC328	FL328	81

Flange Units(Oval)

UCFT2 (Normal-duty)

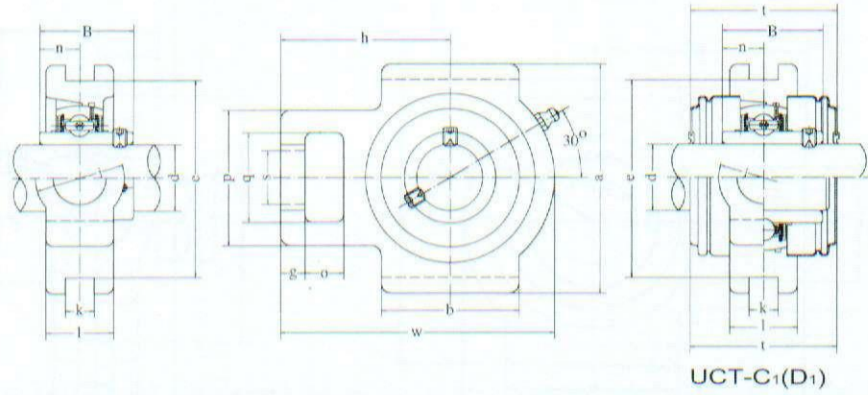


Unit No.	Dimensions <small>mm in.</small>											Bolt Size <small>mm inch</small>	Bearing No.	Housing No.	Weight (kg)
	d	a	e	l	g	l	s	b	z	B	n				
UCFT204	20	112	89.5	19	11	29	10.5	60	33.3	31	12.7	M8	UC204	FT204	0.45
UCFT204-12	3/4	4-13/32	3-33/64	3/4	7/16	1-9/64	27/64	2-3/8	1-5/16	1.2205	0.500	5/16	UC204-12		
UCFT205	25	124	99	20	13	31	13	70	35.8	34.1	14.6	M10	UC205	FT205	0.64
UCFT205-13	13/16												UC205-13		
UCFT205-14	7/8	4-7/8	3-57/64	25/32	1/2	1-7/32	33-64	2-3/4	1-13/32	1.3425	0.563	3/8	UC205-14		
UCFT205-15	15/16												UC205-15		
UCFT205-16	1												UC205-16		
UCFT206	30	141	116.5	21	13	34	13	82	40.2	38.1	15.9	M10	UC206	FT206	0.91
UCFT206-17	1-1/16												UC206-17		
UCFT206-18	1-1/8	5-35/64	4-37/64	53/64	1/2	1-11/32	33/64	3-15/64	1-19/32	1.5000	0.626	3/8	UC206-18		
UCFT206-19	1-3/16												UC206-19		
UCFT206-20	1-1/4												UC206-20		
UCFT207	35	165	130	21.5	14	36.5	14	95	44.4	42.9	17.5	M12	UC207	FT207	1.28
UCFT207-20	1-1/4												UC207-20		
UCFT207-21	1-5/16	6-9/64	5-1/8	27/32	35/64	1-7/16	35/64	3-47/64	1-3/4	1.6890	0.689	7/16	UC207-21		
UCFT207-22	1-3/8												UC207-22		
UCFT207-23	1-7/16												UC207-23		
UCFT208	40	171	143.5	24	14	39	14	105	51.2	49.2	19	M12	UC208	FT208	1.64
UCFT208-24	1-1/2												UC208-24		
UCFT208-25	1-9/16	6-47/64	5-21/32	61/64	35/64	1-17/32	35/64	4-9/64	2-1/64	1.9370	0.748	7/16	UC208-25		
UCFT209	45	179	148.5	24	14	40	16	111	52.2	49.2	19	M14	UC209	FT209	1.88
UCFT209-26	1-5/8												UC209-26		
UCFT209-27	1-11/16	7-3/64	5-55/64	61/64	35/64	1-37/64	5/8	4-3/8	2-1/16	1.9370	0.748	1/2	UC209-27		
UCFT209-28	1-3/4												UC209-28		
UCFT210	50	189	157	28.5	14	47	16	116	54.6	51.6	19	M14	UC210	FT210	2.18
UCFT210-29	1-13/16												UC210-29		
UCFT210-30	1-7/8	7-7/16	6-3/16	1-1/8	35/64	1-27/32	5/8	4-9/16	2-5/32	2.0315	0.748	1/2	UC210-30		
UCFT210-31	1-15/16												UC210-31		
UCFT210-32	2												UC210-32		
UCFT211	55	216	184	32	20	50	18	133	58.4	55.6	22.2	M16	UC211	FT211	3.25
UCFT211-32	2												UC211-32		
UCFT211-33	2-1/16	8-1/2	7-1/4	1-17/64	25/32	1-31/32	45/64	5-15/64	2-5/16	2.1890	0.874	5/8	UC211-33		
UCFT211-34	2-1/8												UC211-34		
UCFT211-35	2-3/16												UC211-35		

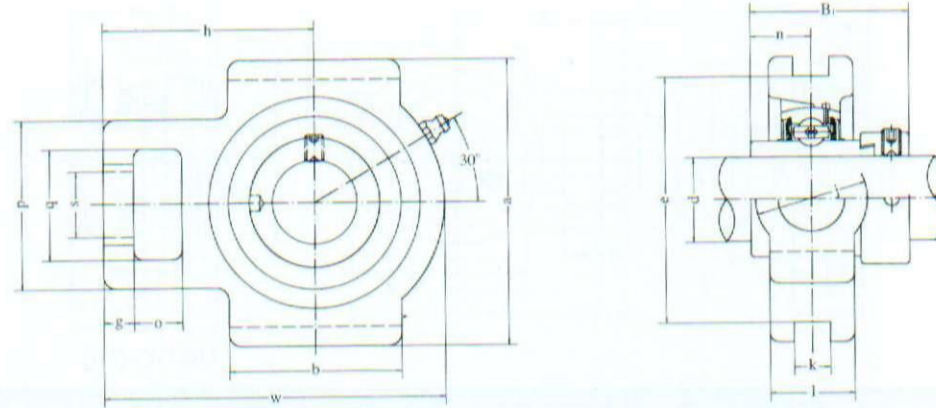


Unit No.	Dimensions mm in.											Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	b	z	B <sub>1</sub>	n				
HCFT204 HCFT204-12	20 3/4	112 4-13/32	89.5 3-33/64	19 3/4	11 7/16	29 1-9/64	10.5 27/64	60 2-3/8	41.6 1-41/64	43.7 1.720	17.1 0.673	M8 5/16	HC204 HC204-12	FT204	0.50
HCFT205 HCFT205-13 HCFT205-14 HCFT205-15 HCFT205-16	25 13/16 7/8 15/16 1	124 4-7/8	99 3-57/64	20 25/32	13 1/2	31 1-7/32	13 33-64	70 2-3/4	42.9 1-11/16	44.4 1.748	17.5 0.689	M10 3/8	HC205 HC205-13 HC205-14 HC205-15 HC205-16	FT205	0.69
HCFT206 HCFT206-17 HCFT206-18 HCFT206-19 HCFT206-20	30 1-1/16 1-1/8 1-3/16 1-1/4	141 5-35/64	116.5 4-37/64	21 53/64	13 1/2	34 1-11/32	13 33/64	82 3-15/64	48.1 1-57/64	48.4 1.906	18.3 0.720	M10 3/8	HC206 HC206-17 HC206-18 HC206-19 HC206-20	FT206	0.98
HCFT207 HCFT207-20 HCFT207-21 HCFT207-22 HCFT207-23	35 1-1/4 1-5/16 1-3/8 1-7/16	165 6-9/64	130 5-1/8	21.5 27/32	14 35/64	36.5 1-7/16	14 35/64	95 3-47/64	51.3 12-1/64	51.1 2.012	18.8 0.740	M12 7/16	HC207 HC207-20 HC207-21 HC207-22 HC207-23	FT207	1.41
HCFT208 HCFT208-24 HCFT208-25	40 1-1/2 1-9/16	171 6-47/64	143.5 5-21/32	24 61/64	14 35/64	39 1-17/32	14 35/64	105 4-9/64	55.9 2-13/64	56.3 2.217	21.4 0.843	M12 7/16	HC208 HC208-24 HC208-25	FT208	1.77
HCFT209 HCFT209-26 HCFT209-27 HCFT209-28	45 1-5/8 1-11/16 1-3/4	179 7-3/64	148.5 5-55/64	24 61/64	14 35/64	40 1-37/64	16 5/8	111 4-3/8	56.9 2-15/64	56.3 2.217	21.4 0.843	M14 1/2	HC209 HC209-26 HC209-27 HC209-28	FT209	2.00
HCFT210 HCFT210-29 HCFT210-30 HCFT210-31 HCFT210-32	50 1-13/16 1-7/8 1-15/16 2	189 7-7/16	157 6-3/16	28.5 1-1/8	14 35/64	47 1-27/32	16 5/8	116 4-9/16	60.1 2-23/64	62.7 2.469	24.6 0.969	M14 1/2	HC210 HC210-29 HC210-30 HC210-31 HC210-32	FT210	2.38
HCFT211 HCFT211-32 HCFT211-33 HCFT211-34 HCFT211-35	55 2 2-1/16 2-1/8 2-3/16	216 8-1/2	184 7-1/4	32 1-17/64	20 25/32	50 1-31/32	18 45/64	133 5-15/64	68.6 2-45/64	71.4 2.811	27.8 1.094	M16 5/8	HC211 HC211-32 HC211-33 HC211-34 HC211-35	FT211	3.52

**Take-up Units**



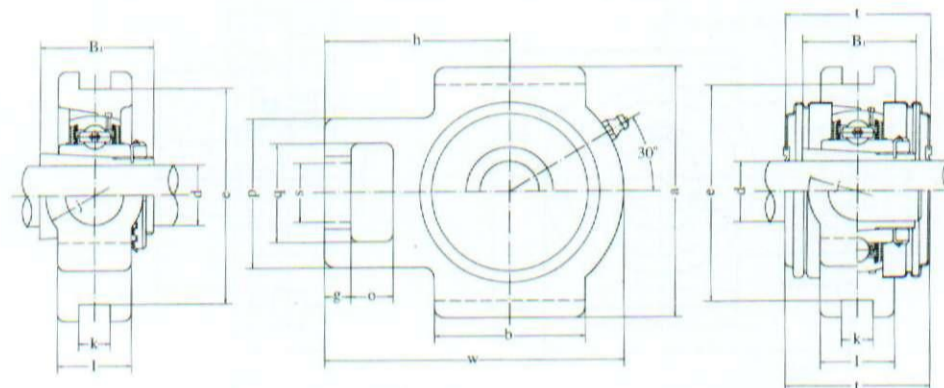
Unit No.	Dimensions <sup>mm</sup> <sub>in.</sub>																		Bearing No.	Housing No.	Weight (kg)
	d	O	q	p	q	S	b	k	e	a	w	j	l	h	t	B	n				
UCT201 UCT201-8	12 1/2	16 5/8	10 25/64	51 1-1/64	32 1-1/4	19 3/4	51 2-1/64	12 15/32	76 2-63/64	89 3-1/2	94 3-11/16	32 1-1/4	21 13/16	61 2-13/32	44.5 1-3/4	31 1.2205	12.7 0.500	UC201 UC201-8	T204	0.80 0.79	
UCT202 UCT202-9 UCT202-10	15 9/16 5/8	16 5/8	10 25/64	51 1-1/64	32 1-1/4	19 3/4	51 2-1/64	12 15/32	76 2-63/64	89 3-1/2	94 3-11/16	32 1-1/4	21 13/16	61 2-13/32	44.5 1-3/4	31 1.2205	12.7 0.500	UC202 UC202-9 UC202-10	T204	0.79 0.79 0.79	
UCT203 UCT203-11	17 11/16	16 5/8	10 25/64	51 1-1/64	32 1-1/4	19 3/4	51 2-1/64	12 15/32	76 2-63/64	89 3-1/2	94 3-11/16	32 1-1/4	21 13/16	61 2-13/32	44.5 1-3/4	31 1.2205	12.7 0.500	UC203 UC203-11	T204	0.78 0.77	
UCT204 UCT204-12	20 3/4	16 5/8	10 25/64	51 1-1/64	32 1-1/4	19 3/4	51 2-1/64	12 15/32	76 2-63/64	89 3-1/2	94 3-11/16	32 1-1/4	21 13/16	61 2-13/32	44.5 1-3/4	31 1.2205	12.7 0.500	UC204 UC204-12	T204	0.76 0.76	
UCT205 UCT205-13 UCT205-14 UCT205-15 UCT205-16	25 13/16 7/8 15/16 1	16 5/8	10 25/64	51 1-1/64	32 1-1/4	19 3/4	51 2-1/64	12 15/32	76 2-63/64	89 3-1/2	97 3-13/16	32 1-1/4	24 15/16	62 2-7/16	48 1-7/8	34.1 1.3425	14.3 0.563	UC205 UC205-13 UC205-14 UC205-15 UC205-16	T205	0.81 0.85 0.84 0.82 0.81	
UCT206 UCT206-17 UCT206-18 UCT206-19 UCT206-20	30 1-1/16 1-1/8 1-3/16 1-1/4	16 5/8	10 25/64	56 2-7/32	37 1-29/64	22 55/64	57 2-1/4	12 15/32	89 3-1/2	102 4-1/64	113 4-29/64	37 1-29/64	28 1-3/32	70 2-3/4	53 2-3/32	38.1 1.5000	15.9 0.626	UC206 UC206-17 UC206-18 UC206-19 UC206-20	T206	1.22 1.23 1.24 1.22 1.21	
UCT207 UCT207-20 UCT207-21 UCT207-22 UCT207-23	35 1-1/4 1-5/16 1-3/8 1-7/16	16 5/8	13 33/64	64 2-33/64	37 1-29/64	22 55/64	64 2-33/64	12 15/32	89 3-1/2	102 4-1/64	129 5-5/64	37 1-29/64	30 1-3/16	78 3-5/64	59.5 2-11/32	42.9 1.6890	17.5 0.689	UC207 UC207-20 UC207-21 UC207-22 UC207-23	T207	1.44 1.50 1.46 1.44 1.41	
UCT208 UCT208-24 UCT208-25	40 1-1/2 1-9/16	19 3/4	16 5/8	83 3-17/64	49 1-15/16	29 1-9/64	83 3-17/64	16 5/8	102 4-1/64	114 4-31/64	144 5-43/64	49 1-15/16	33 1-5/16	89 3-1/2	69 2-23/32	49.2 1.9370	19 0.748	UC208 UC208-24 UC208-25	T208	2.40 2.44 2.41	
UCT209 UCT209-26 UCT209-27 UCT209-28	45 1-5/8 1-11/16 1-3/4	19 3/4	16 5/8	83 3-17/64	49 1-15/16	29 1-9/64	83 3-17/64	16 5/8	102 4-1/64	117 4-39/64	144 5-43/64	49 1-15/16	35 1-3/8	87 3-27/64	69 2-23/32	49.2 1.9370	19 0.748	UC209 UC209-26 UC209-27 UC209-28	T209	2.36 2.46 2.42 2.38	
UCT210 UCT210-29 UCT210-30 UCT210-31 UCT210-32	50 1-13/16 1-7/8 1-15/16 2	19 3/4	16 5/8	83 3-17/64	49 1-15/16	29 1-9/64	86 3-17/64	16 5/8	102 4-1/64	117 4-39/64	149 5-55/64	49 1-15/16	37 1-15/32	90 3-35/64	74.5 2-15/16	51.6 2.0315	19 0.748	UC210 UC210-29 UC210-30 UC210-31 UC210-32	T210	2.43 2.55 2.50 2.45 2.41	
UCT211 UCT211-32 UCT211-33 UCT211-34 UCT211-35	55 2 2-1/16 2-1/8 2-3/16	25 63/64	19 3/4	102 4-1/64	64 2-1/32	35 1-3/8	95 3-3/4	22 55/64	130 5-1/8	146 5-3/4	171 6-47/64	64 2-33/64	38 1-1/2	106 4-11/64	76 3	55.6 2.1890	22.2 0.874	UC211 UC211-32 UC211-33 UC211-34 UC211-35	T211	4.11 4.26 4.20 4.15 4.09	
UCT212 UCT212-36 UCT212-37 UCT212-38 UCT212-39	60 2-1/4 2-5/16 2-3/8 2-7/16	32 1-17/64	19 3/4	102 4-1/64	64 2-1/32	35 1-3/8	102 4-1/64	22 55/64	130 5-1/8	146 5-3/4	194 7-41/64	64 2-33/64	42 1-21/32	119 4-11/16	89 3-1/2	65.1 2.5630	25.4 1.000	UC212 UC212-36 UC212-37 UC212-38 UC212-39	T212	4.97 5.10 5.02 4.95 4.88	
UCT213 UCT213-40 UCT213-41	65 2-1/2 2-9/16	32 1-17/64	21 53/64	111 4-3/8	70 2-3/4	41 1-39/64	121 4-49/64	26 1-1/32	151 5-15/16	167 6-37/64	224 8-13/16	70 2-3/4	44 1-23/32	137 5-25/64	89 3-1/2	65.1 2.5630	25.4 1.000	UC213 UC213-40 UC213-41	T213	6.65 6.74 6.65	
UCT214 UCT214-42 UCT214-43 UCT214-44	70 2-5/8 2-11/16 2-3/4	32 1-17/64	21 53/64	111 4-3/8	70 2-3/4	41 1-39/64	121 4-49/64	26 1-1/32	151 5-15/16	167 6-37/64	224 8-13/16	70 2-3/4	46 1-13/16	137 5-25/64		74.6 2.9370	30.2 1.189	UC214 UC214-42 UC214-43 UC214-44	T214	7.05 7.26 7.16 7.06	
UCT215 UCT215-45 UCT215-46 UCT215-47 UCT215-48	75 2-13/16 2-7/8 2-15/16 3	32 1-17/64	21 53/64	111 4-3/8	70 2-3/4	41 1-39/64	121 4-49/64	26 1-1/32	151 5-15/16	167 6-37/64	232 9-9/64	70 2-3/4	48 1-57/64	140 5-33/64		77.8 3.0630	33.3 1.311	UC215 UC215-45 UC215-46 UC215-47 UC215-48	T215	7.41 7.66 7.55 7.44 7.32	
UCT216 UCT216-49 UCT216-50 UCT216-51	80 3-1/16 3-1/8 3-3/16	32 1-17/64	21 53/64	111 4-3/8	70 2-3/4	41 1-39/64	121 4-49/64	26 1-1/32	165 6-1/2	184 7-1/4	235 9-1/4	70 2-3/4	51 2	140 5-33/64		82.6 3.2520	33.3 1.311	UC216 UC216-49 UC216-50 UC216-51	T216	8.30 8.48 8.35 8.22	
UCT217 UCT217-52 UCT217-53 UCT217-55	85 3-1/4 3-5/16 3-7/16	38 1-1/2	29 1-9/64	124 4-7/8	73 2-7/8	48 1-57/64	157 6-3/16	30 1-3/16	173 6-13/16	198 7-51/64	260 10-15/64	73 2-7/8	54 2-1/8	162 6-3/8		85.7 3.3740	34.1 1.343	UC217 UC217-52 UC217-53 UC217-55	T217	11.00 11.22 11.09 10.80	



Unit No.	Dimensions <small>mm</small> <small>in.</small>																Bearing No.	Housing No.	Weight (kg)
	d	Ø	g	p	q	s	b	k	e	a	w	j	l	h	B <sub>1</sub>	n			
HCT204	20	16	10	51	32	19	51	12	76	89	94	32	21	61	43.7	17.1	HC204	T204	0.83
HCT204-12	3/4	5/8	25/64	1-1/16	1-1/4	3/4	2-1/64	15/32	2-63/64	3-1/2	3-11/16	1-1/4	13/16	2-13/32	1.720	0.673	HC204-12		0.83
HCT205	25	16	10	51	32	19	51	12	76	89	97	32	24	62	44.4	17.5	HC205	T205	0.88
HCT205-13	13/16																HC205-13		0.93
HCT205-14	7/8	5/8	25/64	1-1/16	1-1/4	3/4	2-1/64	15/32	2-63/64	3-1/2	3-13/16	1-1/4	15/16	2-7/16	1.748	0.689	HC205-14		0.92
HCT205-15	15/16																HC205-15		0.90
HCT205-16	1																HC205-16		0.88
HCT206	30	16	10	56	37	22	57	12	89	102	113	37	28	70	48.4	18.3	HC206	T206	1.35
HCT206-17	1-1/16																HC206-17		1.40
HCT206-18	1-1/8	5/8	25/64	2-7/32	1-29/64	55/64	2-1/4	15/32	3-1/2	4-1/64	4-29/64	1-3/32	2-3/4	1.906	0.720	HC206-18	1.37		
HCT206-19	1-3/16																HC206-19		1.35
HCT206-20	1-1/4																HC206-20		1.32
HCT207	35	16	13	64	37	22	64	12	89	102	129	37	30	78	51.1	18.8	HC207	T207	1.56
HCT207-20	1-1/4																HC207-20		1.63
HCT207-21	1-5/16	5/8	33/64	2-33/64	1-29/64	55/64	2-33/64	15/32	3-1/2	4-1/64	5-5/64	1-29/64	1-3/16	3-5/64	2.012	0.740	HC207-21		1.59
HCT207-22	1-3/8																HC207-22		1.56
HCT207-23	1-7/16																HC208-23		1.53
HCT208	40	19	16	83	49	29	83	16	102	114	144	49	33	89	56.3	21.4	HC208	T208	2.55
HCT208-24	1-1/2	3/4	5/8	3-17/64	1-15/16	1-9/64	3-17/64	5/8	4-1/64	4-31/64	4-43/64	1-15/16	1-5/16	3-1/2	2.217	0.843	HC208-24		2.60
HCT208-25	1-9/16																HC208-25		2.56
HCT209	45	19	16	83	49	29	83	16	102	117	144	49	35	87	56.3	21.4	HC209	T209	2.53
HCT209-26	1-5/8																HC209-26		2.64
HCT209-27	1-11/16	3/4	5/8	3-17/64	1-15/16	1-9/64	3-17/64	5/8	4-1/64	4-39/64	5-43/64	1-15/16	1-3/8	3-27/64	2.217	0.843	HC209-27		2.59
HCT209-28	1-3/4																HC209-28		2.55
HCT210	50	19	16	83	49	29	86	16	102	117	149	49	37	90	62.7	24.6	HC210	T210	2.62
HCT210-29	1-13/16																HC210-29		2.77
HCT210-30	1-7/8	3/4	5/8	3-17/64	1-15/16	1-9/64	3-25/64	5/8	4-1/64	4-39/64	5-55/64	1-15/16	1-15/32	3-35/64	2.469	0.969	HC210-30		2.71
HCT210-31	1-15/16																HC210-31		2.65
HCT210-32	2																HC210-32		2.59
HCT211	55	25	19	102	64	35	95	22	130	146	171	64	38	106	71.4	27.8	HC211	T211	4.32
HCT211-32	2																HC211-32		4.52
HCT211-33	2-1/16	63/64	3/4	4-1/64	2-1/32	1-3/8	3-3/4	55/64	5-1/8	5-3/4	6-47/64	2-33/64	1-1/2	4-11/64	2.811	1.094	HC211-33		4.44
HCT211-34	2-1/8																HC211-34		4.37
HCT211-35	2-3/16																HC211-35		4.29
HCT212	60	32	19	102	64	35	102	22	130	146	194	64	42	119	77.8	31	HC212	T212	5.31
HCT212-36	2-1/4																HC212-36		5.47
HCT212-37	2-5/16	1-17/64	3/4	4-1/64	2-1/32	1-3/8	4-1/64	55/64	5-1/8	5-3/4	7-41/64	2-33/64	1-21/32	4-11/16	3.063	1.220	HC212-37		5.38
HCT212-38	2-3/8																HC212-38		5.33
HCT212-39	2-7/16																HC212-39		5.20
HCT213	65	32	21	111	70	41	121	26	151	167	224	70	44	137	85.7	34.1	HC213	T213	7.21
HCT213-40	2-1/2	1-17/64	53/64	4-3/8	2-3/4	1-39/64	4-49/64	1-1/32	5-15/16	6-37/64	8-13/16	2-3/4	1-23/32	5-25/64	3.374	1.343	HC213-40		7.31
HCT213-41	2-9/16																HC213-41		7.20
HCT214	70	32	21	111	70	41	121	26	151	167	224	70	46	137	85.7	34.1	HC214	T214	7.55
HCT214-42	2-3/8																HC214-42		7.79
HCT214-43	2-11/16	1-17/64	53/64	4-3/8	2-3/4	1-39/64	4-49/64	1-1/32	5-15/16	6-37/64	8-13/16	2-3/4	1-13/16	5-25/64	3.374	1.343	HC214-43		7.68
HCT214-44	2-3/4																HC214-44		7.56
HCT215	75	32	21	111	70	41	121	26	151	167	232	70	48	140	92.1	37.3	HC215	T215	8.04
HCT215-45	2-13/16																HC215-45		8.34
HCT215-46	2-7/8	1-17/64	53/64	4-3/8	2-3/4	1-39/64	4-49/64	1-1/32	5-15/16	6-37/64	9-9/64	2-3/4	1-57/64	5-33/64	3.626	1.426	HC215-46		8.21
HCT215-47	2-15/16																HC215-47		8.08
HCT215-48	3																HC215-48		7.94

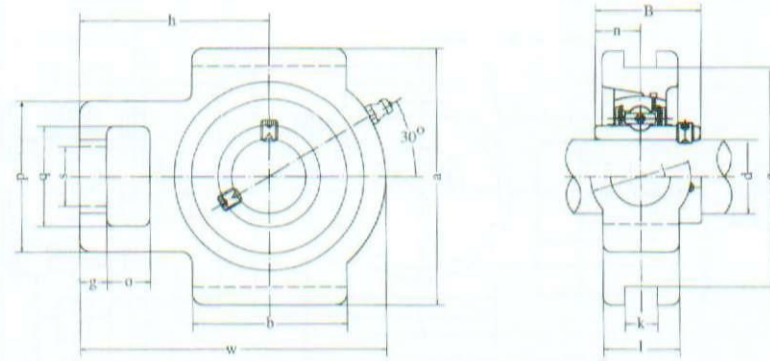
**Take-up Units**  
(with adapter mounted)

**UKT2 (Normal-duty)**



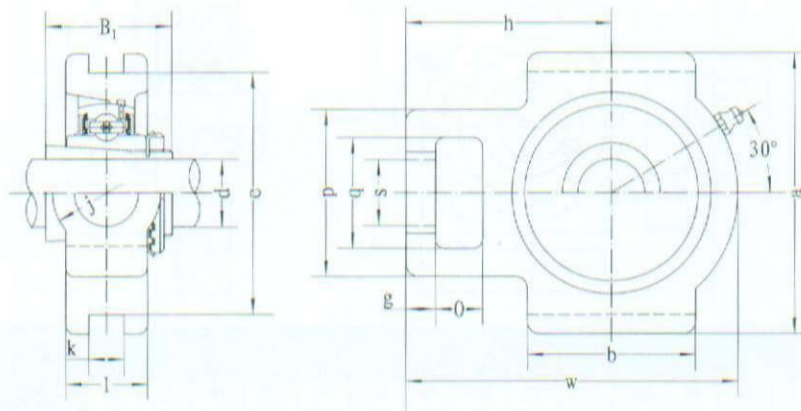
UKT-C:(D1)

Unit No.	Dimensions <sup>mm</sup> <sub>In.</sub>																Bearing No.	Housing No.	Weight (kg)
	d	o	g	p	q	s	b	k	e	a	w	j	l	h	t	B1			
UKT205;H2305	20	16	10	51	32	19	51	12	76	89	97	32	24	62	48	35	UK205;H2305	T205	0.86
UKT205;HE2305	3/4	5/8	25/64	1-1/64	1-1/4	3/4	2-1/64	15/32	2-63/64	3-1/2	3-13/16	1-1/4	15/16	2-7/16	1-7/8	1.378	UK205;HE2305		
UKT206;H2306	25	16	10	56	37	22	57	12	89	102	113	37	28	70	53	38	UK206;H2306	T206	1.26
UKT206;HS2306	7/8	5/8	25/64	2-7/32	1-15/32	55/64	2-1/4	15/32	3-1/2	4-1/64	4-29/64	1-29/64	1-3/32	2-3/4	2-3/32	1.486	UK206;HS2306		
UKT206;HE2306	1																UK206;HE2306		
UKT207;H2307	30	16	13	64	37	22	64	12	89	102	129	37	30	78	59.5	43	UK207;H2307	T207	2.50
UKT207;HS2307	1-1/8	5/8	33/64	2-33/64	1-15/32	55/64	2-33/64	15/32	3-1/2	4-1/64	5-5/64	1-29/64	1-3/16	3-5/64	2-11/32	1.693	UK207;HS2307		
UKT208;H2308	35	19	16	83	49	29	83	16	102	114	144	49	33	89	69	46	UK208;H2308	T208	2.50
UKT208;HE2308	1-1/4	3/4	5/8	3-17/64	1-15/16	1-9/64	3-17/64	5/8	4-1/64	4-31/64	5-43/64	1-15/16	1-5/16	3-1/2	2-23/32	1.811	UK208;HE2308		
UKT208;HE2308	1-3/8																UK208;HE2308		
UKT209;H2309	40	19	16	83	49	29	83	16	102	117	144	49	35	87	69	50	UK209;H2309	T209	2.51
UKT209;HA2309	1-7/16																UK209;HA2309		
UKT209;HE2309	1-1/2	3/4	5/8	3-17/64	1-15/16	1-9/64	3-17/64	5/8	4-1/64	4-39/64	5-43/64	1-15/16	1-3/8	3-27/64	2-23/32	1.969	UK209;HE2309		
UKT209;HS2309	1-5/8																UK209;HS2309		
UKT210;H2310	45	19	16	83	49	29	86	16	102	117	149	49	37	90	74.5	55	UK210;H2310	T210	2.60
UKT210;HS2310	1-5/8																UK210;HS2310		
UKT210;HA2310	1-11/16	3/4	5/8	3-17/64	1-15/16	1-9/64	3-25/64	5/8	4-1/64	4-39/64	5-55/64	1-15/16	1-15/32	3-35/64	2-15/16	2.165	UK210;HA2310		
UKT210;HE2310	1-3/4																UK210;HE2310		
UKT211;H2311	50	25	19	102	64	35	95	22	130	146	171	64	38	106	76	59	UK211;H2311	T211	4.26
UKT211;HS2311	1-7/8																UK211;HS2311		
UKT211;HA2311	1-15/16	63/64	3/4	4-1/64	2-1/32	1-3/8	3-3/4	55/64	5-1/8	5-3/4	6-47/64	2-33/64	1-1/2	4-11/64	3	2.323	UK211;HA2311		
UKT211;HE2311	2																UK211;HE2311		
UKT212;H2312	55	32	19	102	64	35	102	22	130	146	194	64	42	119	89	62	UK212;H2312	T212	5.02
UKT212;HS2312	2-1/8	1-17/64	3/4	4-1/64	2-1/32	1-3/8	4-1/64	55/64	5-1/8	5-3/4	7-41/64	2-33/64	1-21/32	4-11/16	3-1/2	2.441	UK212;HS2312		
UKT213;H2313	60	32	21	111	70	41	121	26	151	167	224	70	44	137	89	65	UK213;H2313	T213	6.56
UKT213;HA2313	2-3/16																UK213;HA2313		
UKT213;HE2313	2-1/4	1-17/64	53/64	4-3/8	2-3/4	1-39/64	4-49/64	1-1/32	5-15/16	6-37/64	8-13/16	2-3/4	1-23/32	5-25/64	3-1/2	2.559	UK213;HE2313		
UKT213;HS2313	2-3/8																UK213;HS2313		
UKT215;H2315	65	32	21	111	70	41	121	26	151	167	232	70	48	140		73	UK215;H2315	T215	7.52
UKT215;HA2315	2-7/16	1-17/64	53/64	4-3/8	2-3/4	1-39/64	4-49/64	1-1/32	5-15/16	6-37/64	9-9/64	2-3/4	1-57/64	5-33/64		2.874	UK215;HA2315		
UKT215;HE2315	2-1/2																UK215;HE2315		
UKT216;H2316	70	32	21	111	70	41	121	26	165	184	235	70	51	140		78	UK216;H2316	T216	8.56
UKT216;HA2316	2-11/16	1-17/64	53/64	4-3/8	2-3/4	1-39/64	4-49/64	1-1/32	6-1/2	7-1/4	9-1/4	2-3/4	2	5-33/64		3.071	UK216;HA2316		
UKT216;HE2316	2-3/4																UK216;HE2316		
UKT217;H2317	75	38	29	124	73	48	157	30	173	198	260	73	54	162		82	UK217;H2317	T217	11.38
UKT217;HA2317	2-15/16	1-1/2	1-9/64	4-7/8	2-7/8	1-57/64	6-3/16	1-3/16	6-13/16	7-51/64	10-15/64	2-7/8	2-1/8	6-3/8		3.228	UK217;HA2317		
UKT217;HE2317	3																UK217;HE2317		

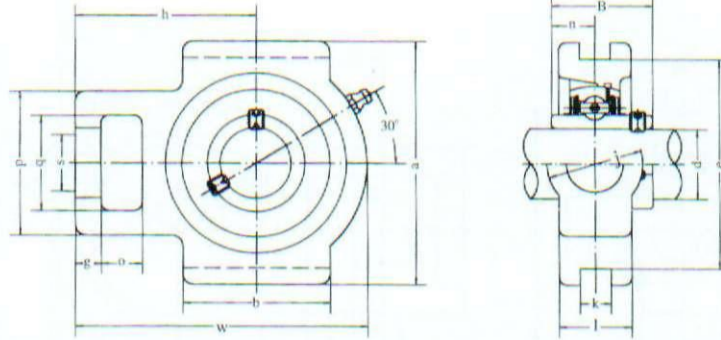


Unit No.	Dimensions <sup>mm</sup> <sub>in.</sub>																Bearing No.	Housing No.	Weight (kg)
	d	o	q	p	q	s	b	k	e	a	w	l	l	h	B	n			
UCTX05	25	16	12	56	37	22	57	12	89	102	113	28	37	70	38.1	15.9	UCX05	TX05	1.4
UCTX05-13	13/16																UCX05-13		
UCTX05-14	7/8	5/8	15/32	2-7/32	1-15/32	55/64	2-1/4	0.472	3-1/2	4-1/64	4-29/64	1-3/32	1-29/64	2-3/4	1.6000	0.626	UCX05-14		
UCTX05-15	15/16																UCX05-15		
UCTX05-16	1																UCX05-16		
UCTX06	30	16	15	64	37	22	64	12	89	102	129	30	37	78	42.9	17.5	UCX06	TX06	1.8
UCTX06-17	1-1/16																UCX06-17		
UCTX06-18	1-1/8	5/8	19/32	2-33/64	1-29/64	55/64	2-33/64	0.472	3-1/2	4-1/64	5-5/64	1-3/16	1-29/64	3-5/64	1.6890	0.689	UCX06-18		
UCTX06-19	1-3/16																UCX06-19		
UCTX06-20	1-1/4																UCX06-20		
UCTX07	35	19	17	83	49	29	83	16	102	114	144	36	49	88	49.2	19	UCX07	TX07	2.6
UCTX07-21	1-5/16																UCX07-21		
UCTX07-22	1-3/8	3/4	21/32	3-17/64	1-15/16	1-9/64	3-17/64	0.630	4-1/64	4-31/64	6-43/64	1-13/32	1-15/16	3-15/32	1.9370	0.748	UCX07-22		
UCTX07-23	1-7/16																UCX07-23		
UCTX08	40	19	17	83	49	29	83	16	102	117	144	36	49	87	49.2	19	UCX08	TX08	2.6
UCTX08-24	1-1/2	3/4	21/32	3-17/64	1-15/16	1-9/64	3-17/64	0.630	4-1/64	4-39/64	6-43/64	1-13/32	1-15/16	3-27/64	1.9370	0.748	UCX08-24		
UCTX08-25	1-9/16																UCX08-25		
UCTX09	45	19	18	83	49	29	86	16	102	117	151	38	49	92	51.6	19	UCX09	TX09	2.8
UCTX09-26	1-5/8																UCX09-26		
UCTX09-27	1-11/16	3/4	23/32	3-17/64	1-15/16	1-9/64	3-25/64	0.630	4-1/64	4-39/64	6-15/16	1-1/2	1-15/16	3-5/8	2.0315	0.748	UCX09-27		
UCTX09-28	1-3/4																UCX09-28		
UCTX09-29	1-13/16																UCX09-29		
UCTX10	50	25	21	102	64	35	95	22	130	146	171	42	64	106	55.6	22.2	UCX10	TX10	4.3
UCTX10-30	1-7/8																UCX10-30		
UCTX10-31	1-15/16	63/64	13/16	4-1/64	2-1/32	1-3/8	3-3/4	0.866	5-1/8	5-3/4	6-47/64	1-21/32	2-33/64	4-11/64	2.1890	0.874	UCX10-31		
UCTX10-32	2																UCX10-32		
UCTX11	55	32	21	102	64	35	102	22	130	146	194	44	64	119	65.1	25.4	UCX11	TX11	5.2
UCTX11-33	2-1/16																UCX11-33		
UCTX11-34	2-1/8	1-17/64	13/16	4-1/64	2-1/32	1-3/8	4-1/64	0.866	5-1/8	5-3/4	7-41/64	1-23/32	2-33/64	4-11/16	2.5630	1.000	UCX11-34		
UCTX11-35	2-3/16																UCX11-35		
UCTX11-36	2-1/4																UC211-36		
UCTX11-37	2-5/16																UC211-37		
UCTX12	60	32	23	111	70	41	121	26	151	167	224	48	70	137	65.1	25.4	UCX12		
UCTX12-38	2-3/8	1-17/64	29/32	4-3/8	2-3/4	1-39/64	4-49/64	1.024	5-15/16	6-37/64	8-13/16	1-57/64	2-3/4	5-25/64	2.5630	1.000	UCX12-38		
UCTX12-39	2-7/16																UCX12-39		
UCTX13	65	32	23	111	70	41	121	26	151	167	224	48	70	137	74.6	30.2	UCX13	TX13	7.6
UCTX13-40	2-1/2	1-17/64	29/32	4-3/8	2-3/4	1-39/64	4-49/64	1.024	5-15/16	6-37/64	8-13/16	1-57/64	2-3/4	5-25/64	2.9370	1.189	UCX13-40		
UCTX13-41	2-9/16																UCX13-41		
UCTX14	70	32	23	111	70	41	121	26	151	167	232	48	70	140	77.8	33.3	UCX14	TX14	7.7
UCTX14-42	2-5/8																UCX14-42		
UCTX14-43	2-11/16	1-17/64	29/32	4-3/8	2-3/4	1-39/64	4-49/64	1.024	5-15/16	6-37/64	9-9/64	1-57/64	2-3/4	5-33/64	3.0630	1.311	UCX14-43		
UCTX14-44	2-3/4																UCX14-44		
UCTX15	75	32	23	111	70	41	121	28	165	184	235	48	70	140	82.6	33.3	UCX15	TX15	7.55
UCTX15-45	2-13/16																UCX15-45		
UCTX15-46	2-7/8	1-17/64	29/32	4-3/8	2-3/4	1-39/64	4-49/64	1.102	6-1/2	7-1/4	9-1/4	1-57/64	2-3/4	5-33/64	3.2520	1.311	UCX15-46		
UCTX15-47	2-15/16																UCX15-47		
UCTX15-48	3																UCX15-48		
UCTX16	80	38	30	124	73	48	157	28	173	198	260	54	73	162	85.7	34.1	UCX16	TX16	11
UCTX16-49	3-1/16																UCX16-49		
UCTX16-50	3-1/8	1-1/2	1-3/16	4-7/8	2-7/8	1-57/64	6-3/16	1.102	6-13/16	7-51/64	10-15/64	2-1/8	2-7/8	6-3/8	3.3740	1.343	UCX16-50		
UCTX16-51	3-3/16																UCX16-51		
UCTX16-52	3-1/4																UCX16-52		
UCTX17	85	38	30	124	73	48	157	28	173	198	260	54	73	162	96	39.7	UCX17		
UCTX17-53	3-5/16	1-1/2	1-3/16	4-7/8	2-7/8	1-57/64	6-3/16	1.102	6-13/16	7-51/64	10-15/64	2-1/8	2-7/8	6-3/8	3.7795	1.5630	UCX17-53		
UCTX17-55	3-7/16																UCX17-55		

**Take-up units**  
(with adapter mounted)

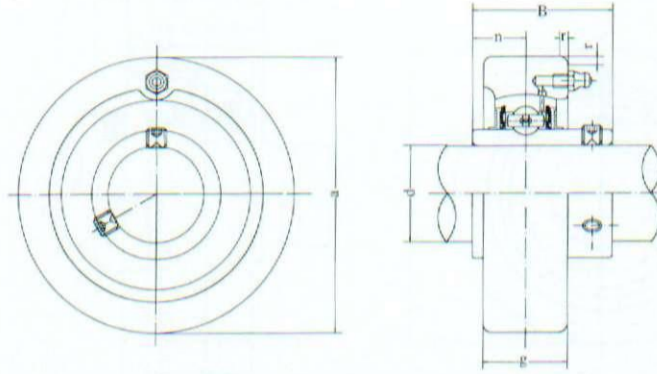


Unit No.	Dimensions <small>mm</small> <small>in.</small>															Bearing No.	Housing No.	Weight (kg)
	d	o	g	p	q	s	b	k	e	a	w	l	j	h	B <sub>1</sub>			
UKTX05:H2305 UKTX05:HE2305	20 3/4	16 5/8	12 15/32	56 2-7/32	37 1-15/32	22 55/64	57 2-1/4	12 0.742	89 3-1/2	102 4-1/64	113 4-29/64	28 1-3/32	37 1-29/64	70 2-3/4	35 1.378	UKX05:H2305 UKX05:HE2305	TX05	1.3
UKTX06:H2306 UKTX06:HS2306 UKTX06:HE2306	25 7/8	16 5/8	15 19/32	64 2-33/64	37 1-29/64	22 55/64	64 2-33/64	12 0.472	89 3-1/2	102 4-1/64	129 5-5/64	30 1-3/16	37 1-29/64	78 3-5/64	38 1.496	UKX06:H2306 UKX06:HS2306 UKX06:HE2306	TX06	1.7
UKTX07:H2307 UKTX07:HS2307	30 1-1/8	19 3/4	17 21/32	83 3-17/64	49 1-15/16	29 1-9/64	83 3-17/64	16 0.630	102 4-1/64	114 4-31/64	144 5-43/64	36 1-13/32	49 1-15/16	88 3-27/64	43 1.811	UKX07:H2307 UKX07:HS2307	TX07	2.6
UKTX08:H2308 UKTX08:HE2308 UKTX08:HS2308	35 1-1/4	19 3/4	17 21/32	83 3-17/64	49 1-15/16	29 1-9/64	83 3-17/64	16 0.630	102 4-1/64	117 4-39/64	144 5-43/64	36 1-13/32	49 1-15/16	87 3-27/64	46 1.811	UKX08:H2308 UKX08:HE2308 UKX08:HS2308	TX08	2.6
UKTX09:H2309 UKTX09:HA2309 UKTX09:HE2309 UKTX09:HS2309	40 1-7/16	19 3/4	18 23/32	83 3-17/64	49 1-15/16	29 1-9/64	86 3-25/64	16 0.630	102 4-1/64	117 4-39/64	151 5-15/16	38 1-1/2	49 1-15/16	92 3-5/8	50 1.969	UKX09:H2309 UKX09:HA2309 UKX09:HE2309 UKX09:HS2309	TX09	2.9
UKTX10:H2310 UKTX10:HS2310 UKTX10:HA2310 UKTX10:HE2310	45 1-5/8	25 1-11/16	21 63/64	102 13/16	64 4-1/64	35 2-1/32	95 1-3/8	22 3/32	130 0.866	146 5-1/8	171 6-47/64	42 1-21/32	64 2-33/64	106 4-11/64	55 2.165	UKX10:H2310 UKX10:HS2310 UKX10:HA2310 UKX10:HE2310	TX10	4.4
UKTX11:H2311 UKTX11:HS2311 UKTX11:HA2311 UKTX11:HE2311	50 1-7/8	32 1-15/16	21 1-17/64	102 13/16	64 4-1/64	35 2-1/32	102 1-3/8	22 4-1/64	130 0.866	146 5-1/8	194 7-41/64	44 1-23/32	64 2-33/64	119 4-11/16	59 2.323	UKX11:H2311 UKX11:HS2311 UKX11:HA2311 UKX11:HE2311	TX11	5.1
UKTX12:H2312 UKTX12:HS2312	55 2-1/8	32 1-17/64	23 29/32	111 4-3/8	70 2-3/4	41 1-39/64	121 4-49/64	26 1.024	151 5-15/16	167 6-37/64	224 8-13/16	48 1-7/8	70 2-3/4	137 5-25/64	62 2.441	UKX12:H2312 UKX12:HS2312	TX12	7.3
UKTX13:H2313 UKTX13:HA2313 UKTX13:HA2313 UKTX13:HS2313	60 2-3/16	32 1-17/64	23 29/32	111 4-3/8	70 2-3/4	41 1-39/64	121 4-49/64	26 1.024	151 5-15/16	167 6-37/64	224 8-13/16	48 1-7/8	70 2-3/4	137 5-25/64	65 2.559	UKX13:H2313 UKX13:HA2313 UKX13:HA2313 UKX13:HS2313	TX13	7.2
UKTX15:H2315 UKTX15:HA2315 UKTX15:HE2315	65 2-7/16	32 1-17/64	23 29/32	111 4-3/8	70 2-3/4	41 1-39/64	121 4-49/64	28 1.102	165 6-1/2	184 7-1/4	235 9-1/4	48 1-57/64	70 2-3/4	140 5-25/64	73 2.559	UKX15:H2315 UKX15:HA2315 UKX15:HE2315	TX15	8.4
UKTX16:H2316 UKTX16:HA2316 UKTX16:HE2316	70 2-11/16	38 1-1/2	30 1-3/16	124 4-7/8	73 2-7/8	48 1-57/64	157 6-3/16	28 1.102	173 6-13/16	198 7-51/64	260 10-15/64	54 2-1/8	73 2-7/8	162 6-3/8	78 3.071	UKX16:H2316 UKX16:HA2316 UKX16:HE2316	TX16	11.8
UKTX17:H2317 UKTX17:HA2317 UKTX17:HS2317	75 2-15/16	38 1-1/2	30 1-3/16	124 4-7/8	73 2-7/8	48 1-57/64	157 6-3/16	28 1.102	173 6-13/16	198 7-51/64	260 10-15/64	54 2-1/8	73 2-7/8	162 6-3/8	82 3.228	UKX17:H2317 UKX17:HA2317 UKX17:HS2317	TX17	11.4

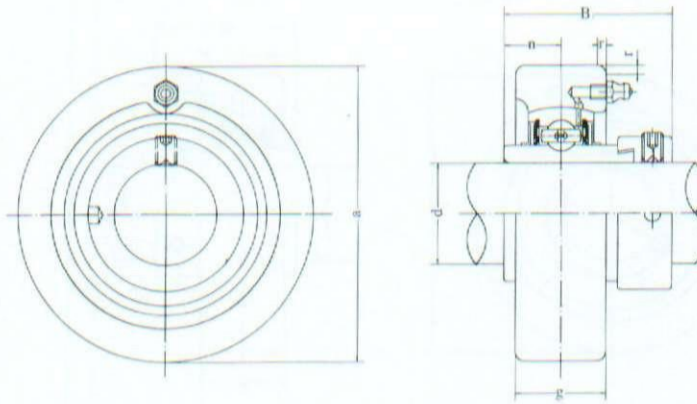


Unit No.	Dimensions <sup>mm</sup> / <sub>inch</sub>																Bearing No.	Housing No.	Weight (kg)
	a	o	g	p	q	s	b	k	e	a	w	j	l	h	B	n			
UCT305 UCT305-13 UCT305-14 UCT305-15 UCT305-16	25 13/16 7/8 15/16 1	16	14	62	36	26	65	12	80	89	122	36	26	76	38	15	UC305 UC305-13 UC305-14 UC305-15 UC305-16	T305	1.4
UCT306 UCT306-17 UCT306-18 UCT306-19	30 1-1/16 1-1/8 1-3/16	18	16	70	41	28	74	16	90	100	137	41	28	85	43	17	UC306 UC306-17 UC306-18 UC306-19	T306	1.8
UCT307 UCT307-20 UCT307-21 UCT307-22 UCT307-23	35 1-1/4 1-5/16 1-3/8 1-7/16	20	17	75	45	30	80	16	100	111	150	45	32	94	48	19	UC307 UC307-20 UC307-21 UC307-22 UC307-23	T307	2.4
UCT308 UCT308-24 UCT308-25	40 1-1/2 1-9/16	22	19	83	50	32	89	18	112	124	162	50	34	100	52	19	UC308 UC308-24 UC308-25	T308	3.0
UCT309 UCT309-26 UCT309-27 UCT309-28	45 1-5/8 1-11/16 1-3/4	24	20	90	55	34	97	18	125	138	178	55	38	110	57	22	UC309 UC309-26 UC309-27 UC309-28	T309	4.0
UCT310 UCT310-29 UCT310-30 UCT310-31	50 1-13/16 1-7/8 1-15/16	27	22	98	61	37	106	20	140	151	192	61	40	118	61	22	UC310 UC310-29 UC310-30 UC310-31	T310	5.0
UCT311 UCT311-32 UCT311-33 UCT311-34 UCT311-35	55 2 2-1/16 2-1/8 2-3/16	29	23	105	66	39	115	22	150	163	207	66	44	127	66	25	UC311 UC311-32 UC311-33 UC311-34 UC311-35	T311	6.4
UCT312 UCT312-36 UCT312-37 UCT312-38 UCT312-39	60 2-1/4 2-5/16 2-3/8 2-7/16	31	25	113	71	41	123	22	160	178	220	71	46	135	71	26	UC312 UC312-36 UC312-37 UC312-38 UC312-39	T312	7.6
UCT313 UCT313-40 UCT313-41	65 2-1/2 2-9/16	32	27	116	70	43	134	26	170	190	238	80	50	146	75	30	UC313 UC313-40 UC313-41	T313	9.7
UCT314 UCT314-42 UCT314-43 UCT314-44	70 2-5/8 2-11/16 2-3/4	36	27	130	85	46	140	26	180	202	252	90	52	155	78	33	UC314 UC314-42 UC314-43 UC314-44	T314	11
UCT315 UCT315-45 UCT315-46 UCT315-47 UCT315-48	75 2-13/16 2-7/8 2-15/16 3	36	27	132	85	46	150	26	192	216	262	90	55	160	82	32	UC315 UC315-45 UC315-46 UC315-47 UC315-48	T315	14
UCT316 UCT316-49 UCT316-50 UCT316-51	80 3-1/16 3-1/8 3-3/16	42	30	150	98	53	160	30	204	230	282	102	60	174	86	34	UC316 UC316-49 UC316-50 UC316-51	T316	16
UCT317 UCT317-52 UCT317-53 UCT317-55	85 3-1/4 3-5/16 3-7/16	42	32	152	98	53	170	32	214	240	298	102	64	183	96	40	UC317 UC317-52 UC317-53 UC317-55	T317	20
UCT318 UCT318-55 UCT318-56	90 3-7/16 3-1/2	46	32	160	106	57	175	32	228	255	312	110	66	192	96	40	UC318 UC318-55 UC318-56	T318	22
UCT319 UCT319-58 UCT319-59 UCT319-60	95 3-5/8 3-11/16 3-3/4	46	33	165	106	57	180	35	240	270	322	110	72	197	103	41	UC319 UC319-58 UC319-59 UC319-60	T319	24
UCT320 UCT320-64	100 4	48	32	175	115	59	200	35	260	290	345	120	75	210	108	42	UC320 UC320-64	T320	32
UCT322	110	52	38	185	125	65	215	38	285	320	385	130	80	235	117	46	UC322	T322	40
UCT324	120	60	42	210	140	70	230	45	320	355	432	140	90	267	126	51	UC324	T324	55
UCT326	130	65	45	220	150	75	240	50	350	385	465	150	100	285	135	54	UC326	T326	69
UCT328	140	70	50	230	160	80	255	50	380	415	515	155	100	315	145	59	UC328	T328	84

**Cartridge Units**

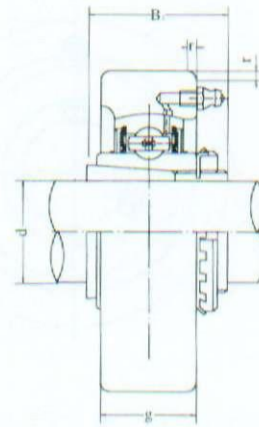
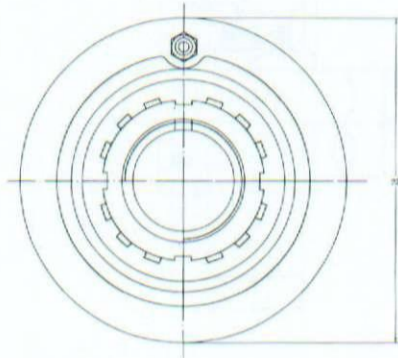


Unit No.	Dimensions <small>mm in.</small>						Bearing No.	Housing No.	Weight (kg)
	d	a	g	r	B	n			
UCC201	12	72	20	2	31	12.7	UC201	C204	0.52
UCC201-8	1/2	2.8346	25/32	0.079	1.2205	0.500	UC201-8		0.51
UCC202	15	72	20	2	31	12.7	UC202	C204	0.51
UCC202-9	9/16	2.8346	25/32	0.079	1.2205	0.500	UC202-9		0.51
UCC202-10	5/8						UC202-10		0.51
UCC203	17	72	20	2	31	12.7	UC203	C204	0.50
UCC203-11	11/16	2.8346	25/32	0.079	1.2205	0.500	UC203-11		0.49
UCC204	20	72	20	2	31	12.7	UC204	C204	0.48
UCC204-12	3/4	2.8346	25/32	0.079	1.2205	0.500	UC204-12		0.48
UCC205	25	80	22	2	34.1	14.3	UC205	C205	0.63
UCC205-13	13/16						UC205-13		0.67
UCC205-14	7/8	3.1496	55/64	0.079	1.3425	0.563	UC205-14		0.66
UCC205-15	15/16						UC205-15		0.64
UCC205-16	1						UC205-16		0.63
UCC206	30	85	27	2	38.1	15.9	UC206	C206	0.80
UCC206-17	1-1/16						UC206-17		0.83
UCC206-18	1-1/8	3.3465	1-1/16	0.079	1.5000	0.626	UC206-18		0.82
UCC206-19	1-3/16						UC206-19		0.80
UCC206-20	1-1/4						UC206-20		0.79
UCC207	35	90	28	2	42.9	17.5	UC207	C207	0.93
UCC207-20	1-1/4						UC207-20		0.99
UCC207-21	1-5/16	3.5433	1-7/64	0.079	1.6890	0.689	UC207-21		0.96
UCC207-22	1-3/8						UC207-22		0.93
UCC207-23	1-7/16						UC207-23		0.90
UCC208	40	100	30	2.5	49.2	19	UC208	C208	1.22
UCC208-24	1-1/2	3.9370	1-3/16	0.098	1.9370	0.748	UC208-24		1.26
UCC208-25	1-9/16						UC208-25		1.23
UCC209	45	110	31	2.5	49.2	19	UC209	C209	1.49
UCC209-26	1-5/8						UC209-26		1.59
UCC209-27	1-11/16	4.3307	1-7/32	0.098	1.9370	0.748	UC209-27		1.55
UCC209-28	1-3/4						UC209-28		1.51
UCC210	50	120	33	2.5	51.6	19	UC210	C210	1.90
UCC210-29	1-13/16						UC210-29		2.02
UCC210-30	1-7/8	4.7244	1-19/64	0.098	2.0315	0.748	UC210-30		1.97
UCC210-31	1-15/16						UC210-31		1.92
UCC210-32	2						UC210-32		1.88
UCC211	55	125	35	2.5	55.6	22.2	UC211	C211	2.18
UCC211-32	2						UC211-32		2.33
UCC211-33	2-1/16	4.9213	1-3/8	0.098	2.1890	0.874	UC211-33		2.27
UCC211-34	2-1/8						UC211-34		2.22
UCC211-35	2-3/16						UC211-35		2.16
UCC212	60	130	38	2.5	65.1	25.4	UC212	C212	2.52
UCC212-36	2-1/4						UC212-36		2.65
UCC212-37	2-5/16	5.1181	1-1/2	0.098	2.5630	1.000	UC212-37		2.57
UCC212-38	2-3/8						UC212-38		2.50
UCC212-39	2-7/16						UC212-39		2.43
UCC213	65	140	40	3	65.1	25.4	UC213	C213	2.98
UCC213-40	2-1/2	5.5118	1-37/64	0.118	2.5630	1.000	UC213-40		3.07
UCC213-41	2-9/16						UC213-41		2.98

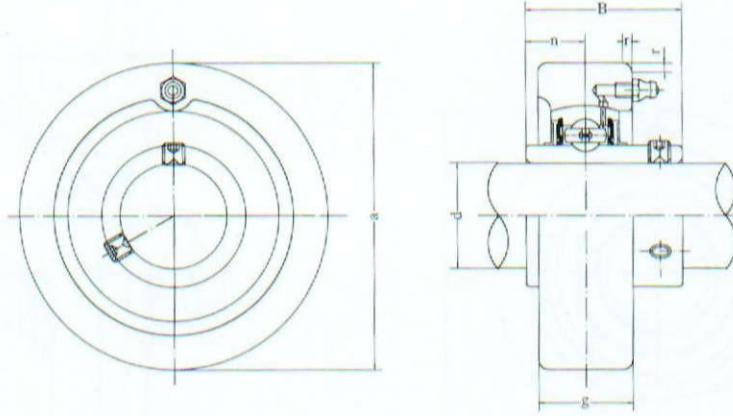


Unit No.	Dimensions <sup>mm</sup> <sub>in.</sub>						Bearing No.	Housing No.	Weight (kg)
	d	a	g	r	B <sub>1</sub>	n			
HCC204	20	72	20	2	43.7	17.1	HC204	C204	0.55
HCC204-12	3/4	2.8346	25/32	0.079	1.720	0.673	HC204-12		0.55
HCC205	25	80	22	2	44.4	17.5	HC205	C205	0.70
HCC205-13	13/16						HC205-13		0.75
HCC205-14	7/8	3.1496	55/64	0.079	1.748	0.689	HC205-14		0.74
HCC205-15	15/16						HC205-15		0.72
HCC205-16	1						HC205-16		0.70
HCC206	30	85	27	2	48.4	18.3	HC206	C206	0.93
HCC206-17	1-1/16						HC206-17		0.98
HCC206-18	1-1/8	3.3465	1-1/16	0.079	1.906	0.720	HC206-18		0.95
HCC206-19	1-3/16						HC206-19		0.93
HCC206-20	1-1/4						HC206-20		0.90
HCC207	35	90	28	2	51.1	18.8	HC207	C207	1.05
HCC207-20	1-1/4						HC207-20		1.12
HCC207-21	1-5/16	3.5433	1-7/64	0.079	2.012	0.740	HC207-21		1.08
HCC207-22	1-3/8						HC207-22		1.05
HCC207-23	1-7/16						HC208-23		1.02
HCC208	40	100	30	2.5	56.3	21.4	HC208	C208	1.37
HCC208-24	1-1/2	3.9370	1-3/16	0.098	2.217	0.843	HC208-24		1.42
HCC208-25	1-9/16						HC208-25		1.38
HCC209	45	110	31	2.5	56.3	21.4	HC209	C209	1.66
HCC209-26	1-5/8	4.3307	1-7/32	0.098	2.217	0.843	HC209-26		1.77
HCC209-27	1-11/16						HC209-27		1.72
HCC209-28	1-3/4						HC209-28		1.68
HCC210	50	120	33	2.5	62.7	24.6	HC210	C210	2.09
HCC210-29	1-13/16						HC210-29		2.24
HCC210-30	1-7/8	4.7244	1-19/64	0.098	2.469	0.969	HC210-30		2.18
HCC210-31	1-15/16						HC210-31		2.12
HCC210-32	2						HC210-32		2.06
HCC211	55	125	35	2.5	71.4	27.8	HC211	C211	2.39
HCC211-32	2						HC211-32		2.59
HCC211-33	2-1/16	4.9213	1-3/8	0.098	2.811	1.094	HC211-33		2.51
HCC211-34	2-1/8						HC211-34		2.44
HCC211-35	2-3/16						HC211-35		2.36
HCC212	60	130	38	2.5	77.8	31	HC212	C212	2.86
HCC212-36	2-1/4						HC212-36		3.02
HCC212-37	2-5/16	5.1181	1-1/2	0.098	3.063	1.220	HC212-37		2.93
HCC212-38	2-3/8						HC212-38		2.88
HCC212-39	2-7/16						HC212-39		2.75

**Cartridge Units**  
 (with adapter mounted)

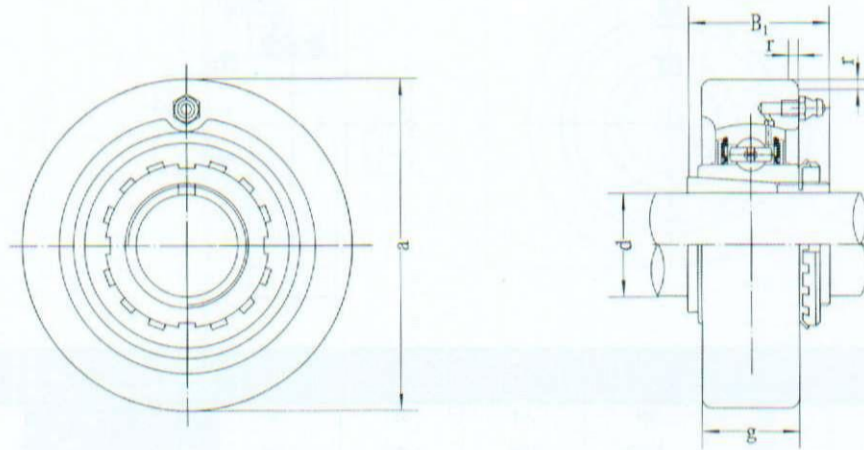


Unit No.	Dimensions <sup>mm</sup> <sub>in.</sub>					Bearing No.	Housing No.	Weight (kg)
	d	a	g	r	B			
UKC205;H2305	20	80	22	2	35	UK205;H2305	C205	0.68
UKC205;HE2305	3/4	3.1496	55/64	0.079	1.378	UK205;HE2305		
UKC206;H2306	25	85	27	2	38	UK206;H2306	C206	0.84
UKC206;HS2306	7/8	3.3465	1-1/16	0.079	1.496	UK206;HS2306		
UKC206;HE2306	1					UK206;HE2306		
UKC207;H2307	30	90	28	2	43	UK207;H2307	C207	1.02
UKC207;HS2307	1-1/8	3.5433	1-7/64	0.079	1.693	UK207;HS2307		
UKC208;H2308	35	100	30	2.5	46	UK208;H2308	C208	1.32
UKC208;HE2308	1-1/4	3.9370	1-3/16	0.098	1.811	UK208;HE2308		
UKC208;HS2308	1-3/8					UK208;HS2308		
UKC209;H2309	40	110	31	2.5	50	UK209;H2309	C209	1.64
UKC209;HA2309	1-7/16	4.3307	1-7/32	0.098	1.969	UK209;HA2309		
UKC209;HE2309	1-1/2					UK209;HE2309		
UKC209;HS2309	1-5/8					UK209;HS2309		
UKC210;H2310	45	120	33	2.5	55	UK210;H2310	C210	2.07
UKC210;HS2310	1-5/8	4.7244	1-19/64	0.098	2.165	UK210;HS2310		
UKC210;HA2310	1-11/16					UK210;HA2310		
UKC210;HE2310	1-3/4					UK210;HE2310		
UKC211;H2311	50	125	35	2.5	59	UK211;H2311	C211	2.33
UKC211;HS2311	1-7/8	4.9213	1-3/8	0.098	2.323	UK211;HS2311		
UKC211;HA2311	1-15/16					UK211;HA2311		
UKC211;HE2311	2					UK211;HE2311		
UKC212;H2312	55	130	38	2.5	62	UK212;H2312	C212	2.57
UKC212;HS2312	2-1/8	5.1181	1-1/2	0.098	2.441	UK212;HS2312		
UKC213;H2313	60	140	40	3	65	UK213;H2313	C213	2.89
UKC213;HA2313	2-3/16	5.5118	1-37/64	0.118	2.559	UK213;HA2313		
UKC213;HE2313	2-1/4					UK213;HE2313		
UKC213;HS2313	2-3/8					UK213;HS2313		

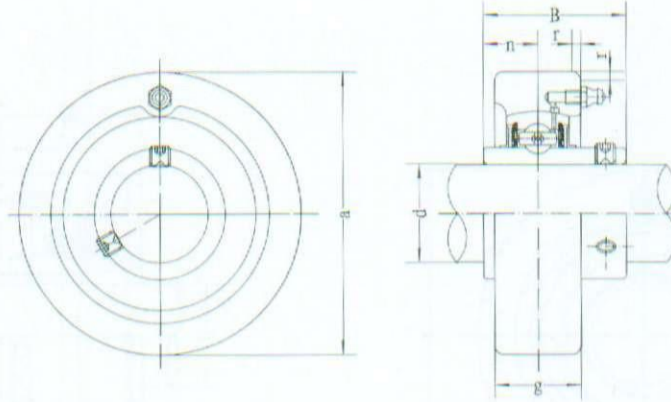


Unit No.	Dimensions <sup>mm</sup> <sub>in.</sub>						Bearing No.	Housing No.	Weight (kg)
	d	a	g	r	B	n			
UCCX05	25	90	27	2	38.1	15.9	UCX05	CX05	1.1
UCCX05-13	13/16						UCX05-13		
UCCX05-14	7/8	3.5433	1-1/16	0.079	1.5000	0.626	UCX05-14		
UCCX05-15	15/16						UCX05-15		
UCCX05-16	1						UCX05-16		
UCCX06	30	100	30	2.5	42.9	17.5	UCX06	CX06	1.6
UCCX06-17	1-1/16						UCX06-17		
UCCX06-18	1-1/8	3.9370	1-3/16	0.098	1.6890	0.689	UCX06-18		
UCCX06-19	1-3/16						UCX06-19		
UCCX06-20	1-1/4						UCX06-20		
UCCX07	35	110	34	2.5	49.2	19	UCX07	CX07	2.0
UCCX07-21	1-5/16						UCX07-21		
UCCX07-22	1-3/8	4.3307	1-11/32	0.098	1.9370	0.748	UCX07-22		
UCCX07-23	1-7/16						UCX07-23		
UCCX08	40	120	38	2.5	49.2	19	UCX08	CX08	2.5
UCCX08-24	1-1/2	4.7244	1-1/2	0.098	1.9370	0.748	UCX08-24		
UCCX08-25	1-9/16						UCX08-25		
UCCX09	45	120	38	2.5	51.6	19	UCX09	CX09	2.4
UCCX09-26	1-5/8						UCX09-26		
UCCX09-27	1-11/16	4.7244	1-1/2	0.098	2.0315	0.748	UCX09-27		
UCCX09-28	1-3/4						UCX09-28		
UCCX09-29	1-13/16						UCX09-29		
UCCX10	50	130	40	2.5	55.6	22.2	UCX10	CX10	3.0
UCCX10-30	1-7/8						UCX10-30		
UCCX10-31	1-15/16	5.1181	1-37/64	0.098	2.1890	0.874	UCX10-31		
UCCX10-32	2						UCX10-32		
UCCX11	55	150	42	3	65.1	25.4	UCX11	CX11	4.4
UCCX11-33	2-1/16						UCX11-33		
UCCX11-34	2-1/8	5.9055	1-21/32	0.118	2.5630	1.000	UCX11-34		
UCCX11-35	2-3/16						UCX11-35		
UCCX11-36	2-1/4						UCX11-36		
UCCX11-37	2-5/16						UCX11-37		
UCCX12	60	160	44	3	65.1	25.4	UCX12	CX12	5.0
UCCX12-38	2-3/8	6.2992	1-47/64	0.118	2.5630	1.000	UCX12-38		
UCCX12-39	2-7/16						UCX12-39		

**Cartridge Units**  
 (with adapter mounted)

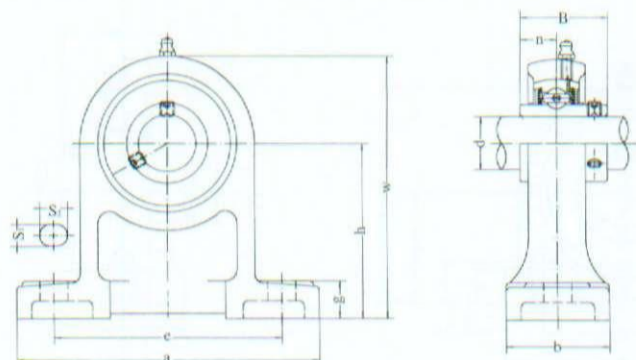


Unit No.	Dimensions <small>mm in.</small>					Bearing No.	Housing No.	Weight (kg)
	d	a	g	r	B <sub>1</sub>			
UKCX05;H2305	20	90	27	2	35	UKX05;H2305	CX05	0.99
UKCX05;HE2305	3/4	3.5433	1-1/16	0.079	1.378	UKX05;HE2305		
UKCX06;H2306	5	100	30	2.5	38	UKX06;H2306	CX06	1.3
UKCX06;HS2306	7/8	3.9370	1-3/16	0.098	1.496	UKX06;HE2306		
UKCX07;H2307	30	110	34	2.5	43	UKX07;H2307	CX07	1.7
UKCX07;HS2307	1-1/8	4.3307	1-11/32	0.098	1.693	UKX07;HS2307		
UKCX08;H2308	35	120	38	2.5	46	UKX08;H2308	CX08	2.3
UKCX08;HE2308	1-1/4	4.7244	1-1/2	0.098	1.811	UKX08;HE2308		
UKCX08;HS2308	1-3/8					UKX08;HS2308		
UKCX09;H2309	40	120	38	2.5	50	UKX09;H2309	CX09	2.3
UKCX09;HA2309	1-7/16					UKX09;HA2309		
UKCX09;HE2309	1-1/2	4.7244	1-1/2	0.098	1.989	UKX09;HE2309		
UKCX09;HS2309	1-5/8					UKX09;HS2309		
UKCX10;H2310	45	130	40	2.5	55	UKX10;H2310	CX10	2.8
UKCX10;HS2310	1-5/8					UKX10;HS2310		
UKCX10;HA2310	1-11/16	5.1181	1-37/64	0.098	2.165	UKX10;HA2310		
UKCX10;HE2310	1-3/4					UKX10;HE2310		
UKCX11;H2311	50	150	42	3	59	UKX11;H2311	CX11	3.8
UKPX11;HS2311	1-7/8					UKPX11;HS2311		
UKCX11;HA2311	1-15/16	5.9055	1-21/32	0.118	2.323	UKX11;HA2311		
UKCX11;HE2311	2					UKX11;HE2311		
UKCX12;H2312	55	160	44	3	62	UKX12;H2312	CX12	4.4
UKCX12;HS2312	2-1/8	6.2992	1-23/32	0.118	2.441	UKX12;HS2312		

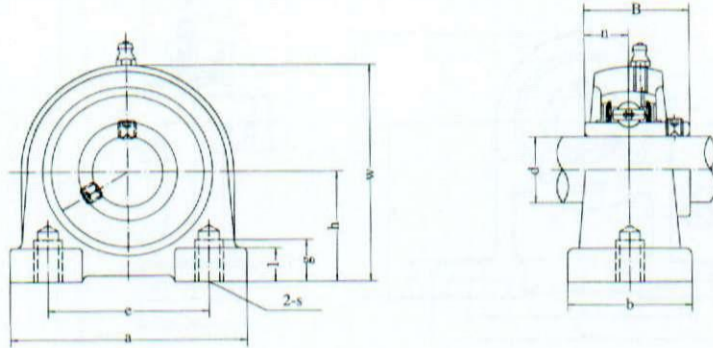


Unit No.	Dimensions						Bearing No.	Housing No.	Weight (kg)
	d	a	g	r	B	n			
UCC305	25	90	26	2.5	38	15	UC305		1.10
UCC305-13	13/16						UC305-13		1.15
UCC305-14	7/8	3.5433	1-1/32	0.098	1.4961	0.591	UC305-14	C305	1.13
UCC305-15	15/16						UC305-15		1.11
UCC305-16	1						UC305-16		1.10
UCC306	30	100	28	2.5	43	17	UC306		1.40
UCC306-17	1-1/16						UC306-17		1.45
UCC306-18	1-1/8	3.9370	1-7/64	0.098	1.6929	0.689	UC306-18	C306	1.42
UCC306-19	1-3/16						UC306-19		1.40
UCC307	35	110	32	3	48	19	UC307		1.80
UCC307-20	1-1/4						UC307-20		1.86
UCC307-21	1-5/16	1.3307	1-1/64	0.118	1.8897	0.748	UC307-21	C307	1.83
UCC307-22	1-3/8						UC307-22		1.80
UCC307-23	1-7/16						UC307-23		1.78
UCC308	40	120	34	3	52	19	UC308		2.20
UCC308-24	1-1/2	4.7244	1-11/32	0.118	2.0472	0.748	UC308-24	C308	2.25
UCC308-25	1-9/16						UC308-25		2.21
UCC309	45	130	38	3.5	57	22	UC309		2.70
UCC309-26	1-5/8						UC309-26		2.81
UCC309-27	1-11/16	2.1181	1-1/2	0.138	2.441	0.866	UC309-27	C309	2.77
UCC309-28	1-3/4						UC309-28		2.72
UCC310	50	140	40	3.5	61	22	UC310		3.30
UCC310-29	1-13/16						UC310-29		3.62
UCC310-30	1-7/8	5.118	1-37/64	0.138	2.4015	0.866	UC310-30	C310	3.39
UCC310-31	1-15/16						UC310-31		3.33
UCC311	55	150	44	3.5	66	25	UC311		3.90
UCC311-32	2						UC311-32		1.08
UCC311-33	2-1/16	5.9055	1-47/64	0.138	2.5984	0.984	UC311-33	C311	4.01
UCC311-34	2-1/8						UC311-34		3.95
UCC311-35	2-3/16						UC311-35		3.87
UCC312	60	160	46	3.5	71	26	UC312		4.80
UCC312-36	2-1/4						UC312-36		4.95
UCC312-37	2-5/16	6.2992	1-13/16	0.138	2.7953	1.024	UC312-37	C312	4.87
UCC312-38	2-3/8						UC312-38		4.78
UCC312-39	2-7/16						UC312-39		4.70
UCC313	65	170	50	3.5	75	30	UC313		5.80
UCC313-40	2-1/2						UC313-40		5.89
UCC313-41	2-9/16	6.6929	1-31/32	0.138	2.9528	1.181	UC313-41	C313	5.89
UCC314	70	180	52	4	78	33	UC314		6.60
UCC314-42	2-5/8						UC314-42		6.82
UCC314-43	2-11/16	7.0866	2-3/64	0.157	3.0709	1.299	UC314-43	C314	6.71
UCC314-44	2-3/4						UC314-44		6.61
UCC315	75	190	55	4	82	32	UC315		7.80
UCC315-45	2-13/16						UC315-45		8.07
UCC315-46	2-7/8	7.4803	2-11/64	0.157	3.2288	1.260	UC315-46	C315	7.93
UCC315-47	2-15/16						UC315-47		7.84
UCC315-48	3						UC315-48		7.71
UCC316	80	200	60	4	86	34	UC316		9.05
UCC316-49	3-1/16						UC316-49		9.22
UCC316-50	3-1/8	7.8740	2-23/64	0.157	3.3858	1.339	UC316-50	C316	9.08
UCC316-51	3-3/16						UC316-51		8.99
UCC317	85	215	64	4	96	40	UC317		10.97
UCC317-52	3-1/4						UC317-52		11.19
UCC317-53	3-5/16	8.4646	2-33/64	0.157	3.7795	1.575	UC317-53	C317	11.06
UCC317-54	3-7/16						UC317-54		10.74
UCC318	90	225	66	4	96	40	UC318		11.96
UCC318-55	3-7/16	8.8583	2-19/32	0.157	3.7795	1.575	UC318-55	C318	12.25
UCC318-56	3-1/2						UC318-56		12.07
UCC319	95	240	72	4	103	41	UC319		15.00
UCC319-58	3-5/8						UC319-58		15.33
UCC319-59	3-11/16	9.4488	2-53/64	0.157	4.0551	1.614	UC319-59	C319	15.15
UCC319-60	3-3/4						UC319-60		14.96
UCC320	100	260	75	4	108	42	UC320		19.6
UCC320-64	4	10.2362	2-61/64	0.157	4.2519	1.645	UC320-64	C320	19.4
UCC322	110	300	80	5	117	46	UC322		29.2
		11.8110	3-2/32	0.197	4.6063	1.811		C322	
UCC324	120	320	90	5	126	51	UC324		35.9
		2.5964	3-35/64	0.197	4.9606	2.008		C324	
UCC326	130	340	100	5	135	54	UC326		43.0
		13.3858	3-15/16	0.197	5.3150	2.126		C326	
UCC328	140	360	100	5	145	59	UC328		52.9
		14.1732	3-15/16	0.197	5.7086	3.323		C328	

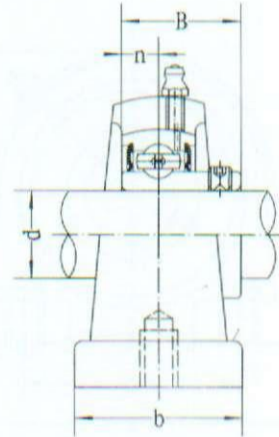
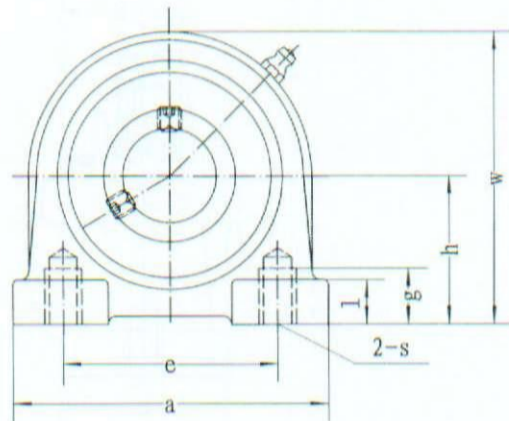
Pillow Blocks  
with setscrews



Unit No.	Dimensions <small>mm</small> <small>in.</small>											Bolt Size <small>mm</small> <small>inch</small>	Bearing No.	Housry No.	Weigh (kg)
	d	h	a	e	b	s <sub>1</sub>	s <sub>2</sub>	g	w	B	n				
UCPH201	12	70	127	95	40	13	19	15	101	31	12.7	M10	UC201	PH204	0.81
UCPH201-8	1/2												UC201-8		0.80
UCPH202	15												UC202		0.80
UCPH202-9	9/16	2-3/4	5	3-3/4	1-9/16	1/2	3/4	19/32	3-63/64	1.2205	0.500	3/8	UC202-9		0.80
UCPH202-10	5/8												UC202-10		0.80
UCPH203	17												UC203		0.79
UCPH203-11	11/16												UC203-11		0.78
UCPH204	20												UC204	0.77	
UCPH204-12	3/4												UC204-12	0.77	
UCPH205	25	80	140	105	50	13	19	16	114	34.1	14.3	M10	UC205	PH205	1.01
UCPH205-13	13/16												UC205-13		1.05
UCPH205-14	7/8	3-5/32	5-1/2	4-1/8	1-31/32	1/2	3/4	5/8	4-31/64	1.3425	0.563	3/8	UC205-14		1.04
UCPH205-15	15/16												UC205-15		1.02
UCPH205-16	1												UC205-16		1.01
UCPH206	30	90	161	121	50	17	21	17	130	38.1	15.9	M14	UC206	PH206	1.47
UCPH206-17	1-1/16												UC206-17		1.50
UCPH206-18	1-1/8	3-35/64	6-11/32	4-3/4	1-31/32	43/64	53/64	43/64	5-1/8	1.5000	0.626	1/2	UC206-18		1.49
UCPH206-19	1-3/16												UC206-19		1.47
UCPH206-20	1-1/4												UC206-20		1.46
UCPH207	35	95	166	127	60	17	21	18	140	42.9	17.5	M14	UC207	PH207	1.91
UCPH207-20	1-1/4												UC207-20		1.97
UCPH207-21	1-5/16	3-47/64	6-17/32	5	2-23/64	43/64	53/64	45/64	5-33/64	1.6890	0.689	1/2	UC207-21		1.94
UCPH207-22	1-3/8												UC207-22		1.91
UCPH207-23	1-7/16												UC207-23		1.88
UCPH208	40	100	178	137	70	17	21	19	150	49.2	19	M14	UC208	PH208	2.52
UCPH208-24	1-1/2	3-15/16	7-1/64	5-13/32	2-3/4	43/64	53/64	3/4	5-29/32	1.9370	0.748	1/2	UC208-24		2.56
UCPH208-25	1-9/16												UC208-25		2.53
UCPH209	45	105	189	146	70	17	21	20	158	49.2	19	M14	UC209	PH209	2.72
UCPH209-26	1-5/8												UC209-26		2.82
UCPH209-27	1-11/16	4-9/64	7-7/16	5-3/4	2-3/4	43/64	53/64	25/32	6-7/32	1.9370	0.748	1/2	UC209-27		2.78
UCPH209-28	1-3/4												UC209-28		2.74
UCPH210	50	110	205	159	70	20	23	21	165	51.6	19	M16	UC210	PH210	3.10
UCPH210-29	1-13/16												UC210-29		3.22
UCPH210-30	1-7/8	4-21/64	8-5/64	6-1/4	2-3/4	25/32	29/32	53/64	6-1/2	2.0315	0.748	5/8	UC210-30		3.17
UCPH210-31	1-15/16												UC210-31		3.12
UCPH210-32	2												UC210-32		3.08
UCPH211	55	120	219	171	75	20	23	22	181	55.6	22.2	M16	UC211	PH211	5.51
UCPH211-32	2												UC211-32		5.66
UCPH211-33	2-1/16	4-23/32	8-5/8	6-47/64	2-61/64	25/32	29/32	55/64	7-1/8	2.1890	0.874	5/8	UC211-33		5.6
UCPH211-34	2-1/8												UC211-34		5.55
UCPH211-35	2-3/16												UC211-35		5.49
UCPH212	60	130	241	184	85	20	23	25	197	65.1	25.4	M16	UC212	PH212	6.34
UCPH212-36	2-1/4												UC212-36		6.47
UCPH212-37	2-5/16	5-1/8	9-1/2	7-1/4	3-11/32	25/32	29/32	63/64	7-3/4	2.5630	1.000	5/8	UC212-37		6.39
UCPH212-38	2-3/8												UC212-38		6.32
UCPH212-39	2-7/16												UC212-39		6.25
UCPH213	65	140	265	203	95	25	28	27	212	65.1	25.4	M20	UC213	PH213	7.45
UCPH213-40	2-1/2	5-33/64	10-7/16	8	3-3/4	63/64	1-3/32	1-1/16	8-11/32	2.5830	1.000	3/4	UC213-40		7.54
UCPH213-41	2-9/16												UC213-41		7.45
UCPH214	70	150	266	210	105	25	28	28	225	74.6	30.2	M20	UC214	PH214	8.25
UCPH214-42	2-5/8												UC214-42		8.46
UCPH214-43	2-11/16	5-29/32	10-15/32	8-17/64	5-9/64	63/64	1-3/32	1-7/64	8-55/64	2.9370	1.189	3/4	UC214-43		8.36
UCPH214-44	2-3/4												UC214-44		8.26
UCPH215	75	160	275	217	115	25	28	29	238	77.8	33.3	M20	UC215	PH215	9.61
UCPH215-45	2-13/16												UC215-45		9.85
UCPH215-46	2-7/8	5-19/64	10-53/64	8-35/64	4-17/32	63/64	1-3/32	1-9/64	9-3/8	3.0630	1.311	3/4	UC215-46		9.75
UCPH215-47	2-15/16												UC215-47		9.64
UCPH215-48	3												UC215-48		9.25
UCPH216	80	170	292	232	125	25	28	30	253	82.6	33.3	M20	UC216	PH216	10.8
UCPH216-49	3-1/16												UC216-49		10.98
UCPH216-50	3-1/8	6-11/16	11-1/2	9-1/8	4-59/64	63/64	1-3/32	1-3/16	9-61/64	3.2520	1.311	3/4	UC216-50		10.85
UCPH216-51	3-3/16												UC216-51		10.72



Unit No.	Dimensions <sup>mm</sup> / <sub>in.</sub>											Bolt Size <sup>mm</sup> / <sub>inch</sub>	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	S	g	l	w	B	n				
UCPA201	12	30.2	76	52	40		15	11	62	31	12.7		UC201		0.6
UCPA201-8	1/2												UC201-8		0.59
UCPA202	15												UC202		0.59
UCPA202-9	9/16												UC202-9		0.59
UCPA202-10	5/8	1-3/16	3	2-3/64	1-9/16	M10	19/32	7/16	2-7/16	1.2205	0.500	M10	UC202-10	PA204	0.59
UCPA203	17												UC203		0.58
UCPA203-11	11/16												UC203-11		0.57
UCPA204	20												UC204		0.56
UCPA204-12	3/4												UC204-12		0.56
UCPA205	25	36.5	84	56	38		15	12	72	34.1	14.3		UC205		0.83
UCPA205-13	13/16												UC205-13		0.87
UCPA205-14	7/8	1-7/16	3-5/16	2-13/64	1-1/2	M10	19/32	15/32	2-53/64	1.3425	0.563	M10	UC205-14	PA205	0.86
UCPA205-15	15/16												UC205-15		0.84
UCPA205-16	1												UC205-16		0.83
UCPA206	30	42.9	94	66	50		18	12	84	38.1	15.9		UC206		1.12
UCPA206-17	1-1/16												UC206-17		1.15
UCPA206-18	1-1/8	1-11/16	3-45/64	2-19/32	1-31/32	M14	45/64	15/32	3-5/16	1.5000	0.626	M14	UC206-18	PA206	1.14
UCPA206-19	1-3/16												UC206-19		1.12
UCPA206-20	1-1/4												UC206-20		1.11
UCPA207	35	47.6	110	80	55		20	13	95	42.9	17.5		UC207		1.48
UCPA207-20	1-1/4												UC207-20		1.54
UCPA207-21	1-5/16	1-7/8	4-21/64	3-5/32	2-11/64	M14	25/32	33/64	3-47/64	1.6890	0.689	M14	UC207-21	PA207	1.51
UCPA207-22	1-3/8												UC207-22		1.48
UCPA207-23	1-7/16												UC207-23		1.45
UCPA208	40	49.2	116	84	58		20	13	100	49.2	19		UC208		1.89
UCPA208-24	1-1/2	1-15/16	4-9/16	3-5/16	2-9/32	M14	25/32	33/64	3-15/16	1.9370	0.748	M14	UC208-24	PA208	1.93
UCPA208-25	1-9/16												UC208-25		1.90
UCPA209	45	54.2	120	90	60		25	13	108	49.2	19		UC209		1.98
UCPA209-26	1-5/8												UC209-26		2.08
UCPA209-27	1-11/16	2-9/64	4-23/32	3-35/64	2-23/64	M14	63/64	33/64	4-1/4	1.9370	0.748	M14	UC209-27	PA209	2.04
UCPA209-28	1-3/4												UC209-28		2.00
UCPA210	50	57.2	130	94	64		25	14	116	51.6	19		UC210		2.16
UCPA210-29	1-13/16												UC210-29		2.28
UCPA210-30	1-7/8	2-1/4	5-1/8	3-45/64	2-33/64	M16	63/64	35/64	4-9/16	2.0315	0.748	M16	UC210-30	PA210	2.23
UCPA210-31	1-15/16												UC210-31		2.18
UCPA210-32	2												UC210-32		2.14
UCPA211	55	63.5	140	104	66		25	14	125	55.6	22.2		UC211		3.26
UCPA211-32	2												UC211-32		3.41
UCPA211-33	2-1/16	2-1/2	5-33/64	4-3/32	2-19/32	M16	63/64	35/64	4-59/64	2.1890	0.874	M16	UC211-33	PA211	3.35
UCPA211-34	2-1/8												UC211-34		3.30
UCPA211-35	2-3/16												UC211-35		3.24
UCPA212	60	69.9	150	114	68		25	15	138	65.1	25.4		UC212		4.19
UCPA212-36	2-1/4												UC212-36		4.32
UCPA212-37	2-5/16	2-3/4	5-29/32	4-31/64	2-43/64	M16	63/64	19/32	5-7/16	2.5630	1.000	M16	UC212-37	PA212	4.24
UCPA212-38	2-3/8												UC212-38		4.17
UCPA212-39	2-7/16												UC212-39		4.10
UCPA213	65	76.2	160	124	70		25	15	150	65.1	25.4		UC213		5.08
UCPA213-40	2-1/2	3	6-19/64	4-7/8	2-3/4	M16	63/64	19/32	5-29/32	2.5630	1.000	M16	UC213-40	PA213	5.17
UCPA213-41	2-9/16												UC213-41		5.08



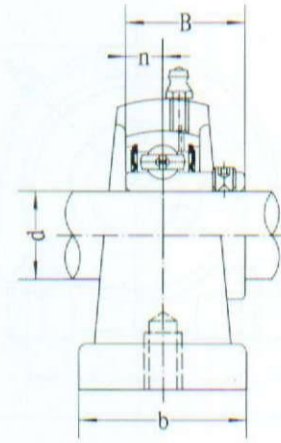
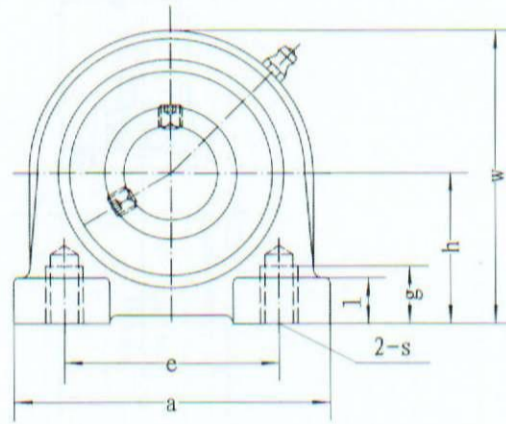
Unit No.	Dimensions <sup>mm</sup> <sub>in.</sub>											Bolt Size <sub>mm</sub> inch	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	s	l	g	w	B	n				
UCPG201	12	33.3	70	49	38		14	14	64	31	12.7		UC201		0.63
UCPG201-8	1/2												UC201-8		0.62
UCPG202	15					M8							UC202	PG204	0.62
UCPG202-9	9/16												UC202-9		0.62
UCPG202-10	5/8	15/16	2-3/4	1-59/64	1-1/2		35/64	35/64	2-33/64	1.2205	0.500		UC202-10		0.62
UCPG203	17												UC203		0.61
UCPG203-11	11/16												UC203-11		0.60
UCPG204	20												UC204		0.59
UCPG204-12	7/8												UC204-12		0.59
UCPG205	25	36.5	75	50	38		15	15	70	34.1	14.3		UC205		0.70
UCPG205-13	13/16												UC205-13		0.74
UCPG205-14	7/8												UC205-14	PG205	0.73
UCPG205-15	15/16	1-7/16	2-6/64	1-31/32	1-1/2	M10	19/32	19/32	2-3/4	1.3425	0.563		UC205-15		0.71
UCPG205-16	1												UC205-16		0.70
UCPG206	30	42.9	85	60	48		17	16	83	38.1	15.9		UC206		1.09
UCPG206-17	1-1/16												UC206-17		1.10
UCPG206-18	1-1/8												UC206-18	PG206	1.11
UCPG206-19	1-3/16	1-11/16	3-11/32	2-23/64	1-64/57	M10	43/64	5/8	3-17/64	1.5000	0.626		UC206-19		1.09
UCPG206-20	1-1/4												UC206-20		1.08
UCPG207	35	47.6	100	68	48		20	19	93	42.9	17.5		UC207		1.47
UCPG207-20	1-1/4												UC207-20		1.53
UCPG207-21	1-16/5	1-7/8	3-15/16	2-43/64	1-57/64	M12	25/32	3/4	3-21/32	1.6890	0.689		UC207-21	PG207	1.50
UCPG207-22	1-3/8												UC207-22		1.47
UCPG207-23	1-7/16												UC207-23		1.44
UCPG208	40	49.2	110	78	54		20	19	98	49.2	19		UC208		1.81
UCPG208-24	1-1/2												UC208-24		1.85
UCPG208-25	1-9/16	1-15/16	4-21/64	3-5/64	2-1/8	M12	25/32	3/4	3-55/64	1.9370	0.748		UC208-25	PG208	1.82
UCPG209	45	53.9	120	85	54		20	19	106	49.2	19		UC209		2.13
UCPG209-26	1-5/8												UC209-26		2.23
UCPG209-27	1-11/16	2-1/8	4-23/32	3-11/32	2-1/8	M12	25/32	3/4	4-11/64	1.9370	0.748		UC209-27	PG209	2.19
UCPG209-28	1-3/4												UC209-28		2.15
UCPG210	50	57.2	135	95	60		21	22	114	51.6	19		UC210		2.84
UCPG210-29	1-13/16												UC210-29		2.96
UCPG210-30	1-7/8												UC210-30	PG210	2.91
UCPG210-31	1-15/16	2-1/4	5-5/16	3-47/64	2-23/64	M16	53/64	55/64	4-31/64	2.0315	0.748		UC210-31		2.86
UCPG210-32	2												UC210-32		2.82



FK BALL BEARING UNITS

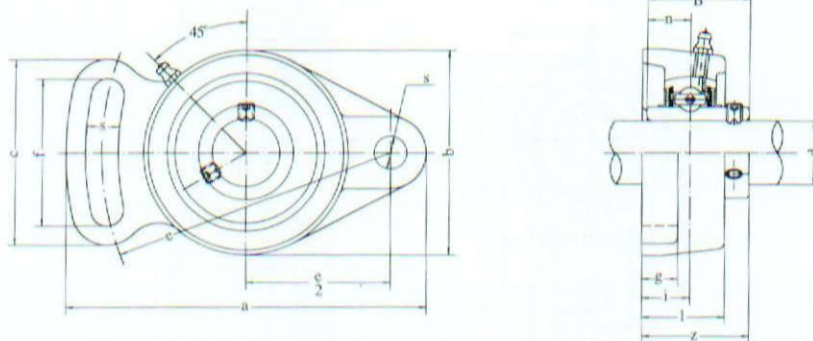
UCPW2(Normal-duty)

pillow Blocks



Unit No.	Dimensions <sup>mm</sup> / <sub>in.</sub>											Bolt Size <sup>mm</sup> / <sub>inch</sub>	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	s	g	l	w	B	n				
UCSPW201	12	30.2	63	47	30		10	11	57	27.4	11.5		UCS201		0.41
UCSPW201-8	1/2												UCS201-8		0.40
UCSPW202	15					M8							UCS202	PW203	0.40
UCSPW202-9	9/16												UCS202-9		0.40
UCSPW202-10	5/8	1-3/16	2-31/64	1-27/32	1-3/16		25/64	7/16	2-1/4	1.0787	0.4528		UCS202-10		0.40
UCSPW203	17												UCS203		0.39
UCSPW203-11	11/16												UCS203-11		0.39
UCPW204	20	33.3	65	50.8	32	M8	15	14.5	64	31	12.7		UC204	PW204	0.46
UCPW204-12	3/4	1-5/16	2-9/16	2	1-17/64		19/32	37/64	2-33/64	1.2205	0.500	M8	UC204-12		
UCPW205	25	36.5	70	50.8	36		15	13	70	34.1	14.3		UC205		0.67
UCPW205-13	13/16												UC205-13		0.71
UCPW205-14	7/8	1-7/16	2-3/4	2	1-27/64	M10	9/32	33/64	2-3/4	1.3425	0.563	M10	UC205-14	PW205	0.70
UCPW205-15	15/16												UC205-15		0.68
UCPW205-16	1												UC205-16		0.67
UCPW206	30	42.9	98	76.2	40		18	16	82	38.1	15.9		UC206		1.12
UCPW206-17	1-1/16												UC206-17		1.15
UCPW206-18	1-1/8	1-11/16	3-55/64	3	1-37/64	M10	45/64	5/8	3-15/64	1.5000	0.626	M10	UC206-18	PW206	1.14
UCPW206-19	1-3/16												UC206-19		1.12
UCPW206-20	1-1/4												UC206-20		1.11
UCPW207	35	47.6	103	82.6	45		20	19	93	42.9	17.5		UC207		1.38
UCPW207-20	1-1/4												UC207-20		1.44
UCPW207-21	1-3/8	1-7/8	4-1/16	3-1/4	1-49/64	M10	25/32	3/4	3-21/32	1.6890	0.689	M10	UC207-21	PW207	1.41
UCPW207-22	1-3/8												UC207-22		1.38
UCPW207-23	1-7/16												UC207-23		1.35
UCPW208	40	49.2	116	88.9	48		20	19	99	49.2	19		UC208		1.86
UCPW208-24	1-1/2	1-15/16	4-9/16	3-1/2	1-57/64	M12	25/32	3/4	3-57/64	1.9370	0.748	M12	UC208-24	PW208	1.90
UCPW208-25	1-9/16												UC208-25		1.87
UCPW209	45	53.9	120	95.3	48		25	19	107	49.2	19		UC209		1.92
UCPW209-26	1-5/8	2-1/8	4-23/32	3-3/4	1-57/64	M12	63/64	3/4	4-7/32	1.9370	0.748	M12	UC209-26	PW209	2.02
UCPW209-27	1-11/16												UC209-27		1.98
UCPW209-28	1-3/4												UC209-28		1.94
UCPW210	50	57.2	135	101.6	54		25	22	115	51.6	19		UC210		2.24
UCPW210-29	1-13/16												UC10-29	PW210	2.36
UCPW210-30	1-7/8												UC210-30		2.31
UCPW210-31	1-15/16	2-1/4	5-5/16	4	2-1/8	M16	63/64	55/64	4-17/32	2.0315	0.748	M16	UC210-31		2.26
UCPW210-32	2												UC210-32		2.22

Flange Units



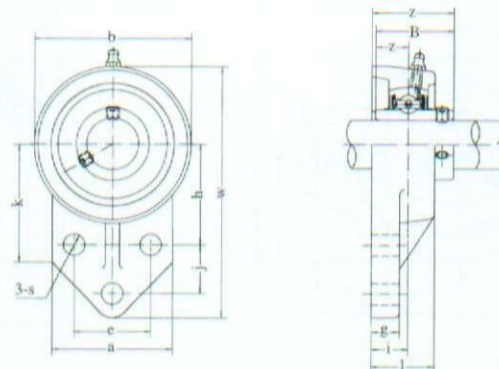
Unit No.	Dimensions <sup>mm</sup> <sub>in.</sub>													Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)	
	d	a	e	i	g	l	S	b	z	f	c	B	n					
UCFA201	12	98	78	15	12	25.5	10	60	33.3	40	50	31	12.7	M8	UC201	FA204	0.50	
UCFA201-8	1/2														UC201-8		0.49	
UCFA202	15														UC202		0.49	
UCFA202-9	9/16														UC202-9		0.49	
UCFA202-10	5/8	3-55/64	3-5/64	19/32	15/32	1	25/64	2-3/8	1-5/16	1-37/64	1-31/32	1.2205	0.500	5/16	UC202-10		0.49	
UCFA203	17														UC203		0.48	
UCFA203-11	11/16														UC203-11		0.47	
UCFA204	20														UC204		0.46	
UCFA204-12	3/4														UC204-12		0.46	
UCFA205	25	124	98	16	14	27	13	70	35.8	51	65	34.1	14.3	M10	UC205		FA205	0.66
UCFA205-13	13/16														UC205-13			0.70
UCFA205-14	7/8	4-7/8	3-55/64	5/8	35/64	1-1/16	33/64	2-3/4	1-13/32	2-1/64	2-9/16	1.3425	0.563	3/8	UC205-14			0.69
UCFA205-15	15/16														UC205-15	0.67		
UCFA205-16	1														UC205-16	0.66		
UCFA206	30	141	115	18	14	31	13	83	40.2	58	72	38.1	15.9	M10	UC206	FA206	0.93	
UCFA206-17	1-1/16														UC206-17		0.96	
UCFA206-18	1-1/8	5-35/64	4-17/32	45/64	35/64	1-7/32	33/64	3-17/64	1-19/32	2-9/32	2-27/32	1.5000	0.626	3/8	UC206-18		0.95	
UCFA206-19	1-3/16														UC206-19		0.93	
UCFA206-20	1-1/4														UC206-20		0.92	
UCFA207	35	155	128	19	16	34	15	96	44.4	66	82	42.9	17.5	M12	UC207	FA207	1.46	
UCFA207-20	1-1/4														UC207-20		1.52	
UCFA207-21	1-5/16	6-7/64	5-3/64	3/4	5/8	1-11/32	19/32	3-25/32	1-3/4	2-19/32	3-15/64	1.6890	0.689	7/16	UC207-21		1.49	
UCFA207-22	1-3/8														UC207-22		1.46	
UCFA207-23	1-7/16														UC207-23		1.43	
UCFA208	40	171	142	21	16	38	15	105	51.2	71	87	49.2	19	M12	UC208	FA208	1.78	
UCFA208-24	1-1/2	47/64	5-19/32	53/64	5/8	1-1/2	19/32	4-9/64	2-1/64	2-51/64	3-27/64	1.9370	0.748	7/16	UC208-24		1.82	
UCFA208-25	1-9/16														UC208-25		1.79	
UCFA209	45	179	146	22	18	40	17	111	52.2	72	90	49.2	19	M14	UC209	FA209	2.03	
UCFA209-26	1-5/8														UC209-26		2.13	
UCFA209-27	1-11/16	7-3/64	5-3/4	55/64	45/64	1-37/64	43/64	4-3/8	2-1/16	2-53/64	3-35/64	1.9370	0.748	1/2	UC209-27		2.09	
UCFA209-28	1-3/4														UC209-28		2.05	
UCFA210	50	189	155	22	18	40	17	116	54.6	76	94	51.6	19	M14	UC210	FA210	2.23	
UCFA210-29	1-13/16														UC210-29		2.35	
UCFA210-30	1-7/8	7-7/16	6-7/64	55/64	45/64	1-37/64	43/64	4-9/16	2-5/32	3	3-45/64	2.0315	0.748	1/2	UC210-30		2.30	
UCFA210-31	1-15/16														UC210-31		2.25	
UCFA210-32	2														UC210-32		2.21	
UCFA211	55	216	182	25	20	44	17	133	58.4	86	104	55.6	22.2	M14	UC211	FA211	3.41	
UCFA211-32	2														UC211-32		3.56	
UCFA211-33	2-1/16	8-1/2	7-11/64	63/64	25/32	1-47/64	43/64	5-51/64	2-5/16	3-25/64	4-3/32	2.1890	0.874	1/2	UC211-33		3.5	
UCFA211-34	2-1/8														UC211-34		3.45	
UCFA211-35	2-3/16														UC211-35		3.39	
UCFA212	60	240	202	29	20	48	19	140	68.7	100	118	65.1	25.4	M16	UC212	FA212	4.14	
UCFA212-36	2-1/4														UC212-36		4.27	
UCFA212-37	2-5/16	9-29/64	7-61/64	1-9/64	25/32	1-7/8	3/4	5-1/2	2-23/32	3-15/16	4-41/64	2.5630	1.000	5/8	UC212-37		4.19	
UCFA212-38	2-3/8														UC212-38		4.12	
UCFA212-39	2-7/16														UC212-39		4.05	
UCFA213	65	250	210	30	20	50	19	155	69.7	102	122	65.1	25.4	M16	UC213	FA213	5.35	
UCFA213-40	2-1/2	9-27/32	8-17/64	1-3/16	25/32	1-31/32	3/4	6-3/32	2-3/4	4-1/64	4-51/64	2.5630	1.000	5/8	UC213-40		5.44	
UCFA213-41	2-9/16														UC213-41		5.35	



FK BALL BEARING UNITS

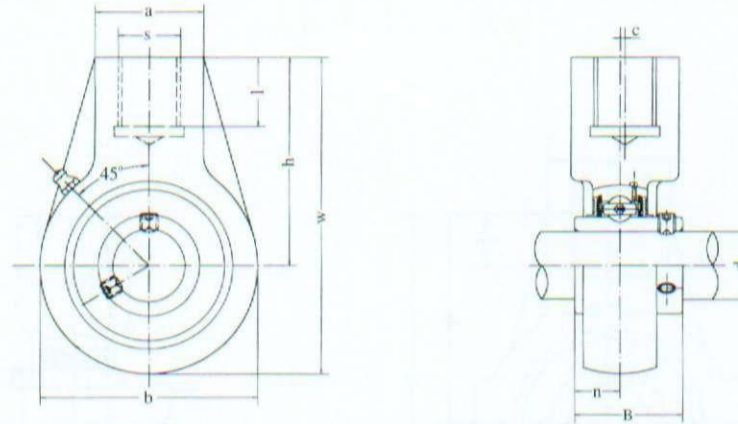
UCFB2 (Normal-duty)

Flange Units

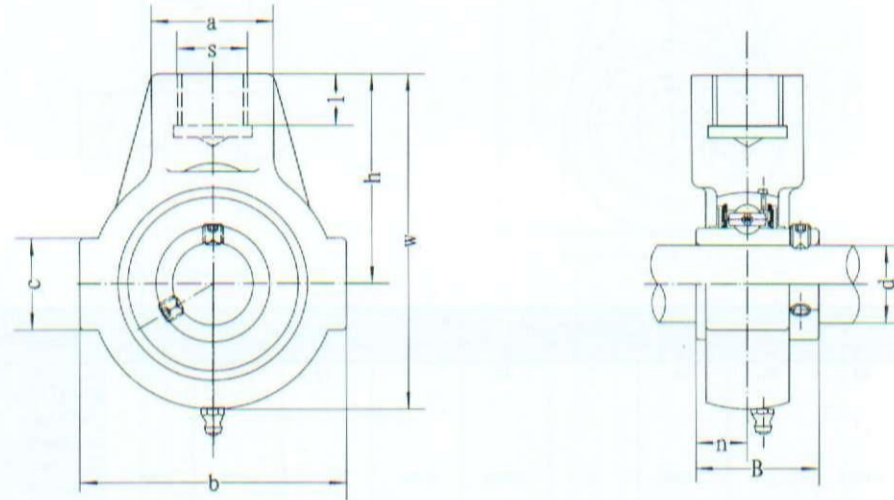


Unit No.	Dimensions mm in.															Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	w	b	k	a	l	S	g	h	J	e	i	z	B	n				
UCFB201	12	110	62	52	52	25.5	10	13	42	27	32	15	33.3	31	12.7	M8	UC201	FB204	0.58
UCFB201-8	1/2																UC201-8		0.57
UCFB202	15																UC202		0.57
UCFB202-9	9/16																UC202-9		0.57
UCFB202-10	5/8	4-11/32	2-7/16	2-1/16	2-1/16	1	25/64	1/2	1-21/32	1-1/16	1-17/64	19/32	1-5/16	1.2205	0.500	5/16	UC202-10		0.57
UCFB203	17																UC203		0.56
UCFB203-11	11/16																UC203-11		0.55
UCFB204	20																UC204		0.54
UCFB204-12	3/4																UC204-12	0.54	
UCFB205	25	116	68	52	56	27	10	13	45	27	34	16	35.8	34.1	14.3	M8	UC205	FB205	0.79
UCFB205-13	13/16																UC205-13		0.83
UCFB205-14	7/8	4-9/16	2-11/16	2-1/16	2-7/32	1-1/16	25/64	1/2	1-49/64	1-1/16	1-11/32	5/8	1-13/32	1.3425	0.563	5/16	UC205-14		0.82
UCFB205-15	15/16																UC205-15		0.80
UCFB205-16	1																UC205-16		0.79
UCFB206	30	130	78	55	65	31	10	13	50	29	40	18	40.2	38.1	15.9	M8	UC206	FB206	0.95
UCFB206-17	1-1/16																UC206-17		0.98
UCFB206-18	1-1/8	5-1/8	3-1/16	2-5/32	2-9/16	1-7/32	25/64	1/2	1-31/32	1-9/64	1-37/64	45/64	1-19/32	1.5000	0.626	5/16	UC206-18		0.97
UCFB206-19	1-3/16																UC206-19		0.95
UCFB206-20	1-1/4																UC206-20		0.94
UCFB207	35	144	90	62	70	34	10	15	55	32	46	19	44.4	42.9	17.5	M8	UC207	FB207	1.29
UCFB207-20	1-1/4																UC207-20		1.35
UCFB207-21	1-5/16	5-21/32	3-35/64	2-7/16	2-3/4	1-11/32	25/64	19/32	2-11/64	1-17/64	1-13/16	3/4	1-3/4	1.6890	0.689	5/16	UC207-21		1.32
UCFB207-22	1-3/8																UC207-22		0.29
UCFB207-23	1-7/16																UC207-23		1.26
UCFB208	40	164	100	72	78	36	12	16	60	41	50	21	51.2	49.2	19	M10	UC208	FB208	1.78
UCFB208-24	1-1/2	6-15/32	3-15/16	2-27/32	3-1/16	1-13/32	15/32	5/8	2-23/64	1-39/64	1-31/32	53/64	2-1/64	1.9370	0.748	3/8	UC208-24		1.82
UCFB208-25	1-9/16																UC208-25		1.79
UCFB209	45	174	106	76	80	38	12	18	65	43	54	22	52.2	49.2	19	M10	UC209	FB209	1.91
UCFB209-26	1-5/8																UC209-26		2.01
UCFB209-27	1-11/16	6-27/32	4-3/16	3	3-5/32	1-1/2	15/32	23/32	2-9/16	1-11/16	2-1/8	55/64	2-1/16	1.9370	0.748	3/8	UC209-27		1.97
UCFB209-28	1-3/4																UC209-28		1.93
UCFB210	50	184	112	82	86	40	12	18	68	46	58	22	54.6	51.6	19	M10	UC210	FB210	2.36
UCFB210-29	1-13/16																UC210-29		2.48
UCFB210-30	1-7/8	7-1/4	4-13/32	3-7/32	3-3/8	1-37/64	15/32	23/32	2-43/64	1-13/16	2-9/32	55/64	2-5/32	2.0315	0.748	3/8	UC210-30		2.43
UCFB210-31	1-15/16																UC210-31		2.38
UCFB210-32	2																UC210-32		2.34
UCFB211	55	207	130	86	90	43	14	18	78	50	62	25	58.4	55.6	22.2	M12	UC211	FB211	3.15
UCFB211-32	2																UC211-32		3.31
UCFB211-33	2-1/16	8-5/32	5-1/8	3-25/64	3-35/64	1-11/16	35/64	45/64	3-5/64	1-31/32	2-7/16	63/64	2-5/16	2.1890	0.874	7/16	UC211-33		3.25
UCFB211-34	2-1/8																UC211-34		3.20
UCFB211-35	2-3/16																UC211-35		3.14
UCFB212	60	223	140	90	94	48	14	18	84	55	66	29	68.7	65.1	25.4	M12	UC212	FB212	3.99
UCFB212-36	2-1/4																UC212-36		4.12
UCFB212-37	2-5/16	8-25/32	5-1/2	3-35/64	3-45/64	1-7/8	35/64	45/64	3-5/16	2-11/64	2-19/32	1-9/64	2-23/32	2.5630	1.000	7/16	UC212-37		4.04
UCFB212-38	2-3/8																UC212-38		3.97
UCFB212-39	2-7/16																UC212-39		3.90
UCFB213	65	244	155	94	100	50	14	20	92	60	70	30	69.7	65.1	25.4	M12	UC213	FB213	5.21
UCFB213-40	2-1/2	9-39/64	6-7/64	3-45/64	3-15/16	1-31/32	35/64	25/32	3-5/8	2-23/64	2-3/4	1-3/16	2-3/4	2.5630	1.000	7/16	UC213-40		5.3
UCFB213-41	2-9/16																UC213-41		5.21

**Screw Conveyor Hanger Units**



Unit No.	Dimensions <sup>mm</sup> <sub>in.</sub>										Bearing No.	Housing No.	Weight (kg)	
	d	h	w	b	c	a	S	I	B	n				
UCHA201	12	64	96	64	0	40		19	31	12.7	UC201	HA204	0.73	
UCHA201-8	1/2										UC201-8		0.72	
UCHA202	15										UC202		0.72	
UCHA202-9	9/16										UC202-9		0.72	
UCHA202-10	5/8	2-33/64	3-25/32	2-33/64	0	1-37/64	G-3/4	3/4	1.2205	0.500	UC202-10		0.72	
UCHA203	17										UC203		0.71	
UCHA203-11	11/16										UC203-11		0.70	
UCHA204	20										UC204		0.69	
UCHA204-12	3/4										UC204-12		0.69	
UCHA205	25	64	103	78	0	40		19	34.1	14.3	UC205		HA205	0.83
UCHA205-13	13/16										UC205-13			0.87
UCHA205-14	7/8	2-33/64	4-1/16	3-5/64	0	1-37/64	G-3/4	3/4	1.3425	0.563	UC205-14			0.86
UCHA205-15	15/16										UC205-15	0.84		
UCHA205-16	1										UC205-16	0.83		
UCHA206	30	64	103	78	0	40		19	38.1	15.9	UC206	HA206		0.83
UCHA206-17	1-1/16										UC206-17		0.86	
UCHA206-18	1-1/8	2-33/64	4-1/16	3-5/64	0	1-37/64	G-3/4	3/4	1.5000	0.626	UC206-18		0.85	
UCHA206-19	1-3/16										UC206-19		0.83	
UCHA206-20	1-1/4										UC206-20		0.82	
UCHA207	35	70	116	92	0	40		19	42.9	17.5	UC207		HA207	1.16
UCHA207-20	1-1/4										UC207-20	1.22		
UCHA207-21	1-5/16	2-3/4	4-9/16	3-5/8	0	1-37/64	G-3/4	3/4	1.6890	0.689	UC207-21	1.19		
UCHA207-22	1-3/8										UC207-22	1.16		
UCHA207-23	1-7/16										UC207-23	1.13		
UCHA208	40	73	121	96	2	40		19	49.2	19	UC208	HA208		1.32
UCHA208-24	1-1/2	2-7/8	4-49/64	3-25/32	5/64	1-37/64	G-3/4	3/4	1.9370	0.748	UC208-24		1.36	
UCHA208-25	1-9/16										UC208-25		1.33	
UCHA209	45	82	136	108	5	48		21	49.2	19	UC209	HA209	1.92	
UCHA209-26	1-5/8										UC209-26		2.02	
UCHA209-27	1-11/16	3-15/64	5-23/64	4-1/4	13/64	1-57/64	G-1	53/64	1.9370	0.748	UC209-27		1.98	
UCHA209-28	1-3/4										UC209-28		1.94	
UCHA210	50	83	142	118	5	48		21	51.6	19	UC210	HA210	1.90	
UCHA210-29	1-13/16										UC210-29		2.02	
UCHA210-30	1-7/8	3-17/64	5-19/32	4-41/64	13/64	1-57/64	G1	53/64	2.0315	0.748	UC210-30		1.97	
UCHA210-31	2										UC210-31		1.92	
UCHA210-32	1-15/16										UC210-32		1.88	
UCHA211	55	87	150	126	7	60		25	55.6	22.2	UC211	HA211	2.61	
UCHA211-32	2										UC211-32		2.76	
UCHA211-33	2-1/16	3-27/64	5-29/32	4-61/64	9/32	2-23/64	G1-1/4	63/64	2.1890	0.874	UC211-33		2.70	
UCHA211-34	2-1/8										UC211-34		2.65	
UCHA211-35	2-3/16										UC211-35		2.59	
UCHA212	60	102	173	142	9	60		28	65.1	25.4	UC212	HA212	3.54	
UCHA212-36	2-1/4										UC212-36		3.67	
UCHA212-37	2-5/16	4-1/64	6-13/16	5-19/32	23/64	2-23/64	G1-1/4	1-7/64	2.5630	1.000	UC212-37		3.59	
UCHA212-38	2-3/8										UC212-38		3.52	
UCHA212-39											UC212-39		3.45	
UCHA213	65	117	200	166	9.5	70		32	65.1	25.4	UC213	HA213	5.80	
UCHA213-40	2-1/2	4-39/64	7-7/8	6-17/32	3/8	2-3/4	G1-1/2	1-17/64	2.5630	1.000	UC213-40		5.89	
UCHA213-41	2-9/16										UC213-41		5.80	
UCHA214	70	117	200	166	9.5	70		32	74.6	30.2	UC214	HA214	5.67	
UCHA214-42	2-5/8										UC214-42			
UCHA214-43	2-11/16	4-39/64	7-7/8	6-17/32	3/8	2-3/4	G1-1/2	1-17/64	2.9370	1.189	UC214-43			
UCHA214-44	2-3/4										UC214-44			
UCHA215	75	117	200	166	9.5	70		32	77.8	33.3	UC215	HA215	5.58	
UCHA215-45	2-13/16										UC215-45			
UCHA215-46	2-7/8	4-39/64	7-7/8	6-17/32	3/8	2-3/4	G1-1/2	1-17/64	3.0630	1.311	UC215-46			
UCHA215-47	2-15/16										UC215-47			
UCHA215-48	3										UC215-48			



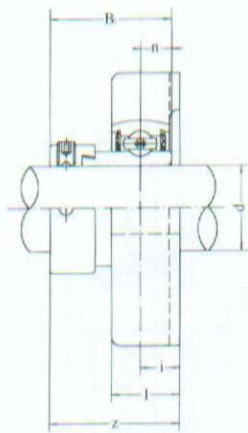
Unit No.	Dimensions <sup>mm</sup> <sub>in.</sub>										Bearing No.	Housing No.	Weight (kg)
	d	h	w	b	c	a	s	l	B	n			
UCHE201	12	58	91	65	38	30		21	31	12.7	UC201		0.61
UCHE201-8	1/2										UC201-8		0.60
UCHE202	15										UC202		0.60
UCHE202-9	9/16										UC202-9		0.60
UCHE202-10	5/8	2-9/32	3-37/64	2-9/16	1-1/2	1-3/16	M16	53/64	1.2205	0.5000	UC202-10	HE204	0.60
UCHE203	17										UC203		0.59
UCHE203-11	11-16										UC203-11		0.58
UCHE204	20										UC204		0.57
UCHE204-12	3/4										UC204-12		0.57
UCHE205	25	64	99	70	38	35		22	34.1	14.3	UC205		0.72
UCHE205-13	13/16										UC205-13		0.76
UCHE205-14	7/8	2-33/64	3-57/64	2-3/4	1-1/2	1-3/8	M20	55/64	1.3425	0.583	UC205-14	HE205	0.75
UCHE205-15	15/16										UC205-15		0.73
UCHE205-16	1										UC205-16		0.72
UCHE206	30	72	114	85	40	40		24	38.1	15.9	UC206		1.12
UCHE206-17	1-1/16										UC206-17		1.13
UCHE206-18	1-1/8	2-53/64	4-31/64	3-11/32	1-37/64	1-37/64	M24	15/16	1.5000	0.626	UC206-18	HE206	1.14
UCHE206-19	1-3/16										UC206-19		1.12
UCHE206-20	1-1/4										UC206-20		1.11
UCHE207	35	76	122	90	40	40		24	42.9	17.5	UC207		1.25
UCHE207-20	1-1/4										UC207-20		1.31
UCHE207-21	1-5/16	3	4-51/16	3-35/64	1-37/64	1-37/64	M24	15/16	1.6890	0.689	UC207-21	HE207	1.28
UCHE207-22	1-3/16										UC207-22		1.25
UCHE207-23	1-1/4										UC207-23		1.22
UCHE208	40	85	135	100	45	40		24	49.2	19	UC208		1.61
UCHE208-24	1-1/2										UC208-24	HE208	1.65
UCHE208-25	1-9/16	3-11/32	5-5/16	3-15/16	1-25/32	1-37/64	M24	15/16	1.9370	0.748	UC208-25		1.62
UCHE209	45								49.2	19	UC209		2.04
UCHE209-26	1-5/8										UC209-26	HE209	2.14
UCHE209-27	1-11/16	90	145	110	46	40		24	1.9370	0.748	UC209-27		2.10
UCHE209-28	1-3/4										UC209-28		2.06
UCHE210	50						M24				UC210		1.91
UCHE210-29	1-13/16	3-35/64	5-45/64	4-21/64	1-13/16	1-37/64		15/16	51.6	19	UC210-29	HE210	2.03
UCHE210-30	1-7/8										UC210-30		1.98
UCHE210-31	1-15/16								2.0315	0.748	UC210-31		1.93
UCHE210-32	2										UC210-32		2.01

**SAFD2**  
(SA2-Fitted)

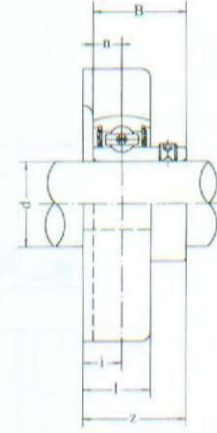
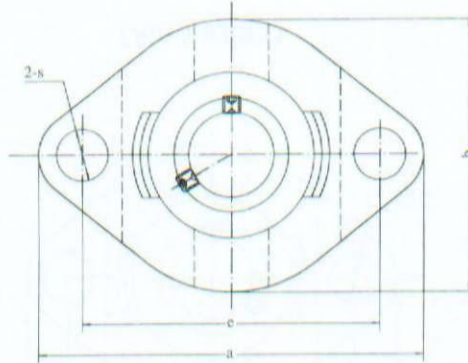
**Flange Unit**

**SBFD2**  
(SB2-Fitted)

(Light duty)



**SAFD**



**SBFD**

Unit No.	Dimensions mm In.								Bearing Size mm Inch.	SAFD			Weight (kg)	SBFD			Bearing No.	Weight (kg)	Housing No.
	d	a	e	b	l	s	l	z		B <sub>1</sub>	n	Bearing No.		z	B	n			
<b>SAFD</b> <b>SBFD</b> 201	12	81	63	59	8.5	7	15	M6	30.6	28.6	6.5	SA201	24	22	6	SB201			
201-8	1/2											SA201-8				SB201-8			
202	15											SA202				SB202			
202-9	9/16	3-3/16	2-31/64	2-21/64	21/64	9/32	19/32	1/4	1-13/64	1.1260	0.2559	SA202-9	0.3	61/64	0.8661	0.2362	SB202-9	0.3	FD203
202-10	5/8											SA202-10				SB202-10			
203	17											SA203				SB203			
203-11	11/16											SA203-11				SB203-11			
<b>SAFD</b> <b>SBFD</b> 204	20	90	71	67	9.5	10	17	M8	33	31	7.5	SA204		27.5	25	7	SB204		
204-12	3/4	3-35/64	2-51/64	2-41/64	3/8	25/64	43/64	5/16	1-19/64	1.2204	0.2953	SA204-12	0.5	1-5/64	0.9843	0.2756	SB204-12	0.4	FD204
<b>SAFD</b> <b>SBFD</b> 205	25	95	76	71	9.5	10	17	M8	33	31	7.5	SA205		29	27	7.5	SB205		
205-13	13/16											SA205-13				SB205-13			
205-14	7/8	3-3/4	2-63/64	2-51/64	3/8	25/64	43/64	5/16	1-19/64	1.2204	0.2953	SA205-14	0.5	1-9/64	1.0630	0.2953	SB205-14	0.5	FD205
205-15	15/16											SA205-15				SB205-15			
205-16	1											SA205-16				SB205-16			
<b>SAFD</b> <b>SBFD</b> 206	30	113	90	84	12	12	21	M10	38.7	35.7	9	SA206		34	30	8	SB206		
206-17	1-1/16											SA206-17				SB206-17			
206-18	1-1/8	4-7/16	3-35/64	3-5/16	15/32	15/32	53/64	3/8	1-17/32	1.4055	0.3543	SA206-18	0.8	1-11/32	1.1811	0.3150	SB206-18	0.8	FD206
206-19	1-3/16											SA206-19				SB206-19			
206-20	1-1/4											SA206-20				SB206-20			
<b>SAFD</b> <b>SBFD</b> 207	35	125	100	94	12.5	12	22	M10	41.9	38.9	9.5	SA207		36	32	8.5	SB207		
207-20	1-1/4											SA207-20				SB207-20			
207-21	1-5/16	4-59/64	3-15/16	3-45/64	1/2	15/32	7/8	3/8	1-21/32	1.5315	0.3740	SA207-21	1.0	1-27/64	1.2598	0.3346	SB207-21	0.9	FD207
207-22	1-3/8											SA207-22				SB207-22			
207-23	1-7/16											SA207-23				SB207-23			

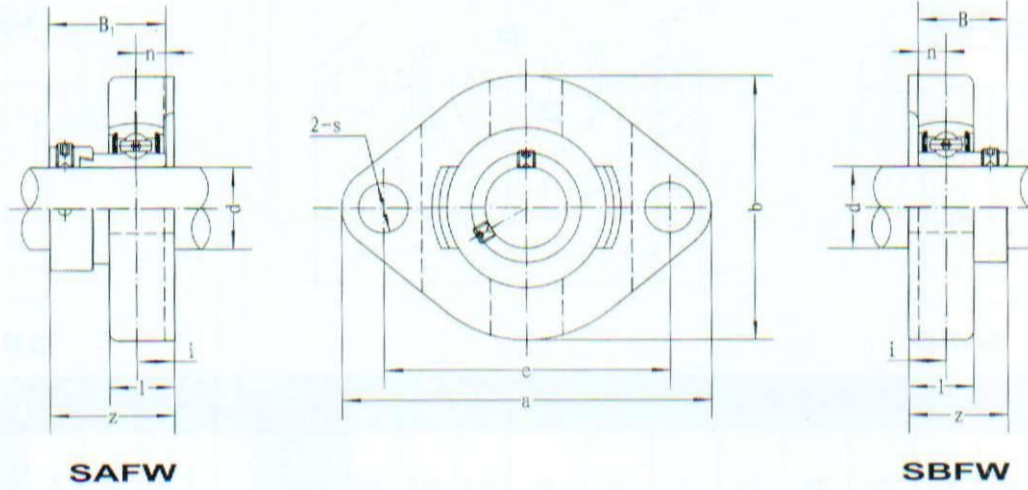


**SAFW2**  
(SA-2 Fitted)

**Flange Unit**

**SBFW2**  
(SB-2 Fitted)

(Light duty)



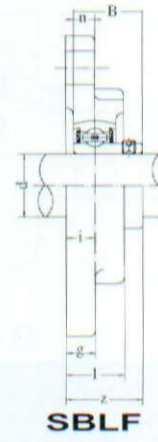
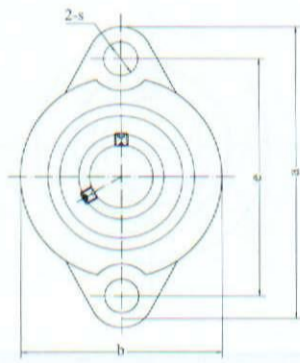
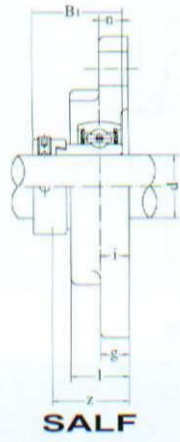
Unit No.	Dimensions <sup>mm</sup>								Bolt Size mm inch	SAFW2				SBFW2				Housing No.		
	d	a	e	b	l	s	l	z		B <sub>1</sub>	n	Bearing No.	Weight (kg)	z	B	n	Bearing No.		Weight (kg)	
SAFW SBFW	201	12	81	63.5	58.7	8.5	7	15	M6	30.6	28.6	6.5	SA201		24.5	22	6	SB201		FW203
	201-8	1/2											SA201-8					SB201-8		
	202	15											SA202					SB202		
	202-9	9/16	3-3/16	2-1/2	2-5/16	21/64	9/32	19/32	1/2	1-13/64	1.1260	0.2559	SA202-9	0.3	31/32	0.8661	0.2362	SB202-9	0.3	
	202-10	5/8											SA202-10					SB202-10		
	203	17											SA203					SB203		
	203-11	11/16											SA203-11					SB203-11		
SAFW SBFW	204	20	90.5	71.4	66.5	9.5	9	17	M8	33	31	7.5	SA204		27.5	25	7	SB204		FW204
	204-12	3/4	3-9/16	2-13/16	2-5/8	3/8	23/64	5/16	5-16	1-19/64	1.2204	0.2953	SA204-12	0.5	1-5/64	0.9843	0.2756	SB204-12	0.4	
SAFW SBFW	205	25	97	76.2	71	9.5	9	17.5	M8	33	31	7.5	SA205		29	27	7.5	SB205		FW205
	205-13	13/16											SA205-13					SB205-13		
	205-14	7/8	3-13/16	3	2-51/64	3/8	23/64	11/16	5-16	1-19/64	1.2204	0.2953	SA205-14	0.5	1-9/64	1.0630	0.2953	SB205-14	0.5	
	205-15	15/16											SA205-15					SB205-15		
	205-16	1											SA205-16					SB205-16		
SAFW SBFW	206	30	112.5	90.5	84	11.5	11.5	20.5	M10	38.2	35.7	9	SA206		33.5	30	8	SB206		FW206
	206-17	1-1/16											SA206-17					SB206-17		
	206-18	1-1/8	4-7/16	3-9/16	3-5/16	29/64	13/16	3/8	3/8	1-1/2	1.4055	0.3543	SA206-18	0.8	1-5/16	1.1811	0.3150	SB206-18	0.8	
	206-19	1-3/16											SA206-19					SB206-19		
	206-20	1-1/4											SA206-20					SB206-20		
SAFW SBFW	207	35	126	100	94	12.5	11.5	22	M10	41.9	38.9	9.5	SA207		36	32	8.5	SB207		FW207
	207-20	1-1/4											SA207-20					SB207-20		
	207-21	1-5/16	4-61/64	3-15/16	3-45/64	1/2	59/64	7/8	3/8	1-21/32	1.5315	0.3740	SA207-21	1.0	1-27/64	1.2598	0.3364	SB207-21	0.9	
	207-22	1-3/8											SA207-22					SB207-22		
	207-23	1-7/16											SA207-23					SB207-23		
SAFW SBFW	208	40	150	119	100	14.5	14	24	M12	47.2	43.7	11	SA208		39.5	34	9	SB208		FW208
	208-24	1-1/2	5-29/32	4-11/16	3-15/16	9/16	35/64	15/16	1/2	1-55/64	1.7205	0.4331	SA208-24	1.4	1-9/16	1.3386	0.3543	SB208-24	1.4	
	208-25	1-9/16											SA208-25					SB208-25		

**SALF2**  
(SA2-Fitted)

**Flange Unit**

**SBLF2**  
(SB2-Fitted)

(Light duty)



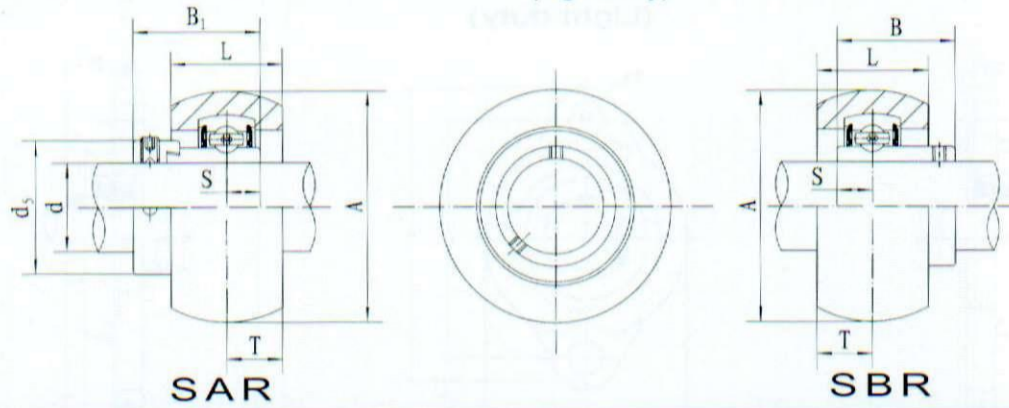
Unit No.	Dimensions mm In.								Bearing Size mm inch	SALF			SBLF			Housing No.				
	d	a	e	b	i	s	q	j		z	B <sub>1</sub>	n	Bearing No.	Weight (kg)	z		B	n	Bearing No.	Weight (kg)
SALF SBLF 201	12	81	63.5	56	9.5	8	9.5	18	M6	31.6	28.6	6.5	SA201		25.5	22	6	SB201		
201-8	1/2												SA201-8					SB201-8		
202	15												SA202					SB202		
202-9	9/16	3-3/16	2-1/2	2-13/64	3/8	5/16	3/8	45/64	1/4	1-1/4	1.1260	0.2559	SA202-9	0.3	1	0.8661	0.2362	SB202-9	0.3	LF203
202-10	5/8												SA202-10					SB202-10		
203	17												SA203					SB203		
203-11	11/16												SA203-11					SB203-11		
SALF SBLF 204	20	90	71.5	61	11	10	11	20	M8	34.5	31	7.5	SA204		29	25	7	SB204		
204-12	3/4	3-35/64	2-13/16	2-13/32	7/16	25/64	7/16	25/32	5/16	1-23/64	1.2204	0.2953	SA204-12	0.4	1-9/64	0.9643	0.2756	SB204-12	0.3	LF204
SALF SBLF 205	25	95	76	64	11	10	11	20	M8	34.5	31	7.5	SA205		30.5	27	7.5	SB205		
205-13	13/16												SA205-13					SB205-13		
205-14	7/8	3-3/4	2-63/64	2-33/64	7/16	25/64	7/16	25/32	5/16	1-23/64	1.2204	0.2953	SA205-14	0.5	1-13/64	1.0630	0.2953	SB205-14	0.4	LF205
205-15	15/16												SA205-15					SB205-15		
205-16	1												SA205-16					SB205-16		
SALF SBLF 206	30	113	90.5	76	12	12	12	22.5	M10	38.7	35.7	9	SA206		34	30	8	SB206		
206-17	1-1/16												SA206-17					SB206-17		
206-18	1-1/8	4-7/16	3-9/16	3	15/32	15/32	15/32	57/64	3/8	1-33/64	1.4055	0.3543	SA206-18	0.7	1-11/32	1.1811	0.3150	SB206-18	0.6	LF206
206-19	1-3/16												SA206-19					SB206-19		
206-20	1-1/4												SA206-20					SB206-20		
SALF SBLF 207	35	122	100	89	13	12	13	24	M10	42.4	38.9	9.5	SA207		36.5	32	8.5	SB207		
207-20	1-1/4												SA207-20					SB207-20		
207-21	1-5/16	4-13/16	3-15/16	3-1/2	33/64	15/32	33/64	61/64	3/8	1-43/64	1.5315	0.3740	SA207-21	0.9	1-7/16	1.2598	0.3346	SB207-21	0.8	LF207
207-22	1-3/8												SA207-22					SB207-22		
207-23	1-7/16												SA207-23					SB207-23		



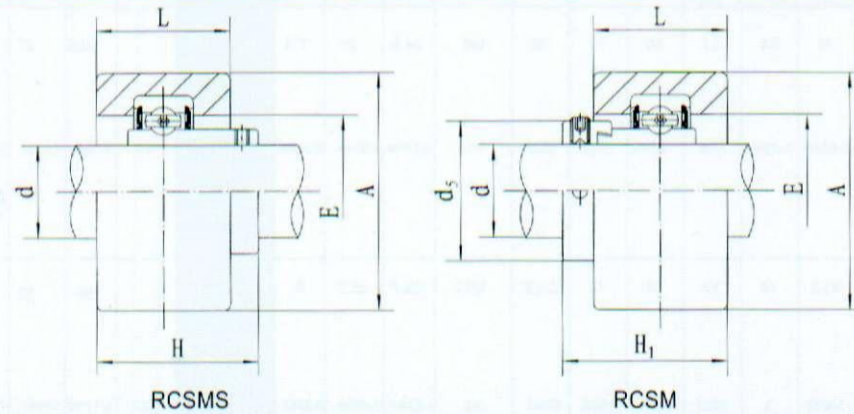
**SAR2**  
(SA2-Fitted)

**Rubber Mounted Cartridge Units**  
(Light-duty)

**SBR2**  
(SB2-Fitted)



Unit NO.	Dimensions <sup>mm</sup> / <sub>in.</sub>				SAR					SBR				Rubber Ring NO.								
	d	A	L	T	B <sub>1</sub>	S	d <sub>s</sub>	Bearing NO.	Weight (Kg)	B	S	Bearing NO.	Weight (Kg)									
SAR 201-8	1/2	1-7/8	11/16	11/32	1.1260	0.2559	1-1/8	SA201-8	0.16	0.8661	0.2362	SB201-8	0.11	R-4								
SBR 202-10	5/8	47.6	17.4	8.7	28.6	6.5	28.6	SA202-10		22	6	SB202-10										
SAR 204-12	3/4	2-1/16	11/16	11/32	1.2205	0.2953	1-5/16	SA204-12	0.17	0.9843	0.2756	SB204-12	0.16	R-5								
SBR 205-14	7/8	2-29/64	25/32	13/32	1.2205	0.2953	1-1/2	SA205-14		25	7	SB205-14										
SBR 205-15	15/16	62.4	19.8	10.3	31	7.5	38.1	SA205-15	0.22	1.0630	0.2953	SB205-15	0.19	R-6								
SBR 205-16	1							SA205-16				SB205-16										
SAR 206-17	1-1/16	2-27/32	13/16	13/32	1.4055	0.3543	1-3/4	SA206-17				0.36			1.1811	0.3150	SB206-17	0.44	R-7			
SBR 206-18	1-1/8							SA206-18	SB206-18													
SBR 206-19	1-3/16							72.4	20.6	10.3	35.7		9	44.5			SA206-19			30	8	SB206-19
SBR 206-20	1-1/4							SA206-20	SB206-20													

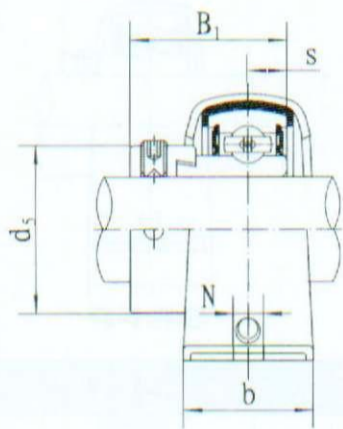


UnitNo.		Dimensions <sup>mm</sup> / <sub>inch</sub>							Bearing NO.		Rubber Ring NO.	Weight Kg	
Locking collar Type	Set Screw Type	d	A	L	E	H <sub>1</sub>	H	d <sub>s</sub>	RCSM	RCSMS		RCSM	RCSMS
RCSM201-8	RCSMS201-8	1/2	2-17/32	1	1-3/8	1-3/8	1-9/64	1-3/8	CSA201-8	CSB201-8	RC-3	0.2	0.16
RCSM202-10	RCSMS202-10	5/8	64.3	25.4	34.9	34.9	29	28.6	CSA202-10	CSB202-10			
RCSM204-12	RCSMS204-12	3/4	2-17/32	1	1-9/16	1-27/64	1-7/32	1-5/16	CSA204-12	CSB204-12	RC-4	0.24	0.22
RCSM205-14	RCSMS205-14	7/8	2-17/32	1	1-25/32	1-27/61	1-9/32	1-1/2	CSA205-14	CSB205-14	RC-5	0.26	0.24
RCSM205-15	RCSMS205-15	15/16	64.3	25.4	45.2	36.1	32.5	38.1	CSA205-15	CSB205-15			
RCSM205-16	RCSMS205-16	1							CSA205-16	CSB205-16			

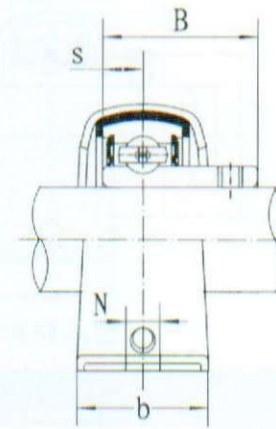
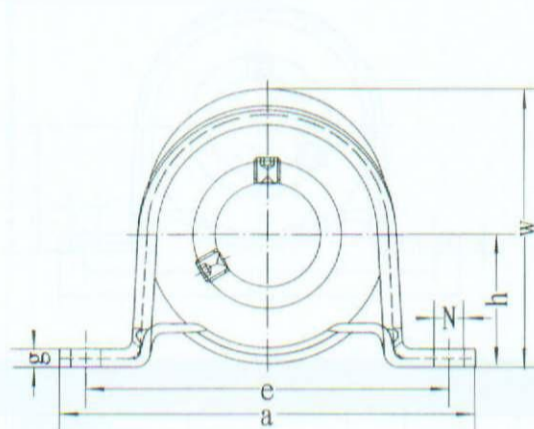
**SAPR2**  
(SA2-Fitted)

**Rubber Mounted Cartridge Units**  
(Light-duty)

**SBPR2**  
(SB2-Fitted)



SAPR



SBPR

Unit NO.	Dimensions <small>mm in</small>										SAPR		SBPR		Bolt Used <small>mm in</small>	Housing NO.	Rubber Ring NO.	Weight (Kg)	
	d	h	a	e	b	N	g	w	B <sub>1</sub>	s	d <sub>s</sub>	Bearing NO.	B	s					Bearing NO.
SAPR SBPR 201-8 202-10	1/2 5/8	1 25.4	3-55/64 98	2-63/64 76	1-17/64 32	3/8 9.5	1/8 3.2	1-63/64 50.5	1.1260 28.6	0.256 6.5	1-1/8 38.6	SA201-8 202-10	0.8661 22	0.236 6	SB201-8 202-10	5/16 M8	PP204	R-4	0.17
SAPR SBPR 204-12	3/4	1-1/8 28.6	4-1/4 108	3-25/64 86	1-17/64 32	29/64 11.5	5/32 4	2-15/64 56.6	1.2205 31	0.295 7.5	1-5/16 33.3	SA204-12	0.9843 25	0.275 7	SB204-12	3/8 M10	PP205	R-5	0.24
SAPR SBPR 205-14 205-15 205-16	7/8 15/16 1	1-5/16 33.3	4-39/64 117	3-47/64 95	1-1/2 38	29/64 11.5	5/32 4	2-39/64 66.3	1.2205 31	0.295 7.5	1-1/2 38.1	SA205-14 205-15 205-16	1.0630 27	0.295 7.5	SB205-14 206-15 206-16	3/8 M10	PP206	R-6	0.35
SAPR SBPR 206-18 206-19 206-20	1-1/8 1-3/16 1-1/4	1-9/16 39.7	5-5/64 129	4-11/64 106	1-21/32 42	29/64 11.5	3/16 4.6	3-5/64 78	1.4055 35.7	0.354 9	1-3/4 44.5	SA206-18 206-19 206-20	1.1811 30	0.315 8	SB206-18 206-19 206-20	3/8 M10	PP207	R-7	0.48

Note: "Snap-Together" housings available upon request-add "ST" suffix.

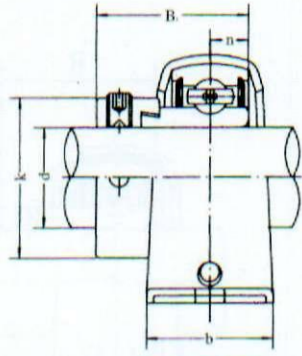


FK BALL BEARING UNITS

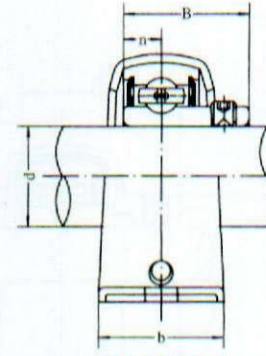
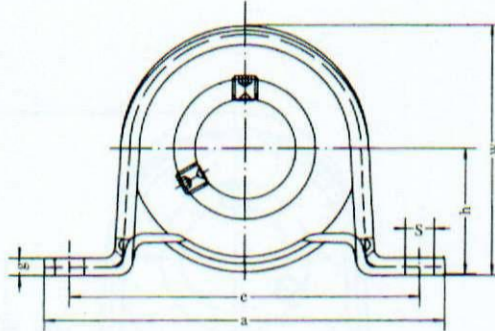
**SAPP2**  
(SA2-Fitted)

**Pressed Housing Pillow Blocks**  
(Light-duty)

**SBPP2**  
(SB2-Fitted)



**SAPP**



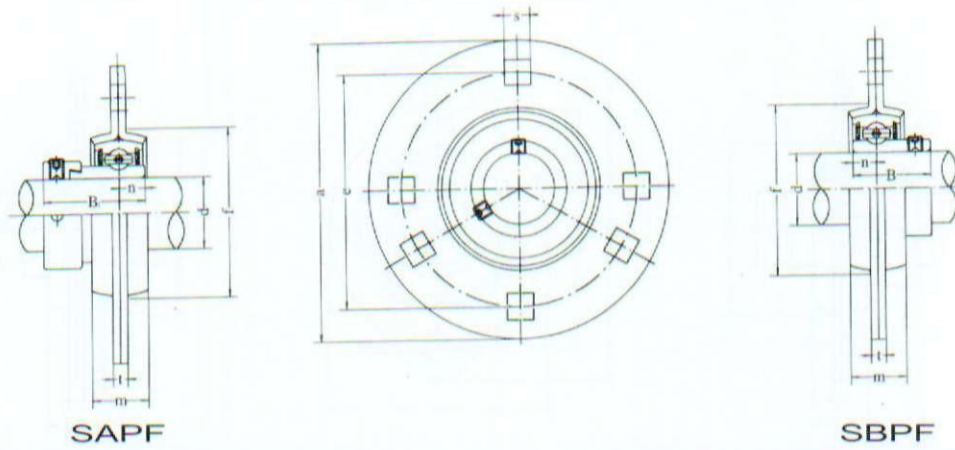
**SBPP**

Unit No.	Dimensions								Bolt used mm in.	SAPP			SBPP			Housing No.		
	d	h	a	e	b	s	g	w		B.	n	Bearing No.	Weight (kg)	B	n		Bearing No.	Weight (kg)
<b>SAPP</b> <b>SBPP</b> 201-8	12	22.2	86	68	25	9.5	3.2	43.8	M8	28.6	6.5	SA201		22	6	SB201		PP203
202	15											SA202				SB202		
202-9	9/16	7/8	3-3/8	2-43/64	63/64	3/8	0.126	1-23/32	5/16	1.1260	0.2559	SA202-9	0.19	0.8661	0.2362	SB202-9	0.16	
202-10	5/8											SA202-10				SB202-10		
203	17											SA203				SB203		
203-11	11/16											SA203-11				SB203-11		
<b>SAPP</b> <b>SBPP</b> 204-12	20	25.4	98	76	32	9.5	3.2	50.5	M8	31	7.5	SA204		25	7	SB204		PP204
	3/4	1	3-27/32	2-63/64	1-1/4	3/8	0.126	1-63/64	5/16	1.2204	0.2953	SA204-12	0.23	0.9843	0.2756	SB204-12	0.23	
<b>SAPP</b> <b>SBPP</b> 205-13	25	28.6	108	86	32	11.5	4	56.6	M10	31	7.5	SA205		27	7.5	SB205		PP205
205-14	13/16											SA205-13				SB205-13		
205-15	7/8	1-1/8	4-1/4	3-25/64	1-1/4	29/64	0.157	2-15/64	3/8	1.2204	0.2953	SA205-14	0.32	1.0630	0.2953	SB205-14	0.28	
205-16	15/16											SA205-15				SB205-15		
	1											SA205-16				SB205-16		
<b>SAPP</b> <b>SBPP</b> 206-17	30	33.3	117	95	38	11.5	4	66.3	M10	35.7	9	SA206		30	8	SB206		PP206
206-18	1-1/16											SA206-17				SB206-17		
206-19	1-1/8	1-5/16	4-39/64	3-47/64	1-1/2	29/64	0.157	2-39/64	3/8	1.4055	0.3543	SA206-18	0.50	1.1811	0.3150	SB206-18	0.47	
206-20	1-3/16											SA206-19				SB206-19		
	1-1/4											SA206-20				SB206-20		
<b>SAPP</b> <b>SBPP</b> 207-20	35	39.7	129	106	42	11.5	4.6	78	M10	38.9	9.5	SA207		32	8.5	SB207		PP207
207-21	1-1/4											SA207-20				SB207-20		
207-22	1-5/16	1-9/16	5-5/64	4-5/32	1-21/32	29/64	0.181	3-1/8	3/8	1.5315	0.3740	SA207-21	0.71	1.2598	0.3346	SB207-21	0.57	
207-23	1-3/8											SA207-22				SB207-22		
	1-7/16											SA207-23				SB207-23		

**SAPF2**  
(SA2-Fitted)

**Pressed Housing Flange Units**  
(Light-duty)

**SBPF2**  
(SB2-Fitted)



Unit No.	Dimensions <small>mm In.</small>								Bolt used <small>mm In.</small>	SAPF				SBPF				Housing No.
	d	a	e	m	s <sup>o</sup>	t	f (min)	B <sub>1</sub>		n	Bearing No.	Weight (kg)	B	n	Bearing No.	Weight (kg)		
SAPF SBPF 201	12	81	63.5	14	7.1	4	49	M6	28.6	6.5	SA201		22	6	SB201		PF203	
201-8	1/2										SA201-8				SB201-8			
202	15										SA202				SB202			
202-9	9/16	3-3/16	2-1/2	9/16	9/32	0.157	1-59/64	1/4	1.1260	0.2559	SA202-9	0.3	0.8661	0.2362	SB202-9	0.27		
202-10	5/8										SA202-10				SB202-10			
203	17										SA203				SB203			
203-11	11/16										SA203-11				SB203-11			
SAPF SBPF 204	20	90	71.5	16	9	4	56	M8	31	7.5	SA204		25	7	SB204	0.33	PF204	
204-12	3/4	3-35/64	2-13/16	5/8	23/64	0.157	2-13/64	5/16	1.2204	0.2953	SA204-12	0.33	0.9843	0.2756	SB204-12			
SAPF SBPF 205	25	95	76	18	9	4	60	M8	31	7.5	SA205		27	7.5	SB205		PF205	
205-13	13/16										SA205-13				SB205-13	0.38		
205-14	7/8	3-3/4	2-63/64	23/32	23/64	0.157	2-23/64	5/16	1.2204	0.2953	SA205-14	0.42	1.0630	0.2953	SB205-14			
205-15	15/16										SA205-15				SB205-15			
205-16	1										SA205-16				SB205-16			
SAPF SBPF 206	30	113	90.5	18	11	5.2	71	M10	35.7	9	SA206		30	8	SB206		PF206	
206-17	1-1/16										SA206-17				SB206-17			
206-18	1-1/8	4-7/16	3-9/16	23/32	7/16	0.205	2-51/64	3/8	1.4055	0.3543	SA206-18	0.65	1.1811	0.3150	SB206-18	0.62		
206-19	1-3/16										SA206-19				SB206-19			
206-20	1-1/4										SA206-20				SB206-20			
SAPF SBPF 207	35	122	100	20	11	5.2	81	M10	38.9	9.5	SA207		32	8.5	SB207		PF207	
207-20	1-1/4										SA207-20				SB207-20	0.82		
207-21	1-5/16	4-13/16	3-15/16	25/32	7/16	0.205	3-3/16	3/8	1.5315	0.3740	SA207-21	0.9	1.2598	0.3346	SB207-21			
207-22	1-3/8										SA207-22				SB207-22			
207-23	1-7/16										SA207-23				SB207-23			
SAPF SBPF 208	40	148	119	21	13.5	6.8	91	M12	43.7	11	SA208		34	9	SB208	1.1	PF208	
208-24	1-1/2	5-13/16	4-11/16	13/16	17/32	0.268	3-37/64	1/2	1.7205	0.4331	SA208-24	1.15	1.3386	0.3543	SB208-24			
208-25	1-9/16										SA208-25				SB208-25			

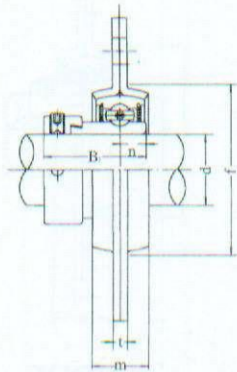
\*Note: PF208 with 4 bolt-hole



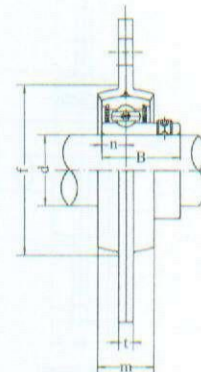
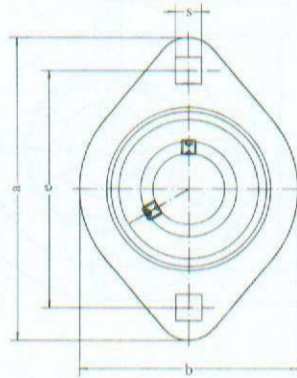
**SAPFL2**  
(SA2-Fitted)

**Pressed Housing Flange Units**  
(Light-duty)

**SBPFL2**  
(SB2-Fitted)



SAPFL



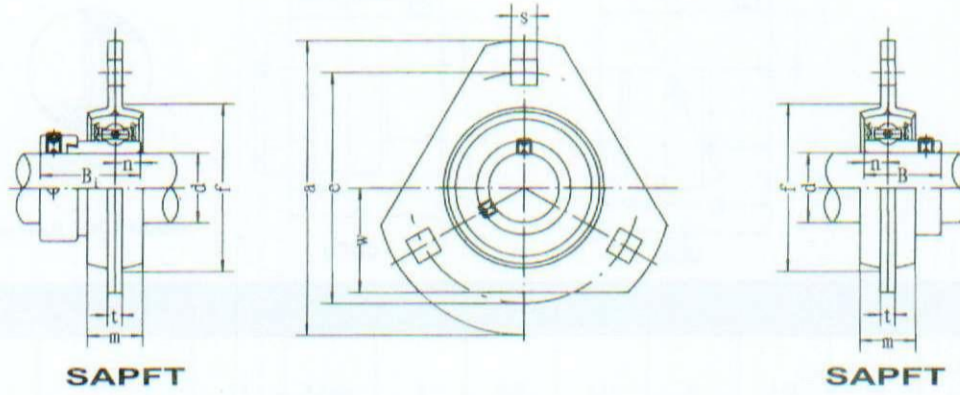
SBPFL

Unit No.	Dimensions									SAPFL				SBPFL				Housing No.
	d	a	e	b	m	S	t	f (mm)	Bolt used (mm)	B <sub>i</sub>	n	Bearing No.	Weight (kg)	B	n	Bearing No.	Weight (kg)	
SAPFL SBPFL 201	12	81	63.5	59	14	7.1	4	49	M6	28.6	6.5	SA201		22	6	SB201		PFL203
201-8	1/2											SA201-8				SB201-8		
202	15											SA202				SB202		
202-9	9/16	3-3/16	2-1/2	2-21/64	9/16	1-59/64	0.157	1-59/64	1/4	1.1260	0.2559	SA202-9	0.22	0.8661	0.2362	SB202-9	0.19	
202-10	5/8											SA202-10				SB202-10		
203	17											SA203				SB203		
203-11	11/16											SA203-11				SB203-11		
SAPFL SBPFL 204	20	90	71.5	67	16	9	4	56	M8	31	7.5	SA204		25	7	SB204	0.24	PFL204
204-12	3/4	3-35/64	2-13/16	2-41/64	5/8	23/64	0.157	2-13/64	5/16	1.2204	0.2953	SA204-12	0.24	0.9643	0.2756	SB204-12		
SAPFL SBPFL 205	25	95	76	71	18	9	4	60	M8	31	7.5	SA205		27	7.5	SB205		PFL205
205-13	13/16											SA205-13				SB205-13	0.28	
205-14	7/8	3-3/4	2-63/64	2-51/64	23/32	23/64	0.157	2-23/64	5/16	1.2204	0.2953	SA205-14	0.32	1.0630	0.2953	SB205-14		
205-15	15/16											SA205-15				SB205-15		
205-16	1											SA205-16				SB205-16		
SAPFL SBPFL 206	30	113	90.5	84	18	11	5.2	71	M10	35.7	9	SA206		30	8	SB206		PFL206
206-17	1-1/16											SA206-17				SB206-17		
206-18	1-1/8	4-7/16	3-9/16	3-5/16	23/32	7/16	0.205	2-51/64	3/8	1.4055	0.3543	SA206-18	0.41	1.1811	0.3150	SB206-18	0.38	
206-19	1-3/16											SA206-19				SB206-19		
206-20	1-1/4											SA206-20				SB206-20		
SAPFL SBPFL 207	35	122	100	94	20	11	5.2	81	M10	38.9	9.5	SA207		32	8.5	SB207		PFL207
207-20	1-1/4											SA207-20				SB207-20	0.50	
207-21	1-5/16	4-13/16	3-15/16	3-45/64	25/32	7/16	0.205	3-3/16	3/8	1.5315	0.3740	SA207-21	0.52	1.2598	0.3346	SB207-21		
207-22	1-3/8											SA207-22				SB207-22		
207-23	1-7/16											SA207-23				SB207-23		
SAPFL SBPFL 208	40	148	119	100	21	13.5	6.8	91	M12	43.7	11	SA208		34	9	SB208	0.80	PFL208
208-24	1-1/2	5-13/16	4-11/16	3-15/16	13/16	17/32	0.268	3-37/64	1/2	1.7205	0.4331	SA208-24	0.83	1.3386	0.3543	SB208-24		
208-25	1-9/16											SA208-25				SB208-25		

SAPFT2  
(SA2-Fitted)

Pressed Housing Flange Units  
(Light-duty)

SBPFT2  
(SB2-Fitted)



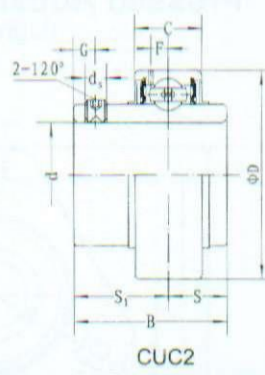
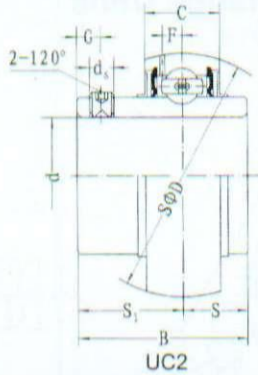
Unit No.	Dimensions									SAPFT				SBPFT				Housing No.
	d	a	e	w	m	s	t	f (mm)	Bolt used (mm)	B <sub>1</sub>	n	Bearing No.	Weight (kg)	B	n	Bearing No.	Weight (kg)	
SAPFT SBPFT 201	12	81	63.5	28.5	14	7.1	4	49	M6	28.6	6.5	SA201		22	6	SB201		PFT203
201-8	1/2											SA201-8				SB201-8		
202	15											SA202				SB202		
202-9	9/16	3-3/16	2-1/2	1-1/8	9/16	9/32	0.157	1-59/64	1/4	1.1260	0.2559	SA202-9	0.26	0.8661	0.2362	SB202-9	0.23	
202-10	5/8											SA202-10				SB202-10		
203	17											SA203				SB203		
203-11	11/16											SA203-11				SB203-11		
SAPFT SBPFT 204	20	90	71.5	33	16	9	4	56	M8	31	7.5	SA204		25	7	SB204	0.28	PFT204
204-12	3/4	3-35/64	2-13/16	1-19/64	5/8	23/64	0.157	2-13/64	5/16	1.2204	0.2953	SA204-12	0.28	0.9843	0.2756	SB204-12		
SAPFT SBPFT 205	25	95	76	35	18	9	4	60	M8	31	7.5	SA205		27	7.5	SB205		PFT205
205-13	13/16											SA205-13				SB205-13		
205-14	7/8	3-3/4	2-63/64	1-3/8	23/32	23/64	0.157	2-23/64	5/16	1.2204	0.2953	SA205-14	0.36	1.0630	0.2953	SB205-14	0.36	
205-15	15/16											SA205-15				SB205-15		
205-16	1											SA205-16				SB205-16		
SAPFT SBPFT 206	30	113	90.5	40	18	11	5.2	71	M10	35.7	9	SA206		30	8	SB206		PFT206
206-17	1-1/16											SA206-17				SB206-17		
206-18	1-1/8	4-7/16	3-9/16	1-37/64	23/32	7/16	0.205	2-51/64	3/8	1.4055	0.3543	SA206-18	0.58	1.1811	0.3150	SB206-18	0.55	
206-19	1-3/16											SA206-19				SB206-19		
206-20	1-1/4											SA206-20				SB206-20		
SAPFT SBPFT 207	35	122	100	44.5	20	11	5.2	81	M10	38.9	9.5	SA207		32	8.5	SB207		PFT207
207-20	1-1/4											SA207-20				SB207-20		
207-21	1-5/16	4-13/16	3-15/16	1-3/4	25/32	7/16	0.205	3-3/16	3/8	1.5315	0.3740	SA207-21	0.82	1.2598	0.3346	SB207-21	0.74	
207-22	1-3/8											SA207-22				SB207-22		
207-23	1-7/16											SA207-23				SB207-23		



**FK BALL BEARING UNITS**

**UC2 (normal-duty)**

**Ball Bearings**



SL TYPE SEAL



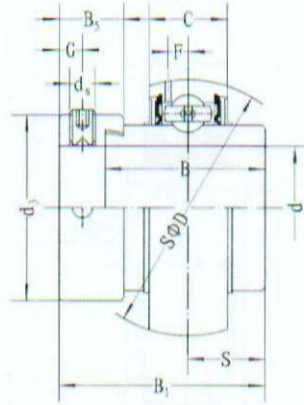
L3 TYPE SEAL

Suttix UNF: Inch sized set screws

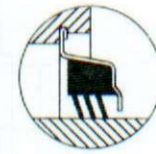
Bearing No.	Dimensions(mm)									Dynamic load ratings N	static load ratings N	Weight (kg)
	d	D	B	C	S	S <sub>1</sub>	G	d <sub>g</sub>	F			
UCS201	12											0.12
UCS201-8	1/2											0.11
UCS202	15											0.11
UCS202-9	9/16	40	27.4	14	11.5	15.9	4	M5x0.8	3.7	9600	4600	0.11
UCS202-10	5/8	1.5748	1.0787	0.5512	0.4528	0.626	0.157	10°-32	0.146			0.11
UCS203	17											0.10
UCS203-11	11/16											0.10
UC201	12											0.20
UC201-8	1/2											0.19
UC202	15											0.19
UC202-9	9/16	47	31	17	12.7	18.3	4.8	M6x1	3.7	12800	6650	0.19
UC202-10	5/8	1.8504	1.2205	0.6693	0.500	0.720	0.189	1/4-28UNF	0.146			0.19
UC203	17											0.18
UC203-11	11/16											0.17
UC204	20											0.16
UC204-12	3/4	47	31	17	12.7	18.3	4.8	M6 x 1	3.7	12800	6650	0.16
UC205	25											0.20
UC205-13	13/16	52	34.1	17	14.3	19.8	5	M6 x 1	3.9	14000	7850	0.24
UC205-14	7/8	2.00472	1.3425	0.6693	0.563	0.780	0.197	1/4-28UNF	0.154			0.23
UC205-15	15/16											0.21
UC205-16	1											0.20
UC206	30											0.32
UC206-17	1-1/16	62	38.1	19	15.9	22.2	5	M6 x 1	5.0	19500	11300	0.33
UC206-18	1-1/8	2.4409	1.5000	0.7480	0.626	0.874	0.197	1/4-28UNF	0.197			0.34
UC206-19	1-3/16											0.32
UC206-20	1-1/4											0.31
UC207	35											0.48
UC207-20	1-1/4	72	42.9	20	17.5	25.4	7	M8x1	5.7	25700	15300	0.54
UC207-21	1-5/16	2.8346	1.6890	0.7874	0.689	1.000	0.276	5/16-24UNF	0.224			0.51
UC207-22	1-3/8											0.48
UC207-23	1-7/16											0.45
UC208	40											0.64
UC208-24	1-1/2	80	49.2	21	19	30.2	8	M8x1	6.2	29500	18100	0.68
UC208-25	1-9/16	3.1496	1.9370	0.8266	0.748	1.189	0.315	5/16-24UNF	0.244			0.65
UC209	45											0.68
UC209-26	1-5/8	85	49.2	22	19	30.2	8	M8x1	6.4	31600	20600	0.78
UC209-27	1-11/16	3.3465	1.9370	0.8661	0.748	1.189	0.315	5/16-24UNF	0.252			0.74
UC209-28	1-3/4											0.70
UC210	50											0.80
UC210-29	1-13/16	90	51.6	24	19	32.6	10	M10x1	6.5	35000	23200	0.92
UC210-30	1-7/8	3.5433	2.0315	0.9449	0.748	1.283	0.394	3/8-24UNF	0.256			0.87
UC210-31	1-15/16											0.82
UC210-32	2											0.78
UC211	55											1.11
UC211-32	2-1/16	100	55.6	25	22.2	33.4	10	M10x1	7.0	43500	29200	1.26
UC211-33	2-1/8	3.9370	2.1890	0.9843	0.874	1.315	0.394	3/8-24UNF	0.276			1.20
UC211-34	2-1/8											1.15
UC211-35	2-3/16											1.09
UC212	60											1.54
UC212-36	2-1/4	110	65.1	27	25.4	39.7	10	M10x1	7.6	47700	32900	1.67
UC212-37	2-5/16											1.59
UC212-38	2-3/8	4.3307	2.5630	1.0630	1.000	1.563	0.394	3/8-24UNF	0.299			1.52
UC212-39	2-7/16											1.45
UC213	65											1.85
UC213-40	2-1/2	120	65.1	28	25.4	39.7	10	M10x1	8.5	57500	40000	1.94
UC213-41	2-9/16	4.3307	2.8630	1.1024	1.000	1.563	0.394	3/8-24UNF	0.335			1.85
UC214	70											2.05
UC214-42	2-5/8	125	74.6	29	30.2	44.4	12	M12x1.5	8.9	60800	45000	2.26
UC214-43	2-11/16	4.9213	2.9370	1.1417	1.189	1.748	0.472	7/16-20UNF	0.350			2.16
UC214-44	2-3/4											2.06
UC215	75											2.21
UC215-45	2-13/16	130	77.8	30	33.3	44.5	12	M12x1.5	9.2	66000	49500	2.46
UC215-46	2-7/8	5.1181	3.0630	1.1811	1.311	1.752	0.472	7/16-20UNF	0.362			2.35
UC215-47	2-15/16											2.24
UC215-48	3											2.12
UC216	80											2.80
UC216-49	3-1/16	140	82.6	32	33.3	49.3	12	M12x1.5	9.5	71500	54200	2.98
UC216-50	3-1/8	5.5118	3.2520	1.2598	1.311	1.9409	0.472	7/16-20UNF	0.374			2.85
UC216-51	3-3/16											2.72
UC217	85											3.46
UC217-52	3-1/4	150	85.7	34	34.1	51.6	12	M12x1.5	10.2	83500	64000	3.68
UC217-53	3-5/16	5.9055	3.3740	1.3386	1.343	2.031	0.472	7/16-20UNF	0.402			3.54
UC217-55	3-7/16											3.25
UC218	90											4.36
UC218-56	3-1/2	160	96	36	39.7	56.3	12	M12x1.5	11.2	96000	71500	4.47

**Ball Bearings**  
(with eccentric locking collar)

**HC2 (Normal-duty)**



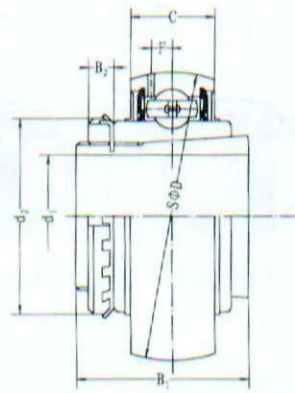
SL TYPE SEAL



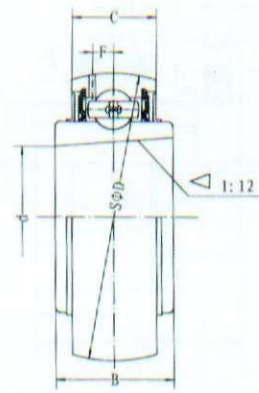
L3 TYPE SEAL

Suffix UNF: Inch sized set screws

Bearing No.	Dimensions											Dynamic load ratings N	static load ratings N	Weight (kg)		
	d	D	B <sub>1</sub>	B	C	S	d <sub>5</sub>	G	B <sub>5</sub>	d <sub>5</sub>	F					
HC201	12													12800	6650	0.29
HC201-8	1/2													12800	6650	0.29
HC202	15													12800	6650	0.27
HC202-9	9/16	47	43.7	34.2	17	17.1	M6x1	4.8	13.5	33.3	3.7			12800	6650	0.26
HC202-10	5/8	1.8504	1.720	1.3465	0.6693	0.673	1/4-28UNF	0.189	0.531	1.311	0.146			12800	6650	0.26
HC203	17													12800	6650	0.25
HC203-11	11/16													12800	6650	0.25
HC204	20	47	43.7	34.2	17	17.1	M6 x 1	4.8	13.5	33.3	3.7			12800	6650	0.23
HC204-12	3/4	1.8504	1.720	1.3465	0.6693	0.673	1/4-28UNF	0.189	0.531	1.311	0.146			12800	6650	0.23
HC205	25	52	44.4	34.9	17	17.5	M6 x 1	4.8	13.5	38.1	3.9					0.27
HC205-13	13/16															0.32
HC205-14	7/8															0.31
HC205-15	15/16	2.0472	1.748	1.3740	0.6693	0.689	1/4-28UNF	0.189	0.531	1.500	0.154			14000	7850	0.29
HC205-16	1															0.27
HC206	30	62	48.4	36.5	19	18.3	M8 x 1	6	15.9	44.5	5.0					0.45
HC206-17	1-1/16															0.50
HC206-18	1-1/8	2.4409	1.906	1.4370	0.7480	0.720	5/16-24UNF	0.236	0.626	1.752	0.197			19510	11300	0.47
HC206-19	1-3/16															0.45
HC206-20	1-1/4															0.42
HC207	35	72	51.1	37.6	20	18.8	M8 x 1	6.8	17.5	55.6	5.7					0.60
HC207-20	1-1/4															0.67
HC207-21	1-5/16	2.8346	2.012	1.4803	0.7874	0.740	5/16-24UNF	0.268	0.689	2.189	0.224			25700	15300	0.63
HC207-22	1-3/8															0.60
HC207-23	1-7/16															0.57
HC208	40	80	56.3	42.8	21	21.4	M8 x 1	6.8	18.3	60.3	6.2					0.79
HC208-24	1-1/2	3.1496	2.217	1.6850	0.8288	0.843	5/16-24UNF	0.268	0.720	2.374	0.244			29500	18100	0.84
HC208-25	1-9/16															0.80
HC209	45	85	56.3	42.8	22	21.4	M8 x 1	6.8	18.3	63.5	6.4					0.85
HC209-26	1-5/8															0.96
HC209-27	1-11/16	3.3465	2.217	1.6850	0.8661	0.843	5/16-24UNF	0.268	0.720	2.5000	0.262			31600	20600	0.91
HC209-28	1-3/4															0.87
HC210	50	90	62.7	49.2	24	24.6	M8 x 1	6.8	18.3	69.9	6.5					0.99
HC210-29	1-13/16															1.14
HC210-30	1-7/8	3.5433	2.469	1.9370	0.9449	0.969	5/16-24UNF	0.268	0.720	2.752	0.256			35000	23200	1.08
HC210-31	1-15/16															1.02
HC210-32	2															0.96
HC211	55	100	71.4	55.5	25	27.8	M10 x 1	8	20.7	76.2	7.0					1.32
HC211-32	2															1.52
HC211-33	2-1/16	3.9370	2.811	2.1850	0.9943	1.094	3/8-24UNF	0.315	0.815	3.000	0.276			43500	29200	1.44
HC211-34	2-1/8															1.37
HC211-35	2-3/16															1.29
HC212	60	110	77.8	61.9	27	31	M10 x 1	8	22.3	84.2	7.6					1.88
HC212-36	2-1/4															2.04
HC212-37	2-5/16	4.3307	3.063	2.4370	1.0630	1.220	3/8-24UNF	0.315	0.878	3.315	0.299			47700	32900	1.95
HC212-38	2-3/8															1.90
HC212-39	2-7/16															1.77
HC213	65	120	85.7	68.6	28	34.1	M10 x 1	8.5	23.5	86	8.5					2.41
HC213-40	2-1/2	4.7244	3.374	2.7008	1.1024	1.343	3/8-24UNF	0.335	0.925	3.386	0.335			57500	40000	2.51
HC213-41	2-9/16															2.40
HC214	70	125	85.7	68.6	29	34.1	M10 x 1	8.5	23.5	90	8.9					2.55
HC214-42	2-3/8															2.79
HC214-43	2-11/16	4.9213	3.374	2.7008	1.1417	1.343	3/8-24UNF	0.335	0.925	3.543	0.360			60800	45000	2.68
HC214-44	2-3/4															2.56
HC215	75	130	92.1	75	30	37.3	M10 x 1	8.5	23.5	102	9.2					2.84
HC215-45	2-13/16															3.14
HC215-46	2-7/8	5.1181	3.626	2.9528	1.1811	1.469	3/8-24UNF	0.335	0.925	4.016	0.362			66000	49500	3.01
HC215-47	2-15/16															2.88
HC215-48	3															2.74



UK2+H, HA, HS, HE23



UK2



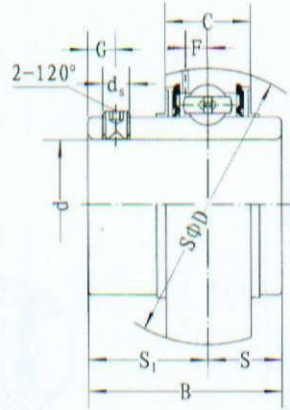
SL TYPE SEAL



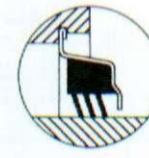
L3 TYPE SEAL

Bearing No.	Dimensions										Dynamic load ratings N	static load ratings N	Weight (kg)	
	d	D	B	C	d <sub>1</sub>	B <sub>1</sub>	B <sub>2</sub>	d <sub>2</sub>	F	mm In.				
UK205;H2305	25	52	23	17	20	35	8	38	3.9					
UK205;HE2305	0.9843	2.0472	0.9055	0.6693	3/4	1.378	0.315	1.496	0.154		14000	7850	0.25	
UK206;H2306	30	62	26	19	25	38	8	45	5.0					
UK206;HS2306	1.1811	2.4409	1.0236	0.7480	11.496	0.315	1.772	0.197			19500	11300	0.36	
UK206;HE2306														
UK207;H2307	35	72	29	20	30	43	9	52	5.7					
UK207;HS2307	1.3780	2.8346	1.1417	0.7874	1-1/8	1.693	0.354	2.047	0.224		252700	15300	0.57	
UK208;H2308	40	80	31	21	35	46	10	58	6.2					
UK208;HE2308					1-1/4						29500	18100	0.74	
UK208;HS2308	1.5748	3.1496	1.2205	0.8268	1-3/8	1.811	0.394	2.283	0.244					
UK209;H2309	45	85	31	22	40	50	11	65	6.4					
UK209;HA2309					1-7/16						31600	20600	0.83	
UK209;HE2309					1-1/2									
UK209;HS2309	1.7717	3.3465	1.2205	0.8661	1-5/8	1.969	0.433	2.559	0.252					
UK210;H2310	50	90	32	24	45	55	12	70	6.5					
UK210;HS2310					1-5/8						35000	23200	0.97	
UK210;HA2310					1-11/16									
UK210;HE2310	1.9685	3.5433	1.2598	0.9449	1-3/4	2.165	0.472	2.756	0.256					
UK211;H2311	55	100	35	25	50	59	12	75	7.0					
UK211;HS2311					1-7/8						43500	29200	1.26	
UK211;HA2311					1-15/16									
UK211;HE2311	2.1654	3.9370	1.3780	0.9843	2	2.323	0.472	2.953	0.276					
UK212;H2312	60	110	38	27	55	62	13	80	7.6					
UK212;HS2312	2.3622	4.3307	1.4961	1.0630	2-1/8	2.441	0.512	3.150	0.299		47700	32900	1.59	
UK213;H2313	65	120	40	28	60	65	14	85	8.5					
UK213;HA2313					2-3/16						57500	40000	1.76	
UK213;HE2313					2-1/4									
UK213;HS2313	2.5591	4.7244	1.5748	1.1024	2-3/8	2.559	0.551	3.346	0.335					
UK215;H2315	75	130	44	30	65	73	15	98	9.2					
UK215;HA2315					2-7/16						66000	49500	2.32	
UK215;HE2315	2.9528	5.1181	1.7323	1.1811	2-1/2	2.874	0.591	3.858	0.362					
UK216;H2316	80	140	45	32	70	78	17	105	9.5					
UK216;HA2316					2-11/16						71500	54200	3.06	
UK216;HE2316	3.1496	5.5118	1.7717	1.2598	2-3/4	3.071	0.669	4.134	0.374					
UK217;H2317	85	150	46	34	75	82	18	110	10.2					
UK217;HA2317					2-15/16						83500	64000	3.88	
UK217;HE2317	3.3465	5.9055	1.8110	1.3386	3	3.228	0.709	4.331	0.402					
UK218;H2318	90	160	47	36	80	86	18	120	11.2					
UK218;HA2318	3.5433	6.2992	1.8504	1.4173	3-3/16	3.386	0.709	4.724	0.441		96000	71500	4.74	

Ball Bearings



SL TYPE SEAL



L3 TYPE SEAL

Suffix UNF: Inch sized set screws

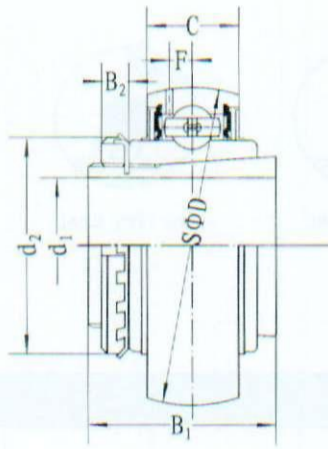
Bearing No.	Dimensions										Dynamic load ratings N	static load ratings N	Weight (kg)
	d	D	B	C	S	S <sub>1</sub>	G	d <sub>s</sub>	F	mm In.			
UCX05	25	62	38.1	19	15.9	22.2	5	M6x1	5.0				
UCX05-13	13/16												
UCX05-14	7/8	2.4409	1.5000	0.7480	0.626	0.874	0.197	1/4-28UNF	0.197	19500	11300	0.39	
UCX05-15	15/16												
UCX05-16	1												
UCX06	30	72	42.9	20	17.5	25.4	7	M8x1	5.7				
UCX06-17	1-1/16												
UCX06-18	1-1/8	2.8346	1.6890	0.7874	0.689	1.000	0.276	5/16-24UNF	0.224	25700	15300	0.68	
UCX06-19	1-3/16												
UCX07	35	80	49.2	21	19	30.2	8	M8x1	6.2				
UCX07-21	1-5/16												
UCX07-22	1-3/8	3.1496	1.9370	0.8268	0.748	1.189	0.315	5/16-24UNF	0.244	29500	18100	0.82	
UCX07-23	1-7/16												
UCX08	40	85	49.2	22	19	30.2	8	M8x1	6.4				
UCX08-24	1-1/2	3.3465	1.9370	0.8661	0.748	1.189	0.315	5/16-24UNF	0.252	31600	20600	0.93	
UCX08-25	1-9/16												
UCX09	45	90	51.6	24	19	32.6	10	M10x1	6.5				
UCX09-26	1-5/8												
UCX09-27	1-11/16	3.5433	2.0315	0.9449	0.748	1.283	0.394	3/8-24UNF	0.256	35000	23200	1.00	
UCX09-28	1-3/4												
UCX10	50	100	55.6	25	22.2	33.4	10	M10x1	7.0				
UCX10-30	1-7/8	3.9370	2.1890	0.9843	0.874	1.315	0.394	3/8-24UNF	0.276	43500	29200	1.35	
UCX10-31	1-15/16												
UCX11	55	110	65.1	27	25.4	39.7	10	M10x1	7.6				
UCX11-33	2-1/16												
UCX11-34	2-1/8	4.3307	2.5630	1.0630	1.000	1.563	0.394	3/8-24UNF	0.299	47700	32900	1.90	
UCX11-35	2-3/16												
UCX12	60	120	65.1	28	25.4	39.7	10	M10x1	8.5				
UCX12-38	2-3/8	4.3307	2.5630	1.1024	1.000	1.563	0.394	3/8-24UNF	0.335	57500	40000	2.27	
UCX12-39	2-7/16												
UCX13	65	125	74.6	29	30.2	44.4	12	M12x1.5	8.9				
UCX13-40	2-1/2	4.9213	2.9370	1.1417	1.189	1.748	0.472	1/2-20UNF	0.350	60800	45000	2.45	
UCX13-41	2-9/16												
UCX14	70	130	77.8	30	33.3	44.5	12	M12x1.5	9.2				
UCX14-42	2-3/8												
UCX14-43	2-11/16	5.1181	3.0630	1.1811	1.311	1.752	0.472	1/2-20UNF	0.362	66000	49500	2.47	
UCX14-44	2-3/4												
UCX15	75	140	82.6	32	33.3	49.3	12	M12x1.5	9.5				
UCX15-45	2-13/16												
UCX15-46	2-7/8	5.5118	3.2520	1.2598	1.311	1.9409	0.472	1/2-20UNF	0.374	71500	54200	3.11	
UCX15-47	2-15/16												
UCX15-48	3												
UCX16	80	150	85.7	34	34.1	51.6	12	M12x1.5	10.2				
UCX16-49	3-1/16												
UCX16-50	3-1/8	5.9055	3.3740	1.3386	1.343	2.031	0.472	1/2-20UNF	0.402	83500	64600	3.79	
UCX16-51	3-3/16												
UCX17	85	160	96	36	39.7	56.3	12	M12x1.5	11.2				
UCX17-53	3-5/16	6.2992	3.7795	1.4173	1.5630	2.217	0.472	1/2-20UNF	0.441	96000	71500	4.82	
UCX17-55	3-7/16												
UCX18	90	170	104.0	39	42.9	61.1	16	M14x1.5	12.5				
UCX18-56	3-1/2	6.6929	4.0945	1.5354	1.689	2.406	0.630	9/16-18UNF	0.492	109000	82000	5.51	
UCX20	100	190	117.5	43	49.2	68.3	18	M16x1.5	13.7				
UCX20-64	3-1/2	6.6929	4.0945	1.5354	1.689	2.406	0.630	5/8-18UNF	0.539	133000	105000	8.33	



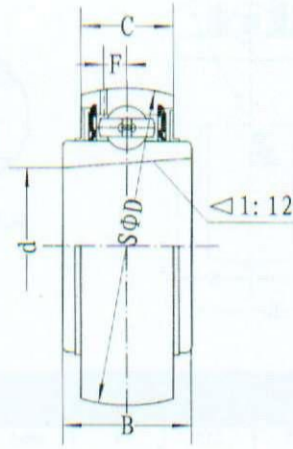
**FK BALL BEARING UNITS**

**UKX (Medium-duty)**

**Ball Bearings**  
(with adapter mounted)



**UKX+H, HA, HS, HE 23**



**UKX**



**SL TYPE SEAL**

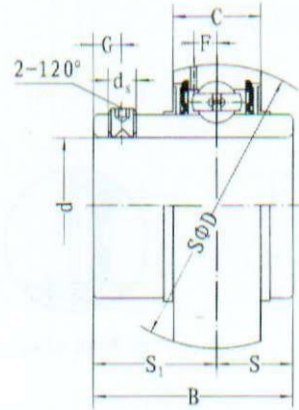


**L3 TYPE SEAL**

Unit No.	Dimensions									Dynamic load ratings N	static load ratings N	Weight (kg)
	d	D	B	C	d <sub>1</sub>	B <sub>1</sub>	B <sub>2</sub>	d <sub>2</sub>	F			
UKX05;H2305	25	62	26	19	20	35	8	38	5.0	19500	11300	0.37
UKX05;HE2305	0.9845	2.4409	1.0236	0.7480	3/4	1.378	0.315	1.496	0.197			
UKX06;H2306	30	72	29	20	25	38	8	45	5.7	25700	15300	0.59
UKX06;HS2306	1.1811	2.8346	1.1417	0.7874	7/8	1.496	0.315	1.771	0.244			
UKX06;HE2306					1							
UKX07;H2307	35	80	31	21	300	43	9	52	6.2	29500	18100	0.75
UKX07;HS2307	1.3780	3.1496	1.2205	0.8268	1-1/8	1.693	0.354	2.047	0.244			
UKX08;H2308	40	85	31	22	35	46	10	58	6.4	31600	20600	0.86
UKX08;HE2308	1.5748	3.3465	1.2205	0.8661	1-1/4	1.811	0.394	2.284	0.252			
UKX08;HS2308					1-3/8							
UKX09;H2309	45	90	32	24	40	50	11	65	6.5	35000	23200	0.96
UKX09;HA2309					1-7/16							
UKX09;HE2309	1.7717	3.5433	1.2598	0.9449	1/12	1.969	0.433	2.559	0.256			
UKX09;HS2309					1-5/8							
UKX10;H2310	50	100	35	25	45	55	12	70	7.0	43500	29200	1.34
UKX10;HS2310					1-5/8							
UKX10;HA2310	1.9685	3.9370	1.3780	0.8843	1-11/16	2.165	0.472	2.756	0.726			
UKX10;HE2310					1-3/4							
UKX11;H2311	55	110	38	27	50	59	12	75	7.6	47700	32900	1.67
UKX11;HS2311					1-7/8							
UKX11;HA2311	2.1654	4.3307	1.496	1.0630	1-15/16	2.323	0.472	2.953	0.299			
UKX11;HE2311					2							
UKX12;H2312	60	120	40	28	55	62	13	80	8.5	57500	4000	1.84
UKX12;HS2312	2.3622	4.7244	1.5748	1.1024	2-1/8	2.441	0.512	3.150	0.335			
UKX13;H2313	65	125	40	29	60	65	14	85	8.9	60800	45000	2.15
UKX13;HA2313					2-3/16							
UKX13;HE2313	2.5591	4.9213	1.5	1.1417	2-1/4	2.559	0.551	3.346	0.350			
UKX13;HS2313					2-3/8							
UKX15;H2315	75	140	45	32	65	73	15	98	9.5	71500	54200	3.05
UKX15;HA2315					2-7/16							
UKX15;HS2315	2.9528	5.5118	1.7717	1.2598	2-1/2	2.874	0.591	3.858	0.374			
UKX16;H2316	80	150	46	34	70	78	17	105	10.2	83500	64000	3.95
UKX16;HA2316					2-11/16							
UKX16;HS2316	3.1496	0.9055	1.811	1.3386	2-3/4	3.071	0.669	4.134	0.402			
UKX17;H2317	85	160	47	36	75	82	18	110	11.2	96000	71500	4.83
UKX17;HA2317					2-15/16							
UKX17;HE2317	3.3465	6.2992	1.8504	1.4173	3	3.228	0.709	4.331	0.441			
UKX18;H2318	90	170	50	39	80	86	18	120	12.5	109000	82000	5.45
UKX18;HA2318					3-3/16							
UKX18;HS2318	3.5433	6.6929	1.9685	1.5354	3-3/16	3.386	0.709	4.724	0.492			
UKX20;H2320	100	190	54	43	90	97	20	130	13.7	133000	105000	7.51
UKX20;HA2320					3-17/32							
UKX20;HS2320	3.9370	7.4803	2.1260	1.6929	3-17/32	3.8189	0.7674	5.1181	0.539			

Ball Bearings

UC3 (Heavy-duty)

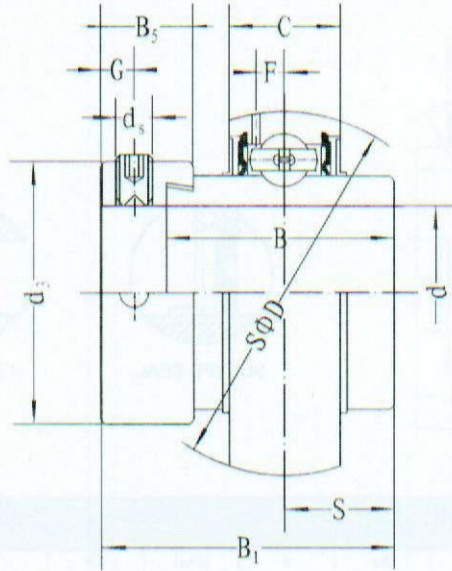


SL TYPE SEAL

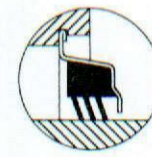


L3 TYPE SEAL

Unit No.	Dimensions <small>mm inch</small>									Dynamic load ratings N	Static load ratings N	Weight (kg)
	d	D	B	C	S	s <sub>1</sub>	G	d <sub>s</sub>	F			
UC305	25	62	38	20	15	23	6	M6x1	5.4	22400	11500	0.35 0.40 0.38 0.36
UC305-13	13/16											
UC305-14	7/8	2.4409	1.4951	0.7874	0.591	0.906	0.236	1/4-28UNF	0.213			
UC305-15	15/16											
UC305-16	1											
UC306	30	72	43	23	17	26	6	M6X1	5.7	26700	11500	0.35 0.56 0.61
UC306-17	1-1/16											
UC306-18	1-1/8	2.8346	1.6929	0.9055	0.669	1.024	0.236	1/4-28UNF	0.225			
UC306-19	1-3/16											
UC307	35	80	48	25	19	29	8	M8X1	6.2	33500	19100	0.58 0.71 0.77 0.74 0.71 0.68
UC307-20	1-1/4											
UC307-21	1-5/16	3.1496	1.8898	0.9843	0.748	1.142	0.315	5/16-24UNF	0.224			
UC307-22	1-3/8											
UC307-23	1-7/16											
UC308	40	90	52	27	19	33	10	M10X1	7.0	40500	24000	0.96 1.01 0.97
UC308-24	1-1/2	3.5433	2.0472	1.0630	0.748	1.299	0.394	3/8-24UNF	0.276			
UC308-25	1-9/16											
UC309	45	100	57	30	22	35	10	M10X1	7.8	52800	31800	1.28 1.39 1.35 1.30
UC309-26	1-5/8	3.9370	2.2441	1.1811	0.866	1.378	0.394	3/8-24UNF	0.307			
UC309-27	1-11/16											
UC309-28	1-3/4											
UC310	50	110	61	32	22	39	12	M12X1.5	8.5	61800	37900	1.65 1.97 1.74 1.68
UC310-29	1-13/16	4.3307	2.4016	1.2598	0.866	1.535	0.472	1/2-20UNF	0.335			
UC310-30	1-7/8											
UC310-31	1-15/16											
UC311	55	120	66	34	25	41	12	M12X1.5	9.2	71500	44700	2.07 2.25 2.18 2.12 2.04
UC311-32	2											
UC311-33	2-1/16	4.7244	2.5984	1.3386	0.984	1.614	0.472	1/2-20UNF	0.362			
UC311-34	2-1/8											
UC311-35	2-3/16											
UC312	60	130	71	36	26	45	12	M12X1.5	9.8	81700	51800	2.60 2.75 2.67 2.58 2.50
UC312-36	2-1/4											
UC312-37	2-5/16	5.1181	2.7953	1.4173	1.0236	1.772	0.472	1/2-20UNF	0.386			
UC312-38	2-3/8											
UC312-39	2-7/16											
UC313	65	140	75	38	30	45	12	M12X1.5	10.5	92500	60000	3.25 3.34 3.24
UC313-40	2-1/2	5.5118	2.9528	1.4961	1.181	1.772	0.472	1/2-20UNF	0.413			
UC313-41	2-9/16											
UC314	70	150	78	40	33	45	12	M12X1.5	11.1	104000	68000	3.89 4.11 4.0 3.90
UC314-42	2-5/8											
UC314-43	2-11/16	5.9055	3.0708	1.5748	1.299	1.772	0.472	1/2-20UNF	0.437			
UC314-44	2-3/4											
UC315	75	160	82	42	32	50	14	M14X1.5	11.8	113000	77000	4.72 4.99 4.85 4.76 4.63
UC315-45	2-13/16											
UC315-46	3-7/8	6.2992	3.2283	1.6535	1.260	1.969	0.551	9/16-18UNF	0.465			
UC315-47	2-15/16											
UC315-48	3											
UC316	80	170	86	44	34	52	14	M14X1.5	12.5	123000	86500	5.55 5.72 5.58 5.49
UC316-49	3-1/16											
UC316-50	3-1/8	6.6929	3.3858	1.7323	1.339	2.047	0.551	9/16-18UNF	0.492			
UC316-51	3-3/16											
UC317	85	180	96	46	40	56	16	M16X1.5	13.1	132600	96500	6.67 6.89 6.76 6.44
UC317-52	3-1/4											
UC317-53	3-5/16	7.0866	3.7795	1.8110	1.575	2.205	0.630	5/8-18UNF	0.516			
UC317-55	3-7/16											
UC318	90	190	96	48	40	56	16	M16X1.5	13.8	144000	108000	7.56 7.85 7.67
UC318-55	3-7/16	7.4803	3.7795	1.8898	1.575	2.205	0.630	5/8-18UNF	0.543			
UC318-56	3-1/2											
UC319	95	200	103	50	41	62	16	M16X1.5	14.7	156600	122000	8.70 9.03 8.85 8.66
UC319-58	3-5/8											
UC319-59	3-11/16	7.8740	4.0551	1.9685	1.614	2.441	0.630	5/8-18UNF	0.579			
UC319-60	3-3/4											
UC320	100	215	108	54	42	66	18	M18x1.5	15.7	17300	141000	11.2 11.0
UC320-64	4	8.4646	4.2520	2.1260	1.6535	2.5984	0.7087	0.618	0.618			
UC322	100	240	117	60	46	71	18	M18x1.5	17.7	205000	179000	15.1
UC324	120	260	126	64	51	75	18	M18x1.5	19			
UC324	120	260	126	64	51	75	18	M18x1.5	19	227000	207000	19.0
UC326	130	280	135	68	54	81	20	M20x1.5	20			
UC326	130	280	135	68	54	81	20	M20x1.5	20	253000	241000	23.6
UC328	140	300	145	72	59	86	20	M20x1.5	22			
UC328	140	300	145	72	59	86	20	M20x1.5	22	274000	272000	29.4
UC328	140	300	145	72	59	86	20	M20x1.5	22			



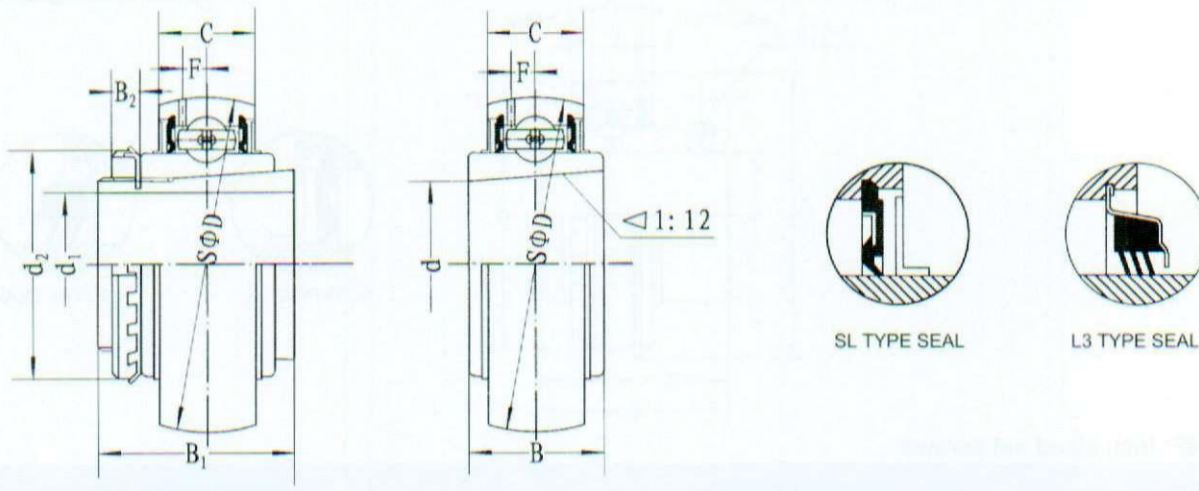
SL TYPE SEAL



L3 TYPE SEAL

Unit No.	Dimensions <sup>mm</sup> <sub>in.</sub>											Dynamic load ratings N	Static load ratings N	Weight (kg)	
	d	D	B <sub>1</sub>	B	C	S	d <sub>1</sub>	G	B <sub>5</sub>	d <sub>2</sub>	F				
HC305	25	62	46.8	34.9	20	16.7	M8x1	6	15.9	42.8	5.4	22400	11500	0.43	
HC305-13	13/16														0.49
HC305-14	7/8	2.4409	1.843	1.3740	0.7874	0.657	5/16-24UNF	0.236	0.626	1.500	0.213				0.48
HC305-15	15/16														0.46
HC305-16	1														0.44
HC306	30	72	50	36.5	23	17.5	M8x1	7	17.5	50	5.7	26700	15000	0.69	
HC306-17	1-1/16														0.71
HC306-18	1-1/8	2.8346	1.969	1.4370	0.9055	0.689	5/16-24UNF	0.276	0.689	1.752	0.224				0.68
HC306-19	1-3/16														0.66
HC307	35	80	51.6	38.1	25	18.3	M8x1	7	17.5	55	6.2	33500	19100	0.80	
HC307-20	1-1/4														0.87
HC307-21	1-5/16	3.1496	2.031	1.5000	0.9843	0.720	5/16-24UNF	0.276	0.689	2.189	0.244				0.83
HC307-22	1-3/8														0.80
HC307-23	1-7/16														0.77
HC308	40	90	57.1	41.3	27	19.8	M10x1	8	20.6	63.5	7.0	40500	24000	1.08	
HC308-24	1-1/2	3.5433	2.248	1.6260	1.0630	0.780	3/8-24UNF	0.315	0.811	2.374	0.276				1.17
HC308-25	1-9/16														1.13
HC309	45	100	58.7	42.9	30	19.8	M10x1	8	20.6	70	7.8	52800	31800	1.46	
HC309-26	1-5/8														1.54
HC309-27	1-11/16	3.9370	2.311	1.6890	1.1811	0.780	3/8-24UNF	0.315	0.811	2.500	0.307				1.49
HC309-28	1-3/4														1.44
HC310	50	110	66.6	49.2	32	24.6	M10x1	9	22.2	76.2	8.5	61800	37900	1.86	
HC310-29	1-13/16														2.00
HC310-30	1-7/8	4.3307	2.622	1.9370	1.2598	0.969	3/8-24UNF	0.354	0.874	2.752	0.335				1.95
HC310-31	1-15/16														1.88
HC311	55	120	73.0	55.6	34	27.8	M10x1	9	22.2	83	9.2	71500	44700	2.34	
HC311-32	2														2.53
HC311-33	2-1/16	4.7244	2.874	2.1850	1.3386	1.094	3/8-24UNF	0.354	0.874	3.000	0.362				2.44
HC311-34	2-1/8														2.38
HC311-35	2-3/16														2.30
HC312	60	130	79.4	61.9	36	30.95	M10x1	9	23.9	89	9.8	81700	51800	2.94	
HC312-36	2-1/4														3.08
HC312-37	2-5/16	5.1181	3.126	2.4370	1.4173	1.219	3/8-24UNF	0.354	0.941	3.315	0.386				3.02
HC312-38	2-3/8														2.94
HC312-39	2-7/16														2.81
HC313	65	140	85.2	64.6	38	32.55	M12x1.5	10.5	27	97	10.5	92500	60000	3.64	
HC313-40	2-1/2	5.5118	3.354	2.5433	1.4961	1.282	1/2-20UNF	0.413	1.063	3.819	0.413				3.73
HC313-41	2-9/16														3.72
HC314	70	150	92.1	68.3	40	34.15	M12x1.5	12	30.2	102	11.1	104000	68000	4.37	
HC314-42	2-5/8														4.69
HC314-43	2-11/16	5.9055	3.626	2.6890	1.5748	1.344	1/2-20UNF	0.472	1.189	4.016	0.437				4.60
HC314-44	2-3/4														4.49
HC315	75	160	100	74.6	42	37.3	M16x1.5	13	31.8	113	11.8	113000	77000	5.30	
HC315-45	2-1/4														5.95
HC315-46	2-5/16	6.2992	3.937	2.9370	1.6535	1.469	5/8-18UNF	0.512	0.512	4.449	0.456				5.81
HC315-47	2-3/8														5.72
HC315-48	2-7/16														5.63
HC316	80	170	106.4	81	44	40.5	M16x1.5	13	31.8	119	12.5	123000	86500	6.66	
HC316-49	3-1/16														6.72
HC316-50	3-1/8	6.6929	4.189	3.1890	1.7323	1.594	5/8-18UNF	0.512	1.252	4.685	0.492				6.67
HC316-51	3-3/16														6.58
HC317	85	180	109.5	84.1	46	42.05	M16x1.5	13	31.8	127	13.1	123000	96500	7.95	
HC317-52	3-1/4														8.12
HC317-53	3-5/16	7.0866	4.311	3.3110	1.8110	1.656	5/8-18UNF	0.512	1.252	5.000	0.516				7.98
HC317-54	3-7/16														7.86
HC317-55	3-1/2														7.66
HC318	90	190	115.9	87.3	48	43.65	M20x1.5	14.5	36.5	133	13.8	144000	108000	9.05	
HC318-55	3-7/16	7.4803	4.563	3.4370	1.8898	1.719	3/4-16UNF	0.571	1.437	5.236	0.543				9.34
HC318-56	3-1/2														9.11
HC319	95	200	122.3	93.7	50	38.9	M20x1.5	14.5	36.5	140	14.7			156600	122000
HC319-58	3-5/8												10.56		
HC319-59	3-11/16	7.8740	4.815	3.6890	1.9685	1.531	3/4-16UNF	0.571	1.437	5.512	0.579		10.38		
HC319-60	3-3/4												10.19		
HC320	100	215	128.6	100	54	50	M20x1.5	14.5	36.5	146	15.7	173000	141000	13.43	
HC320-64	4	8.4646	5.063	3.9370	2.1260	1.969	3/4-16UNF	0.571	1.437	5.748	0.618				12.18

**Ball Bearings**  
 (with adapter mounted)



UK3+H,HA,HS,HE23

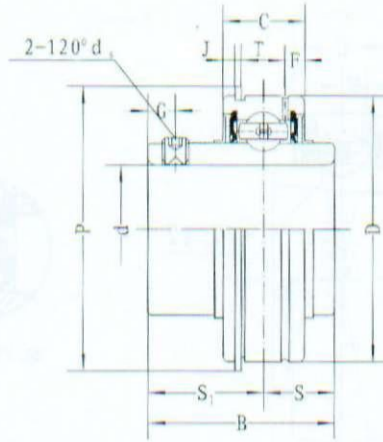
Unit No.	Dimensions <sup>mm</sup> <sub>in.</sub>									Dynamic load ratings N	Static load ratings N	Weight (kg)
	d	D	B	C	d <sub>1</sub>	B <sub>1</sub>	B <sub>2</sub>	d <sub>2</sub>	F			
UK305;H2305	25	62	26	20	20	35	8	38	5.4	22400	11500	0.39
UK305;HE2305	0.9843	2.4409	1.0236	0.7874	3/4	1.378	0.135	1.496	0.213			
UK306;H2306	30	72	29	23	25	38	8	45	5.7	26700	15000	0.59
UK306;HS2306	1.1811	2.8346	1.1417	0.9055	7/8	1.496	0.315	1.772	0.224			
UK306;HE2306					1							
UK307;H2307	35	80	33	25	30	43	9	52	6.2	33500	19100	0.75
UK307;HS2307	1.3780	3.1496	1.2992	0.9843	1-1/8	1.693	0.354	2.047	0.244			
UK308;H2308	40	90	34	27	35	46	10	58	7.0	40500	24000	1.00
UK308;HE2308	1.5748	3.5433	1.3386	1.0630	1-1/4	1.811	0.394	2.283	0.276			
UK308;HS2308					1-3/8							
UK309;H2309	45	100	37	30	45	55	12	70	8.5	52800	31800	1.35
UK309;HA2309					1-7/16							
UK309;HE2309	1.7717	3.9370	1.4567	1.1611	1-1/2	1.969	0.433	2.559	0.307			
UK309;HS2309					1-5/8							
UK310;H2310	50	110	41	32	45	55	12	70	8.5	61800	37900	1.77
UK310;HS2310					1-5/8							
UK310;HA2310	1.9685	4.3307	1.6142	1.2598	1-11/16	2.165	0.472	2.756	0.335			
UK310;HE2310					1-3/4							
UK311;H2311	55	120	44	34	50	59	12	75	9.2	71500	44700	2.21
UK311;HS2311					1-7/8							
UK311;HA2311	2.1654	4.7244	1.7323	1.3386	1-15/16	2.323	0.472	2.953	0.382			
UK311;HE2311					2							
UK312;H2312	60	130	47	36	55	62	13	80	9.8	81700	51800	2.54
UK312;HS2312	2.3622	5.1181	1.8504	1.4173	2-1/8	2.441	0.512	3.150	0.386			
UK313;H2313	65	140	49	38	60	65	14	85	10.5	92500	60000	3.27
UK313;HA2313					2-3/16							
UK313;HE2313	2.5591	5.5118	1.9291	1.4961	2-1/4	2.559	0.551	3.346	0.413			
UK313;HS2313					2-3/8							
UK315;H2315	75	160	55	42	65	73	15	98	11.8	113000	77000	4.85
UK315;HA2315					2-7/16							
UK315;HE2315	2.9528	6.2992	2.1654	1.6535	2-1/2	2.874	0.591	3.858	0.465			
UK316;H2316	80	170	55	44	70	78	17	105	12.5	123000	86500	5.67
UK316;HA2316					2-11/16							
UK316;HE2316	3.1496	6.6929	2.1654	1.7323	2-3/4	3.071	0.669	4.134	0.492			
UK317;H2317	85	180	60	46	75	82	18	110	13.1	132600	96500	6.75
UK317;HA2317					2-15/16							
UK317;HE2317	3.3465	7.0866	2.1654	1.8110	3	3.228	0.709	4.331	0.516			
UK318;H2318	90	190	63	48	80	88	18	120	13.8	144000	108000	7.99
UK318;HA2318	3.5433	7.4803	2.4800	1.8898	3-3/16	3.386	0.709	4.724	0.441			
UK319;H2319	95	200	66	50	85	90	19	125	14.7	156600	122000	9.23
UK319;HA2319	3.7402	7.8740	2.5984	1.9685	3-5/16	3.543	0.748	8.465	0.579			
UK320;H2320	100	215	68	54	90	97	20	130	15.7	173000	141000	10.85
UK320;HA2320	3.9370	8.4646	2.6771	2.1260	3-7/16	3.814	0.787	5.118	0.618			
UK322;H2322	110	240	78	60	100	105	21	145	17.7	205000	179000	14.94
UK322;HA2322	4.3307	9.4488	3.0709	2.3622	3-15/16	4.134	0.827	5.709	0.697			
UK324;H2324	120	260	87	64	110	112	22	155	19	227000	207000	19.29
UK324;HA2324	4.7244	10.2362	3.4252	2.5197	4-3/16	4.410	0.866	6.102	0.748			
UK326;H2326	130	280	87	68	115	121	23	165	20	253000	241000	23.4
UK326;HA2326	5.1181	11.0236	3.4252	2.6771	4-7/16	4.764	0.906	6.496	0.787			
UK328;H2328	140	300	97	72	125	131	24	180	22	274000	272000	29.45
UK328;HA2328	5.5118	11.8110	3.8189	2.8189	4-15/16	5.158	0.945	7.087	0.866			



FK BALL BEARING UNITS

SER2 (Normal-duty)

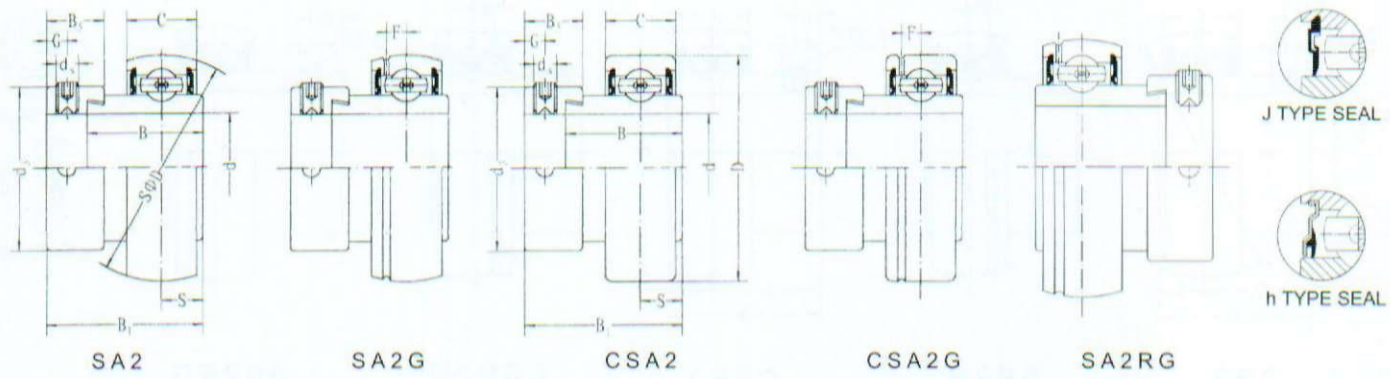
Ball Bearings  
(with locating snap ring)



Suffix UNF: Inch sized set screws

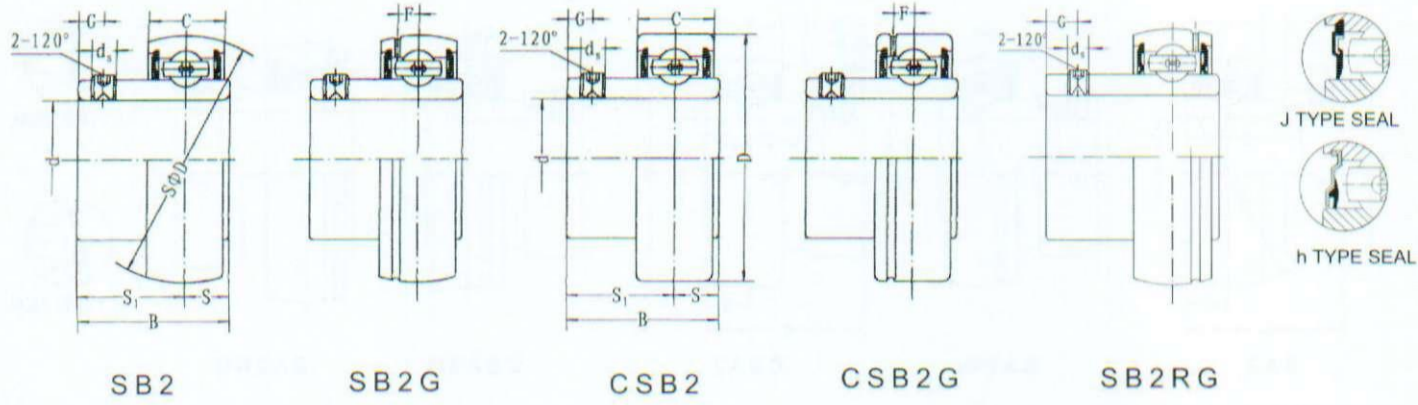
Bearing No.	Dimensions												Dynamic load ratings N	Static load ratings N	Weight (kg)		
	d	D	B	C	S	S <sub>1</sub>	T	F	J	P	G	d <sub>s</sub>					
SER201	12																0.22
SER201-8	1/2																
SER202	15	47	31	15.9	10.3	20.7	1.12	3.8	2.46	52.7	4.8	M6x1	12800	6650		0.22	
SER202-10	5/8	1.8504	1.2205	0.6260	0.406	0.815	0.044	0.150	0.097	2.057	0.189	1/4-28UNF					
SER203	17																
SER204	20	47	31	15.9	10.3	20.7	1.12	3.8	2.46	52.7	4.8	M6 x 1	12800	6650		0.21	
SER204-12	3/4	1.8504	1.2205	0.6260	0.406	0.815	0.044	0.150	0.097	2.075	0.189	1/4-28UNF					
SER205	25	52	34.9	19	13.1	21.8	1.12	5.2	2.46	57.9	5		14000	7850		0.27	
SER205-13	13/16																
SER205-14	7/8	2.0472	1.3740	0.7480	0.516	0.858	0.044	0.205	0.097	2.280	0.197	M6 x 1					
SER205-15	15/16											1/4-28UNF					
SER205-16	1																
SER206	30	62	38.1	22.2	15.9	22.2	1.7	5.6	3.28	67.7	5		19500	11300		0.39	
SER206-17	1-1/16																
SER206-18	1-1/8	2.4409	1.5000	0.8740	0.626	0.874	0.067	0.220	0.129	2.665	0.197	M6 x 1					
SER206-19	1-3/16											1/4-28UNF					
SER206-20	1-1/4																
SER207	35	72	42.9	23.8	17.5	25.4	1.7	5.6	3.28	78.6	6.7		25700	15300		0.63	
SER207-20	1-1/4																
SER207-21	1-5/16											M8 x 1					
SER207-22	1-3/8	2.8346	1.6890	0.9370	0.689	1.000	0.067	0.220	0.129	3.094	0.264	5/16-24UNF					
SER207-23	1-7/16																
SER208	40	80	49.2	27.8	19	30.2	1.7	6.4	3.28	86.6	8		29500	18100		0.81	
SER208-24	1-1/2	3.1496	1.9370	1.0945	0.748	1.189	0.067	0.252	0.129	3.409	0.315	M8 x 1					
SER208-25	1-9/16											5/16-24UNF					
SER209	45	85	49.2	27.8	19	30.2	1.7	6.4	3.28	91.6	8		31600	20600		0.90	
SER209-26	1-5/8											M8 x 1					
SER209-27	1-11/16	3.3465	1.9370	1.0945	0.748	1.189	0.067	0.252	0.129	3.606	0.315	5/16-24UNF					
SER209-28	1-3/4																
SER210	50	90	51.6	28.6	19	32.6	2.46	7.5	3.28	96.5	10		35000	23200		0.98	
SER210-29	1-13/16																
SER210-30	1-7/8	3.5433	2.0315	1.1260	0.748	1.283	0.097	0.295	0.129	3.799	0.394	M10 x 1					
SER210-31	1-15/16											3/8-24UNF					
SER210-32	2																
SER211	55	100	55.6	30.2	22.2	33.4	2.46	7.5	3.28	106.5	10		43500	29200		1.40	
SER211-32	2																
SER211-33	2-1/16											M10 x 1					
SER211-34	2-1/8	3.9370	2.1890	1.1890	0.874	1.315	0.097	0.295	0.129	4.193	0.394	3/8-24UNF					
SER211-35	2-3/16																
SER212	60	110	65.1	31.8	25.4	39.7	2.46	7.5	3.28	111.6	10		47700	32900		1.89	
SER212-36	2-1/4																
SER212-37	2-5/16											M10 x 1					
SER212-38	2-3/8	4.3307	2.5630	1.2520	1.000	1.563	0.097	0.295	0.129	4.591	0.394	3/8-24UNF					
SER212-39	2-7/16																

**Ball Bearings**  
 (with eccentric locking collar)



Suffix UNF: Inch sized set screws

Bearing No.	Dimensions										Dynamic load ratings N	Static load ratings N	Weight (kg)
	d	D	B <sub>i</sub>	B	C	S	d <sub>i</sub> mm In.	G	B <sub>e</sub>	d <sub>e</sub>			
SA201	12	40	28.6	19.1	12	6.5	M6 x 1	4.8	13.5	28.6	9600	4600	0.12
SA201-8	1/2	1.5748	1.126	0.7520	0.4724	0.256	1/4-28UNF	0.189	0.531	1.126			
SA202	15	40	28.6	19.1	12	6.5	M6 x 1	4.8	13.5	28.6	9600	4600	0.10
SA202-9	9/16												
SA202-10	5/8	1.5748	1.126	0.7520	0.4724	0.256	1/4-28UNF	0.189	0.531	1.126			
SA203	17	40	28.6	19.1	12	6.5	M6 x 1	4.8	13.5	28.6	9600	4600	0.09
SA203-11	11/16	1.5748	1.126	0.7520	0.4724	0.256	1/4-28UNF	0.189	0.531	1.126			
SA204	20	47	31	21.5	14	7.5	M6 x 1	4.8	13.5	33.3	12900	6650	0.16
SA204-12	3/4	1.8504	1.220	0.8465	0.5512	0.295	1/4-28UNF	0.189	0.531	1.311			
SA205	25	52	31	21.5	15	7.5	M6 x 1	4.8	13.5	38.1	14000	7850	0.20
SA205-13	13/16												
SA205-14	7/8												
SA205-15	15/16	2.0472	1.220	0.8465	0.5906	0.295	1/4-28UNF	0.189	0.531	1.500			
SA205-16	1												
SA206	30	62	35.7	23.8	16	9	M8 x 1	6	15.9	44.5	19500	11300	0.30
SA206-17	1-1/16												
SA206-18	1-1/8	2.4409	1.406	0.9370	0.6299	0.354	5/16-24	0.236	0.626	1.752			
SA206-19	1-3/16												
SA206-20	1-1/4												
SA207	35	72	38.9	25.4	17	9.5	M8 x 1	6.8	17.5	55.6	25700	15300	0.42
SA207-20	1-1/4												
SA207-21	1-5/16												
SA207-22	1-3/8	2.8346	1.531	1.000	0.6693	0.374	5/16-24UNF	0.268	0.689	2.189			
SA207-23	1-7/16												
SA208	40	80	43.7	30.2	18	11	M8 x 1	6.8	18.3	60.3	29500	18100	0.60
SA208-24	1-1/2	3.1496	1.721	1.1890	0.7087	0.433	5/16-24UNF	0.268	0.720	2.374			
SA208-25	1-9/16												
SA209	45	85	43.7	30.2	19	11	M8 x 1	6.8	18.3	63.5	31600	20600	0.76
SA209-26	1-5/8												
SA209-27	1-11/16	3.3465	1.721	1.1890	0.7480	0.433	5/16-24UNF	0.268	0.720	2.500			
SA209-28	1-3/4												
SA210	50	90	43.7	30.2	20	11	M8 x 1	6.8	18.3	69.9	35000	23200	0.91
SA210-29	1-13/16												
SA210-30	1-7/8	3.5433	1.721	1.1890	0.7874	0.433	5/16-24UNF	0.268	0.720	2.752			
SA210-31	1-15/16												
SA210-32	2												
SA211	55	100	48.4	32.5	21	12	M10x1	8	20.7	76.2	43500	29800	1.26
SA211-32	2												
SA211-33	2-1/16	3.9370	1.906	1.2795	0.8268	0.472	3/8-24UNF	0.315	0.815	3.000			
SA211-34	2-1/8												
SA211-35	2-3/16												
SA212	60	110	53.1	37.2	22	13.5	M10 x 1	8	22.3	84.2	47700	32900	1.70
SA212-36	2-1/4												
SA212-37	2-5/16	4.3307	2.091	1.4646	0.8661	0.532	3/8-24UNF	0.315	0.878	3.315			
SA212-38	2-3/8												
SA212-39	2-7/16												

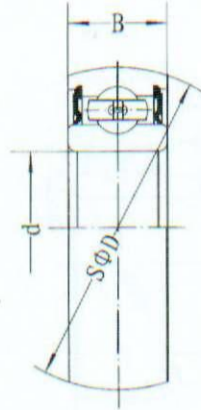


Suffix UNF: Inch sized set screws

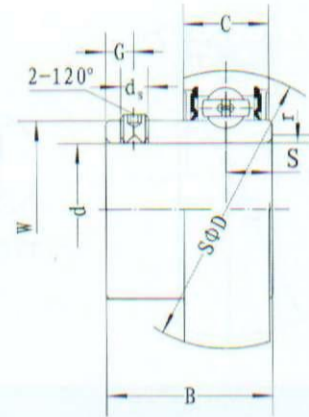
Bearing No.	Dimensions								Dynamic load ratings N	Dynamic static load ratings N	Weight (kg)							
	d	D	B	C	S	S <sub>1</sub>	d <sub>1</sub>	G										
SB201	12	40	22	12	6	16	M5 x 0.8	4.5	9600	4600	0.10							
SB201-8	1/2	1.5748	0.8661	0.4724	0.236	0.630	10 <sup>#</sup> -32	0.177										
SB202	15	40	22	12	6	16	M5 x 0.8	4.5	7360	4480	0.10							
SB202-9	9/16	1.5748	0.8661	0.4724	0.236	0.630	10 <sup>#</sup> -32	0.177										
SB202-10	5/8																	
SB203	17	40	22	12	6	16	M5 x 0.8	4.5	9600	4600	0.09							
SB203-11	11/16	1.5748	0.8661	0.4724	0.236	0.630	10 <sup>#</sup> -32	0.177										
SB204	20	47	25	14	7	18	M6 x 1	4.5	12800	6650	0.13							
SB204-12	3/4	1.8504	0.9843	0.5512	0.276	0.709	1/4-28UNF	0.177										
SB205	25	52	27	15	7.5	19.5	M6 x 1	5.5	14000	7850	0.16							
SB205-13	13/16	2.0472	1.0630	0.5906	0.295	0.768	1/4-28UNF	0.217										
SB205-14	7/8																	
SB205-15	15/16																	
SB205-16	1																	
SB206	30											62	30	16	8	22	M6 x 1	6
SB206-17	1-1/16								2.4409	1.1811	0.6299	0.315	0.866	1/4-28UNF	0.236	19500	11300	0.25
SB206-18	1-1/8																	
SB206-19	1-3/16																	
SB206-20	1-1/4																	
SB207	35	72	32	17	8.5	23.5	M8 x 1	6.5										
SB207-20	1-1/4	2.8346	1.2598	0.6693	0.335	0.925	5/16-24UNF	0.256										
SB207-21	1-5/16																	
SB207-22	1-3/8																	
SB207-23	1-7/16																	
SB208	40								80	34	18	9	25	M8 x 1	7			
SB208-24	1-1/2								3.1496	1.3386	0.7087	0.354	0.984	5/16-24UNF	0.276	29500	18100	0.58
SB208-25	1-9/16																	
SB209	45	85	41.2	19	10.2	31	M8 x 1	8.2										
SB209-26	1-5/8	3.3465	1.6220	0.7480	0.402	1.220	5/16-24UNF	0.323	31600	20600	0.8							
SB209-27	1-11/16																	
SB209-28	1-3/4																	
SB210	50	90	43.5	20	10.9	32.6	M10 x 1	9.2	35000	23200	0.8							
SB210-29	1-13/16																	
SB210-30	1-7/8																	
SB210-31	1-15/16																	
SB210-32	2	3.5433	1.7126	0.7874	0.429	1.283	3/8-24UNF	0.362										
SB211	55								100	45.3	21	11.8	33.5	M10 x 1	9.8			
SB211-32	2								3.9370	1.7835	0.8268	0.465	1.319	3/8-24UNF	0.386	43500	25200	1.1
SB211-33	2-1/16																	
SB211-34	2-1/8																	
SB211-35	2-3/16																	
SB212	60	110	53.7	22	14.9	38.8	M10 x 1	9.8	47700	32900	1.3							
SB212-36	2-1/4																	
SB212-37	2-5/16																	
SB212-38	2-3/8																	
SB212-39	2-7/16																	

**Ball Bearings**

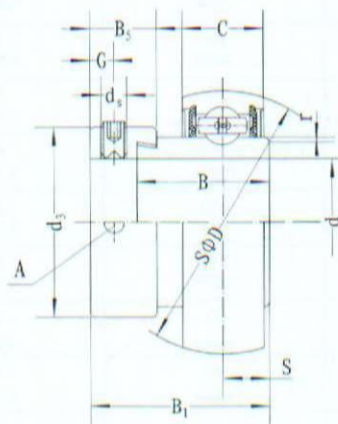
**SC2** (Light-duty)  
**SC3** (Heavy-duty)



Bearing No	Dimensions <small>mm in.</small>			Dynamic load ratings N	static load ratings N	Weight (kg)
	d	D	B			
SC200	10 0.3937	30 1.1811	9 0.3543	5100	2230	0.031
SC201	12 0.4724	32 1.2598	10 0.3937	6800	3050	0.033
SC202	15 0.5906	35 1.3780	11 0.4331	7600	3490	0.043
SC203	17 0.6693	40 1.5748	12 0.4724	9600	4600	0.061
SC204	20 0.7874	47 1.8504	14 0.5512	12800	6650	0.098
SC205	25 0.9843	52 2.0473	15 0.5906	14000	7850	0.122
SC206	30 1.1181	62 2.0472	16 0.6299	19500	11300	0.195
SC207	35 1.3780	72 2.8346	17 0.6693	25700	15300	0.280
SC208	40 1.5748	80 3.1496	18 0.7087	29500	18100	0.358
SC209	45 1.7717	85 3.3465	19 0.7480	31600	20600	0.405
SC210	50 1.9685	90 3.5433	20 0.7874	35000	23200	0.449
SC211	55 2.1654	100 3.9370	21 0.8268	43500	29200	0.589
SC212	60 2.3622	110 4.3307	22 0.8661	47700	32900	0.774
SC302	15 0.5906	42 1.6535	13 0.5118	11440	5430	0.076
SC303	17 0.6693	47 1.8504	14 0.5512	13585	6560	0.105
SC304	20 0.7874	52 2.0472	15 0.5906	15938	7810	0.137
SC305	25 0.9843	62 2.4409	17 0.6693	22400	11500	0.211
SC306	30 1.1181	72 2.8346	19 0.7480	26700	15000	0.338
SC307	35 1.3780	80 3.1496	21 0.8268	33500	19100	0.439
SC308	40 1.5748	90 3.5433	23 0.9055	40500	24000	0.618
SC309	45 1.7717	100 3.9370	25 0.9843	52800	31800	0.810
SC310	50 1.9685	110 4.3307	27 1.0630	61800	37900	1.048
SC311	55 2.1654	120 4.7244	29 1.1417	71500	44700	1.326
SC312	60 2.3622	130 5.1181	31 1.2205	81700	51800	1.659



Bearing NO.	Dimensions-mm							Dynamic load ratings N	static load ratings N	weight (kg)
	d	D	B	C	S	G	ds			
K 000	10	26	14	8	4	3	M3 x 0.35	4600	1960	0.02
K 001	12	28	14.5	8	4	3	M3 x 0.35	5090	2400	0.03
K 002	15	32	16.5	9	4.5	3.5	M4 x 0.50	5580	2840	0.04
K 003	17	35	17.5	10	5	3.5	M4 x 0.50	5970	3280	0.05
K 004	20	42	21	12	6	4	M5 x 0.50	9350	5040	0.09
K 005	25	47	22.5	12	6	4.5	M5 x 0.50	10090	5830	0.10
K 006	30	55	24.5	13	6.5	5	M5 x 0.50	13230	8280	0.15



**U000(Lihgt-daty)**

**Ball Bearings  
 (with eccentric locking collar)**

Bearing NO.	Dimensions-mm										Dynamic load ratings N	static load ratings N	weight (kg)
	d	D	B1	B	C	S	B5	d3	G	ds			
U 000	10	26	17.5	11	8	4	8.5	17	3.5	M4 x 0.7	4600	1960	0.03
U 001	12	28	17.5	11	8	4	8.5	19	3.5	M4 x 0.7	5090	2400	0.04
U 002	15	32	18.5	12	9	4.5	8.5	22	3.5	M4 x 0.7	5580	2840	0.05
U 003	17	35	20.5	13.5	10	5	9.5	25	3.5	M4 x 0.7	5970	3280	0.06
U 004	20	42	24.5	16.5	12	6	11	30	5	M5 x 0.8	9350	5040	0.10
U 005	25	47	25.5	17.5	12	6	12	36	5	M5 x 0.8	10090	5830	0.14
U 006	30	55	26.5	18.5	13	6.5	12	42	5	M5 x 0.8	13230	8280	0.14
U 007	35	62	29.5	20	14	7	13.5	48	5	M6 x 0.75	15920	10290	0.25

## Stainless Steel Bearing Units

FK100% stainless steel units are manufactured from select grade of stainless steel which has been carefully to meet the asked for:

- Optimal corrosion resistance
- Bearing life is excellent, it is not limited to the life of the coating and/or nickel plating.
- Scratches and mars have absolutely no effect on the bearing's ability to resist rust and corrosion
- Excellent for use in food processing, beverage, curative, and other high-corrosive application.

### Material

Description	Material
Inner & Outer rings	AISI440C Stainless steel
Balls	AISI440C Stainless steel
Cage	AISI304 Stainless steel
Lubrication	Food grease
Seal	Nitril rubber
Slinger	AISI304 Stainless steel
Set Screw	AISI304 Stainless steel
Housing	AISI304 Stainless steel
Grease Nipple	AISI304 Stainless steel
End-cover	AISI304 Stainless steel
Range of operating temperature	- 20°C + 120°C

### Type & Dimensions

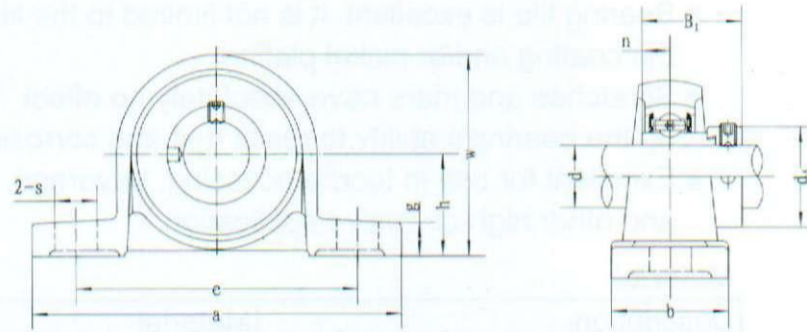
Description	Interchange
S-UC2 Series	Page No. 82
S-HC2 Series	Page No. 83
S-SER2 Series	Page No. 90
S-SA2 Series	Page No. 91
S-SB2 Series	Page No. 92
S-SC2 Series	Page No. 93
S-K000, S-U000 Series	Page No. 94
SS-UCP2 Series	Page No. 23
SS-UCF2 Series	Page No. 31
SS-UCFC2 Series	Page No. 40
SS-UCFL2 Series	Page No. 45
SS-UCT2 Series	Page No. 53
SS-UCPA2 Series	Page No. 66
SS-UCFB2 Series	Page No. 70
SS-UCHA2 Series	Page No. 71
SS-UP000, UFL000 Series	Page No. 96
SS-KP000, KFL000 Series	Page No. 97



- Rustproff housings made with a special alloy or stainless steel AISI304
- Bearings are high carbon chromlum bearing steel or stainless steel AISI440C

**UP 000 type\***

PILLOW BLOCKS  
Extra Narrow Width Eccentric Collar Locking

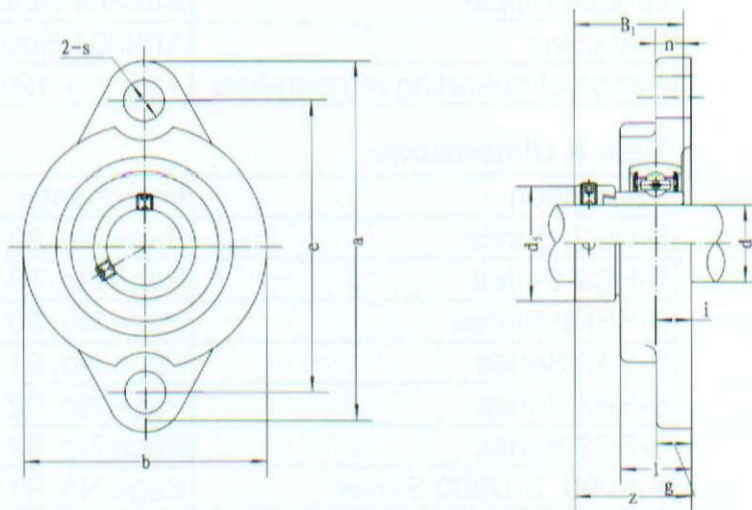


Unit No.	Dimensions mm in.												Bolt Used mm	Bearing NO.	Housing NO.	Weight (kg)
	d	h	a	e	b	s	g	w	B <sub>1</sub>	n	d <sub>s</sub>					
UP000	10	18	67	53	16	7	6	35	17.5	4	17		M6	U000	P000	0.08
UP001	12	19	71	56	16	7	6	38	17.5	4	19		M6	U001	P001	0.09
UP002	15	22	80	63	16	7	7	43	18.5	4.5	22		M6	U002	P002	0.13
UP003	17	24	85	67	18	7	7	47	20.5	5	25		M6	U003	P003	0.16
UP004	20	28	100	80	20	10	9	55	24.5	6	30		M8	U004	P04-5	0.23
UP005	25	32	112	90	20	10	10	62	25.5	6	36		M8	U005	P05-6	0.29
UP006	30	36	132	106	26	13	11	70	26.5	6.5	42		M10	U006	P06-7	0.45

\*ALSO AVAILABLE WITH STAINLESS STEEL COVERS.

**UFL 000 type\***

WO-BOLT FLANGE UNITS  
Extra Narrow Width Eccentric Collar Locking



Unit No.	Dimensions mm in.													Bolt Used mm	Bearing NO.	Housing NO.	Weight (kg)
	d	a	e	l	g	l	s	b	z	B <sub>1</sub>	n	d <sub>s</sub>					
UFL000	10	60	45	5.5	5.5	11.5	7	36	19	17.5	4	17		M6	U000	FL000	0.06
UFL001	12	63	48	5.5	5.5	11.5	7	38	19	17.5	4	19		M6	U001	FL001	0.07
UFL002	15	67	53	6.5	6.5	13	7	42	20.5	18.5	4.5	22		M6	U002	FL002	0.10
UFL003	17	71	56	7	7	14	7	46	22.5	20.5	5	25		M6	U003	FL003	0.13
UFL004	20	90	71	8	8	16	10	55	26.5	24.5	6	30		M8	U004	FL04-5	0.20
UFL005	25	95	75	8	8	16	10	60	27.5	25.5	6	36		M8	U005	FL05-6	0.24
UFL006	30	112	85	9	9	18	13	70	29	26.5	6.5	42		M10	U006	FL06-7	0.35
UFL007	35	122	95	10	10	20	13	80	32.5	29.5	7	48		M10	U007	FL07-8	0.50

\*ALSO AVAILABLE WITH STAINLESS STEEL COVERS.

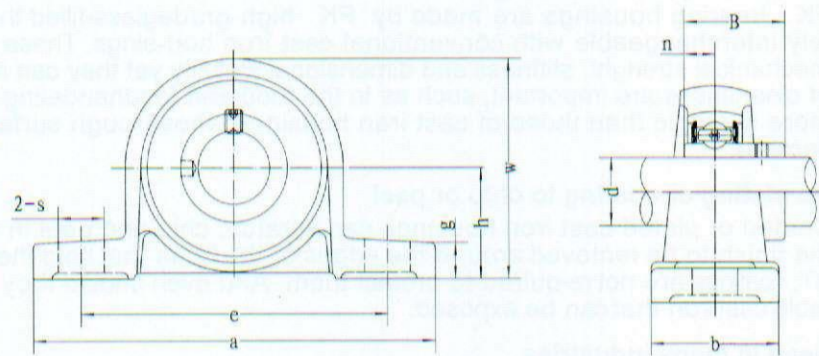
**SILEVER SERIES**

**KP**  
**KFL** (Light-duty)

- Rustproff housings made with a special alloy or stainless steel AISI304
- Bearings are high carbon chromlum bearing steel or stainless steel AISI440C

**KP 000 type\***

PILLOW BLOCKS  
Extra Narrow Width Eccentric Collar Locking

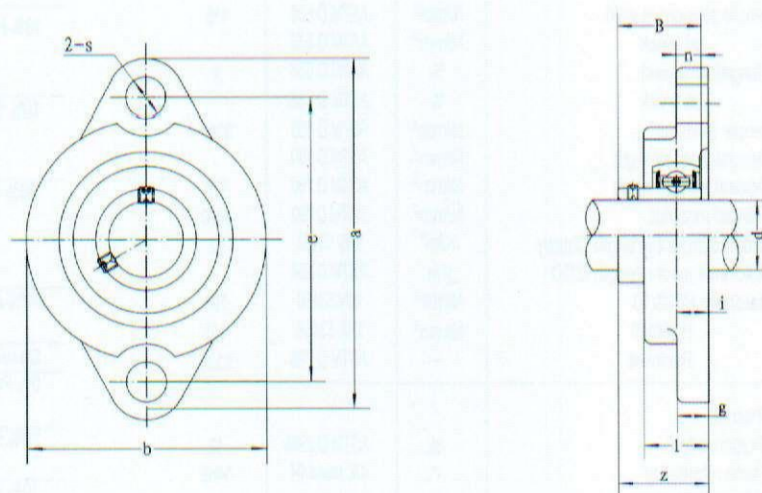


Unit No.	Dimensions mm in.											Bolt Used mm	Bearing NO.	Housing NO.	Weight (kg)
	d	h	a	e	b	s	g	w	B	n					
KP000	10	18	67	53	16	7	6	35	17.5	4			K000	P000	0.07
KP001	12	19	71	56	16	7	6	38	14.5	4	M6	K001	P001	0.09	
KP002	15	22	80	63	16	7	7	43	16.5	4.5		K002	P002	0.13	
KP003	17	24	85	67	18	7	7	47	17.5	5	M6	K003	P003	0.16	
KP004	20	28	100	80	20	10	9	55	21	6	M8	K004	P04-5	0.23	
KP005	25	32	112	90	20	10	10	62	22.5	6	M8	K005	P05-6	0.29	
KP006	30	36	132	106	26	13	11	70	24.5	6.5	M10	K006	P06-7	0.45	

\*ALSO AVAILABLE WITH STAINLESS STEEL COVERS.

**KFL 000 type\***

WO-BOLT FLANGE UNITS  
Extra Narrow Width Eccentric Collar Locking



Unit No.	Dimensions mm in.											Bolt Used mm	Bearing NO.	Housing NO.	Weight (kg)	
	d	a	e	i	g	l	s	b	z	B	n					
KFL000	10	60	45	5.5	5.5	11.5	7	36	15.5	14	4			K000	FL000	0.06
KFL001	12	63	48	5.5	5.5	11.5	7	38	16	14.5	4	M6	K001	FL001	0.07	
KFL002	15	67	53	6.5	6.5	13	7	42	18.6	16.5	4.5		K002	FL002	0.10	
KFL003	17	71	56	7	7	14	7	46	19.5	17.5	5	M6	K003	FL003	0.13	
KFL004	20	90	71	8	8	16	10	55	23	21	6	M8	K004	FL04-5	0.20	
KFL005	25	95	75	8	8	16	10	60	24.5	22.5	6	M8	K005	FL05-6	0.25	
KFL006	30	112	85	9	9	18	13	70	27	24.5	6.5	M10	K006	FL06-7	0.35	

\*ALSO AVAILABLE WITH STAINLESS STEEL COVERS.



### Thermoplastic mounted units

The high grade thermoplastic raw material, from which FK manufactures its plastic products endow the final products with a collection of properties which make them very successful and sought after products in the food and chemical industry. Main properties: high strength, low friction, high wear and shock resistance, high chemical resistance and antirust.

#### FK Thermoplastic housings

FK bearing housings are made by FK high-grade glass-filled thermoplastic polyester and they are completely interchangeable with conventional cast iron housings. These maintenance-free housings have excellent mechanical strength, stiffness and dimensional stability, yet they can never rust or corrode. Where high standards of cleanliness are important, such as in the food and food handling industries, their smooth surfaces are much more hygienic than those of cast iron housings whose rough surfaces can harbor objectionable dirt, mold or bacteria.

#### No plating or coating to chip or peel

Coated or plated cast iron housings can scratch, chip and peel in fact, the very act of installing them causes the finish to be removed around the edges of the bolts that hold them in place. Because FK housings are solid PBT, coatings are not required to protect them. And even should they be scratched or chipped, there is no vulnerable cast iron that can be exposed.

#### Used in many industries

Because of their corrosion-resistant and non-magnetic properties, FK housings are used in a wide variety of industries, including: food processing, canning, bottling, pharmaceutical, chemical processing and in many general industrial applications.

#### FK Housings are durable

You can be completely confident that FK plastic housings will stand out to the toughest applications. Tensile strength at break is an impressive 17,300 psi. The housings can be cleaned or hosed down with hot water, and will operate at temperatures to 102°C bolts and stainless steel grease nipples.

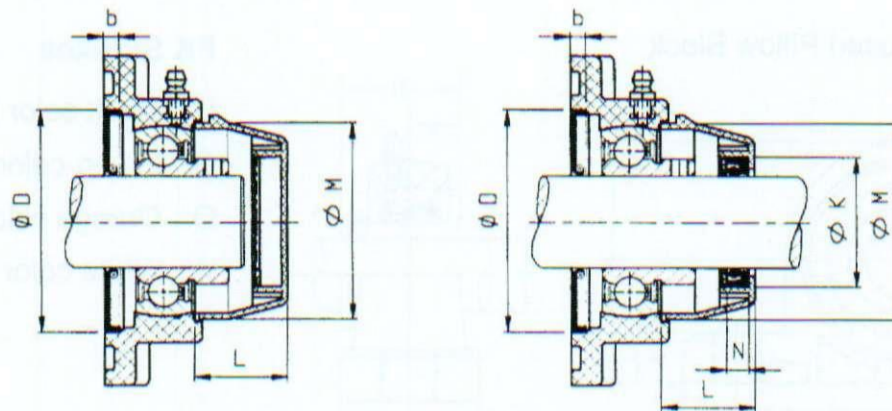
#### PROPERTIES OF PBT

Properties	Unit	Test method	
<b>Mechanical</b>			
Tensile strength at yield	N/mm <sup>2</sup>	ASTM D 638	115
at break	N/mm <sup>2</sup>	ASTM D 638	-
Elongation at yield	%	ASTM D 638	3
at break	%	ASTM D 638	-
Tensile modulus	N/mm <sup>2</sup>	ASTM D 638	8000
Flexural yield strength	N/mm <sup>2</sup>	ASTM D 790	-
Flexural yield strength	N/mm <sup>2</sup>	ASTM D 790	170
Flexural modulus	N/mm <sup>2</sup>	ASTM D 790	7000
Notched impact strength Charpy	KJ/m <sup>2</sup>	DIN 53453	12
Notched impact strength IZOD	J/m	ASTM D 256	-
Hardness H358/10	N/mm <sup>2</sup>	DIN 53456	104
H358/60	N/mm <sup>2</sup>	DIN 53456	101
Rockwell	-	ASTM D 785	L102
<b>Thermal</b>			
Oxygen index*	%	ASTM D 2863	19
Flame retardancy* (1/6mm thickness)	-	UL stand 94	94HB
Heat resistance: Vicat, method B	°C	ASTM D 1525	210-215
Thermal conductivity	W/m <sup>2</sup> C	ASTM C 177	0.19
Mould shrinkage flow	%	ASTM D 1299	0.4-0.6
Cross flow direction	%	ASTM D 1299	0.6-0.8
<b>Physical</b>			
Water absorption 24 Hrs, 23°C	%	ASTM D 570	0.06

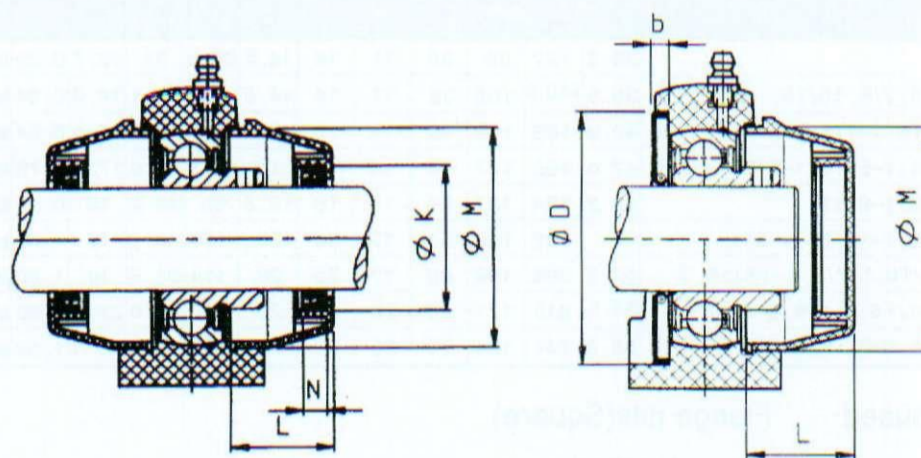
#### CHEMICAL RESISTANCE OF PBT

Chemical media	°C	Immersion % Days	% Retention of strength
<b>Acids</b>			
10% Hydrochloric	23	30	89
	23	90	85
	23	180	82
10% Sulfuric	23	30	97
	23	90	94
	23	180	90
36% Sulfuric (battery)	23	30	97
	23	180	96
	66	30	84
10% Acetic	23	30	89
	23	180	88
	66	180	35
<b>Bases</b>			
5% Potassium Hydroxide	23	30	83
	23	90	10
10% Sodium Hydroxide	23	30	2
	23	180	-
10% Ammonium Hydroxide	23	30	90
	23	90	87
	23	180	58
<b>Organic Solvents</b>			
Ethyl Alcohol	23	30	99
	23	180	94
Methyl Alcohol	23	30	91
	23	180	76
Isopropyl-Alcohol	23	30	100
	23	180	100
Isopropyl-Alcohol & Water (50:50)	23	30	93
	23	180	96
Turpentine	23	180	92
	23	30	66
Acetone	23	180	63
	23	30	90

Plastic and Covers (Open / Close) & Back seal



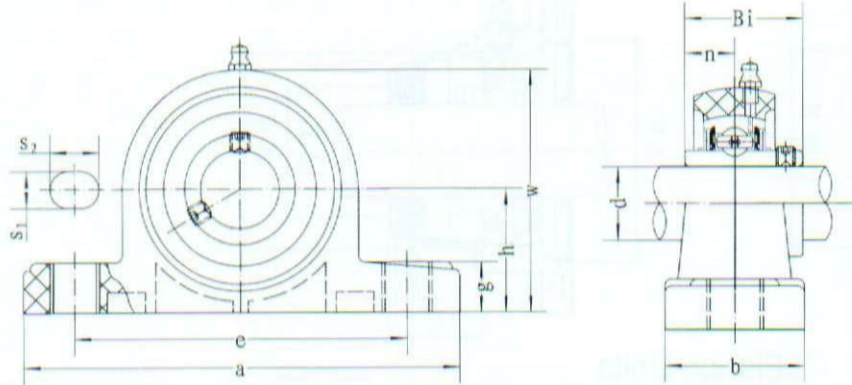
Flange Units



Pillow Blocks Units

Shaft diameter		Dimensions (mm)					
mm	inch	K	N	L	M	D	b
12	1/2	32	7	23	50	52	6
15	9/16 5/8	32	7	23	50	52	6
17	11/16	32	7	23	50	52	6
20	3/4	32	7	23	50	52	6
25	13/16 7/8 15/16 1	37	7	25	55	62	6
30	1-1/16 1-1/8 1-3/16 1-1/4	42	7	30	64	72	6
35	1-1/4 1-15/16 1-3/8 1-7/16	47	7	32	74.5	82	6
40	1-1/2 1-9/16	52	7	37	84	88	6
45	1-5/8 1-11/16 1-3/4	57	7	41	89	93	6
50	1-13/16 1-7/8 1-15/16 2	62	7	47	94	98	6
55	2 2-1/16, 2-1/8, 2-3/16,	67	7	52	104	108	6
60	2-1/4, 2-5/16, 2-3/8, 2-7/16,	72	7	57	114	118	6

**Thermoplastic Housed Pillow Block**

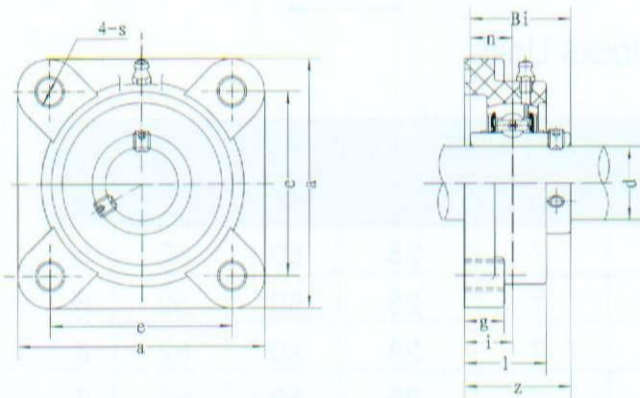


**FK Suffixes**

- B: Black color Housing
- G: Green color Housing
- O: Orange color housing
- W: White color housing

Unit No.	Shaft diameter		Dimensions (mm)										Weight (Kg)	Max. Torque Bolt D Nm	Housing No.	Bearing No.	
	mm	inch	h	a	e	b	s <sub>1</sub>	s <sub>2</sub>	g	w	Bi	n					
UCPPL204B0	20	3/4	33.3	127	95	38	11	14	14.2	65.5	31	12.7	0.29	M10	18	PPL204	UC204BO
UCPPL205B0	25	13/16, 7/8, 15/16,	36.5	140.5	105	38	11	14	14.5	71	34.1	14.3	0.34	M10	25	PPL205	UC205BO
UCPPL206B0	30	1-1/16, 1-1/8, 1-3/16, 1-1/4,	42.9	163	119	46	14	18	17.8	84	38.1	15.9	0.54	M10	30	PPL206	UC206BO
UCPPL207B0	35	1-1/4, 1-5/16, 1-3/8, 1-7/16	47.6	168	127	48	14	18	18	94.5	42.9	17.5	0.78	M12	35	PPL207	UC207BO
UCPPL208B0	40	1-1/2, 1-9/16,	49.2	184	137	54	14	18	19.5	99	49.2	19	0.97	M12	45	PPL208	UC208BO
UCPPL209B0	45	1-5/8, 1-11/16, 1-3/4,	54	192	146	54	17	20	23	106	49.2	19	1.09	M16	50	PPL209	UC209BO
UCPPL210B0	50	1-13/16, 1-7/8, 1-15/16, 2	57.2	206	159	60	17	20	23	114	51.6	19	1.20	M16	55	PPL210	UC210BO
UCPPL211B0	55	2, 2-1/16, 2-1/8, 2-3/16,	63.5	219	171	60	20	23	23	125	55.6	22.2	1.38	M16	60	PPL211	UC211BO
UCPPL212B0	60	2-1/4, 2-5/16, 2-3/8, 2-7/16,	69.8	241	184	70	20	23	25	138	65.1	25.4	1.52	M16	65	PPL212	UC212BO

**Thermoplastic Housed Flange nits(Square)**

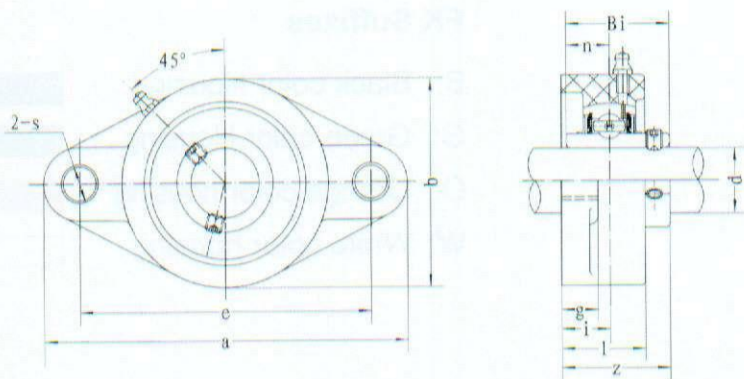


**FK Suffixes**

- B: Black color Housing
- G: Green color Housing
- O: Orange color housing
- W: White color housing

Unit No.	Shaft diameter		Dimensions (mm)										Weight (Kg)	Max. Torque Bolt D Nm	Housing No.	Bearing No.
	mm	inch	a	e	g	l	s	z	i	Bi	n					
UCFPL204B0	20	3/4	86	63.5	13.4	27.8	11	36.3	18	31	12.7	0.29	M10	18	FPL204	UC204BO
UCFPL205B0	25	13/16, 7/8, 15/16, 1	95	70	14.3	28	11	36.7	17	34.1	14.3	0.36	M10	25	FPL205	UC205BO
UCFPL206B0	30	1-1/16, 1-1/8, 1-3/16, 1-1/4,	107	83	14.3	31.5	11	41.4	19.2	38.1	15.9	0.50	M10	30	FPL206	UC206BO
UCFPL207B0	35	1-1/4, 1-5/16, 1-3/8, 1-7/16	118	92	15.5	34.8	13	46.9	21.5	42.9	17.5	0.74	M12	35	FPL207	UC207BO
UCFPL208B0	40	1-1/2, 1-9/16,	130	102	17	37.5	14	53.2	23	49.2	19	0.97	M12	40	FPL208	UC208BO
UCFPL209B0	45	1-5/8, 1-11/16, 1-3/4,	137	105	19	41	17	54.2	24	49.2	19	1.10	M16	45	FPL209	UC209BO
UCFPL210B0	50	1-13/16, 1-7/8, 1-15/16, 2	143	111	21	43	17	57.6	25	51.6	19	1.25	M16	50	FPL210	UC210BO
UCFPL211B0	55	2-1/16, 2-1/8, 2-3/16,	162	130	20	43	19	63	25	55.6	22.2	1.40	M16	55	FPL211	UC211BO
UCFPL212B0	60	2-1/4, 2-5/16, 2-3/8, 2-7/16,	175	143	20	48	19	73.5	29	65.1	25.4	1.60	M16	60	FPL212	UC212BO

**Thermoplastic Housed Flange Blocks**

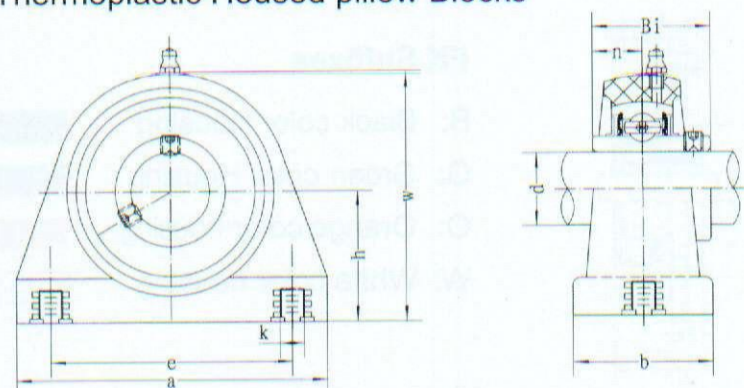


**FK Suffixes**

- B: Black color Housing
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Unit No.	Shaft diamer		Dimensi ons(mm)										Weight (kg)	Max. Torque		Housing No.	Bear ing No.
	mm	inch	a	e	b	g	l	s	z	i	Bi	n		Bolt D	Nm		
UCFLPL204BO	20	3/4	130	90	70	11.4	26.5	11	33.7	15.4	31	12.7	0.24	M10	18	FLPL204	UC204BO
UCFLPL205BO	25	13/16, 7/8, 15/16, 1	131	99	69.5	13.5	29.1	11	36.7	17	34	14.3	0.30	M10	25	FLPL205	UC205BO
UCFLPL206BO	30	1-1/16, 1-1/8, 1-3/16, 1-1/4	148	117	80	13.3	30.5	11	41.2	19	38.1	15.9	0.45	M10	30	FLPL206	UC206BO
UCFLPL207BO	35	1-1/4, 1-5/16, 1-3/8, 1-7/16	164	130	90	16.1	32.5	13	43.4	18	42.9	17.5	0.66	M12	35	FLPL207	UC207BO
UCFLPL208BO	40	1-1/2, 1-9/16	176	144	100	20	37.5	14	51.7	21.5	49.2	19	0.87	M12	40	FLPL208	UC208BO
UCFLPL209BO	45	1-5/8, 1-11/16, 1-2/4	188.5	148.5	108	21	41	17	54.2	24	49.2	19	1.00	M16	45	FLPL209	UC209BO
UCFLPL210BO	50	1-13/16, 1-7/8, 1-15/16, 2	197	157	115	21	43	17	57.6	25	51.6	19	1.20	M16	50	FLPL210	UC210BO
UCFLPL211BO	55	2, 2-1/16, 2-1/8, 2-3/16	224	184	130	18	43	19	63	25	55.6	22.2	1.42	M16	55	FLPL211	UC211BO
UCFLPL212BO	60	2-1/4, 2-5/16, 2-5/8, 2-7/16	250	202	140	18	48	23	73.5	29	65.1	25.4	1.60	M16	60	FLPL212	UC212BO

**Thermoplastic Housed pillow Blocks**

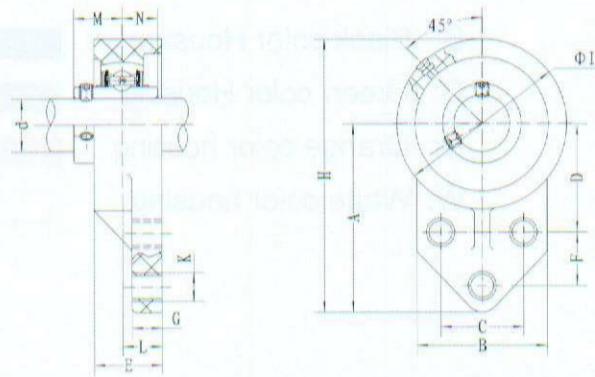


**FK Suffixes**

- B: Black color Housing
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- O: Orange color housing
- W: White color housing

Unit No.	Shaft diamer		Dimensi ons(mm)							Weight (kg)	Max. Torque		Housing No.	Bear ing No.	
	mm	inch	a	e	b	h	w	k	Bi		n	Bolt D			Nm
UCTBL204BO	20	3/4	72.8	50.8	34.5	33.3	66	M8	31	12.7	0.35	M8	18	TBL204	UC204BO
UCTBL205BO	25	13/16, 7/8, 15/16, 1	76.2	50.8	39.5	36.5	73.5	M10	34.1	14.3	0.40	M10	25	TBL205	UC205BO
UCTBL206BO	30	1-1/16, 1-1/8, 1-3/16, 1-1/4	101	76.2	42.5	42.9	84	M10	38.1	15.9	0.55	M10	30	TBL206	UC206BO
UCTBL207BO	35	1-1/4, 1-5/16, 1-3/8, 1-7/16	110	82.6	47.5	47.6	95	M10	42.9	17.5	0.80	M10	35	TBL207	UC207BO
UCTBL208BO	40	1-1/2, 1-9/16	120	88.9	48	49.2	100.5	M12	49.2	19	0.95	M12	45	TBL208	UC208BO
UCTBL209BO	45	1-5/8, 1-11/16, 1-2/4	124	95.3	50	54	108.5	M12	49.2	19	1.10	M12	50	TBL209	UC209BO
UCTBL210BO	50	1-13/16, 1-7/8, 1-15/16, 2	135	101.6	54	57.2	115	M16	51.6	19	1.25	M16	55	TBL210	UC210BO
UCTBL210BO	55	2, 2-1/16, 2-1/8, 2-3/16	140	104	66	63.5	125	M20	55.6	22.2	1.43	M20	60	TBL211	UC211BO
UCTBL212BO	60	2-1/4, 2-5/16, 2-5/8, 2-7/16	150	114	68	69.9	138	M20	65.1	25.4	1.58	M20	65	TBL212	UC212BO

**Thermoplastic Housed Flange Units**

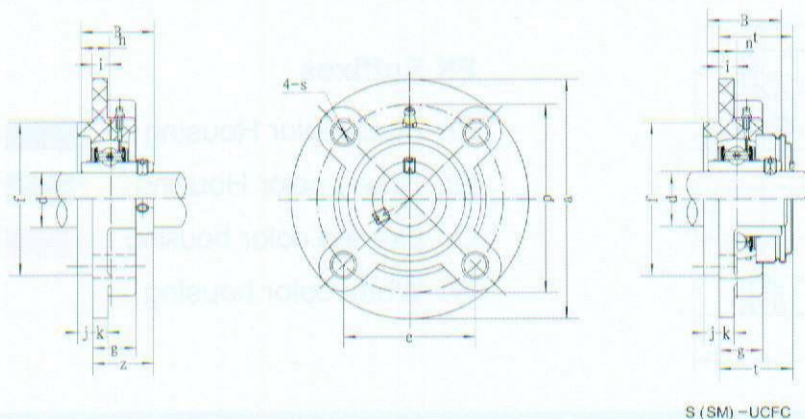


**FK Suffixes**

- B: Black color Housing
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- W: White color housing

Unit No.	Shaft diamer		Dimensi ons(mm)											Weight (kg)	Max. Torque		Housing No.	Bear ing No.
	mm	inch	B	C	D	E	F	G	H	I	K	M	N		Bolt D	Nm		
UCFBPL204BO	20	3/4	62	38.1	42.9	33.7	22.2	11.4	108	63.5	10.7	19.8	12.7	0.25	M10	18	FBPL204	UC204BO
UCFBPL205BO	25	13/16, 7/8, 15/16, 1	63.5	41.3	46	41.2	28.6	11.4	120.6	70	10.7	19.8	14.3	0.30	M10	25	FBPL205	UC205BO
UCFBPL206BO	30	1-1/16, 1-1/8, 1-3/16, 1-1/4,	76	47.6	52.4	41.5	31.8	13.3	138.5	83	10.7	22.2	15.9	0.46	M10	30	FBPL206	UC206BO
UCFBPL207BO	35	1-1/4, 1-5/16, 1-3/8, 1-7/16	89	50.8	60.3	47.1	31.8	16.1	157	95	13.1	25.4	17.5	0.66	M12	35	FBPL207	UC207BO
UCFBPL208BO	40	1-1/2, 1-9/16,	78	50	60	36	41	16	164	100	13.1	30.2	19	0.78	M12	40	FBPL208	UC208BO
UCFBPL209BO	45	1-5/8, 1-11/16, 1-2/4,	80	54	65	38	43	18	174	106	13.1	30.2	19	0.92	M12	45	FBPL209	UC209BO
UCFBPL210BO	50	1-13/16, 1-7/8, 1-15/16, 2	86	58	68	40	46	18	184	112	13.1	32.6	19	1.12	M12	50	FBPL210	UC210BO
UCFBPL211BO	55	2, 2-1/16, 2-1/8, 2-3/16,	90	62	78	43	50	18	207	130	16	33.4	22.2	1.47	M14	55	FBPL211	UC211BO
UCFBPL212BO	60	2-1/4, 2-5/16, 2-5/8, 2-7/16,	94	66	84	48	55	18	223	140	16	39.7	25.4	1.63	M14	60	FBPL212	UC212BO

**Thermoplastic Housed Flange cartridge units**

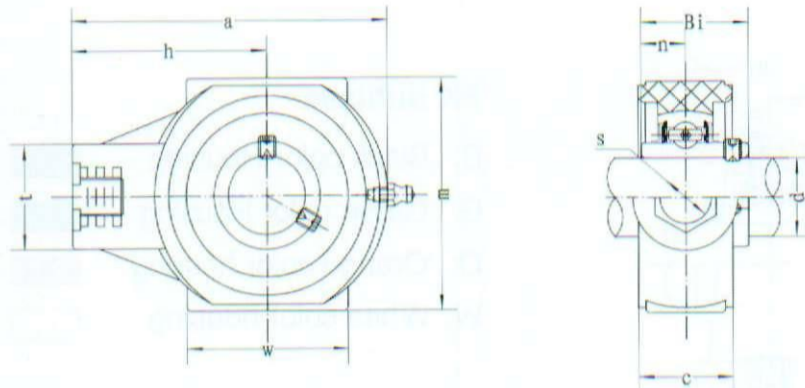


**FK Suffixes**

- B: Black color Housing
- G: Green color Housing
- O: Orange color housing
- W: White color housing

Unit No.	Shaft diamer		Dimensi ons(mm)													Weight (kg)	Max. Torque		Housing No.	Bear ing No.
	mm	inch	a	p	e	i	s	j	k	g	f	z	t	B	n		Bolt D	Nm		
UCFCPL204BO	20	3/4	100	78	55.1	10	12	6	7	20.5	62	28.3	32.5	31	12.7	0.59	M10	18	FCPL204	UC204BO
UCFCPL205BO	25	13/16, 7/8, 15/16, 1	115	90	63.6	10	12	6	7	21	70	29.8	34	34.1	14.3	0.71	M10	25	FCPL205	UC205BO
UCFCPL206BO	30	1-1/16, 1-1/8, 1-3/16, 1-1/4,	125	100	70.7	10	12	8	9	23	80	32.2	36.5	38.1	15.9	0.94	M10	30	FCPL206	UC206BO
UCFCPL207BO	35	1-1/4, 1-5/16, 1-3/8, 1-7/16	135	110	77.8	11	14	8	9	26	90	36.4	41	42.9	17.5	1.17	M12	35	FCPL207	UC207BO
UCFCPL208BO	40	1-1/2, 1-9/16,	145	120	84.8	11	14	10	9	26	100	41.2	45.5	49.2	19	1.42	M12	40	FCPL208	UC208BO
UCFCPL209BO	45	1-5/8, 1-11/16, 1-2/4,	160	132	93.3	10	16	12	14	26	105	40.2	44.5	49.2	19	1.55	M14	45	FCPL209	UC209BO
UCFCPL210BO	50	1-13/16, 1-7/8, 1-15/16, 2	165	138	97.6	10	16	12	14	28	110	42.6	47.5	51.6	19	1.76	M14	50	FCPL210	UC210BO
UCFCPL211BO	55	2, 2-1/16, 2-1/8, 2-3/16,	185	150	106.1	13	19	12	15	31	125	46.4	51	55.6	22.2	2.15	M16	55	FCPL211	UC211BO
UCFCPL212BO	60	2-1/4, 2-5/16, 2-5/8, 2-7/16,	195	160	113.1	17	19	12	15	36	135	56.7	61.5	65.1	25.4	2.64	M16	60	FCPL212	UC212BO

**Thermoplastic Housed screw conveyor Hanger Units**



**FK Suffixes**

- B: Black color Housing
- G: Green color Housing
- O: Orange color housing
- W: White color housing

Unit No.	Shaft diameter		Dimensions(mm)										Weight (kg)	Housing No.	Bearing No.	
	mm	inch	a	c	d	h	m	s	t	v	w	Bi				n
UCTPL204B0	20	3/4	99	27.5	12	64	76	M16	36	88	47	31	12.7	0.35	TPL204	UC204B0
UCTPL205B0	25	13/16, 7/8, 15/16, 1	99	27.5	12	64	76	M16	36	88	47	34.1	14.3	0.40	TPL205	UC205B0
UCTPL206B0	30	1-1/16, 1-1/8, 1-3/16, 1-1/4	125	34.5	12	76	89	M16	40	102	63	38.1	15.9	0.55	TPL206	UC206B0
UCTPL207B0	35	1-1/4, 1-5/16, 1-3/8, 1-7/16	125	34.5	12	76	89	M16	40	102	63	42.9	17.5	0.80	TPL207	UC207B0
UCTPL208B0	40	1-1/2, 1-9/16	140	34.5	16	85	102	M16	40	114	80	49.2	19	0.95	TPL208	UC208B0
UCTPL209B0	45	1-5/8, 1-11/16, 1-3/4	149	40	16	90	102	M20	50	117	85	49.2	19	1.10	TPL209	UC209B0
UCTPL210B0	50	1-13/16, 1-17/8, 1-15/16, 2	149	40	16	90	102	M20	50	117	85	51.6	19	1.25	TPL210	UC210B0
UCTPL211B0	55	2, 2-1/16, 2-1/8, 2-3/16	171	38	22	106	130	M20	64	146	95	55.6	22.2	1.62	TPL211	UC211B0
UCTPL212B0	60	2-1/4, 2-5/16, 2-3/8, 2-7/16	194	42	22	119	130	M20	64	146	102	65.1	25.4	1.78	TPL212	UC212B0

**Thermoplastic Housed screw conveyor Hanger Units**

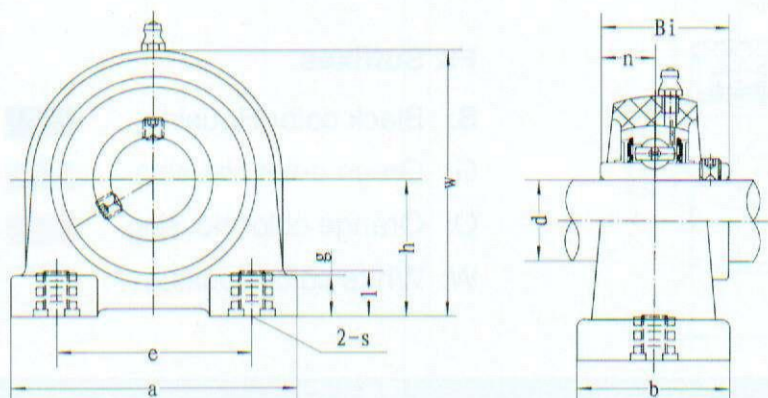


**FK Suffixes**

- B: Black color Housing
- G: Green color Housing
- O: Orange color housing
- W: White color housing

Unit No.	Shaft diameter		Dimensions(mm)										Weight (kg)	Housing No.	Bearing No.
	mm	inch	a	c	h	m	s	t	w	Bi	n				
UCHPL204B0	20	3/4	99	27.5	64.5	65	M16	36	47	31	12.7	0.35	HPL204	UC204B0	
UCHPL205B0	25	13/16, 7/8, 15/16, 1	99	27.5	64.5	74	M16	36	47	34.1	14.3	0.40	HPL205	UC205B0	
UCHPL206B0	30	1-1/16, 1-1/8, 1-3/16, 1-1/4	125	34.5	76	90	M16	40	63	38.1	15.9	0.55	HPL206	UC206B0	
UCHPL207B0	35	1-1/4, 1-5/16, 1-3/8, 1-7/16	125	34.5	76	90	M16	40	63	42.9	17.5	0.80	HPL207	UC207B0	
UCHPL208B0	40	1-1/2, 1-9/16	140	34.5	85	100	M16	40	80	49.2	19	0.90	HPL208	UC208B0	
UCHPL209B0	45	1-5/8, 1-11/16, 1-3/4	149	40	90	100	M20	50	85	49.2	19	1.10	HPL209	UC209B0	
UCHPL210B0	50	1-13/16, 1-17/8, 1-15/16, 2	149	40	90	100	M20	50	85	51.6	19	1.20	HPL210	UC210B0	
UCHPL211B0	55	2, 2-1/16, 2-1/8, 2-3/16	171	38	106	140	M20	64	95	55.6	22.2	1.40	HPL211	UC211B0	
UCHPL212B0	60	2-1/4, 2-5/16, 2-3/8, 2-7/16	194	42	119	140	M20	64	102	65.1	25.4	1.52	HPL212	UC212B0	

**Thermoplastic Housed Pillow Blocks**

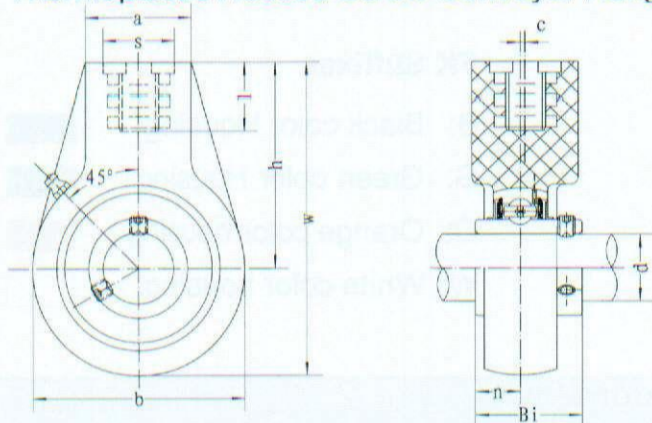


**FK Suffixes**

- B: Black color Housing
- G: Green color Housing
- O: Orange color housing
- W: White color housing

Unit No.	Shaft diameter		Dimensions(mm)										Weight (kg)	Max. Torque		Housing No.	Bearing No.
	mm	inch	h	a	e	b	s	g	l	w	Bi	n		Boil D	Nm		
UCPAPL204BO	20	3/4	30.2	76	52	40	M8	15	11	62	31	12.7	0.55	M10	18	PAPL204	UC204BO
UCPAPL205BO	25	13/16, 7/8, 15/16, 1	36.5	84	56	38	M10	15	12	72	34.1	14.3	0.61	M10	25	PAPL205	UC205BO
UCPAPL206BO	30	1-1/16, 1-1/8, 1-3/16, 1-1/4	42.9	94	66	50	M10	18	12	84	38.1	15.9	0.89	M14	30	PAPL206	UC206BO
UCPAPL207BO	35	1-1/4, 1-5/16, 1-2/8, 1-7/16	47.6	110	80	55	M10	20	13	95	42.9	17.5	1.31	M14	35	PAPL207	UC207BO
UCPAPL208BO	40	1-1/2, 1-9/16	49.2	116	84	58	M12	20	13	100	49.2	19	1.56	M14	40	PAPL208	UC208BO
UCPAPL209BO	45	1-5/8, 1-11/16, 1-3/4	54.2	120	90	60	M12	25	13	108	49.2	19	1.70	M14	45	PAPL209	UC209BO
UCPAPL210BO	50	1-13/16, 1-7/8, 1-15/16, 2	57.2	130	94	64	M16	25	14	116	51.6	19	1.93	M16	50	PAPL210	UC210BO
UCPAPL211BO	55	2, 2-1/16, 2-1/8, 2-3/16,	63.5	140	104	66	M16	25	14	125	55.6	22.2	2.33	M16	55	PAPL211	UC211BO
UCPAPL212BO	60	2-1/4, 2-5/16, 2-3/8, 2-7/16	69.9	150	114	68	M16	25	15	138	65.1	25.4	0.55	M16	60	PAPL212	UC212BO

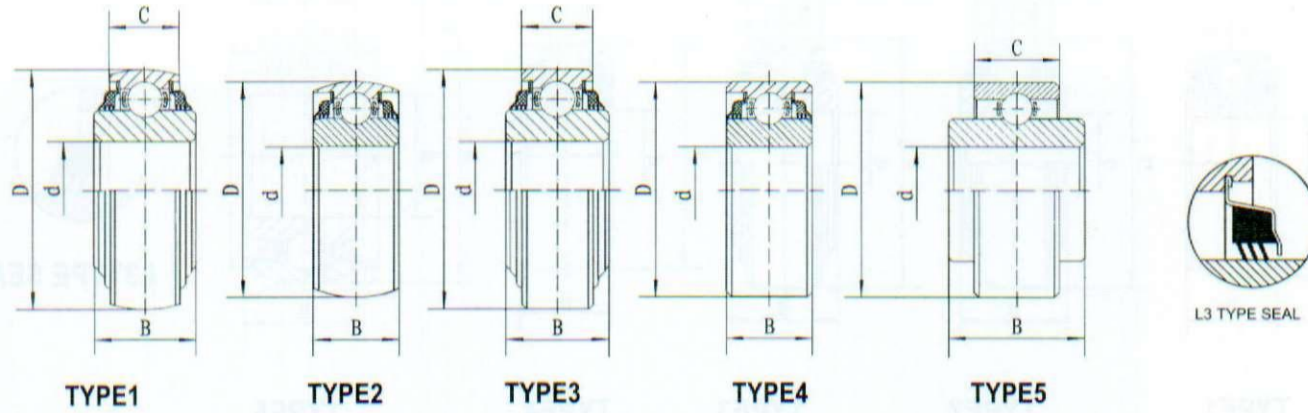
**Thermoplastic Housed Screw Conveyor Hanger Units**



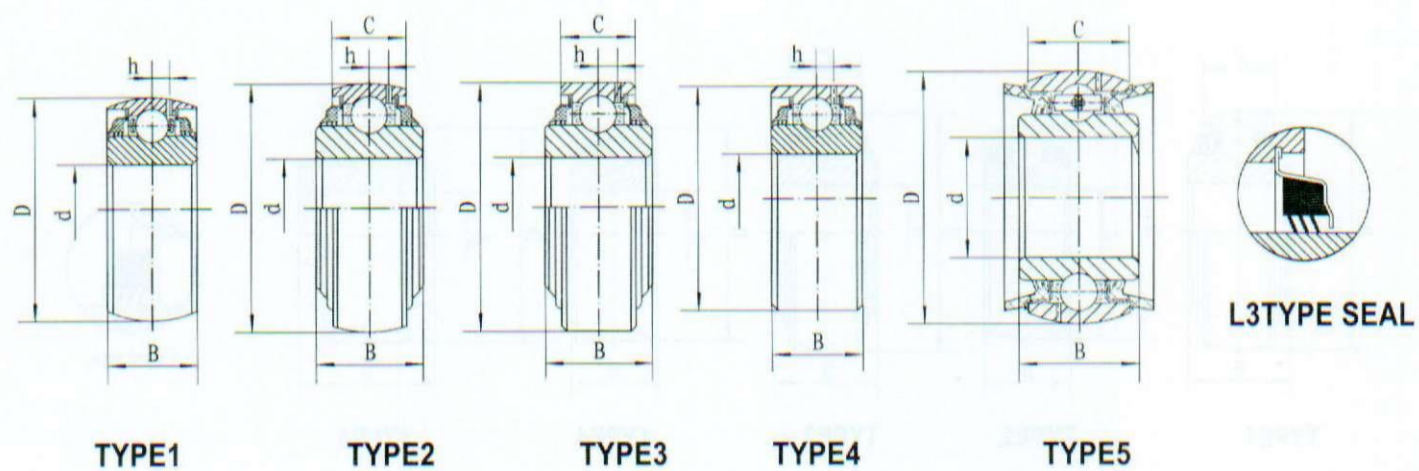
**FK Suffixes**

- B: Black color Housing
- G: Green color Housing
- O: Orange color housing
- W: White color housing

Unit No.	Shaft diameter		Dimensions(mm)										Weight (kg)	Max. Torque		Housing No.	Bearing No.
	mm	inch	h	w	b	c	a	s	l	Bi	n	Boil D		Nm			
UCHAPL204BO	20	3/4	64	96	64	0	40	M16	19	31	12.7	0.48	M8	18	HAPL204	UC204BO	
UCHAPL205BO	25	13/16, 7/8, 15/16, 1	64	103	78	0	40	M20	19	34.1	14.3	0.57	M10	25	HAPL205	UC205BO	
UCHAPL206BO	30	1-1/16, 1-1/8, 1-3/16, 1-1/4	64	102	78	0	40	M20	19	38.1	15.9	0.80	M10	30	HAPL206	UC206BO	
UCHAPL207BO	35	1-1/4, 1-5/16, 1-2/8, 1-7/16	70	116	92	0	40	M20	19	42.9	17.5	1.10	M10	35	HAPL207	UC207BO	
UCHAPL208BO	40	1-1/2, 1-9/16	73	121	96	2	40	M20	19	49.2	19	1.35	M12	45	HAPL208	UC208BO	
UCHAPL209BO	45	1-5/8, 1-11/16, 1-3/4	82	136	108	5	48	M20	21	49.2	19	1.46	M12	50	HAPL209	UC209BO	
UCHAPL210BO	50	1-13/16, 1-7/8, 1-15/16, 2	83	142	118	5	48	M24	21	51.6	19	1.67	M16	55	HAPL210	UC210BO	
UCHAPL211BO	55	2, 2-1/16, 2-1/8, 2-3/16,	87	150	126	7	60	M30	25	55.6	22.2	2.07	M20	60	HAPL211	UC211BO	
UCHAPL212BO	60	2-1/4, 2-5/16, 2-3/8, 2-7/16	102	173	142	9	60	M30	28	65.1	25.4	0.63	M20	65	HAPL212	UC212BO	



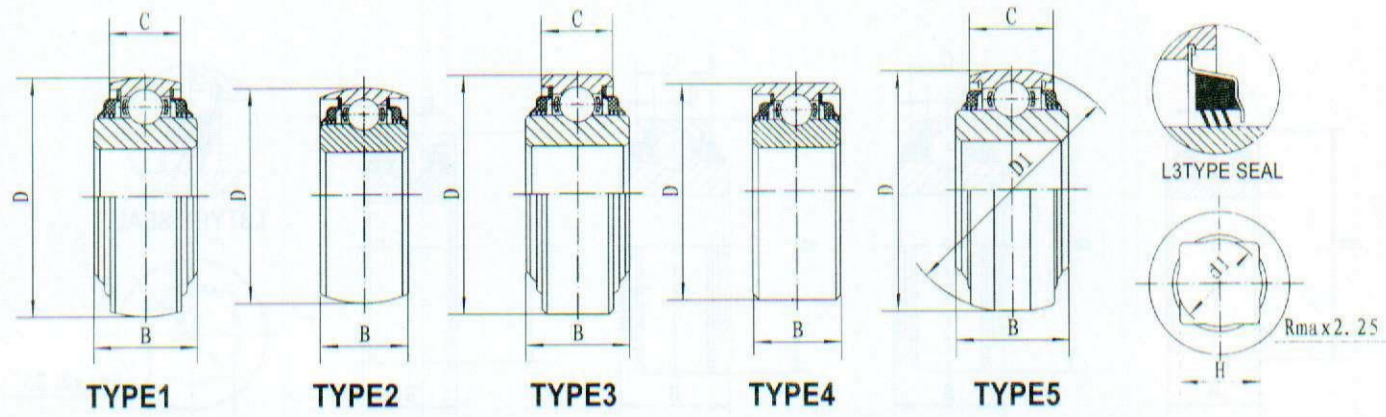
Bearing No	Type	Dimensions <sup>mm</sup> <sub>in.</sub>				Dynamic load ratings N	static load ratings N	Weight (kg)
		d	D	C	B			
W208PPB 2	1	1.5005	3.1496	0.7090	1.6913	29500	18100	0.598
		38.113	80.000	18.00	42.96			
W208PPB 7	1	1.180	3.1496	0.7090	1.1890	29500	18100	0.558
		30.175	80.000	18.00	30.20			
W208PPB 10	3	1.5005	3.1496	0.8268	1.6913	29500	18100	0.817
		38.113	80.000	21.00	42.96			
W208PPB 23	1	1.5005	3.1496	1.1890	1.6913	29500	18100	0.817
		38.113	80.000	30.20	42.96			
W209PPB 2	2	1.7717	3.3465	1.1890	1.1890	31600	20600	0.566
		45.000	85.000	30.20	30.20			
W209PPB 4	2	1.5350	3.3465	1.1890	1.1890	31600	20600	0.659
		39.000	85.000	30.20	30.20			
W209PPB 11	1	1.7811	3.3465	0.8660	1.4370	31600	20600	0.573
		45.240	85.000	22.00	36.50			
W210PP 2	4	1.9380	3.5433	1.1890	1.1890	35000	23200	0.667
		49.225	90.000	30.20	30.20			
W210PPB 2	2	1.9390	3.5433	1.1890	1.1890	35000	23200	0.708
		49.225	90.000	30.20	30.20			
W210PPB 5	2	1.7850	3.5433	1.1890	1.1890	35000	23200	0.749
		45.340	90.000	30.20	30.20			
W210PP 8	4	1.5300	3.5433	1.1890	1.1890	35000	23200	0.836
		38.862	90.000	30.20	30.20			
W211PP 2	4	2.1800	3.9370	1.3110	1.3110	43500	29200	1.010
		55.575	100.000	33.30	33.30			
W211PPB 2	2	2.1800	3.9370	1.3110	1.3110	43500	29200	0.810
		55.575	100.000	33.30	33.30			
W214PP 2	4	2.7559	4.9213	1.5630	1.5630	60800	45000	1.902
		70.000	125.000	39.70	39.70			
W214PPB 2	2	2.7559	4.9213	1.5630	1.5630	60800	45000	1.667
		70.000	125.000	39.70	39.70			
W214PPB 9	1	2.7661	4.9213	1.1024	1.7500	60800	45000	1.902
		70.260	125.000	28.00	44.45			
WIR210-31	5	1.937	2.543	0.787	1.937	35000	23200	0.740
		49.2	90	20	49.2			
WIR211-33	5	2.063	3.937	0.827	2.189	43500	29200	1.122
		52.388	100	21	56.6			
WIR212-39	5	2.437	4.331	0.866	2.437	47700	32900	1.249
		61.912	110	22	61.9			



Bearing No	Type	Dimensions <sup>mm</sup> <sub>in.</sub>					Dynamic load ratings N	static load ratings N	Weight (kg)
		d	D	C	B	h			
GW205PPB 7	2	0.9375	2.0472	0.5906	1.3780	0.1693	14000	7850	0.202
		23.812	52.000	15.00	35.00	4.30			
GW208PPB 7	2	1.1880	3.1496	0.9450	1.1890	0.2520	29500	18100	0.600
		30.175	80.000	24.00	30.20	6.40			
GW209PPB 2	1	1.7717	3.3465	1.1890	1.1890	0.2598	31600	20600	0.582
		45.000	85.000	30.20	30.20	6.60			
GW209PPB 4	1	1.5354	3.3465	1.1890	1.1890	0.2598	31600	20600	0.603
		39.000	85.000	30.20	30.20	6.60			
GW209PPB 11	2	1.7811	3.3465	0.8660	1.4370	0.2598	31600	20600	0.573
		45.240	85.000	22.00	36.50	6.60			
GW210PPB 2	1	1.9380	3.5433	1.1890	1.1890	0.2598	35000	23200	0.616
		49.225	90.000	30.20	30.20	6.60			
GW210PPB 3	4	1.4766	3.5233	1.1890	1.1890	0.2598	35000	23200	1.022
		37.530	90.000	30.20	30.20	6.60			
GW210PPB 5	1	1.7850	3.5433	1.1890	1.1890	0.2598	35000	23200	0.648
		45.340	90.000	30.20	30.20	6.60			
GW210PPB 9	3	1.9449	3.5433	0.9055	1.4370	0.2598	35000	23200	0.793
		49.400	90.000	23.00	36.50	6.60			
GW211PP 2	4	2.1890	3.9370	1.3126	1.3126	0.2992	43500	29200	0.880
		55.575	100.000	33.30	33.30	7.60			
GW211PPB 2	1	2.1880	3.9370	1.3126	1.3126	0.2992	43500	29200	0.810
		55.575	100.000	33.30	33.30	7.60			
GW211PPB 8	2	2.1880	3.9370	0.9840	1.3126	0.2992	43500	29200	0.750
		55.575	100.000	25.00	33.30	7.60			
GW211PPB 9	2	2.1949	3.9370	0.984	1.563	0.2992	43500	29200	0.917
		55.750	100.000	25	39.7	7.60			
GW211PPB 10	1	1.9380	3.9370	1.3126	1.3126	0.2992	43500	29200	1.026
		49.225	100.000	33.30	33.30	7.60			
GW211PPB 13	2	1.7850	3.9370	0.9840	1.3126	0.2992	43500	29200	0.985
		45.340	100.000	25.00	33.30	7.60			
GW211PPB 14	2	2.0150	3.9370	0.9840	1.3126	0.2992	43500	29200	0.990
		51.180	100.000	25.00	33.30	7.60			
GW211PPB 20	5	2.1949	3.9370	1.2992	1.5748		43500	29200	1.038
		55.750	100.000	33.00	40.00				
GW214PP 2	4	2.7559	4.9213	1.5630	1.5630	0.3543	60800	45000	1.902
		70.000	125.000	39.70	39.70	9.00			
GW214PPB 2	1	2.7559	4.9213	1.5630	1.5630	0.3543	60800	45000	1.666
		70.000	125.000	39.70	39.70	9.00			
GW214PPB 6	4	2.6882	4.9213	1.1024	2.6874	0.3543	60800	45000	1.362
		68.280	125.000	28.00	68.26	9.00			
GW309PPB 2	2	1.7717	3.9370	1.0630	1.8740	0.3386	52880	31800	0.980
		45.000	100.000	27.00	47.60	8.60			

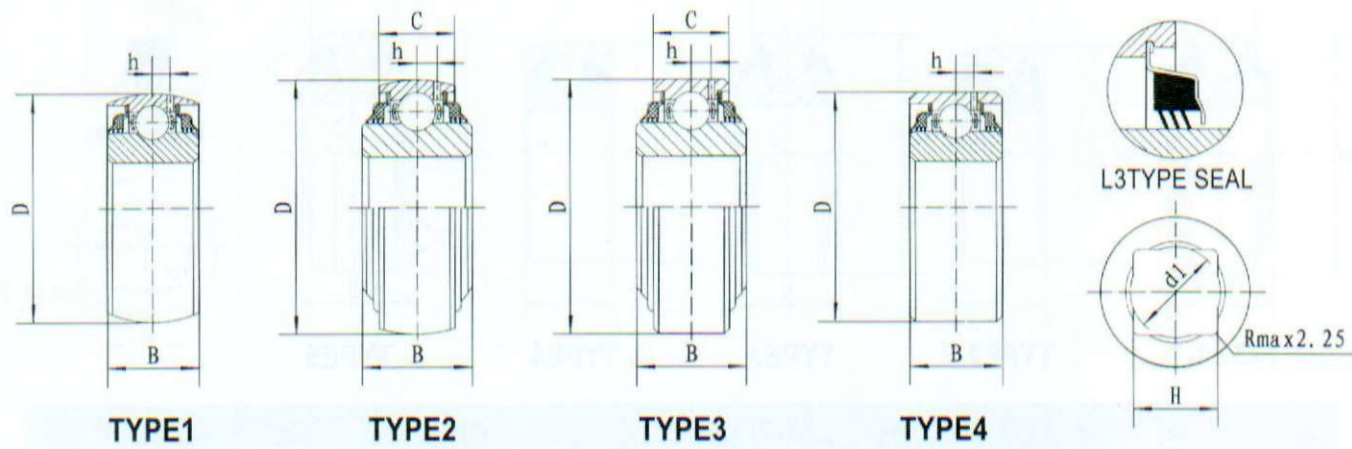
Square Bore

Non-Relubricatable Series



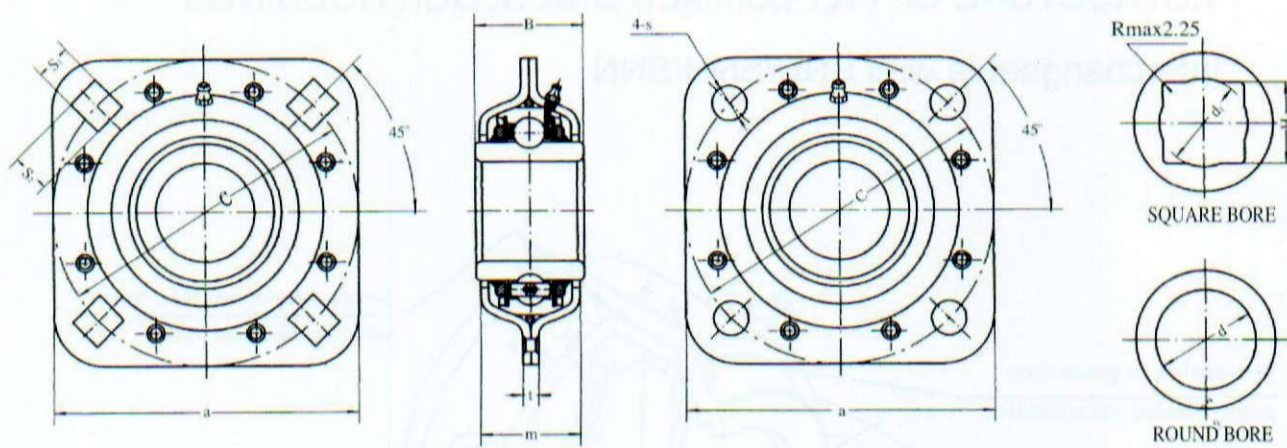
Bearing No	Type	Dimensions						Dynamic load ratings N	static load ratings N	Weight (kg)
		H	d1	D	D1	C	B			
W208PP 5	3	1.1800	1.2598	3.1496		0.7090	1.4370	29500	18100	0.600
		29.972	32.000	80.000		18.00	36.50			
W208PPB 5	1	1.1800	1.2598	3.1496		0.7090	1.4370	29500	18100	0.590
		29.972	32.000	80.000		18.00	36.50			
W208PP 6	3	1.0300	1.0945	3.1496		0.7090	1.4370	29500	18100	0.662
		26.162	27.800	80.000		18.00	36.50			
W208PPB 6	1	1.0300	1.0945	3.1496		1.1890	1.4370	29500	18100	0.652
		26.162	27.800	80.000		18.00	36.50			
W208PP 8	3	1.1800	1.2598	3.1496		1.1890	1.4370	29500	18100	0.709
		29.972	32.000	80.000		30.20	36.50			
W208PPB 8	1	1.1800	1.2598	3.1496		1.1890	1.4370	29500	18100	0.735
		29.972	32.000	80.000		30.20	36.50			
W208PPB 9	1	1.0300	1.0945	3.1496		1.1890	1.4370	29500	18100	0.788
		26.162	27.800	80.000		30.20	36.50			
W208PPB 11	5	0.9050	0.9764	3.4020	0.4385	1.1890	1.4370	29500	18100	0.956
		22.987	24.800	85.750	87.338	30.20	36.50			
W208PPB 12	5	1.1800	1.2598	3.4020	0.4385	1.1890	1.4370	29500	18100	0.953
		29.972	32.000	85.750	87.338	30.20	36.50			
W208PPB 13	1	0.9050	0.9764	3.1496		0.7090	1.4370	29500	18100	0.690
		22.987	24.800	80.000		18.00	36.50			
W209PPB 5	1	1.2900	1.3504	3.3465		1.1890	1.4370	31600	20600	0.945
		32.766	34.300	85.000		30.20	36.50			
W209PPB 8	1	1.2900	1.3504	3.3465		0.7480	1.4370	31600	20600	0.723
		32.766	34.300	85.000		19.00	36.50			
W210PP 4	4	1.1800	1.2598	3.5433		1.1890	1.1882	35000	23200	1.049
		29.972	32.000	90.000		30.20	30.20			
W210PPB 4	2	1.1800	1.2598	3.5433		1.1890	1.1890	35000	23200	0.846
		29.972	32.000	90.000		30.20	30.20			
W210PPB 6	1	1.1800	1.2598	3.5433		1.1890	1.4370	35000	29200	0.733
		29.972	32.000	90.000		30.20	36.50			
W211PP 3	4	1.5311	1.6535	3.9370		1.3126	1.3126	43500	29200	1.271
		38.890	42.000	100.000		33.30	33.30			
W211PPB 3	2	1.5311	1.6535	3.9370		1.3126	1.3126	43500	29200	1.208
		38.890	42.000	100.000		33.30	33.30			
W211PP 5	3	1.5311	1.6535	4.0000		1.4370	1.7500	43500	29200	1.302
		38.890	42.000	101.600		36.50	44.45			
W211PPB 6	5	1.5311	1.6535	4.0772	4.1299	1.4370	1.7500	43500	29200	1.610
		38.890	42.000	103.560	104.90	36.50	44.45			
4509BA	3	1.2900	1.3504	3.3465		1.1890	1.3976	31600	20600	0.782
		32.766	34.300	85.000		30.20	35.50			

Hex bore bearing also available



Bearing No	Type	Dimensions <sup>mm</sup> / <sub>in.</sub>						Dynamic load ratings N	static load ratings N	Weight (kg)
		H	d1	D	C	B	h			
GW208PPB 5	2	1.1800 29.972	1.2598 32.000	3.1490 80.000	0.9450 24.00	1.4370 36.50	0.2520 6.40	29500	18100	0.635
GW208PPB 6	2	1.0300 26.162	1.0945 27.800	3.1490 80.000	0.9450 24.00	1.4370 36.50	0.2520 6.40	29500	18100	0.762
GW208PPB 8	2	1.1800 29.972	1.2598 32.000	3.1490 80.000	1.1890 30.20	1.4370 36.50	0.2520 6.40	29500	18100	0.658
GW209PPB 5	2	1.2900 32.766	1.3504 34.300	3.3465 85.000	1.1890 30.20	1.4370 36.50	0.2598 6.60	31600	20600	0.795
GW209PPB 8	2	1.2900 32.766	1.3504 34.300	3.3465 85.000	0.8661 22.00	1.4370 36.50	0.2598 6.60	31600	20600	0.749
GW209PPB 17	2	1.1800 29.972	1.260 32.000	3.3155 85.738	1.1890 30.20	1.4370 36.50	0.2598 6.60	31600	20600	1.922
GW210PPB 4	1	1.1800 29.972	1.2598 32.000	3.5433 90.000	1.1890 30.20	1.1890 30.20	0.2598 6.60	35000	23200	0.840
GW211PPB 3	4	1.5311 38.890	1.6535 42.000	3.9370 100.00	1.3126 33.30	1.3126 33.30	0.2992 7.60	43500	29200	1.106
GW211PPB 3	1	1.5311 38.890	1.6535 42.000	3.9370 100.00	1.3126 33.30	1.3126 33.30	0.2992 7.60	43500	29200	1.036
GW211PP 5	3	1.5311 38.890	1.6535 42.000	4.0000 101.60	1.4370 36.50	1.7500 44.45	0.2992 7.60	43500	29200	1.302
GW211PP 17	3	1.5311 38.890	1.6535 42.000	3.9370 100.00	1.3126 33.30	1.7500 44.45	0.2992 7.60	43500	29200	1.252
GW214PPB 4	1	2.0550 52.200	2.1610 54.900	4.9213 125.00	1.5630 39.70	1.5630 39.70	0.3543 9.00	60800	45000	2.157

Hex bore bearing also available



Unit No.	Dimensions											Dynamic load ratings N	static load ratings N
	mm												
	H	d	a	B	m	t	C	s	s <sub>1</sub>	s <sub>2</sub>	d		
ST209-1-1/8	29.972	---	127	42.8	42	6	127	13.5	13.5	17.45	32.0	31600	20600
ST209-30S	31.353	---	127	42.8	42	6	127	13.5	13.5	17.45	34.5	31600	20600
ST209-1-1/4	32.766	---	127	42.8	42	6	127	13.5	13.5	17.45	34.5	31600	20600
ST491B	---	38.860	127	42.8	42	6	127	13.5	13.5	17.45	---	31600	20600
ST209-40R	---	40.878	127	42.8	42	6	127	13.5	13.5	17.45	---	31600	20600
ST491A	---	45.000	127	42.8	42	6	127	13.5	13.5	17.45	---	31600	20600
ST209-45R	---	45.340	127	42.8	42	6	127	13.5	13.5	17.45	---	31600	20600
ST491AS	---	45.000	121	46	42	6	121	13.5	---	---	---	31600	20600
ST211-1-1/2	38.890	---	139.7	50.8	46	8	139.7	13.5	13.5	17.45	42.0	43500	29200
ST211-40S	40.878	---	139.7	50.8	46	8	139.7	13.5	13.5	17.45	43.1	43500	29200
ST211-50R	---	50.400	139.7	50.8	46	8	139.7	13.5	13.5	17.45	---	43500	29200
ST211-55R	---	55.575	139.7	50.8	46	8	139.7	13.5	13.5	17.45	---	43500	29200
ST211-1-3/4	---	45.212	139.7	55.6	46	8	139.7	13.5	13.5	17.45	---	43500	29200
ST211-2-3/16	---	55.575	139.7	55.6	46	8	139.7	13.5	13.5	17.45	---	43500	29200
ST211-1-15/16	---	49.238	139.7	69.9	46	8	139.7	13.5	13.5	17.45	---	43500	29200
ST211	---	55.000	139.7	55.6	46	8	139.7	13.5	13.5	17.45	---	43500	29200
ST740	---	55.562	139.7	55.6	45	7	139.7	13.5	13.5	17.45	---	43500	29200