



ROLIMA[®]



ROLIMA BEARING UNITS

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ROLIMA

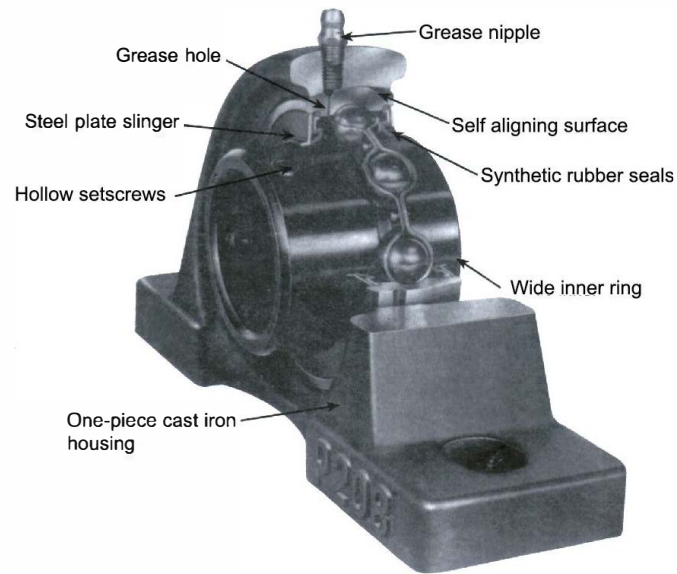
CONTENT

ROLIMA BEARING UNITS.

- 1. Introduction -----1
- 2. Structure of Pillow blocks -----2
- 3. Material of Ball Bearing Units -----3
 - 3.1 Materials of Bearing -----3
 - 3.2 Materials of Housing -----4
 - 3.3 Materials of other Components -----4
- 4. Accuracy of Ball Bearing Units -----4
 - 4.1 Radial internal clearance of Bearings -----4
 - 4.2 Dimensional accuracies of Bearings -----5
 - 4.3 Dimensional accuracies of Housings -----7
- 5. Allowable Load of Housings -----11
 - 5.1 Allowable loading capacity of Casting-iron Housing -----11
- 6. Lubrication of Ball Bearing Units -----12
 - 6.1 Permissible speed -----12
 - 6.2 Type of Grease Nipple -----13
 - 6.3 Lubricant grease -----13
 - 6.4 Replenishment of Grease -----13
- 7. Sealing devices -----14
- 8. Handlings -----15
 - 8.1 Installation -----15
 - 8.2 Test Run Inspection -----18
 - 8.3 Periodic Inspection -----19
 - 8.4 Supply of Grease -----20
 - 8.5 Replacing Bearings -----23
- 9. Type of ROLIMA Ball Bearing units -----24
- 10. Triple Seal Ball Bearing units -----31



2. STRUCTURE OF 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.

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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	Under 0.025	Under 0.025	0.90-1.20
2	SUJ2	0.95-1.10	0.15-0.35	Under 0.50	Under 0.025	Under 0.025	1.30-1.60
3	SUJ3	0.95-1.10	0.40-0.70	0.9-1.15	Under 0.025	Under 0.025	0.90-1.20

in order to maintain uniform quality of materials, **ROLIMA** 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 **ROLIMA** 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	Deflecti on		Hardness
			(kgf/mm ²)	(kgf/mm ²)	(mm)	kgf/mm ²	(HB)
HT200 (FC200)	Over 6-8	13	Over32	53	1.8	75	187-255
	Over 8-15	20	Over25	45	2.5	75	170-241
	Over 15-30	30	Over20	40	2.5	75	170-241
	Over 30-50	45	Over18	34	3.0	75	170-241
	Over 50	60	Over16	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	SNM630	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 temperatures 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

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

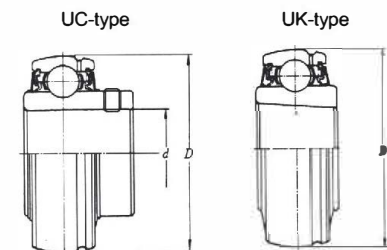
Bore diameter d(mm)		Clearance symbols							
		C2		Normal		C3		C4	
over	incl.	min.	max.	min.	max.	min.	max.	min.	max.
24	30	5	20	13	28	23	41	30	53
30	40	6	20	15	33	28	46	40	64
40	50	6	23	18	36	30	51	45	73
50	65	8	28	23	43	38	61	55	90
65	80	10	30	25	51	46	71	65	105
80	100	12	36	30	58	53	84	75	120
100	120	15	41	36	66	61	97	90	140
120	140	18	48	41	81	71	114	105	190

4.2. Dimensional Accuracies of Bearings

The dimensional accuracy of **ROLIMA** 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)		Δ Dmp		Kea
Over	incl.	max.	min.	max.
30	50	0	-11	20
50	80	0	-13	25
80	120	0	-15	35
420	150	0	-18	40
150	180	0	-25	45
180	250	0	-30	50



D-----outside diameter of bearing.
 Δ Dmp---deviation of mean outside diameter
 Kea-----radial runout of outer ring.

4.2.2 Accuracies of inner ring

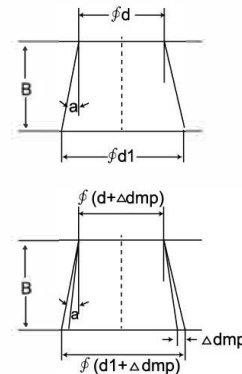
Unit=0.001mm

d(mm)		Cylindrical bore bearing								Kia
		Bore diameter						△ Bs, Cs		
		UC,HC,SA,SB,SER			SC			△ Bs, Cs		
		△ dmp		Vdp	△ 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.
 Δ dmp---deviation of mean bearing bore diameter in a single plane.
 Vdp---variation of bearing bore diameter in a single radial plane.
 Δ Bs-----deviation of a single inner ring width.
 Δ Cs-----deviation of a single outer ring width.
 Kia----radial runout of inner ring.

4.2.3 Accuracies of tapered bore

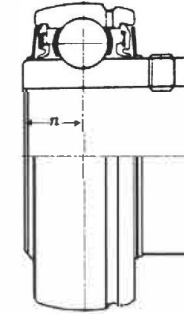
mm		Δ dmp		Δ d1mp-dmp		Vdp ¹⁾
over	incl.	max.	min.	max.	min.	max.
18	30	+33	0	+21	0	13
30	50	+39	0	+25	0	15
50	80	+46	0	+30	0	19
80	120	+54	0	+35	0	25
120	180	+63	0	+40	0	31



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 $d1=d+1/12B$.
 Δ dmp---deviation of mean bore diameter in a single plane (for a basically bore, dmp refers to the theoretical small end of the bore).
 Δ 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
 $a=2^{\circ}23' 9.4'' \approx 2.385 94^{\circ}=0.041 643$ 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 ROLIMA housing follows the dimensional accuracy prescribed in JIS B 1559 housings for rolling bearing units.The spherical inside diameter of ROLIMA housing follow the dimension prescribed as fitting symbol J.

4.3.1 Tolerance of spherical bore diameter of housings

Unit=0.001m

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

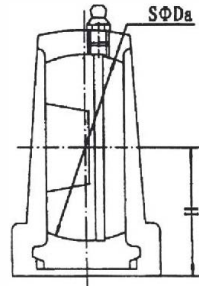
Notes:a).D1m is given by the following equation,where D1max and D1min in the equation are maximum and minimum values measured respectively.

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

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.

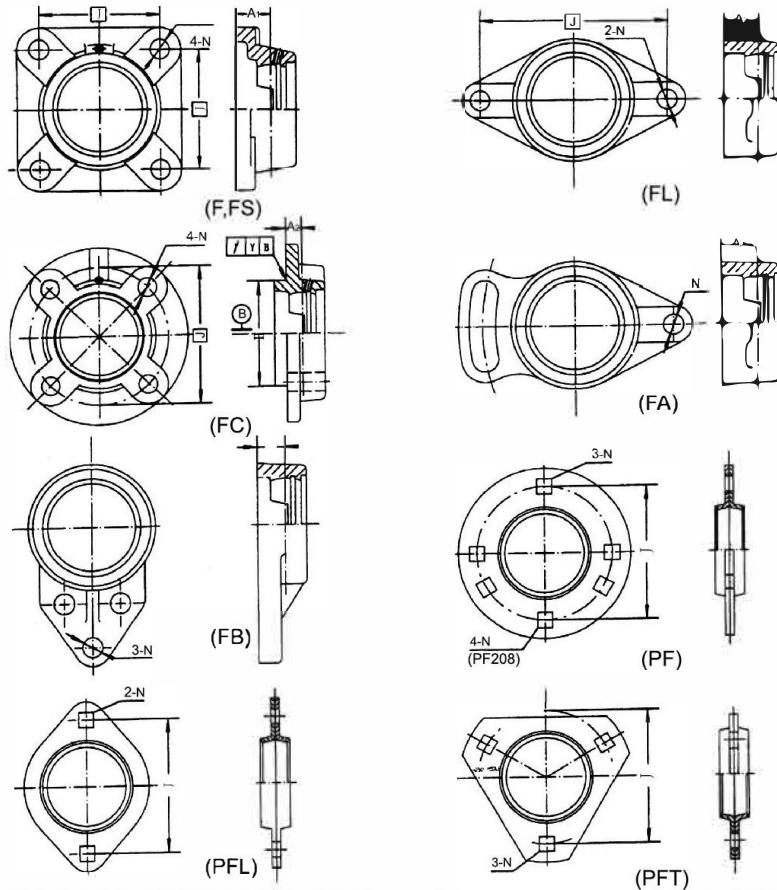
4.3.2. Dimensional Accuracies of Pillow Block-type Housings



Unit=0.001mm

Housing nominal No. P.L.P.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



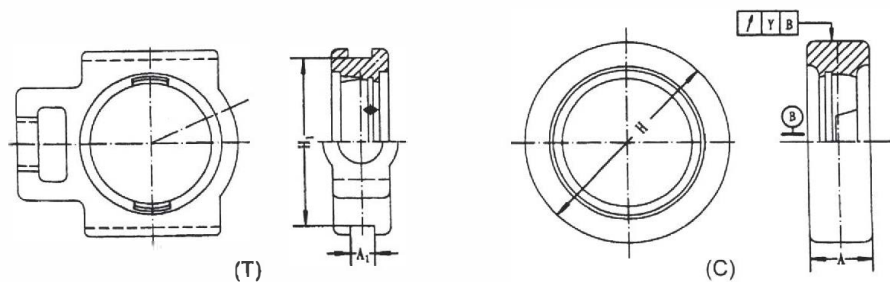
Unit=0.001m

Unit=0.001m

Housing nominal No.			Tolerance of J	Tolerance of A ₂	Housing nomina No.			Tolerance of H ₃						Tolerance of J	Tolerance of A ₂	Tolerance of spigot run-out max. Y			
								FC2..		FCX..		FS3..							
F,FL	F,FL	F,FL			FC	FC	FS	max.	min.	max.	min.	max.	min.						
204	-	-	±700	±500	204	-	-	0	-46					±700	±500	200			
205	X05	305			205	X05	305			0	-46	0	-46				0	-46	
206	X06	306			206	X06	306			0	-54	0	-54				0	-54	
207	X07	307			207	X07	307												
208	X08	308			208	X08	308												
209	X09	309			209	X09	309												
210	X10	310			210	X10	310												
211	X11	311	±1000	±800	211	X11	311	0	-63	0	-63	0	-63	±1000	±800	300			
212	X12	312			212	X12	312												
213	X13	313			213	X13	313												
214	X14	314			214	X14	314												
215	X15	315			215	X15	315												
216	X16	316			216	X16	316												
217	X17	317			217	X16	317	0	-72	0	-72	0	-72						
218	X18	318			218	X18	318									0	-72	0	-72
-	-	319			-	-	319												
-	X20	320			-	X20	320	-	-			0	-81			400			
-	-	321			-	-	321												
-	-	322			-	-	322												
-	-	324			-	-	324												
-	-	326			-	-	326												
-	-	328			-	-	328												

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

Unit=0.001m										Unit=0.001m									
Housing nominal No.			Tolerance of A ₁	Tolerance of H ₁	Parallelism of sliding slot max.	Housing nomina No.			Tolerance of H	Tolerance of Y			Tolerance of A						
														C2..		CX..		C3..	
T2	TX	T3				C2	CX	C3	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.
204	-	-	+200 0	0 -500	500	204	-	-	-	-	-	-	-	-	-	-	-	-	-
205	X05	305				205	X05	305	0	-30									
206	X06	306				206	X06	306											
207	X07	307				207	X07	307			0	-35	0	-35					
208	X08	308				208	X08	308	0	-35									
209	X09	309	+300 0	0 -800	600	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	-	313											
214	X14	314				-	-	314											
215	X15	315				-	-	315											
216	X16	316				-	-	316					0	-46					
217	X17	317				-	-	317											
-	-	318				-	-	318											
-	-	319				-	-	319											
-	-	320				-	-	320											
-	-	321				-	-	321					0	-52					
-	-	322				-	-	322											
-	-	324				-	-	324											
-	-	326				-	-	326					0	-57					
-	-	328				-	-	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
Middle class dimensional tolerance	±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 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 form 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
P214	39900	16400	27000	9500
P215	42600	18300	30000	11100
P216	46800	19400	34500	12300
P217	49100	20900	36000	12700
P218	54900	22400	38400	13400
P219	59900	24000	41800	14000
P220	67800	27100	56300	17400
P322	83000	33000	60400	19000

5.2 Allowable Load of Pressed Housing

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 disturbed 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

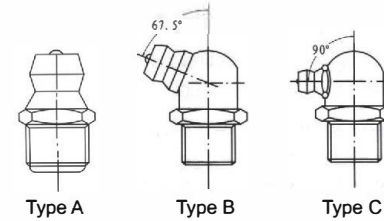
Permissible speed of a ball bearing is expressed normally in terms of dn value(Bearing bore diameter mm x operating speed r.p.m.),although it is influenced by the shape, size, lubricant type and seal device. The permissible speed can be roughly determined by the sliding speed at the friction part of 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 Type	housing No.	Type of grease nipple
P(PX),F(FX), FL(FLX),FC(FCX)	203(S)-210 305-309 X05-09	M6X1
T(TX),C(CX),PH PA,PW,PG,LP, FS,FD,FW,FT,FU, FA,FB,HA,HE,LF	211-215 310-315 X10-14 216-328 X15-20	M8X1 M10X1

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 type 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 is most suitable for a ball bearing unit..

At present, " Gold pillow Lube" grease is used for the standard product of ROLIMA 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.

ROLIMA 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:

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

Whereas H: Replenishment interval(hr)
n: Operating speed(r.p.m.)

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.

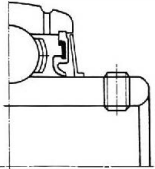
Grease supply period

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	1~2years	6~12 months
	70	100	4~8 months	1~3 weeks
	100	-	2~4 weeks	1~2 months
Somewhat dusty	-	50	1~2 years	6~12 months
	50	70	4~8months	2~4 months
	70	100	3~6weeks	2~4 weeks
	100	-	1~2 weeks	Every week
Considerably dust	-	70	1~2months	3~6 weeks
	70	100	2~4weeks	1~2 weeks
	100	-	1~7 days	1~3 days
	-	-	1~3 days	Every day

7. SEALING DEVICES

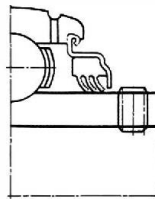
Following kinds are used as the sealing device of ROLIMA ball bearing unit. By selecting the sealing device which is most suitable to the application condition, the bearing working life can be doubled.

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



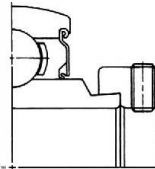
This is the original sealing device. Oil seal is fixed in the outer ring inner diameter groove, while the slinger is set at the inner with inner ring outer diameter. Furthermore, the simultaneous revolution with inner ring generates the wind pressure for dust-proof property. This constitute the ideal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



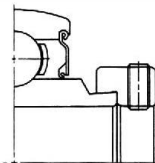
This is an epochmaking new seal. Which can be said to be a revolution in the bearing sealing. The metal cap and synthetic rubber seal are baked together to form a single seal. Seal lip has sufficient tightening allowance. Furthermore, the lip layers are of double or triple construction and the foreign 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.

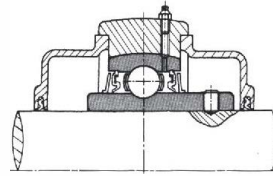
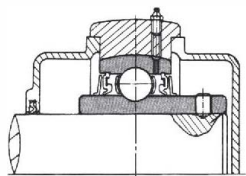
7.4 K type Sealing Device(Applicable bearing...SA type)



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 en-covers:one opened,another close



8. Handlings

One of the predominate features of ROLIMA bearing units is their simplicity of handling and installation. It is of the utmost important that these units are handled and installed correctly to ensure reliable performance.

8.1 Installation

8.1.1 Installation of setscrew units

When installing setscrew units, it is important to tighten the setscrews to the shaft with the specified torque. If the unit is mounted in an environment where it is exposed to impact or vibration, or if the shaft is rotated in normal and reverse directions, or if rotation is started and stopped frequently and repeatedly, then grind or drill the surface of the shaft where it is contacted by the setscrew with a file or drill in order to create a flat seat (Fig.8.1) or drilled seat (Fig.8.2). This will significantly improve the tightening effect of the setscrews.

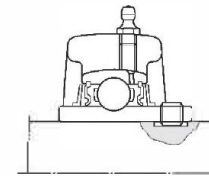


Fig.8.1 flat seat provided for shaft
(for improvement in set screw tightening effect)

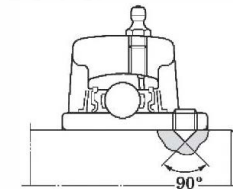


Fig.8.2 Drilled seat provided for shaft
(for improvement in set screw tightening effect)

If the unit is exposed to great load or excessive vibration, another option is to use a shouldered shaft and tighten the inner ring of the bearing with a shaft nut. For dimensions of the shouldered shaft, see "9 Design of shaft and base"

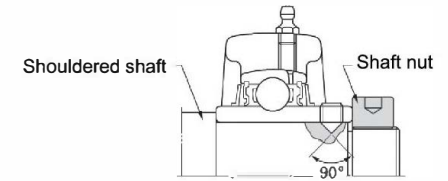


Fig.8.3 Example of installation with a shouldered shaft and shaft nut

Standard ROLIMA bearings are equipped with double-point setscrews which offer secure tightness to the shaft. Additional styles of setscrews are also available to meet a range of purposes and operating conditions (see Table 8.1).

Table 8.1 Set screws of ball bearings for units

Designations (code)	Double point (no indication)	Pointed (G4)	Full dog point cap (G6)
	Double point (G7) Locking finish		
Details	The cone point at the center of the screw combined with the round point at the outer edge provide excellent shaft contact and greatly reduce fitting error. A nylon film is fused to the thread surface to prevent the screw from loosening during operation.	The cone point setscrew has a 90° angle and fits a drilled cone seat in the shaft. It allows correct positioning on the shaft and prevents shaft movement in an axial direction.	The full dog point setscrew fits into the keyed groove in the shaft and allows for expansion and contraction of the shaft.
	Prevent looseness with elastic force of nylon film fused to the thread surface		

Shown below are installation procedures for bearing units with setscrews.

- (1) Inspect the unit to ensure that the rigidity of the base, flatness of the mounting surface, and tolerance of the shaft meet the required standards. Check the shaft for bends, burrs, and other flaws.
- (2) Make sure that the tip of the setscrew does not exceed the bearing bore diameter surface.
- (3) Fit the bearing unit onto the shaft and slide it to the specified position. In order to secure a tight fit, press-fit the bearing unit to the shaft with a press, cold-fit by cooling the shaft, or shrink-fit the bearing unit by warming it with an air bath (100 °C or less). Avoid hitting the bearing with a hammer to press-fit the bearing to the shaft.
- (4) Align the bearing unit to the specified position on the base and affix it with washers, if necessary, and bolts (Fig.8.4). Use a torque wrench to tighten the bolts to the housing to the specified torque setting. For mounting bolt torque specifications, see **Appendix table 2** in the back of this catalog.

- (5) Tighten both of the setscrews on the inner ring to the specified torque setting (Fig.8.5). For setscrew torque specifications, see Appendix table 3 in the back of this catalog.
- (6) Turn the shaft by hand and tighten the setscrews of all other bearings on the same shaft to the specified torque setting.
- (7) Finally, turn the shaft by hand and make sure that it rotates without any problems.



Fig.8.4 Installation of setscrew units

8.1.2 Installation of adapter style units

Adapter units, comprised of an adapter sleeve, locknut, and washer, can be installed into environments where they are exposed to excessive vibration and impact.

It is of great importance that these units are properly mounted. If the locknut is not properly tightened, the sleeve may be loose which could lead to slippage and wear on the shaft or bearing. Conversely, if the locknut is over-tightened, the inner ring of the bearing can expand and reduce internal ball clearance which could cause excessive heat and premature failure.



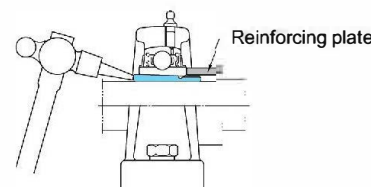
Fig 8.5 Tightening of set screws

Installation procedures for adapter style bearings are shown below.

- (1) Inspect the unit to ensure that the rigidity of the base, flatness of the mounting surface, and tolerance of the shaft meet the required standards. Check the shaft for bends, burrs, and other flaws.
- (2) Slide the adapter sleeve onto the shaft where the bearing unit will be installed.
If the sleeve is too tight, place a screwdriver in the slotted portion of the sleeve and expand the slot to open the sleeve.
- (3) Slide the bearing unit over the shaft and onto the adapter sleeve, then place a cylindrical reinforcing plate against the inner ring of the front side of the bearing. Seat the adapter sleeve by lightly tapping all around the backside of the sleeve (Fig.8.6).

Fig.8.6 Fitting adapter sleeve to bearing with tapered bore

- (4) Attach the lock washer so that the tab fits into the slot in the sleeve, and making sure the tapered side is facing the bearing, tighten the locknut on the sleeve by hand.



- (5) Align the bearing unit to the specified position on the base and affix it with washers, if necessary, and bolts. Use a torque wrench to tighten the bolts to the housing to the specified torque setting. For mounting bolt torque specifications, see **Appendix table 2** in the back of this catalog.
- (6) Use a torque wrench to tighten the locknut to the correct specification (Fig.8.7). For locknut torque specifications, see **Appendix table 4** in the back of this catalog.
- (7A) For pillow block housings, loosen the mounting bolts and adjust the unit axially while rotating the shaft by hand. Then re-tighten the mounting bolts to the correct specification.
- (7B) For flange block housings, the position of the unit must be in the correct axial position in relation to the shaft, so take extra care to properly align them before completing installation.
- (8) Bend one of the tabs on the washer so that it fits into one of the slots on the locknut (Fig.8.8).



Tightening locknut



Fig.8.8 Bending claw of washer (Locking locknut)

- (9) Finally, turn the shaft by hand and make sure that it rotates without any problems.

8.1.3 Installation of units with eccentric locking collars

Eccentric locking collar bearings provide another option for shaft locking. Since the rotating force of the shaft increases the tightening force of the eccentric ring to the shaft, this style of bearing allows a secure grip to the shaft.

Since the rotating force of the shaft increases the tightening force of the eccentric ring to the shaft, the unit with eccentric locking collar allows secure fixing of the bearing (Fig.8.9).



Fig.8.9 Ball bearing units with eccentric locking collar

Installation procedures for eccentric locking collar style bearings are shown below.

- (1) Inspect the unit to ensure that the rigidity of the base, flatness of the mounting surface, and tolerance of the shaft meet the required standards. Check the shaft for bends, burrs, and other flaws.
- (2) Slide the bearing unit onto the shaft, and place it at the specified mounting position.
- (3) Align the bearing unit to the specified position on the base and affix it with washers, if necessary, and bolts (Fig.8.10). Use a torque wrench to tighten the bolts to the housing to the specified torque setting. For mounting bolt torque specifications, see **Appendix table 2** in the back of this catalog.



Fig.8.10 Installing eccentric locking collar

- (4) Fit the eccentric section of the inner ring of the bearing to the eccentric recessed section of the eccentric locking collar, and rotate the collar in the direction of shaft rotation. Then tighten the setscrew on the eccentric locking. Then tighten the setscrew on the eccentric locking collar to the specified torque setting (Fig.8.10). For setscrew torque specifications, see Appendix table 3 in the back of this catalog.

- (5) Rotate the shaft by hand and then install the next eccentric locking collar unit to the shaft.
(6) Finally, turn the shaft by hand and make sure that it rotates without any problems.

8.1.4 Installing units with covers

Covers for ball bearing units are available in two types, steel plate and cast iron. Install both the covers at last after installation of the bearing and housing is complete.

Procedures for installation of the ball bearing units with covers are shown below.

- (1) Apply grease all around the seal lip of the cover, and pack the internal space of the cover with grease (approximately 1/3 to 1/2 of the space capacity)

(Fig.8.11).

Pack grease

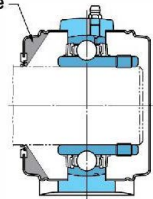


Fig.8.11 Packing grease in internal space of seal lip of covers

- (1) Put a cover through the shaft, and then, fit the bearing unit to the shaft.
(2) Fit the cover through the shaft to the cover groove on the housing, and fix it.
(4A) For the steel plate cover, tap all around the cover evenly with a synthetic resin hammer to prevent deformation, and install it to the housing (Fig.8.2).
To remove the steel plate cover, put a screwdriver into the groove on the periphery of the cover, and slightly pry it.

- (4B) When installing the case iron cover, fit the cover to the housing, and fix it with the bolt.
For the tightening torque of the cast iron cover mounting bolt, see the Appendix table 2 at the end of this catalogue.

- (5) Install another cover to the housing in a similar manner..
(6) Check for abnormality of the installed cover.
(7) At last, turn the shaft with your hands, and check for abnormality in the rotating status of the bearing.



Fig.8.12 Installing steel plate covers

8.2 Test run inspection

After installation of the ball bearing unit is complete, execute the test run inspection to ensure that it is done appropriately.

The test run is inspection should be executed by following the procedures below. Check for abnormality in the bearing unit.

- (1) Turn the shaft with your hands, and make sure that the bearing is rotated smoothly.
If any jam, vibration, great rotation torque (heavy), or uneven rotation is found, the bearing is judged to be faulty.
(2) Execute power run with no load and at a low speed, and check for abnormal noise and vibration.

- (3) Carry out power run under the specified conditions, and check for abnormal noise, vibration, and temperature increase.

Table 8.2 shows the main faults that may occur during the test run inspection of the ball bearing unit and causes.

Table 8.2 Main causes of bearing failure during test runs and their causes

Faults	Excessive torque, uneven rotating torque	Abnormal noise, abnormal vibration	Abnormal temperature increase
Causes	(1) Faulty installation, causes preload on bearing (2) Inappropriate handling or installation, leading to interference of seal with slinger (3) Excessive tightening of locknut adapter causing too small internal clearance of bearing	(1) Improper tightening of set screws or of mounting bolts (2) Excessively large internal clearance of bearings (3) Bent shaft, or shouldered shaft may be machined eccentrically (4) Shaft tolerance chosen improperly (5) Mounting base not rigid or flat	(1) Too small internal clearance of bearing (2) Faulty installation, causes preload on bearing (3) Load too great (4) Allowable rotational speed exceeded (5) Mounting base not rigid or flat (6) Inappropriate handling or installation, leading to interference of seal with slinger

8.3 Periodic inspection

ROLIMA Ball Bearing Units do not need to be inspected as frequently as lower quality bearings. However it is good practice to set up an inspection schedule for even these high quality bearings.

Since a ball bearing unit cannot be disassembled for inspection If the internal status of components, the external appearance of the bearing must be inspected to give tell-tale signs of the status and expected life of the bearing. The following characteristics must be checked per the inspection schedule that is established for a particular application.

- 1 Overall appearance
- 2 Looseness of set screw of bearing inner ring or of the mounting bolts
- 3 Noise from vibration
- 4 Temperature of the bearing housing or the inner ring
- 5 Grease supply interval and quantity of grease injected into the bearing either too much or too little grease can be detrimental to the life of the bearing

Table 8.3 shows the main faults that are usually found during periodic inspections and their causes.

If any fault is found in a ball bearing unit during an inspection, then immediate action must be taken to correct the situation and prevent deterioration of the bearing components. If serious damage has already occurred to the bearing unit, then the bearing unit must be replaced immediately to prevent damage to other machine components.

Table 8.3 Main Faults found during periodic inspection and their causes

Faults	Excessive torque	Abnormal noise, abnormal vibration	Abnormal temperature increase
Causes	(1) Degraded grease (2) Interference of seal with slinger due to excessive supply of grease (3) Deformation of slinger causing interference with seal (4) High load due to shaft expansion	(1) Improper tightening of set screws or of mounting bolts (2) Wear on inner ring of bearing or shaft due to creep or fretting (3) Ingress of foreign matter dirt into bearing (4) Damage to cage or ball rolling surfaces due to rolling fatigue (5) Dent on raceway surface or ball rolling surface because of excessive load (6) Warped or bent shaft	(1) Degraded grease (2) Interference of seal with slinger due to excessive supply of grease (3) Deformation of slinger causing interference with seal (4) Looseness of setscrew, eccentric locking ring or adapter lock nut for tapered i.d.bearings (5) Load due to shaft expansion (6) Damage to cage or ball rolling surfaces due to rolling fatigue

8.4 Supply of grease

ROLIMA ball bearing units are supplied with high quality grease packed inside a high quality seal. Therefore, under clean operating conditions at lighter loads and lower speeds at normal temperatures, the bearing may be used with no further lubrication. However, under harsher operating conditions and environment, the grease will deteriorate much more rapidly. This would include environments exposed to dust, moisture or higher operating temperatures. In such cases, a regreasing schedule must be established to prevent premature failure of the bearings. The life of the bearing can be greatly extended by proper attention to the regreasing schedule and by supplying the proper amount of grease. Please note that too much grease can be detrimental as well as too little grease.

8.4.1 Grease life and supply intervals

The grease life of a packed ball bearing unit can be found using **Formula(4.7)** on page 21. The regreasing schedule should be set at 1/4 to 1/3 of the grease life found by the calculation shown above; However this may be adjusted for particularly demanding environments or conditions. In addition, some environments may be unusually dirty or wet, and these conditions may be exacerbated by higher temperatures. Under such harsh conditions, a more frequent regreasing schedule will extend the life of the bearing. Under normal operating conditions, please adhere to the guidelines outlined in **Table 8.4**.

8.4.2 Amount of grease

The amount of grease initially supplied in a new ROLIMA Ball Bearing Unit is approximately 30 to 35% of the internal space capacity of the bearing. If the bearing is ever over greased, the agitation of the grease causes internal friction and heating of the bearing. The first sign of failure will be excessive grease finding its way to the outside of the bearing. Do NOT exceed the initial greasing amount.

Table 8.4 Grease schedule of ball bearing units

Operating temperature, °C		Grease intervals			Bearing used	Grease supplied
Over	Inch.	Substantially clean	Excessive dust	Excessive dust and moisture		
50		(3 months)	(2 months)	(1 month)	(Low temperature D2K2) ¹⁾	Shell Alvania
50	70	Not necessary	1 year	4 months	Standard bearing	RL2,
70	100	1 year	4 months	1 month		Gold No.3
		6 months	2 months	2 weeks		Or equivalent
100	120	2 months	2 weeks	5 days	High temperature D1K2	SH44M
120	150	2 weeks	5 days	2 days		
150	180	1 weeks	2 days	1 day		

Note ¹⁾ Greasing intervals in parentheses are applicable to low temperature grease(D2K2).

Remark Greasing intervals shown in this table are applicable to a unit operated for 8 to 10 hours per day. If the time of operation is greater than this range, then a more frequent greasing interval must be specified. For example, if the unit is operated 16 to 20 hours per day, then the greasing interval must be twice as frequent.

Table 8.5 shows the recommended amount of grease to be used for regreasing **ROLIMA** bearings. In a severely dusty or wet environment, the amount of grease may be increased by two times, only if operating speeds are low.

- Remarks
1. Table 8.5 applies to UK units as well.
 2. For greasing triple lip (LIII) type bearings, use 1 1/2 times the amount of grease recommended in the table.
 3. Values shown in the table are applicable to standard grease(Specific gravity:0.9g/ml)if a compatible grease of another specific gravity is used, then the proper conversion must be made, to insure that the recommended volume is put into the bearing.

Table 8.5 Amount of recommended grease for ball bearing units

Bore dia. Code	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	24	26	28
Greasing amount, g	UC200	1.8	1.8	1.8	1.8	3.3	4.5	5.6	6.5	7.7	10.3	13.2	14.9	18.2	21	25	31	38	-						
	UCX00	-	3.3	4.5	5.6	6.5	7.7	10.3	13.2	14.9	18.2	21	25	31	38	48	-	69	-						
	UC300	-	4.2	5.9	8.1	10.1	12.6	18.1	25	31	39	47	56	65	78	90	108	141	165	198	237	291	337		

8.4.3 Types of grease supplied

Many different types of grease are available for use in ball bearings. However, if a non-compatible grease is used, particularly a non-lithium based grease, then performance may be drastically reduced.

Please use the grease recommended in Table 2.3 to assure optimum performance of your bearings.

If another grease is used in an emergency situation, for instance, please assure that this grease is compatible, with a lithium base, at the minimum.

8.4.4 Relubricating the unit at the specified interval

Note Fig.8.13 which shows the grease nipple, grease groove and grease holes for relubrication of the unit.



Fig.8.13 Supplying grease to ball bearing units

- (1) Clean the grease nipple and the area around it to prevent dirt and foreign material from entering the unit.
- (2) Clean the grease gun and pack clean grease.
- (3) Grease the unit with the recommended amount of grease.

When lubricating the ball bearing unit, slowly turn the shaft with your hand. This causes the fresh grease to be uniformly distributed inside the unit.

If it is difficult to access the standard straight type nipple with a grease gun, the 45° and 90° angled units are available as an option. See the picture below of these grease nipples. Please contact us with your special needs.

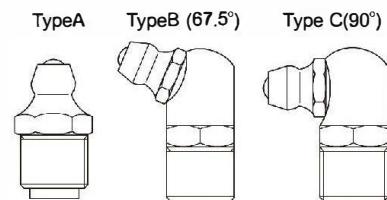


Fig.8.14 Type of grease nipple for ball bearing units

When using a centralized automatic lubrication system, with ball bearings, it is important to use softer grease than normal. The grease should be specified with a "worked penetration number" between 300 and 380. This is NLGI grade "0" or "1". Piping from the lubricating system must be sized so that the specified volume of grease is applied.

Piping must be connected to the threaded threads for units up to "2" in size or 1/8PT(BSPT) for ball bearing units larger than "2" shaft diameter. If the piping size

used is larger than the threaded hole in the ball bearing unit, then the appropriate reducing coupling (or street elbow) must be used to fit the threaded hole.

Fig.8.15 shows the body of a pipe reducer.

When using an automatic centralized lubrication system, it is imperative to assure that the correct volume of grease is supplied to each individual bearing as specified in Table 8.5. The total amount of grease is a multiple of the number of bearings being supplied by the central system.

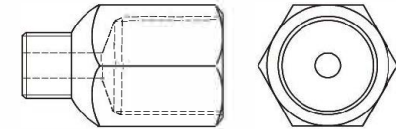


Fig.8.15 Reducing coupling for centralized lubrication systems

For details of grease nipples and reducing couplings, see "16 Parts and accessories".

8.5 Replacing bearings

If a bearing insert needs to be replaced, it is not always necessary to replace the housing, if the housing is undamaged. Simply insert a new bearing into the old housing, after carefully inspecting the housing to assure that it is not damaged.

Replacement procedures for a bearing insert are listed below.

- (1) Remove the complete bearing unit from the shaft and mounting base.
- (2) Screw in the set screws so that the head of the set screw does not protrude outside the O.D. of the inner race. Otherwise the head of the set screw may damage the bearing seat inside the housing.
- (3) Turn the bearing 90° with a hammer handle or a bar or pipe until the bearing is horizontal.
- (4) Remove the bearing insert from the housing via the bearing groove in the housing.

Reverse the above procedure to put in a new bearing insert. Insure that the set screws are screwed in before proceeding with the replacement.

9.Type of ROLIMA Ball Bearing Units and Bearings

Pillow Blocks

UCP 2	25
UKP2	26
UCPX	27
UKPX	28
UCP3	29
UKP3	30
UCP2 R3(Heavy-duty)	31

Flange Types

UCF 2	32
UKF 2	33
UCFX	34
UKFX	35
UCF3	36
UKF3	37
UCFC2	38
UKFC2	39
UCFL2	40
UKFL2	41
UCFL3	42

Take-up units type

UCT 2	43
UKT 2	44
UCT3	45
Other Typical Types	
UCPH 2	46
UCPA 2	47
UCFA 2	48
UCFB2	49
UCHA2	50

Ball Bearing Inserts

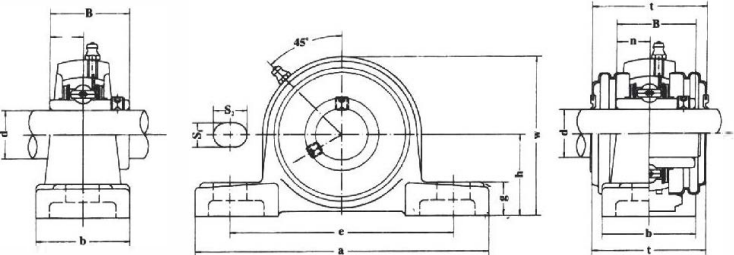
UC2	51
UK2	52
UCX	53
UC3	54

SA2	55
SB2	56
UC2 R3	57

Other series of Bearings

Tapered Roller Bearing – Metric	58
Tapered Roller Bearing – Metric	59
Tapered Roller Bearing – Metric	60
Tapered Roller Bearing – Metric	61

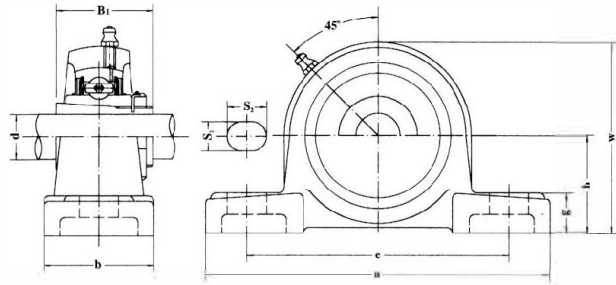
Pillow Blocks



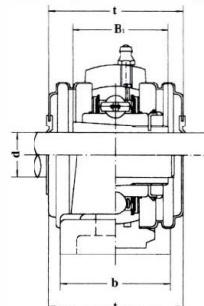
UCP2

Unit No.	d	h	a	e	b	S ₁	S ₂	d ₁	w	l	B	n	Ball Size mm	Bearing No.	Housing No.	Weight (kg)
UCP201	12	30.2	127	95	38	13	19	14	65	44.5	31	12.7	M10	UC201	P203	0.66
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	1-1/2	0.500	3/8	UC201-8		
UCP202	15	30.2	127	95	38	13	19	14	65	44.5	31	12.7	M10	UC202	P203	0.66
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	1-1/2	0.500	3/8	UC202-9		
UCP202-10	5/8													UC202-10		
UCP203	17	30.2	127	95	38	13	19	14	65	44.5	31	12.7	M10	UC203	P203	0.66
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	1-1/2	0.500	3/8	UC203-11		
UCP204	20	33.3	127	95	38	13	19	14	65	44.5	31	12.7	M10	UC204	P204	0.65
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	1-1/2	0.500	3/8	UC204-12		
UCP205	25	36.5	140	105	38	13	19	15	71	48	34.1	14.3	M10	UC205	P205	0.75
UCP205-13	13/16	1-7/16	5-1/2	4-1/8	1-1/2	1/2	3/4	19/32	2-25/32	1-5/16	1.3425	0.563	3/8	UC205-13		
UCP205-14	7/8													UC205-14		
UCP205-15	15/16													UC205-15		
UCP205-16	1													UC205-16		
UCP206	30	42.9	160	121	45	17	20	17	82	53	38.1	15.9	M14	UC206	P206	1.20
UCP206-17	1-1/16	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	UC206-17		
UCP206-18	1-1/8													UC206-18		
UCP206-19	1-3/16													UC206-19		
UCP206-20	1-1/4													UC206-20		
UCP207	35	47.6	167	127	48	17	20	18	93	59.5	42.9	17.5	M14	UC207	P207	1.50
UCP207-20	1-1/4	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	UC207-20		
UCP207-21	1-5/16													UC207-21		
UCP207-22	1-3/8													UC207-22		
UCP207-23	1-7/16													UC207-23		
UCP208	40	49.2	183	137	52	17	20	18	98	69	49.2	19	M14	UC208	P208	1.90
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		
UCP208-25	1-9/16													UC208-25		
UCP209	45	54.0	190	146	53	17	20	20	105	69	49.2	19	M14	UC209	P209	2.05
UCP209-26	1-5/8	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	UC209-26		
UCP209-27	1-11/16													UC209-27		
UCP209-28	1-3/4													UC209-28		
UCP210	50	57.2	205	159	58	20	23	21	113	74.5	51.6	19	M16	UC210	P210	2.60
UCP210-29	1-13/16	2-1/4	8-1/8	6-1/4	2-3/8	25/32	29/32	53/64	4-29/64	2-15/16	2.0315	0.748	5/8	UC210-29		
UCP210-30	1-7/8													UC210-30		
UCP210-31	1-15/16													UC210-31		
UCP210-32														UC210-32		
UCP211	55	63.5	218	171	58	20	23	23	123	76	55.6	22.2	M16	UC211	P211	3.45
UCP211-32	2	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	UC211-32		
UCP211-33	2-1/16													UC211-33		
UCP211-34	2-1/8													UC211-34		
UCP211-35	2-3/16													UC211-35		
UCP212	60	69.8	240	184	67	20	23	25	136	89	65.1	25.4	M16	UC212	P212	4.60
UCP212-36	2-1/4	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	UC212-36		
UCP212-37	2-5/16													UC212-37		
UCP212-38	2-3/8													UC212-38		
UCP212-39	2-7/16													UC212-39		
UCP213	65	76.2	263	203	67	25	28	27	147	89	65.1	25.4	M20	UC213	P213	5.20
UCP213-40	2-1/2	10-7/16	8	8-35/64	2-29/32	63/64	1-3/32	1-3/32	5-29/32	3-1/2	2.5630	1.000	3/4	UC213-40		
UCP213-41	2-9/16													UC213-41		
UCP214	70	79.4	265	210	70	25	28	27	154	96	74.6	30.2	M20	UC214	P214	6.00
UCP214-42	2-5/8	10-15/32	8-17/64	2-27/32	63/64	1-3/32	1-3/32	1-1/16	6-9/64		2.9370	1.189	3/4	UC214-42		
UCP214-43	2-11/16	3-1/8												UC214-43		
UCP214-44	2-3/4													UC214-44		
UCP215	75	82.6	274	217	72	25	28	28	160		77.8	33.3	M20	UC215	P215	7.00
UCP215-45	2-13/16	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	UC215-45		
UCP215-46	2-7/8													UC215-46		
UCP215-47	2-15/16													UC215-47		
UCP215-48	3													UC215-48		
UCP216	80	88.9	290	232	76	25	28	30	172		82.6	33.3	M20	UC216	P216	8.10
UCP216-49	3-1/16	3-1/2	11-1/2	9-1/8	3-1/16	63/64	1-3/32	1-3/16	6-27/32		3.2520	1.311	3/4	UC216-49		
UCP216-50	3-1/8													UC216-50		
UCP216-51	3-3/16													UC216-51		
UCP217	85	95.2	308	247	81	25	28	32	184		85.7	34.1	M20	UC217	P217	9.80
UCP217-52	3-1/4	12-13/64	9-23/32	3-17/64	63/64	1-3/32	1-3/32	1-1/4	7-9/32		3.3740	1.343	3/4	UC217-52		
UCP217-53	3-5/16													UC217-53		
UCP217-55	3-7/16													UC217-55		
UCP218	90	101.6	325	262	86	27	30	33	196		96	39.7	M22	UC218	P218	11.60
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	1.5630	7/8	UC218-56		

UKP 2



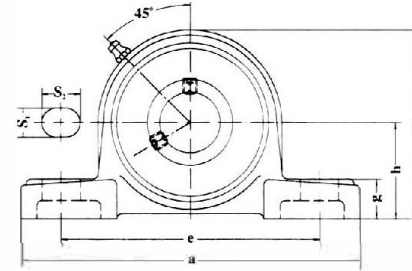
Pillow Blocks (with adapter mounted)



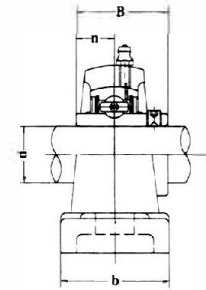
UKP-C₁(D₁)

Unit No.	Dimensions mm in											Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	S ₁	S ₂	g	w	B	n				
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		

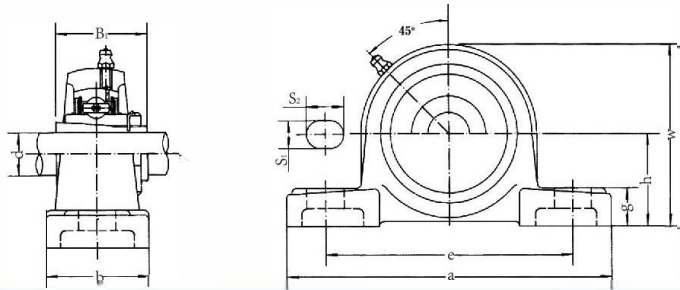
Pillow Blocks



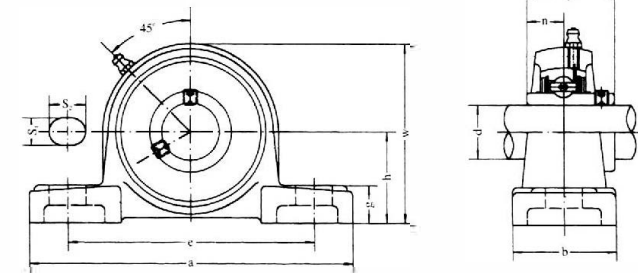
UCPX



Unit No.	d	h	a	e	b	S1	S2	q	w	B	n	Bolt Size mm in	Bearing No.	Housing No.	Weight (kg)
UCPX05	25 13/16	44.4	159	119	51	17	20	18	85	38.1	15.9	M14	UCX05 UCX05-13 UCX05-14 UCX05-15 UCX05-16	PX05	1.5
UCPX06	30 1-1/16	47.6	175	127	57	17	20	20	93	42.9	17.5	M14	UCX06 UCX06-17 UCX06-18 UCX06-19 UCX06-20	PX06	2.0
UCPX07	35 1-5/16	54.0	203	144	57	17	20	21	105	49.2	19	M14	UCX07 UCX07-21 UCX07-22 UCX07-23	PX07	2.6
UCPX08	40 1-7/16	58.7	222	156	67	20	23	26	111	49.2	19	M16	UCX08 UCX08-24 UCX08-25	PX08	3.3
UCPX09	45 1-5/8	58.7	222	156	67	20	23	26	116	51.6	19	M16	UCX09 UCX09-26 UCX09-27 UCX09-28 UCX09-29	PX09	3.3
UCPX10	50 1-7/8 1-15/16 2	63.5	241	171	73	20	23	27	126	55.6	22.2	M16	UCX10 UCX10-30 UCX10-31 UCX10-32	PX10	4.3
UCPX211	55 2-1/16 2-1/8 2-3/16 2-1/4 2-5/16	69.8	260	184	79	25	28	30	137	65.1	25.4	M20	UCX11 UCX11-33 UCX11-34 UCX11-35 UCX11-36 UCX11-37	PX11	5.7
UCPX12	60 2-3/8 2-7/16	76.2	286	203	83	25	28	33	151	65.1	25.4	M20	UCX12 UCX12-38 UCX12-39	PX12	7.3
UCPX13	65 2-1/2 2-9/16	76.2	286	203	83	25	28	33	154	74.6	30.2	M20	UCX13 UCX13-40 UCX13-41	PX13	7.6
UCPX14	70 2-5/8 2-11/16 2-3/4	88.9	330	229	89	27	30	35	170	77.8	33.3	M22	UCX14 UCX14-42 UCX14-43 UCX14-44	PX14	9.9
UCPX15	75 2-13/16 2-7/8 2-15/16 3	88.9	330	229	89	27	30	35	175	82.6	33.3	M22	UCX15 UCX15-45 UCX15-46 UCX15-47 UCX15-48	PX15	11
UCPX16	80 3-1/16 3-1/8 3-1/16 3-1/4	101.6	381	283	102	27	30	40	194	85.7	34.1	M22	UCX16 UCX16-49 UCX16-50 UCX16-51 UCX16-52	PX16	15
UCPX17	85 3-5/16 3-7/16	101.6	381	283	102	27	30	40	200	96	39.7	M22	UCX17 UCX17-53 UCX17-55	PX17	16
UCPX18	90 3-1/2	101.6	381	283	111	27	30	40	206	104.0	42.9	M22	UCPX18 UCPX18-56	PX18	17
UCPX20	100	127.0	432	339	121	33	36	45	244	117.5	49.2	M27	UCPX20	PX20	30
UCPX20-64	4 5	127.0	432	339	121	33	36	45	244	117.5	49.2	M27	UCPX20-64	PX20	30

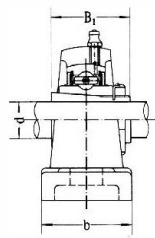


Unit No.	Dimensions										Bolt Used	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	S ₁	S ₂	g	w	B ₁				
UKPX05:H2305	20	44.4	159	119	51	17	20	18	85	35	M14	UKX05:H2305	PX05	1.5
UKPX05:HE2305	3/4	1-3/4	6-1/4	4-11/16	2	43/64	25/32	3-11/32	1.378	1/2		UKX05:HE2305		
UKPX06:H2306	25	47.6	175	127	57	17	20	20	93	38	M14	UKX06:H2306	PX06	2.1
UKPX06:HS2306	7/8	1-7/8	6-7/8	5	5	43/64	25/32	3-21/32	1.496	1/2		UKX06:HS2306		
UKPX06:HE2306	1	1-1/8	7-1/8	5-1/2	2-1/4	43/64	25/32	3-21/32	1.496	1/2		UKX06:HE2306		
UKPX07:H2307	30	54.0	203	144	57	17	20	21	105	43	M14	UKX07:H2307	PX07	2.7
UKPX07:HS2307	1-1/8	2-1/8	8	5-21/32	2-1/4	43/64	23/32	13/16	4-1/8	1.693	1/2	UKX07:HS2307		
UKPX07:HE2307	35	58.7	222	156	67	20	23	26	111	46	M16	UKX07:HE2307		
UKPX08:H2308	1-1/4	2-5/16	8-3/4	6-5/32	2-5/8	25/32	29/32	1-1/32	4-3/8	1.811	5/8	UKX08:H2308	PX08	3.5
UKPX08:HE2308	1-3/8	2-5/16	8-3/4	6-5/32	2-5/8	25/32	29/32	1-1/32	4-3/8	1.811	5/8	UKX08:HE2308		
UKPX08:HS2308	1-3/8	2-5/16	8-3/4	6-5/32	2-5/8	25/32	29/32	1-1/32	4-3/8	1.811	5/8	UKX08:HS2308		
UKPX09:H2309	40	58.7	222	156	67	20	23	26	111	46	M16	UKX09:H2309	PX09	3.7
UKPX09:HA2309	1-7/16	2-5/16	8-3/4	6-5/32	2-5/8	25/32	29-3/32	1-1/32	4-9/16	1.969	5/8	UKX09:HA2309		
UKPX09:HE2309	1-1/2	2-5/16	8-3/4	6-5/32	2-5/8	25/32	29-3/32	1-1/32	4-9/16	1.969	5/8	UKX09:HE2309		
UKPX09:HS2309	1-5/8	2-5/16	8-3/4	6-5/32	2-5/8	25/32	29-3/32	1-1/32	4-9/16	1.969	5/8	UKX09:HS2309		
UKPX10:H2310	45	63.5	241	171	73	20	23	27	126	55	M16	UKX10:H2310	PX10	4.6
UKPX10:HS2310	1-5/8	2-1/2	9-1/2	6-47/64	2-7/8	25/32	29-3/32	1-1/16	4-31/32	2.165	5/8	UKX10:HS2310		
UKPX10:HA2310	1-11/16	2-1/2	9-1/2	6-47/64	2-7/8	25/32	29-3/32	1-1/16	4-31/32	2.165	5/8	UKX10:HA2310		
UKPX10:HE2310	1-3/4	2-1/2	9-1/2	6-47/64	2-7/8	25/32	29-3/32	1-1/16	4-31/32	2.165	5/8	UKX10:HE2310		
UKPX11:H2311	50	69.8	260	184	79	25	28	30	137	59	M20	UKX11:H2311	PX11	6.2
UKPX11:HS2311	17/8	2-3/4	10-1/4	7-1/4	3-1/8	31/32	1-3/32	1-3/16	5-13/32	2.323	3/4	UKX11:HS2311		
UKPX11:HA2311	1-15/16	2-3/4	10-1/4	7-1/4	3-1/8	31/32	1-3/32	1-3/16	5-13/32	2.323	3/4	UKX11:HA2311		
UKPX11:HE2311	2	2-3/4	10-1/4	7-1/4	3-1/8	31/32	1-3/32	1-3/16	5-13/32	2.323	3/4	UKX11:HE2311		
UKPX12:H2312	55	76.2	286	203	83	25	28	33	151	62	M20	UKX12:H2312	PX12	7.5
UKPX12:HS2312	2-1/8	3	11-1/4	8	3-9/32	63/64	1-3/32	1-5/16	2-441/32	3/4		UKX12:HS2312		
UKPX13:H2313	60	76.2	286	203	83	25	28	33	154	65	M20	UKX13:H2313	PX13	7.8
UKPX13:HA2313	2-3/16	3	11-1/4	8	3-9/32	63/64	1-3/32	1-5/16	2-441/32	3/4		UKX13:HA2313		
UKPX13:HE2313	2-1/4	3	11-1/4	8	3-9/32	63/64	1-3/32	1-5/16	2-441/32	3/4		UKX13:HE2313		
UKPX13:HS2313	2-3/8	3	11-1/4	8	3-9/32	63/64	1-3/32	1-5/16	2-441/32	3/4		UKX13:HS2313		
UKPX15:H2315	65	88.9	330	229	89	27	30	35	175	73	M22	UKX15:H2315	PX15	10.5
UKPX15:HA2315	2-7/16	3-1/2	13	9-1/32	3-1/2	1-1/16	1-3/16	1-3/8	6-7/8	2.874	7/8	UKX15:HA2315		
UKPX15:HS2315	2-1/2	3-1/2	13	9-1/32	3-1/2	1-1/16	1-3/16	1-3/8	6-7/8	2.874	7/8	UKX15:HS2315		
UKPX16:H2316	70	101.6	381	283	102	27	30	40	194	78	M22	UKX16:H2316	PX16	15.4
UKPX16:HA2316	2-11/16	4	15	11-5/32	4-1/32	1-1/16	1-3/16	1-9/16	7-5/8	3.071	7/8	UKX16:HA2316		
UKPX16:HS2316	2-3/4	4	15	11-5/32	4-1/32	1-1/16	1-3/16	1-9/16	7-5/8	3.071	7/8	UKX16:HS2316		
UKPX17:H2317	75	101.6	381	283	102	27	30	40	200	82	M22	UKX17:H2317	PX17	15.8
UKPX17:HA2317	2-15/16	4	15	11-5/32	4-1/32	1-1/16	1-3/16	1-9/16	7-7/8	3.228	7/8	UKX17:HA2317		
UKPX17:HE2317	3	4	15	11-5/32	4-1/32	1-1/16	1-3/16	1-9/16	7-7/8	3.228	7/8	UKX17:HE2317		
UKPX18:H2318	80	101.6	381	283	111	27	30	40	206	86	M22	UKX18:H2318	PX18	18.6
UKPX18:HA2318	3-1/16	4	15	11-5/32	4-3/8	1-1/16	1-3/16	1-9/16	8-1/8	3.388	7/8	UKX18:HA2318		
UKPX20:H2320	90	127.0	432	337	121	33	36	45	244	97	M27	UKX20:H2320	PX19	29.3
UKPX20:HA2320	3-1/2	5	17	13-9/32	4-3/4	1-5/16	1-13/32	1-25/32	9-5/8	3.814	1-1/16	UKX20:HA2320		

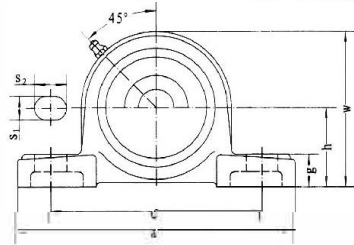


Unit No.	Dimensions										Bolt Size	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	S ₁	S ₂	g	w	B				
UCP305	25	45	175	132	45	17	20	15	85	38	M14	UC305	P305	1.4
UCP305-13	13/16	149/64	6 7/8	5 3/16	1 25/32	43/64	25/32	19/32	3 11/32	1.4961	0.591	UC305-13		
UCP305-14	7/8											UC305-14		
UCP305-15	15/16											UC305-15		
UCP305-16	1											UC305-16		
UCP306	30	50	180	140	50	17	20	18	95	43	M14	UC306	P306	1.8
UCP306-17	1 1/16											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	M14	UC307	P307	2.8
UCP307-20	1 1/4											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	M14	UC308	P308	3.0
UCP308-24	1 1/2	2 3/64	8 21/32	6 11/16	2 3/8	43/64	1 11/16	7/8	4 9/16	2 0472	0.748	UC308-24		
UCP308-25	1 9/16											UC308-25		
UCP309	45	67	245	190	67	20	30	24	129	57	M16	UC309	P309	4.1
UCP309-26	1 15/8											UC309-26		
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	0.866	UC309-27		
UCP309-28	1 3/4											UC309-28		
UCP310	50	75	275	212	75	20	35	27	143	61	M16	UC310	P310	5.8
UCP310-29	1 13/16											UC310-29		
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	M16	UC311	P311	7.4
UCP311-32	2											UC311-32		
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	2.5964	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	M20	UC312	P312	9.4
UCP312-36	2 1/4											UC312-36		
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	M20	UC313	P313	10
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	UC313-40		
UCP313-41	2 9/16											UC313-41		
UCP314	70	95	360	280	90	27	40	35	187	78	M22	UC314	P314	12
UCP314-42	2 5/8											UC314-42		
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	1.289	UC314-43		
UCP314-44	2 3/4											UC314-44		
UCP315	75	100	380	290	100	27	40	35	198	82	M22	UC315	P315	14
UCP315-45	2 13/16											UC315-45		
UCP315-46	2 7/8	3 15/16	14 31/32	11 1/32	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	M24	UC316	P316	18
UCP316-49	3 1/16											UC316-49		
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	M27	UC317	P317	20
UCP317-52	3 1/4											UC317-52		
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	M27	UC318		
UCP318-55	3 1/2	4 41/64	16 15/16	13	4 11/32	1 5/16	1 25/32	9/14	3 7795	1.575	1	UC318-55	P318	24
UCP319	95	125	470	360	120	36	50	45	250	103	M30	UC319		
UCP319-58	3 5/8											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 13/32	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	M30	UC320	P320	35.0 34.9
UCP320-64	4	5 33/64	19 9/32	14 31/32	1 23/32	1 31/32	1 31/32	1 51/64	4 25/32	4.6536	1.161	UC320-64		
UCP322	110	150	520	400	140	40	55	55	300	117	M30	UC322	P322	45
		5 29/32	20 15/32	15 3/4	55 33/64	1 9/16	2 5/32	1 5/32	11 13/16	4.6063	1.811			
UCP324	120	160	570	450	140	40	55	66	320	126	M33	UC324	P324	55
		6 19/64	22 7/16	17 23/32	5 33/64	1 9/16	2 5/32	2 21/32	12 19/32	4.9606	2.0079			
UCP326	130	180	600	480	140	40	55	75	355	135	M34	UC326	P326	72
		7 3/32	23 5/8	18 29/32	5 33/64	1 9/16	2 5/32	2 40/64	13 21/32	5.3150	2.1260			
UCP328	140	200	620	500	140	40	55	80	445	155	M33	UC328	P328	89
		7 7/8	24 13/32	19 11/16	5 33/64	1 9/16	2 5/32	2 75/64	15 23/64	5.7087	2.5928			

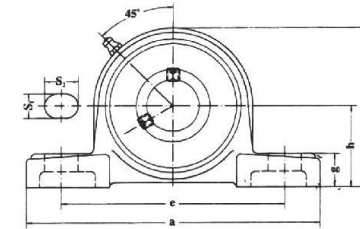
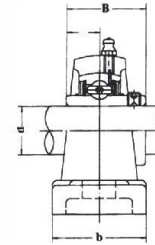
UKP3



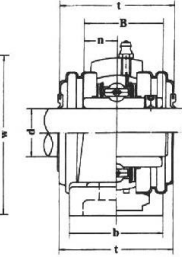
Pillow Blocks
(with adapter mounted)



Pillow Blocks



UCP2 R3(Heavy-duty)



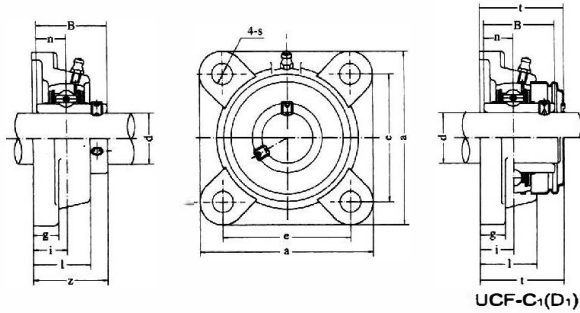
UCP-C(D)

Unit No.	Dimensions mm										Bolt Size	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	S ₁	S ₂	g	w	B ₂				
UKP305:H2305	20	45	175	132	45	17	20	15	85	35	M14	UK305:H2305	P305	1.7
UKP305:HE2305	3/4	1-49/64	6-7/8	5-3/16	1-3/4	43/64	19/32	25/32	3-11/32	1-378	1/2	UK305:HE2305		
UKP306:H2306	25	50	180	140	50	17	20	18	95	38	M14	UK306:H2306	P306	2.3
UKP306:HS2306	7/8	1-31/32	7-3/32	5-1/2	1-31/32	43/64	25/32	23/32	3-3/4	1-496	1/2	UK306:HS2306		
UKP306:HE2306	1											UK306:HE2306		
UKP307:H2307	30	56	210	160	56	17	25	20	106	43	M14	UK307:H2307	P307	3.0
UKP307:HS2307	1-1/8	2-13/64	8-9/32	6-5/16	2-7/32	43/64	63/64	25/32	4-3/16	1-693	1/2	UK307:HS2307		
UKP308:H2308	35	60	220	170	60	17	27	22	116	46	M16	UK308:H2308	P308	3.8
UKP308:HE2308	1-1/4	2-23/64	8-21/32	6-11/16	2-3/8	43/64	1-1/16	7/8	4-9/16	1-811	5/8	UK308:HE2308		
UKP308:HS2308	1-3/8											UK308:HS2308		
UKP309:H2309	40	67	245	190	67	20	30	24	129	50	M16	UK309:H2309	P309	5.0
UKP309:HA2309	1-7/16											UK309:HA2309		
UKP309:HE2309	1-1/2	1-41/64	9-21/32	7-15/32	2-5/8	25/32	1-3/16	15/16	5-3/32	1-969	5/8	UK309:HE2309		
UKP309:HS2309	1-5/8											UK309:HS2309		
UKP310:H2310	45	75	275	212	75	20	35	27	143	55	M16	UK310:H2310	P310	6.7
UKP310:HS2310	1-5/8											UK310:HS2310		
UKP310:HA2310	1-11/16	2-61/64	10-13/16	8-11/32	2-15/16	25/32	1-3/8	1-1/16	5-5/8	2-165	5/8	UK310:HA2310		
UKP310:HE2310	1-3/4											UK310:HE2310		
UKP311:H2311	50	80	310	236	80	2	38	30	154	59	M16	UK311:H2311	P311	8.1
UKP311:HS2311	1-7/8											UK311:HS2311		
UKP311:HA2311	1-15/16	3-9/32	12-7/32	9-9/32	3-5/32	25/32	1-1/2	1-3/16	6-1/16	2-323	5/8	UK311:HA2311		
UKP311:HE2311	2											UK311:HE2311		
UKP312:H2312	55	85	330	250	85	25	38	32	165	62	M20	UK312:H2312	P312	9.4
UKP312:HS2312	2-1/8	3-11/32	12	9-27/32	3-11/32	63/64	1-1/2	1-1/4	6-1/2	2-441	3/4	UK312:HS2312		
UKP313:H2313	60	90	340	260	90	25	38	33	176	65	M20	UK313:H2313	P313	10.8
UKP313:HA2313	2-3/16											UK313:HA2313		
UKP313:HA2313	2-1/4	3-35/64	13-3/8	10-1/4	3-17/32	63/64	1-1/2	1-5/16	6-15/16	2-559	3/4	UK313:HA2313		
UKP313:HS2313	2-3/8											UK313:HS2313		
UKP315:H2315	65	100	380	290	100	27	40	35	198	73	M22	UK315:H2315	P315	14.9
UKP315:HA2315	2-7/16	3-15/16	14-31/32	11-13/32	3-15/16	1-1/16	1-9/16	1-3/8	7-25/32	2-874	7/8	UK315:HA2315		
UKP315:HE2315	2-1/2											UK315:HE2315		
UKP316:H2316	70	106	400	300	110	27	40	40	210	78	M22	UK316:H2316	P316	18.6
UKP316:HA2316	2-11/16	4-11/64	15-3/4	11-13/16	4-11/32	1-1/16	1-9/16	1-9/16	8-9/32	3-071	7/8	UK316:HA2316		
UKP316:HE2316	2-3/4											UK316:HE2316		
UKP317:H2317	75	112	420	320	110	33	45	40	220	82	M27	UK317:H2317	P317	20.2
UKP317:HA2317	2-15/16	4-11/64	16-17/32	12-19/32	4-11/32	1-5/16	1-25/32	1-9/16	8-21/32	3-228	1	UK317:HA2317		
UKP317:HS2317	3											UK317:HS2317		
UKP318:H2318	80	118	430	330	110	33	45	45	235	86	M27	UK318:H2318	P318	22.8
UKP318:HA2318	3-3/16	4-41/64	16-15/16	13	4-11/32	1-5/16	1-25/32	1-25/32	9-1/4	3-386	1	UK318:HA2318		
UKP319:H2319	85	125	470	360	120	36	50	45	250	90	M30	UK319:H2319	P319	29.3
UKP319:HA2319	3-5/16	4-59/64	18-1/2	14-3/16	4-23/32	1-13/32	1-31/32	1-25/32	9-27/32	3-543	1-1/8	UK319:HA2319		
UKP320:H2320	90	140	500	380	120	36	50	50	275	97	M30	UK320:H2320	P320	34.8
UKP320:HA2320	3-7/16	5-33/64	19-9/32	14-31/32	4-23/32	1-13/32	1-32/32	1-31/32	10-53/64	3-814	1-1/8	UK320:HA2320		
UKP322:H2322	100	150	520	400	140	40	55	55	300	105	M33	UK322:H2322	P322	43.9
UKP322:HA2322	3-15/16	5-29/32	20-15/32	15-3/4	5-1/2	1-9/16	2-5/32	2-5/32	11-13/16	4-134	1-1/4	UK322:HA2322		
UKP324:H2324	110	160	570	450	140	40	55	65	320	112	M33	UK324:H2324	P324	55.7
UKP324:HA2324	4-3/16	6-19/64	22-7/16	17-23/32	5-1/2	1-9/16	2-5/32	1-21/32	12-19/32	4-410	1-1/4	UK324:HA2324		
UKP326:H2326	115	180	600	480	140	40	55	75	355	121	M33	UK326:H2326	P326	71.9
UKP326:HA2326	4-7/16	7-3/32	23-5/8	18-19/32	5-1/2	1-9/16	2-5/32	2-61/64	13-31/32	4-764	1-1/4	UK326:HA2326		
UKP328:H2328	125	200	620	500	140	40	55	75	390	131	M33	UK328:H2328	P328	92.5
UKP328:HA2328	4-15/16	7-7/8	24-13/32	19-11/16	5-1/2	1-9/16	2-5/32	2-61/64	15-32/64	5-158	1-1/4	UK328:HA2328		

Unit No.	Dimensions											Bolt Size		Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	S ₁	S ₂	g	w	i	B	n				
UCP201	12	30.2	127	95	38	13	19	14	62	44.5	31	12.7	M10	UC201	P203	0.8
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		
UCP202	15	30.2	127	95	38	13	19	14	62	44.5	31	12.7	M10	UC202	P203	0.8
UCP202-10	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	UC202-10		
UCP203	17	30.2	127	95	38	13	19	14	62	44.5	31	12.7	M10	UC203	P203	0.8
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		
UCP204	20	33.3	127	95	38	13	19	14	65	44.5	31	12.7	M10	UC204	P204	0.727
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		
UCP205	25	36.5	140	105	38	13	19	15	71	48	34.1	14.3	M10	UC205	P205	0.864
UCP205-13	13/16												3/8	UC205-13		
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		UC205-14		
UCP205-15	15/16													UC205-15		
UCP205-16	1													UC205-16		
UCP206	30	42.9	165	121	48	17	20	17	84	53	38.1	15.9	M14	UC206	P206	1.355
UCP206-17	1-1/16													UC206-17		
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	2-5/8	1.5000	0.626	1/2	UC206-18		
UCP206-19	1-3/16													UC206-19		
UCP206-20	1-1/4													UC206-20		
UCP207	35	47.6	167	127	48	17	20	18	93	59.5	42.9	17.5	M14	UC207	P207	1.748
UCP207-20	1-1/4													UC207-20		
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		
UCP207-22	1-3/8													UC207-22		
UCP207-23	1-7/16													UC207-23		
UCP208	40	49.2	184	137	54	17	20	18	100	69	49.2	19	M14	UC208	P208	2.099
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		
UCP208-25	1-9/16													UC208-25		
UCP209	45	54.0	190	146	54	17	20	20	106	69	49.2	19	M14	UC209	P209	2.207
UCP209-26	1-5/8													UC209-26		
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		
UCP209-28	1-3/4													UC209-28		
UCP210	50	57.2	206	159	60	20	23	21	113	74.5	51.6	19	M16	UC210	P210	2.652
UCP210-29	1-13/16													UC210-29		
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	2.0316	0.748	5/8	UC210-30		
UCP210-31	1-15/16													UC210-31		
UCP210-32	2													UC210-32		
UCP211	55	63.5	219	171	60	20	23	23	125	76	55.6	22.2	M16	UC211	P211	3.36
UCP211-32	2													UC211-32		
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		
UCP211-34	2 1/8													UC211-34		
UCP211-35	2 3/16													UC211-35		
UCP212	60	69.8	241	184	70	20	23	25	138	89	65.1	25.4	M16	UC212	P212	4.71
UCP212-36	2-1/4													UC212-36		
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		
UCP212-38	2-3/8													UC212-38		
UCP212-39	2-7/16													UC212-39		
UCP213	65	76.2	265	203	8	20	25	28	150	89	65.1	25.4	M20	UC213	P213	5.703
UCP213-40	2-1/2	3	10 7/16	8 2-3/4	25	1-3/32	1-1/16	5-29/32	3-1/2	2.5630	1.000		3/4	UC213-40		
UCP214	70	79.4	266	210	72	25	28	27	156	74.6	30.2	M20	UC214	P214	6.37	
UCP214-41	2-1/2															UC214-41
UCP214-42	2-5/8															UC214-42
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
UCP214-44	2-3/4													UC214-44		
UCP215	75	82.6	275	217	74	25	28	28	162		77.8	33.3	M20	UC215	P215	7.34
UCP215-45	2-13/16													UC215-45		
UCP215-46	2-7/8	3-1/4	10 53/64	8-39/64	2-29/32	63/64	1-3/32	1-3/32	6-3/8	3.0630	1.311	3/4		UC215-46		
UCP215-47	2-15/16													UC215-47		
UCP215-48	3													UC215-48		
UCP216	80	88.9	292	232	78	25	28	30	174		82.6	33.3	M20	UC216	P216	8.919
UCP216-49	3-1/16													UC216-49		
UCP216-50	3-1/2	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		
UCP216-51	3-3/16													UC216-51		
UCP217	85	95.2	310	247	83	25	28	32	185		85.7	34.1	M20	UC217	P217	10.58
UCP217-52	3-1/4													UC217-52		
UCP217-53	3-3/4	3-3/4	12-13/64	9-29/32	3-17/64	63/64	1-3/32	1-1/4	7-9/32	3.3740	1.343	3/4		UC217-53		
UCP217-55	3-7/16													UC217-55		
UCP218	90	101.6	327	262	88	27	30	33	198		96	39.7	M22	UC218	P218	13.241
UCP218-56	3-1/2	4 12-7/8	10-5/16	3-15/32	1-1/16	3-1/16	1-3/16	3-1/8	7-51/64	3.7795	1.6630			UC218-56		

UCF2

Flange Units(Square)

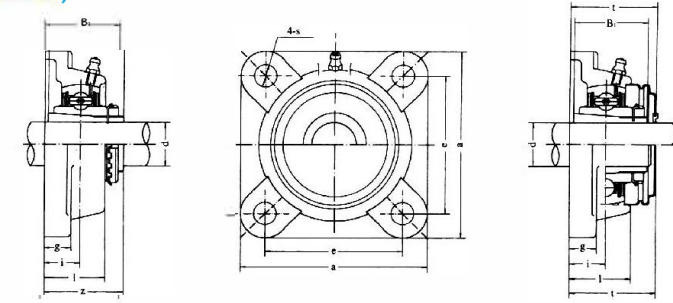


UCF-C₁(D₁)

Unit No.	mm Dimensions in.													Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
UCF201	12	85	64	15	12	25.5	12	33.3	37.5	31	12.7	12.7	0.500	M10	UC201	F204	0.60
UCF202	15	85	64	15	12	25.5	12	33.3	37.5	31	12.7	12.7	0.500	M10	UC202	F204	0.60
UCF2029	15	85	64	15	12	25.5	12	33.3	37.5	31	12.7	12.7	0.500	M10	UC2029	F204	0.60
UCF202-10	15	85	64	15	12	25.5	12	33.3	37.5	31	12.7	12.7	0.500	M10	UC202-10	F204	0.60
UCF203	17	85	64	15	12	25.5	12	33.3	37.5	31	12.7	12.7	0.500	M10	UC203	F204	0.60
UCF203-11	17	85	64	15	12	25.5	12	33.3	37.5	31	12.7	12.7	0.500	M10	UC203-11	F204	0.60
UCF204	20	85	64	15	12	25.5	12	33.3	37.5	31	12.7	12.7	0.500	M10	UC204	F204	0.60
UCF204-12	20	85	64	15	12	25.5	12	33.3	37.5	31	12.7	12.7	0.500	M10	UC204-12	F204	0.60
UCF205	25	95	70	16	14	27	12	35.8	40	34.1	14.3	14.3	0.563	M10	UC205	F205	0.80
UCF205-13	25	95	70	16	14	27	12	35.8	40	34.1	14.3	14.3	0.563	M10	UC205-13	F205	0.80
UCF205-14	25	95	70	16	14	27	12	35.8	40	34.1	14.3	14.3	0.563	M10	UC205-14	F205	0.80
UCF205-15	25	95	70	16	14	27	12	35.8	40	34.1	14.3	14.3	0.563	M10	UC205-15	F205	0.80
UCF205-16	25	95	70	16	14	27	12	35.8	40	34.1	14.3	14.3	0.563	M10	UC205-16	F205	0.80
UCF206	30	108	83	18	14	31	12	40.2	44.5	38.1	15.9	15.9	0.626	M10	UC206	F206	1.05
UCF206-17	30	108	83	18	14	31	12	40.2	44.5	38.1	15.9	15.9	0.626	M10	UC206-17	F206	1.05
UCF206-18	30	108	83	18	14	31	12	40.2	44.5	38.1	15.9	15.9	0.626	M10	UC206-18	F206	1.05
UCF206-19	30	108	83	18	14	31	12	40.2	44.5	38.1	15.9	15.9	0.626	M10	UC206-19	F206	1.05
UCF206-20	30	108	83	18	14	31	12	40.2	44.5	38.1	15.9	15.9	0.626	M10	UC206-20	F206	1.05
UCF207	35	117	92	19	16	34	14	44.4	48.5	42.9	17.5	17.5	0.689	M12	UC207	F207	1.45
UCF207-20	35	117	92	19	16	34	14	44.4	48.5	42.9	17.5	17.5	0.689	M12	UC207-20	F207	1.45
UCF207-21	35	117	92	19	16	34	14	44.4	48.5	42.9	17.5	17.5	0.689	M12	UC207-21	F207	1.45
UCF207-22	35	117	92	19	16	34	14	44.4	48.5	42.9	17.5	17.5	0.689	M12	UC207-22	F207	1.45
UCF207-23	35	117	92	19	16	34	14	44.4	48.5	42.9	17.5	17.5	0.689	M12	UC207-23	F207	1.45
UCF208	40	137	105	22	18	40	16	54.6	59.5	51.6	19	19	0.748	M14	UC208	F208	1.84
UCF208-24	40	137	105	22	18	40	16	54.6	59.5	51.6	19	19	0.748	M14	UC208-24	F208	1.84
UCF208-25	40	137	105	22	18	40	16	54.6	59.5	51.6	19	19	0.748	M14	UC208-25	F208	1.84
UCF209	45	143	111	22	18	40	16	54.6	59.5	51.6	19	19	0.748	M14	UC209	F209	2.15
UCF209-26	45	143	111	22	18	40	16	54.6	59.5	51.6	19	19	0.748	M14	UC209-26	F209	2.15
UCF209-27	45	143	111	22	18	40	16	54.6	59.5	51.6	19	19	0.748	M14	UC209-27	F209	2.15
UCF209-28	45	143	111	22	18	40	16	54.6	59.5	51.6	19	19	0.748	M14	UC209-28	F209	2.15
UCF210	50	162	130	25	20	43	19	58.4	63	55.6	22.2	22.2	0.874	M16	UC210	F210	2.45
UCF210-29	50	162	130	25	20	43	19	58.4	63	55.6	22.2	22.2	0.874	M16	UC210-29	F210	2.45
UCF210-30	50	162	130	25	20	43	19	58.4	63	55.6	22.2	22.2	0.874	M16	UC210-30	F210	2.45
UCF210-31	50	162	130	25	20	43	19	58.4	63	55.6	22.2	22.2	0.874	M16	UC210-31	F210	2.45
UCF210-32	50	162	130	25	20	43	19	58.4	63	55.6	22.2	22.2	0.874	M16	UC210-32	F210	2.45
UCF211	55	162	130	25	20	43	19	58.4	63	55.6	22.2	22.2	0.874	M16	UC211	F211	3.10
UCF211-33	55	162	130	25	20	43	19	58.4	63	55.6	22.2	22.2	0.874	M16	UC211-33	F211	3.10
UCF211-34	55	162	130	25	20	43	19	58.4	63	55.6	22.2	22.2	0.874	M16	UC211-34	F211	3.10
UCF211-35	55	162	130	25	20	43	19	58.4	63	55.6	22.2	22.2	0.874	M16	UC211-35	F211	3.10
UCF212	60	175	143	29	20	48	19	68.7	73.5	65.7	25.4	25.4	1.000	M16	UC212	F212	4.15
UCF212-36	60	175	143	29	20	48	19	68.7	73.5	65.7	25.4	25.4	1.000	M16	UC212-36	F212	4.15
UCF212-37	60	175	143	29	20	48	19	68.7	73.5	65.7	25.4	25.4	1.000	M16	UC212-37	F212	4.15
UCF212-38	60	175	143	29	20	48	19	68.7	73.5	65.7	25.4	25.4	1.000	M16	UC212-38	F212	4.15
UCF212-39	60	175	143	29	20	48	19	68.7	73.5	65.7	25.4	25.4	1.000	M16	UC212-39	F212	4.15
UCF213	65	187	149	30	22	50	19	69.7	74.5	65.1	25.4	25.4	1.000	M16	UC213	F213	5.00
UCF213-40	65	187	149	30	22	50	19	69.7	74.5	65.1	25.4	25.4	1.000	M16	UC213-40	F213	5.00
UCF213-41	65	187	149	30	22	50	19	69.7	74.5	65.1	25.4	25.4	1.000	M16	UC213-41	F213	5.00
UCF214	70	193	152	31	22	54	19	75.4	81.5	74.6	30.2	30.2	1.189	M16	UC214	F214	5.60
UCF214-42	70	193	152	31	22	54	19	75.4	81.5	74.6	30.2	30.2	1.189	M16	UC214-42	F214	5.60
UCF214-43	70	193	152	31	22	54	19	75.4	81.5	74.6	30.2	30.2	1.189	M16	UC214-43	F214	5.60
UCF214-44	70	193	152	31	22	54	19	75.4	81.5	74.6	30.2	30.2	1.189	M16	UC214-44	F214	5.60
UCF215	75	200	159	34	22	56	19	78.5	83.5	77.8	33.3	33.3	1.311	M16	UC215	F215	6.90
UCF215-45	75	200	159	34	22	56	19	78.5	83.5	77.8	33.3	33.3	1.311	M16	UC215-45	F215	6.90
UCF215-46	75	200	159	34	22	56	19	78.5	83.5	77.8	33.3	33.3	1.311	M16	UC215-46	F215	6.90
UCF215-47	75	200	159	34	22	56	19	78.5	83.5	77.8	33.3	33.3	1.311	M16	UC215-47	F215	6.90
UCF215-48	75	200	159	34	22	56	19	78.5	83.5	77.8	33.3	33.3	1.311	M16	UC215-48	F215	6.90
UCF216	80	208	165	34	22	58	19	81.5	86.5	80.6	34.1	34.1	1.343	M20	UC216	F216	7.50
UCF216-49	80	208	165	34	22	58	19	81.5	86.5	80.6	34.1	34.1	1.343	M20	UC216-49	F216	7.50
UCF216-50	80	208	165	34	22	58	19	81.5	86.5	80.6	34.1	34.1	1.343	M20	UC216-50	F216	7.50
UCF216-51	80	208	165	34	22	58	19	81.5	86.5	80.6	34.1	34.1	1.343	M20	UC216-51	F216	7.50
UCF217	85	220	175	36	24	63	23	87.6	92.6	85.7	34.1	34.1	1.343	M20	UC217	F217	9.60
UCF217-52	85	220	175	36	24	63	23	87.6	92.6	85.7	34.1	34.1	1.343	M20	UC217-52	F217	9.60
UCF217-53	85	220	175	36	24	63	23	87.6	92.6	85.7	34.1	34.1	1.343	M20	UC217-53	F217	9.60
UCF217-55	85	220	175	36	24	63	23	87.6	92.6	85.7	34.1	34.1	1.343	M20	UC217-55	F217	9.60
UCF218	90	235	187	40	24	68	23	96.3	101.5	96	39.7	39.7	1.563	M20	UC218	F218	12.10
UCF218-56	90	235	187	40	24	68	23	96.3	101.5	96	39.7	39.7	1.563	M20	UC218-56	F218	12.10

Flange Units(square)
(with adapter mounted)

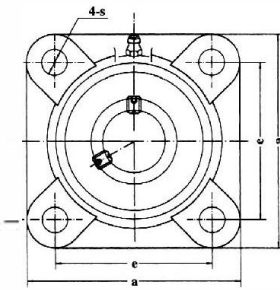
UKF2



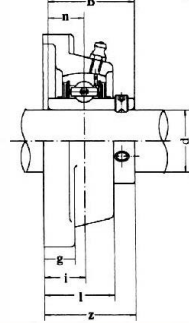
UKF-C₁(D₁)

Unit No.	mm Dimensions in.													Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	S	z	t	B ₁							
UKF205:H2305	20	95	70	16	14	27	12	35.5	40	35	14.3	14.3	0.563	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	16	16	16	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			3/8	UK206:HS2306		
UKF206:HE2306	1														UK206:HE2306		
UKF207:H2307	30	117	92	19	16	34	14	42.5	48.5	43	18	18	18	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			7/16	UK207:HS2307		
UKF208:H2308	35	130	102	21	16	36	16	46.5	55.5	46	18	18	18	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			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	18	18	18	M14	UK209:H2309	F209	2.30
UKF209:HA2309	1-7/16													1/2	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					UK209:HE2309		
UKF209:HS2309	1-5/8														UK209:HS2309		
UKF210:H2310	45	143	111	22	18	40	16	50	59.5	55	18	18	18	M14	UK210:H2310	F210	2.59
UKF210:HS2310	1-5/8													1/2	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					UK210:HA2310		
UKF210:HE2310	1-3/4														UK210:HE2310		
UKF211:H2311	50	162	130	25	20	43	19	54.5	63	59	18	18	18	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	18	18	18	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	2-75/64	2.441	5/8			5/8	UK212:HS2312		
UKF213:H2313	60	187	149	30	22	50	19	64	74.5	65	18	18	18	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	18	18	18	M16	UK215:H2315	F215	7.02
UKF215:HA2315	2-7/16	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:HA2315		
UKF215:HE2315	2-1/2														UK215:HE2315		
UKF216:H2316	70	208	165	34	22	58	23	73.5	88.5	78	18	18	18	M20	UK216:H2316	F216	7.76
UKF216:HA2316	2-11/16	6-3/16	6-1/2	1-11/32	55/64	2-9/32	29/32	2-57/64	3-31/64	3.071	3/4				UK216:HA2316		
UKF216:HE2316	2-3/4														UK216:HE2316		
UKF217:H2317	75	220	175	36	24	63	23	77	92.6	82	18	18	18	M20	UK217:H2317	F217	10.08
UKF217:HA2317	2-5/16	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:HA2317		
UKF217:HE2317	3														UK217:HE2317		
UKF218:H2318	80	235	187	40	24	68	23	81.5	101.5	4	18	18	18	M20	UK218:H2318	F218	12.44
UKF218:HA2318	3-3/16	9-1/4	7-23/64	1-37/64	15/16	2-11/16	29/32	3-13/64	4	3.888	3/4				UK218:HA2318		

UCFX



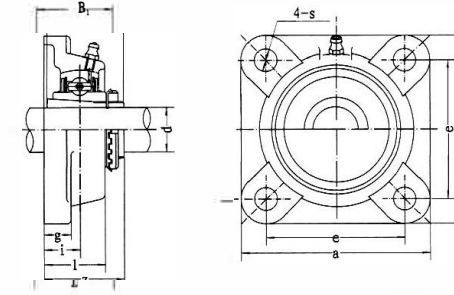
Flange Units(Square)



Unit No.	mm Dimensions in.											Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
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											UCX11-36			
UCFX11-37	2-5/16											UCX11-37			
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	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	UCX14-42			
UCFX14-43	2-11/16											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	9.8	
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	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	UCX17-53			
UCFX17-54	3-1/16											UCX17-54			
UCFX17-55	3-7/16											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	2-3/4	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			
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			

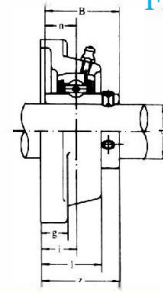
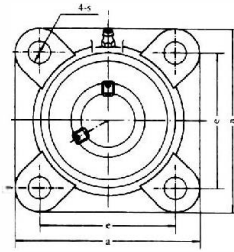
UKFX

Flange Units(square) (with adapter mounted)



Unit No.	mm Dimensions in.										Bolt Size ref inch	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	S	z	B ₁					
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	2-5/16	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	1-17/32	3-13/31	1-7/32	4-3/64	3.814	1	UKFX20;HA2320			

UCF3

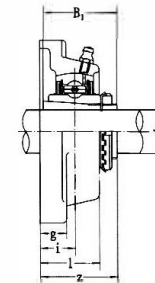
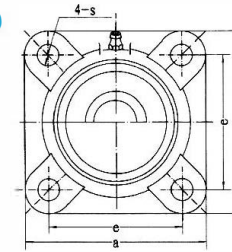


Flange Units(Square)

Unit No.	mm Dimensions in.										Bolt Size	Bearing No.	Housing No.	Weight (kg)
	d	a	e	l	g	l	S	z	B	n				
UCF305	25	110	80	16	13	29	16	39	38	15	M14	UC305	F305	1.1
UCF305-13	13/16											UC305-13		
UCF305-14	7/8	4-11/32	3-5/32	5/8	1/2	1-5/32	5/8	1-17/32	1.4961	0.591	1/2	UC305-14		
UCF305-15	15/16											UC305-15		
UCF305-16	1											UC305-16		
UCF306	30	125	95	18	15	32	16	44	43	17	M14	UC306	F306	1.6
UCF306-17	1-1/16											UC306-17		
UCF306-18	1-1/8	4-29/32	3-37/64	45/64	19/32	1-1/4	5/8	1-47/64	1.6929	0.669	1/2	UC306-18		
UCF306-19	1-3/16											UC306-19		
UCF307	35	135	100	20	16	36	19	49	48	19	M16	UC307	F307	2
UCF307-20	1-1/4											UC307-20		
UCF307-21	1-5/16	5-5/16	3-15/16	25/32	5/8	1-13/32	3/4	1-59/64	1.8898	0.748	5/8	UC307-21		
UCF307-22	1-3/8											UC307-22		
UCF307-23	1-7/16											UC307-23		
UCF308	40	150	112	23	17	40	19	56	52	19	M16	UC308	F308	2.7
UCF308-24	1-1/2											UC308-24		
UCF308-25	1-9/16	5-29/32	4-13/32	29/32	21/32	1-9/16	3/4	2-13/64	2.0472	0.748	5/8	UC308-25		
UCF309	45	160	125	25	16	44	19	60	57	22	M16	UC309	F309	3.4
UCF309-26	1-5/8											UC309-26		
UCF309-27	1-11/16	6-5/16	4-59/64	63/64	23/32	1-23/32	3/4	2-23/64	2.2441	0.866	5/8	UC309-27		
UCF309-28	1-3/4											UC309-28		
UCF310	50	175	132	28	19	48	23	67	61	22	M20	UC310	F310	4.5
UCF310-29	1-13/16											UC310-29		
UCF310-30	1-7/8	6-7/8	5-13/64	1-7/64	3/4	1-7/8	29/32	2-41/64	2.4016	0.866	3/4	UC310-30		
UCF310-31	1-15/16											UC310-31		
UCF311	55	185	140	30	20	52	23	71	66	25	M20	UC311	F311	5.5
UCF311-32	2											UC311-32		
UCF311-33	2-1/16	7-9/32	5-33/64	1-3/16	25/32	2-1/16	29/32	2-51/64	2.5984	0.948	3/4	UC311-33		
UCF311-34	2-1/8											UC311-34		
UCF311-35	2-3/16											UC311-35		
UCF312	60	195	150	33	22	56	23	78	71	26	M20	UC312	F312	6.5
UCF312-36	2-1/4											UC312-36		
UCF312-37	2-5/16	7-11/16	5-29/32	1-19/64	7/8	2-7/32	29/32	3-5/64	2.7953	1.024	3/4	UC312-37		
UCF312-38	2-3/8											UC312-38		
UCF312-39	2-7/16											UC312-39		
UCF313	65	208	166	33	22	58	23	78	75	30	M20	UC313	F313	7.9
UCF313-40	2-1/2											UC313-40		
UCF313-41	2-9/16	8-3/16	6-17/32	1-19/64	55/64	2-9/32	29/32	3-5/64	2.9528	1.818	3/4	UC313-41		
UCF314	70	226	178	36	25	61	25	81	78	33	M22	UC314	F314	9.5
UCF314-42	2-5/8											UC314-42		
UCF314-43	2-11/16	8-29/32	6-1/64	1-27/64	31/32	2-13/32	63/64	3-3/16	3.0708	1.299	7/8	UC314-43		
UCF314-44	2-3/4											UC314-44		
UCF315	75	236	184	39	25	66	25	89	82	32	M22	UC315	F315	11.2
UCF315-45	2-13/16											UC315-45		
UCF315-46	2-7/8	9-19/32	7-1/4	1-17/32	31/32	2-19/32	63/64	3-1/2	3.2283	1.260	7/8	UC315-46		
UCF315-47	2-15/16											UC315-47		
UCF315-48	3											UC315-48		
UCF316	80	250	196	38	27	68	31	90	86	34	M27	UC316	F316	14
UCF316-49	3-1/16	9-27/32	7-23/32	1-1/2	1-1/16	1-7/32	3-35/64	3.3858	1.339	1		UC316-49		
UCF316-50	3-1/8											UC316-50		
UCF316-51	3-3/16											UC316-51		
UCF317	85	260	204	44	27	74	31	100	96	40	M27	UC317	F317	16
UCF317-52	3-1/4											UC317-52		
UCF317-53	3-5/16	10-1/4	8-1/32	1-47/64	1-1/16	2-29/32	1-7/32	3-15/16	3.7795	1.575	1	UC317-53		
UCF317-55	3-7/16											UC317-55		
UCF318	90	280	216	44	30	76	35	100	96	40	M30	UC318	F318	19
UCF318-55	3-7/16											UC318-55		
UCF318-56	3-1/2	11-1/32	8-1/2	1-47/64	1-3/16	3	1-3/8	3-15/16	3.7795	1.575	1-1/8	UC318-56		
UCF319	95	290	228	59	30	94	35	121	103	41	M30	UC319	F319	22
UCF319-58	3-5/8											UC319-58		
UCF319-59	3-11/16	11-13/32	8-31/32	2-21/64	1-3/16	3-11/16	1-3/8	4-49/64	4.0551	1.614	1-1/8	UC319-59		
UCF319-60	3-3/4											UC319-60		
UCF320	100	310	242	59	32	94	38	125	108	42	M33	UC320	F320	26
UCF320-64	4	12-7/32	9-17/32	2-21/64	1-1/4	3-11/16	1-1/2	4-29/32	1-1/4			UC320-64		
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
UCF328	17-23/32	13-25/32	2-61/64	2-5/32	4-29/32	1-39/64	6-11/32	5-70/64	2-32/28			UC328		

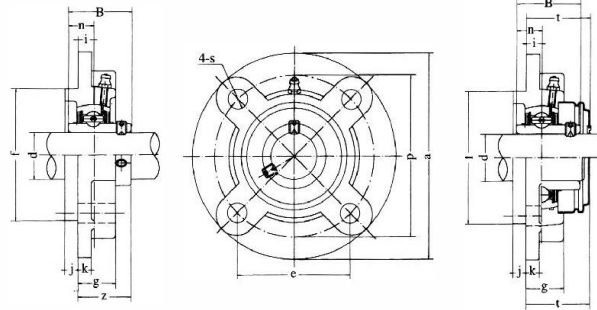
UKF3

Flange Units(square)
(with adapter mounted)



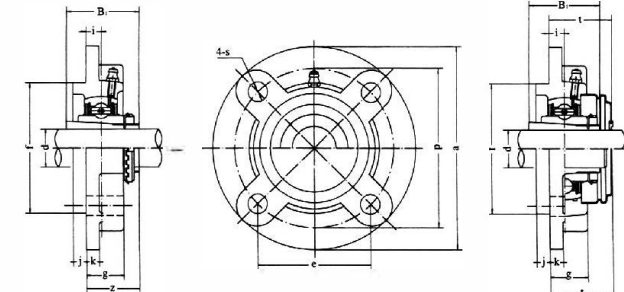
Unit No.	mm Dimensions in.										Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	S	z	B ₁					
UKF305/H2305	20	110	80	16	13	29	16	37	35	M14	UK305/H2305	F305	1.4	
UKF305/HE2305	3/4	4-11/32	3-5/32	5/8	1/2	1-5/32	5/8	1-29/64	1.378	1/2	UK305/HE2305			
UKF306/H2306	25	125	95	18	15	32	16	40.5	38	M14	UK306/H2306	F306	1.9	
UKF306/HS2306	7/8	4-29/32	3-47/64	45/64	19/32	1-1/4	5/8	2-19/32	1.496	1/2	UK306/HS2306			
UKF306/HE2306	1										UK306/HE2306			
UKF307/H2307	30	135	100	20	16	36	19	44.5	43	M16	UK307/H2307	F307	2.3	
UKF307/HS2307	1-1/8	5-5/16	3-15/16	25/32	5/8	1-13/32	3/4	2-3/4	1.693	5/8	UK307/HS2307			
UKF308/H2308	35	150	112	23	17	40	19	50	46	M16	UK308/H2308	F308	3.1	
UKF308/HE2308	11-1/4	5-29/32	4-13/32	29/32	21/32	1-9/16	3/4	2-31/32	1.811	5/8	UK308/HE2308			
UKF308/HS2308	1-3/8										UK308/HS2308			
UKF309/H2309	40	160	125	25	18	44	19	54.5	50	M16	UK309/H2309	F309	4.1	
UKF309/HA2309	1-7/16										UK309/HA2309			
UKF309/HE2309	1-1/2	6-6/16	4-59/64	63/64	23/32	1-23/32	3/4	2-9/64	1.969	M16	UK309/HE2309			
UKF309/HS2309	1-5/8										UK309/HS2309			
UKF310/H2310	45	175	132	28	19	48	23	60	55	M20	UK310/H2310	F310	5.1	
UKF310/HS2310	1-5/8										UK310/HS2310			
UKF310/HA2310	1-11/16	6-7/8	5-13/64	1-7/64	3/4	1-7/8	29/32	2-23/64	2.165	3/4	UK310/HA2310			
UKF310/HE2310	1-3/4										UK310/HE2310			
UKF311/H2311	50	185	140	30	20	52	23	63.5	59	M20	UK311/H2311	F311	5.9	
UKF311/HS2311	1-7/8										UK311/HS2311			
UKF311/HA2311	1-15/16	7-9/32	5-33/64	1-3/16	25/32	2-1/16	29/32	2-1/2	2.323	3/4	UK311/HA2311			
UKF311/HE2311	2										UK311/HE2311			
UKF312/H2312	55	195	150	33	22	56	23	69	62	M20	UK312/H2312	F312	6.8	
UKF312/HS2312	2-1/8	7-11/16	5-29/32	1-19/64	7/8	2-7/32	29/32	2-23/32	2.441	3/4	UK312/HS2312			
UKF313/H2313	60	208	166	33	22	58	23	71	65	M20	UK313/H2313	F313	7.9	
UKF313/HA2313	2-3/16										UK313/HA2313			
UKF313/HS2313	2-1/4	8-3/16	6-17/32	1-19/64	7/8	2-9/32	29/32	2-51/64	2.559	3/4	UK313/HS2313			
UKF313/HE2313	2-3/8										UK313/HE2313			
UKF315/H2315	65	236	184	39	25	66	25	81	73	M22	UK315/H2315	F315	11.7	
UKF315/HA2315	2-7/16	9-9/32	7-1/4	1-17/32	63/64	2-19/32	63/64	3-3/16	2.874	7/8	UK315/HA2315			
UKF315/HE2315	2-1/2										UK315/HE2315			
UKF316/H2316	70	250	196	38	27	68	31	83.5	78	M27	UK316/H2316	F316	12.9	
UKF316/HA2316	2-11/16	9-27/32	7-23/32	1-1/2	1-1/16	2-11/16	1-7/32	3-9/32	3.071	1	UK316/HA2316			
UKF316/HE2316	2-3/4										UK316/HE2316			
UKF317/H2317	75	260	204	44	27	74	31	92	82	M27	UK317/H2317	F317	15.2	
UKF317/HA2317	2-15/16	10-1/4	8-1/32	1-47/64	1-1/16	2-29/32	3-5/8	3-228	1		UK317/HA2317			
UKF317/HS2317	3										UK317/HS2317			
UKF318/H2318	80	280	216	44	30	76	35	93.5	86	M30	UK318/H2318	F318	19.0	
UKF318/HA2318	3-3/16	11-1/32	8-1/2	1-47/64	1-3/16	3	1-3/8	3-11/16	3.386	1-1/8	UK318/HA2318			
UKF319/H2319	85	290	228	59	30	94	35	111	90	M30	UK319/H2319	F319	21.9	
UKF319/HA2319	3-5/16	11-13/32	8-31/32	2-21/64	1-3/16	3-11/16	1-3/8	4-3/8	3.543	1-1/8	UK319/HA2319			
UKF320/H2320	90	310	242	59	32	94	38	115	97	M33	UK320/H2320	F320	25.4	
UKF320/HA2320	3-7/16	12-7/32	9-17/32	2-21/64	1-1/4	3-11/16	1-1/2	4-17/32	3.814	1-1/4	UK320/HA2320			
UKF322/H2322	100	340	266	60	35	96	41	121	105	M36	UK322/H2322	F322	35.2	
UKF322/HA2322	3-15/16	13-3/8	10-15/32	3-23/64	1-3/8	3-25/32	1-39/64	4-49/64	4.134	1-3/8	UK322/HA2322			
UKF324/H2324	110	410	290	65	40	110	41	130	112	M36	UK324/H2324	F324	47.6	
UKF324/HA2324	4-3/16	12-15/32	9-12/32	2-9/16	1-9/16	4-11/32	1-39/64	5-1/8	4.410	1-3/8	UK324/HA2324			
UKF326/H2326	115	450	320	65	45	115	41	134	121	M36	UK326/H2326	F326	65.3	
UKF326/HA2326	4-7/16	16-5/32	12-19/32	2-9/16	1-25/32	4-17/32	1-39/64	5-9/32	4.764	1-3/8	UK326/HA2326			
UKF328/H2328	125		350	75	55	125	41	148	131	M36	UK328/H2328	F328	93.4	
UKF328/HA2328	4-15/16	17-23/32	12-25/32	2-61/64	2-5/32	4-29/32	1-39/64	5-53/64	5.518	1-3/8	UK328/HA2328			

UCFC2



Flange Cartridge Units

Flange Cartridge Units
(with adapter mounted)



UKFC2

UCFC-C1(D1)

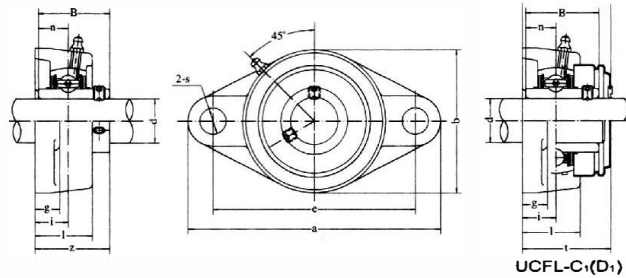
Unit No.	mm Dimensions in.															Bolt S F mm inch	Bearing No.	Housing No.	Weight (kg)
	d	a	p	e	i	s	k	q	f	z	t	B	n						
UCFC201	12	100	78	55.1	10	12	5	7	20.5	62	28.3	32.5	31	12.7	M10	UC201	FC204	0.72	
UCFC201-8	12	1-15/16	3-5/64	2-11/64	25/64	15/32	13/64	9/32	20.5	62	1-1/8	1-9/32	1.2205	0.500	M10 3/8	UC201-8			
UCFC202	15	100	78	55.1	10	12	5	7	20.5	62	28.3	32.5	31	12.7	M10	UC202	FC204	0.72	
UCFC202-9	15	1-1/8	3-5/64	2-11/64	25/64	15/32	13/64	9/32	20.5	62	1-1/8	1-9/32	1.2205	0.500	M10 3/8	UC202-9			
UCFC202-10	15	100	78	55.1	10	12	5	7	20.5	62	28.3	32.5	31	12.7	M10	UC202-10	FC204	0.70	
UCFC203	17	100	78	55.1	10	12	5	7	20.5	62	28.3	32.5	31	12.7	M10	UC203			
UCFC203-11	17	1-15/16	3-5/64	2-11/64	25/64	15/32	13/64	9/32	20.5	62	1-1/8	1-9/32	1.2205	0.500	M10 3/8	UC203-11	FC204	0.69	
UCFC204	20	100	78	55.1	10	12	5	7	20.5	62	28.3	32.5	31	12.7	M10	UC204			
UCFC204-12	20	1-1/4	3-5/64	2-11/64	25/64	15/32	13/64	9/32	20.5	62	1-1/8	1-9/32	1.2205	0.500	M10 3/8	UC204-12	FC205	1.01	
UCFC205	25	115	90	63.6	10	12	6	7	21	70	29.8	34	34.1	14.3	M10	UC205			
UCFC205-13	25	1-13/16	3-5/64	2-1/2	25/64	15/32	15/64	9/32	21.6	70.9	1-11/16	1-11/32	1.3425	0.563	M10 3/8	UC205-13	FC205	1.01	
UCFC205-14	25	1-1/8	3-5/64	2-1/2	25/64	15/32	15/64	9/32	21.6	70.9	1-11/16	1-11/32	1.3425	0.563	M10 3/8	UC205-14			
UCFC205-15	25	115	90	63.6	10	12	6	7	21	70	29.8	34	34.1	14.3	M10	UC205-15	FC206	1.30	
UCFC205-16	25	1-1/8	3-5/64	2-1/2	25/64	15/32	15/64	9/32	21.6	70.9	1-11/16	1-11/32	1.3425	0.563	M10 3/8	UC205-16			
UCFC206	30	125	100	70.7	10	12	8	8	23	80	32.2	36.5	38.1	15.9	M10	UC206	FC206	1.30	
UCFC206-17	30	1-1/8	3-5/64	3-15/16	2	25/32	25/64	15/32	5/16	5/16	29/32	3.1496	1.7164	1.5000	0.626	M10 3/8			UC206-17
UCFC206-18	30	125	100	70.7	10	12	8	8	23	80	32.2	36.5	38.1	15.9	M10	UC206-18	FC206	1.30	
UCFC206-19	30	1-1/4	3-5/64	3-15/16	2	25/32	25/64	15/32	5/16	5/16	29/32	3.1496	1.7164	1.5000	0.626	M10 3/8			UC206-19
UCFC206-20	30	125	100	70.7	10	12	8	8	23	80	32.2	36.5	38.1	15.9	M10	UC206-20	FC207	1.82	
UCFC207	35	135	110	77.8	11	14	8	9	26	90	36.4	41	42.9	17.5	M12	UC207			
UCFC207-20	35	1-5/8	4-21/64	3-1/16	7/16	35/64	5/16	23/64	1-1/32	3.5433	1-7/16	1-5/8	1.6890	0.689	7/16	UC207-20	FC207	1.82	
UCFC207-21	35	1-5/8	4-21/64	3-1/16	7/16	35/64	5/16	23/64	1-1/32	3.5433	1-7/16	1-5/8	1.6890	0.689	7/16	UC207-21			
UCFC207-22	35	1-3/8	3-1/4	2-1/2	1	1	1	1	1	1	1	1	1	1	1	UC207-22	FC208	2.15	
UCFC207-23	35	1-7/16	3-1/4	2-1/2	1	1	1	1	1	1	1	1	1	1	1	UC207-23			
UCFC208	40	145	120	84.8	11	14	10	9	26	100	41.2	45.5	49.2	19	M12	UC208	FC208	2.15	
UCFC208-24	40	1-1/4	4-23/32	3-1/32	7/16	35/64	5/16	23/64	1-1/32	3.9370	1-5/8	1-5/16	1.9370	0.748	7/16	UC208-24			
UCFC208-25	40	1-3/8	4-23/32	3-1/32	7/16	35/64	5/16	23/64	1-1/32	3.9370	1-5/8	1-5/16	1.9370	0.748	7/16	UC208-25	FC209	2.72	
UCFC209	45	160	132	93.3	10	16	12	14	26	105	40.2	44.5	49.2	19	M14	UC209			
UCFC209-26	45	1-5/8	4-23/32	3-1/32	7/16	35/64	5/16	23/64	1-1/32	4.1339	1-37/64	1-3/4	1.9370	0.748	12	UC209-26	FC209	2.72	
UCFC209-27	45	1-11/16	4-23/32	3-1/32	7/16	35/64	5/16	23/64	1-1/32	4.1339	1-37/64	1-3/4	1.9370	0.748	12	UC209-27			
UCFC209-28	45	1-11/16	4-23/32	3-1/32	7/16	35/64	5/16	23/64	1-1/32	4.1339	1-37/64	1-3/4	1.9370	0.748	12	UC209-28	FC210	2.93	
UCFC210	50	165	138	97.6	10	16	12	14	28	110	42.6	47.5	51.6	19	M14	UC210			
UCFC210-29	50	1-13/16	4-23/32	3-1/32	7/16	35/64	5/16	23/64	1-1/32	4.3307	1-11/16	1-7/8	2.0315	0.748	12	UC210-29	FC210	2.93	
UCFC210-30	50	1-7/8	4-23/32	3-1/32	7/16	35/64	5/16	23/64	1-1/32	4.3307	1-11/16	1-7/8	2.0315	0.748	12	UC210-30			
UCFC210-31	50	1-15/16	4-23/32	3-1/32	7/16	35/64	5/16	23/64	1-1/32	4.3307	1-11/16	1-7/8	2.0315	0.748	12	UC210-31	FC211	4.06	
UCFC210-32	50	1-15/16	4-23/32	3-1/32	7/16	35/64	5/16	23/64	1-1/32	4.3307	1-11/16	1-7/8	2.0315	0.748	12	UC210-32			
UCFC211	55	185	150	106.1	13	19	12	15	31	125	46.4	51	55.6	22.2	M16	UC211	FC211	4.06	
UCFC211-32	55	2-1/8	7-9/32	5-29/32	4-3/16	33/64	3/4	15/32	19/32	1-7/32	4.9213	1-53/64	2-1/64	2.1890	0.874	5/8			UC211-32
UCFC211-33	55	2-1/8	7-9/32	5-29/32	4-3/16	33/64	3/4	15/32	19/32	1-7/32	4.9213	1-53/64	2-1/64	2.1890	0.874	5/8	UC211-33	FC212	4.95
UCFC211-34	55	2-1/8	7-9/32	5-29/32	4-3/16	33/64	3/4	15/32	19/32	1-7/32	4.9213	1-53/64	2-1/64	2.1890	0.874	5/8	UC211-34		
UCFC211-35	55	2-3/16	7-9/32	5-29/32	4-3/16	33/64	3/4	15/32	19/32	1-7/32	4.9213	1-53/64	2-1/64	2.1890	0.874	5/8	UC211-35	FC212	4.95
UCFC212	60	195	160	113.1	17	19	12	15	36	135	56.7	61.5	65.1	25.4	M16	UC212			
UCFC212-36	60	2-1/4	7-11/16	6-19/64	4-29/64	43/64	3/4	15/32	19/32	1-27/64	5.3150	2-15/64	2-27/64	2.5630	1.000	5/8	UC212-36	FC212	4.95
UCFC212-37	60	2-3/8	7-11/16	6-19/64	4-29/64	43/64	3/4	15/32	19/32	1-27/64	5.3150	2-15/64	2-27/64	2.5630	1.000	5/8	UC212-37		
UCFC212-38	60	2-3/8	7-11/16	6-19/64	4-29/64	43/64	3/4	15/32	19/32	1-27/64	5.3150	2-15/64	2-27/64	2.5630	1.000	5/8	UC212-38	FC213	5.68
UCFC212-39	60	2-7/16	7-11/16	6-19/64	4-29/64	43/64	3/4	15/32	19/32	1-27/64	5.3150	2-15/64	2-27/64	2.5630	1.000	5/8	UC212-39		
UCFC213	65	205	170	120.2	16	19	14	15	36	145	55.7	60.5	65.1	25.4	M16	UC213	FC213	5.68	
UCFC213-40	65	2-1/2	8-15/16	6-11/16	4-7/64	5/8	3/4	35/64	19/32	1-27/64	5.5118	1-3/16	2-25/64	2.5630	1.000	5/8			UC213-40
UCFC213-41	65	2-9/16	8-15/16	6-11/16	4-7/64	5/8	3/4	35/64	19/32	1-27/64	5.5118	1-3/16	2-25/64	2.5630	1.000	5/8	UC213-41	FC214	7.03
UCFC214	70	215	177	125.1	17	19	14	18	40	150	61.4	66.3	70.9	30.2	M16	UC214			
UCFC214-42	70	2-5/8	8-15/32	6-31/32	4-59/64	43/64	3/4	35/64	23/32	1-37/64	5.9055	1-13/32	2.9370	1.189	5/8	UC214-42	FC214	7.03	
UCFC214-43	70	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	1-13/32	2.9370	1.189	5/8	UC214-43			
UCFC214-44	70	2-3/4	8-15/32	6-31/32	4-59/64	43/64	3/4	35/64	23/32	1-37/64	5.9055	1-13/32	2.9370	1.189	5/8	UC214-44	FC215	7.62	
UCFC215	75	220	184	130.1	18	19	16	18	40	160	62.5	67.3	71.9	30.5	M16	UC215			
UCFC215-45	75	2-13/16	8-21/32	7-1/4	5-1/8	23/32	3/4	5/8	23/32	1-37/64	6.2992	2-15/32	3.0630	1.311	5/8	UC215-45	FC215	7.62	
UCFC215-46	75	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	2-15/32	3.0630	1.311	5/8	UC215-46			
UCFC215-47	75	2-15/16	8-21/32	7-1/4	5-1/8	23/32	3/4	5/8	23/32	1-37/64	6.2992	2-15/32	3.0630	1.311	5/8	UC215-47	FC216	9.17	
UCFC215-48	75	2-15/16	8-21/32	7-1/4	5-1/8	23/32	3/4	5/8	23/32	1-37/64	6.2992	2-15/32	3.0630	1.311	5/8	UC215-48			
UCFC216	80	240	200	141.4	18	23	16	18	42	170	67.3	72.1	76.8	33.3	M20	UC216	FC216	9.17	
UCFC216-49	80	3-1/16	9-25/64	7-7/8	5-9/16	23/32	23/32	5/8	23/32	2-21/32	6.6929	2-21/32	3.2520	1.311	3/4	UC216-49			
UCFC216-50	80	3-1/8	9-25/64	7-7/8	5-9/16	23/32	23/32	5/8	23/32	2-21/32	6.6929	2-21/32	3.2520	1.311	3/4	UC216-50	FC217	10.83	
UCFC216-51	80	3-3/16	9-25/64	7-7/8	5-9/16	23/32	23/32	5/8	23/32	2-21/32	6.6929	2-21/32	3.2520	1.311	3/4	UC216-51			
UCFC217	85	250	208	147.1	18	23	18	20	45	180	69.6	74.4	79.1	34.1	M20	UC217	FC217	10.83	
UCFC217-52	85	3-1/4	9-27/32	8-3/16	5-51/64	23/32	23/32	23/32	23/32	1-25/32	7.0866	2-3/4	3.3740	1.343	3/4	UC217-52			
UCFC217-53	85	3-5/16	9-27/32	8-3/16	5-51/64	23/32	23/32	23/32	23/32	1-25/32	7.0866	2-3/4	3.3740	1.343	3/4	UC217-53	FC218	13.01	
UCFC217-55	85	3-7/16	9-27/32	8-3/16	5-51/64	23/32	23/32	23/32	23/32	1-25/32	7.0866	2-3/4	3.3740	1.343	3/4	UC217-55			
UCFC218	90	265	220	155.5	22	23	18	20	50	190	78.3	83.1	87.8	39.7	M20	UC218	FC		

UCFC-C1(D1)

Unit No.	mm Dimensions in.															Bolt S F mm inch	Bearing No.	Housing No.	Weight (kg)
	d	a	p	e	i	s	j	k	q	f	z	t	B ₁						
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	4-21/64	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	1-3/4	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	1-1/8														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	4-33/64	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	4.18		
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	1														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	35/64	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	1-7/8	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	2-5/16	9-27/32	8-3/8	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	3-55/64		3.386	3/4	UK218;HA2318				

UCFL 2

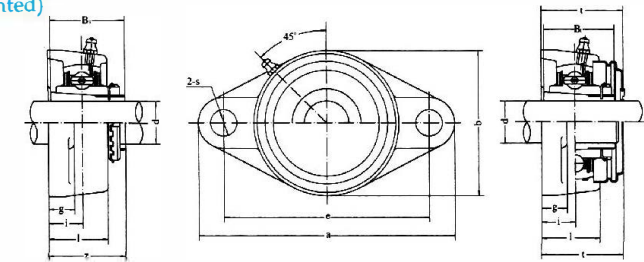
Flange Units(Oval)



UCFL-C₁(D₁)

Unit No.	mm Dimensions in.												Bolt Size mm inch	Bearing No.	Housing No	Weight (kg)		
	d	a	e	i	g	l	S	b	z	t	B	n						
UCFL201	12	113	90	15	11	25.5	12	60	33.3	37.5	31	12.7	M10	UC201	FL204	0.40		
UCFL201-8	1/2	4.71/16	3.35/64	19/32	7/16	1	15/32	2-3/8	1.5/16	1.31/64	1.2205	0.500	3/8	UC201-8				
UCFL202	15	113	90	15	11	25.5	12	60	33.3	37.5	31	12.7	M10	UC202	FL204	0.40		
UCFL202-9	9/16	4.71/16	3.35/64	19/32	7/16	1	15/32	2-3/8	1.5/16	1.31/64	1.2205	0.500	3/8	UC202-9				
UCFL202-10	5/8													UC202-10				
UCFL203	17	113	90	15	11	25.5	12	60	33.3	37.5	31	12.7	M10	UC203	FL204	0.40		
UCFL203-11	11/16	4.71/16	3.35/64	19/32	7/16	1	15/32	2-3/8	1.5/16	1.31/64	1.2205	0.500	3/8	UC203-11				
UCFL204	20	113	90	15	11	25.5	12	60	33.3	37.5	31	12.7	M10	UC204	FL204	0.40		
UCFL204-12	3/4	4.71/16	3.35/64	19/32	7/16	1	15/32	2-3/8	1.5/16	1.31/64	1.2205	0.500	3/8	UC204-12				
UCFL205	25	130	99	16	13	27	16	68	35.8	40	34.1	14.3	M14	UC205	FL205	0.60		
UCFL205-13	13/16													UC205-13				
UCFL205-14	7/8	5-1/8	3-57/64	5/8	1/2	1-1/16	5/8	2-11/16	1-13/32	1-9/16	1.3425	0.583	1/2	UC205-14				
UCFL205-15	15/16													UC205-15				
UCFL205-16	1													UC205-16				
UCFL206	30	148	117	18	13	31	16	80	40.2	44.5	38.1	15.9	M14	UC206	FL206	0.850		
UCFL206-17	1-1/16													UC206-17				
UCFL206-18	1-1/8	5-13/16	4-39/64	45/64	1/2	1-7/32	5/8	3-5/32	1-19/32	1-3/4	1.5000	0.626	1/2	UC206-18				
UCFL206-19	1-3/16													UC206-19				
UCFL206-20	1-1/4													UC206-20				
UCFL207	35	161	130	19	14	34	16	90	44.4	48.5	42.9	17.5	M14	UC207	FL207	1.10		
UCFL207-20	1-1/4													UC207-20				
UCFL207-21	1-5/16	6-11/32	5-1/8	3/4	35/64	1-13/32	5/8	3-35/64	1-3/4	1-29/32	1.6890	0.689	1/2	UC207-21				
UCFL207-22	1-3/8													UC207-22				
UCFL207-23	1-7/16													UC207-23				
UCFL208	40	175	144	21	14	36	16	100	51.2	55.5	49.2	19	M14	UC208	FL208	1.40		
UCFL208-24	1-1/2													UC208-24				
UCFL208-25	1-9/16	6-7/8	5-43/64	53/64	35/64	1-13/32	5/8	3-15/16	2-1/64	2-3/16	1.9370	0.748	1/2	UC208-25				
UCFL209	45	188	148	22	15	38	19	108	52.2	56.5	49.2	19	M16	UC209			FL209	1.70
UCFL209-26	1-5/8													UC209-26				
UCFL209-27	1-11/16	7-13/32	5-53/64	55/64	19/32	1-1/2	3/4	4-1/4	2-1/16	2-7/32	1.9370	0.748	5/8	UC209-27				
UCFL209-28	1-3/4													UC209-28				
UCFL210	50	197	157	22	15	40	19	115	54.6	59.5	51.6	19	M16	UC210	FL210	2.10		
UCFL210-29	1-13/16													UC210-29				
UCFL210-30	1-7/8	7-3/4	6-3/16	55/64	19/32	1-37/64	3/4	4-17/32	2-5/32	2-11/32	2.0315	0.748	5/8	UC210-30				
UCFL210-31	1-15/16													UC210-31				
UCFL210-32	2													UC210-32				
UCFL211	55	224	184	25	18	43	19	130	58.4	63	55.6	22.2	M16	UC211	FL211	3.00		
UCFL211-32	2													UC211-32				
UCFL211-33	2-1/16	8-13/16	7-1/4	63/64	23/32	1-11/16	3/4	5-1/8	2-5/16	2-15/32	2.1890	0.874	5/8	UC211-33				
UCFL211-34	2-1/8													UC211-34				
UCFL211-35	2-3/16													UC211-35				
UCFL212	60	250	202	29	18	48	23	140	68.7	73.5	65.1	25.4	M20	UC212	FL212	3.70		
UCFL212-36	2-1/4													UC212-36				
UCFL212-37	2-5/16	9-27/32	7-61/64	1-9/64	23/32	1-7/8	29/32	5-1/2	2-23/32	2-57/64	2.5630	1.000	3/4	UC212-37				
UCFL212-38	2-3/8													UC212-38				
UCFL212-39	2-7/16													UC212-39				
UCFL213	65	258	210	30	22	50	23	155	69.7	74.5	65.1	25.4	M20	UC213	FL213	4.50		
UCFL213-40	2-1/2													UC213-40				
UCFL213-41	2-9/16	10-5/32	8-17/64	1-31/64	7/8	1-31/32	29/32	6-3/32	2-3/4	2-15/16	2.5630	1.000	3/4	UC213-41				
UCFL214	70	265	216	31	22	54	23	160	75.4		30.2	M20	UC214	FL214			5.10	
UCFL214-42	2-5/8																	UC214-42
UCFL214-43	2-11/16	10-7/16	8-1/2	1-7/32	7/8	2-1/8	29/32	6-5/16	2-31/32		2.9970	1.189	3/4		UC214-43			
UCFL214-44	2-3/4														UC214-44			
UCFL215	75	275	225	34	22	56	23	165	78.5		33.3	M20	UC215		FL215	5.30		
UCFL215-45	2-13/16													UC215-45				
UCFL215-46	2-7/8	10-13/16	8-55/64	1-11/32	7/8	2-7/32	29/32	6-1/2	3-3/32		3.0630	1.311	3/4	UC215-46				
UCFL215-47	2-15/16													UC215-47				
UCFL215-48	3													UC215-48				
UCFL216	80	290	233	34	22	58	25	180	83.3		33.3	M22	UC216	FL216	7.20			
UCFL216-49	3-1/16															UC216-49		
UCFL216-50	3-1/8	11-13/32	9-11/64	1-11/32	7/8	2-9/32	63/64	7-3/32	3-9/32		3.2520	1.311	7/8			UC216-50		
UCFL216-51	3-1/16															UC216-51		
UCFL217	85	305	248	36	24	63	25	190	87.6		34.1	M22	UC217			FL217	8.40	
UCFL217-52	3-1/4													UC217-52				
UCFL217-53	3-5/16	12	9.49/64	1.27/64	15/16	2-15/32	63/64	7-15/32	3-7/16		3.3740	1.343	7/8	UC217-53				
UCFL217-55	3-7/16													UC217-55				
UCFL218	90	320	265	40	24	68	25	205	96.3		39.7	M22	UC218	FL218	10.50			
UCFL218-56	3-1/2	12-19/32	10-7/16	1-37/64	15/16	2-11/16	63/64	8-1/16	3-25/32		3.7795	1.5630	7/8			UC218-56		

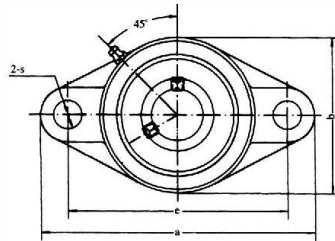
Flange Units(Oval)
(with adapter mounted)



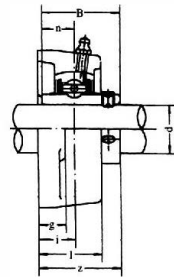
UKFL-C₁(D₁)

Unit No.	mm Dimensions in.											Bolt Size mm inch	Bearing No.	Housing No	Weight (kg)
	d	a	e	i	g	l	s	b	z	t	B ₁				
UKFL205,H2305	20	130	99	18	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	1-11/16	5/8	2-11/16	1-25/64	1-9/16	1.378	1/2	UK205,HE2305		
UKFL2306,H2306	25	148	117	18	13	31	16	80	39	44.5	38	M14	UK2306,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												UK208,HS2308		
UKFL209,H2309	40	188	148	22	15	38	19	108	48.5	56.5	50	M16	UK209,H2309	FL209	1.89
UKFL209,HA2309	1-7/16												UK209,HA2309		
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,HE2309		
UKFL209,HS2309	1-5/8												UK209,HS2309		
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,HS2310		
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,HA2310		
UKFL210,HE2310	1-3/4												UK210,HE2310		
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	1-69/64	23/32	1-7/8	29/32	5-1/2	2-13/32	2-67/64	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,HA2313	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,HA2313		
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,HS2317	3								3				UK217,HS2317		
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		3.388	7/8	UK218,HA2318		

UCFL3

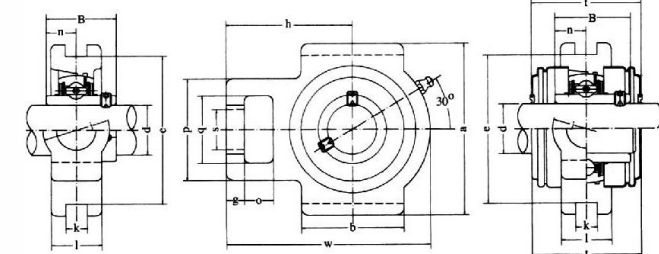


Flange Units(Oval)



Unit No.	Dimensions											Bolt Size mm inch	Bearing No.	Housing No	Weight (kg)				
	d	a	e	i	q	l	S	b	z	B	n								
UCFL305	25	150	113	16	13	29	19	80	39	38	15	M16	UCFL305	FL305	1.1				
UCFL305-13	13/16												UCFL305-13						
UCFL305-14	7/8	5-29/32	4-7/16	5/8	1/2	1-5/32	3/4	5-3/32	1-17/32	1.4961	0.591	5/8	UCFL305-14						
UCFL305-15	15/16												UCFL305-15						
UCFL305-16	1												UCFL305-16						
UCFL306	30	180	134	18	15	32	23	90	44	43	17	M20	UCFL306	FL306	1.5				
UCFL306-17	1-1/8												UCFL306-17						
UCFL306-18	1-1/8	7-3/32	5-9/32	45/64	19/32	1-1/4	29/32	3-17/32	1-47/64	1.6929	0.669	3/4	UCFL306-18						
UCFL306-19	1-3/8												UCFL306-19						
UCFL307	35	185	141	20	16	36	23	100	49	48	19	M20	UCFL307			FL307	1.9		
UCFL307-20	1-1/4												UCFL307-20						
UCFL307-21	1-5/16	7-9/32	5-35/64	25/32	5/8	1-13/32	29/32	3-15/16	1-59/64	1.8898	0.748	3/4	UCFL307-21						
UCFL307-22	1-3/8												UCFL307-22						
UCFL307-23	1-7/16												UCFL307-23						
UCFL308	40	200	158	23	17	40	23	112	56	52	19	M20	UCFL308	FL308	2.5				
UCFL308-24	1-1/2	7-7/8	5-7/32	29/32	21/32	1-9/16	29/32	4-13/32	1-13/64	2.0472	0.748	3/4	UCFL308-24						
UCFL308-25	1-9/16												UCFL308-25						
UCFL309	45	230	177	25	18	44	25	125	60	57	22	M22	UCFL309			FL309	3.4		
UCFL309-26	1-5/8	9-1/16	6-31/32	63/64	23/32	1-23/32	63/64	4-29/32	2-23/64	2.2441	0.866	7/8	UCFL309-26						
UCFL309-27	1-11/16												UCFL309-27						
UCFL309-28	1-3/4												UCFL309-28						
UCFL310	50	240	187	28	19	48	25	140	67	61	22	M22	UCFL310	FL310	4.4				
UCFL310-29	1-13/16	7-7/8	7-7/16	1-7/64	3/4	1-7/8	63/64	5-1/2	2-41/64	2.4016	0.866	7/8	UCFL310-29						
UCFL310-30	1-7/8	7-7/16	7-23/64	1-7/64	3/4	1-7/8	63/64	5-1/2	2-41/64	2.4016	0.866	7/8	UCFL310-30						
UCFL310-31	1-15/16												UCFL310-31						
UCFL311	55	250	198	30	20	52	25	150	71	66	25	M22	UCFL311			FL311	5.1		
UCFL311-32	2												UCFL311-32						
UCFL311-33	2-1/8	9-27/32	7-51/64	1-3/16	25/32	2-1/16	63/64	5-29/32	2-51/64	2.5984	0.984	7/8	UCFL311-33						
UCFL311-34	2-1/8												UCFL311-34						
UCFL311-35	2-3/16												UCFL311-35						
UCFL312	60	270	212	33	22	56	31	160	78	71	26	M27	UCFL312	FL312	6.1				
UCFL312-36	2-1/4												UCFL312-36						
UCFL312-37	2-5/16	10-5/8	8-11/32	1-19/64	7/8	2-7/32	1-7/32	6-5/64	3-5/64	2.9753	1.024	1	UCFL312-37						
UCFL312-38	2-3/8												UCFL312-38						
UCFL312-39	2-7/16												UCFL312-39						
UCFL313	65	295	240	33	25	58	31	175	78	75	30	M27	UCFL313	FL313	7.8				
UCFL313-40	2-1/2	11-5/8	9-29/64	1-19/64	31/32	2-9/32	1-7/32	6-7/8	3-5/64	2.9528	1.181	1	UCFL313-40						
UCFL313-41	2-1/8												UCFL313-41						
UCFL313-42	2-1/2	70	315	250	36	28	61	35	185	81	78	33	M20			UCFL313-42			
UCFL313-43	2-5/8	12-13/32	9-27/32	1-27/64	1-3/32	2-13/32	1-3/8	7-9/32	3-3/16	3.0708	1.299	1-1/8	UCFL313-43						
UCFL313-44	2-11/16												UCFL313-44						
UCFL313-45	2-1/4												UCFL313-45						
UCFL315	75	320	260	39	30	66	35	195	89	82	32	M30	UCFL315	FL315	10				
UCFL315-45	2-13/16												UCFL315-45						
UCFL315-46	2-7/8	12-19/32	10-15/64	1-17/32	1-3/16	2-19/32	1-3/8	7-11/16	3-1/2	3.2283	1.260	1-1/8	UCFL315-46						
UCFL315-47	2-15/16												UCFL315-47						
UCFL315-48	3												UCFL315-48						
UCFL316	80	355	285	38	32	68	38	210	90	86	34	M33	UCFL316	FL316	13				
UCFL316-49	3-1/16												UCFL316-49						
UCFL316-50	3-1/8	13-31/32	11-7/32	1-1/2	1-1/4	2-11/16	1-1/2	8-9/32	3-35/64	3.3858	1.339	1-1/4	UCFL316-50						
UCFL316-51	3-3/16												UCFL316-51						
UCFL317	85	370	300	44	32	74	38	220	100	96	40	M33	UCFL317			FL317	15		
UCFL317-52	3-1/4	14-9/16	11-13/14	1-47/64	1-1/4	2-29/32	1-1/2	8-21/32	3-15/16	3.7795	1.575	1-1/4	UCFL317-52						
UCFL317-53	3-1/4												UCFL317-53						
UCFL317-55	3-7/16												UCFL317-55						
UCFL318	90	385	315	44	36	76	38	235	100	96	40	M33	UCFL318	FL318	18				
UCFL318-55	3-7/16	15-5/32	12-13/32	1-47/64	1-13/32	3	1-1/2	9-1/4	3-15/16	3.7795	1.575	1-1/4	UCFL318-55						
UCFL318-56	3-1/2												UCFL318-56						
UCFL319	95	405	330	59	40	94	41	250	121	103	41	M36	UCFL319			FL319	22		
UCFL319-58	3-5/8												UCFL319-58						
UCFL319-59	3-11/16	15-15/16	12-63/64	2-21/64	1-9/16	3-11/16	1-39/64	8-27/32	4-49/64	4.0551	1.614	1-3/8	UCFL319-59						
UCFL319-60	3-3/4												UCFL319-60						
UCFL320	100	440	360	59	40	94	44	270	125	108	42	M39	UCFL320	FL320	27				
UCFL320-64	4	15-5/16	12-5/8	2-29/64	1-9/16	3-11/16	1-47/64	10-29/32	4-251/64	4.2860	1.610	1-1/2	UCFL320-64						
UCFL322	110	470	390	60	42	96	44	300	131	117	44	M39	UCFL322			FL322	33		
	12	18-1/2	15-29/64	2-21/64	1-31/32	1-47/64	1-11/32	11-13/16	5-5/32	4.6953	1.610	1-1/2							
UCFL324	120	520	430	65	48	110	47	330	140	126	51	M42	UCFL324					FL324	48
	13	20-15/32	16-59/64	2-9/16	1-7/8	1-11/32	13	5-1/2	4-96/64	2.0079									
UCFL326	130	550	460	65	50	115	47	360	146	135	54	M42	UCFL326	FL326	58				
	14	21-21/32	18-7/64	2-9/16	1-31/32	1-47/64	1-17/32	14-9/16	5-3/4	5.3330	2.260								
UCFL328	140	600	500	75	60	125	51	400	161	145	59	M45	UCFL328			FL328	81		
	23-5/8	19-11/16	16-21/64	2-5/8	2-29/32	2	15-3/4	6-11/32	5.7086	2.3228									

Take-up Units

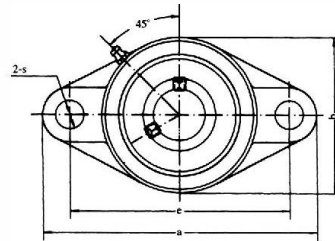


UCT-C₁(D₁)

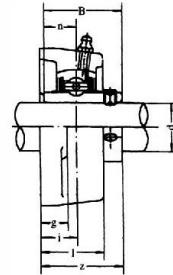
UCT 2

Unit No.	Dimensions																mm inch		Bearing No.	Housing No	Weight (kg)
	d	O	g	P	q	S	b	k	e	a	w	r	t	h	t	B					
UCT201	12	16	10	51	32	19	51	12	76	89	94	32	21	61	44.5	31	12.7				
UCT201-8	1/2	5/8	25/64	1-1/64	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	1-3/4	1.2205	0.500				
UCT202	15	16	10	51	32	19	51	12	76	89	94	32	21	61	44.5	31	12.7				
UCT202-9	9/16	5/8	25/64	1-1/64	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	1-3/4	1.2205	0.500				
UCT202-10	15	16	10	51	32	19	51	12	76	89	94	32	21	61	44.5	31	12.7				
UCT203	17	18	10	51	32	19	51	12	76	89	94	32	21	61	44.5	31	12.7				
UCT203-11	11/16	5/8	25/64	1-1/64	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	1-3/4	1.2205	0.500				
UCT204	20	16	10	51	32	19	51	12	76	89	94	32	21	61	44.5	31	12.7				
UCT204-12	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	3-11/16	1-1/4	13/16	2-13/32	1-3/4	1.2205	0.500				
UCT205	25	16	10	51	32	19	51	12	76	89	97	32	24	62	48	34.1	14.3				
UCT205-13	13/16	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	1.3425	0.563				
UCT205-14	7/8	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	1.3425	0.563				
UCT205-15	15/16	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	1.3425	0.563				
UCT205-16	30	16	10	56	37	22	57	12	89	102	113	37	28	70	53	38.1	15.9				
UCT206	1-1/16	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	1-29/64	1-3/32	2-3/4	2-3/32	1.5000	0.626				
UCT206-17	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	1-29/64	1-3/32	2-3/4	2-3/32	1.5000	0.626				
UCT206-18	1-3/16	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	1-29/64	1-3/32	2-3/4	2-3/32	1.5000	0.626				
UCT206-19	1-1/4	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	1-29/64	1-3/32	2-3/4	2-3/32	1.5000	0.626				
UCT206-20	35	16	13	64	37	22	64	12	89	102	129	37	30	78	59.5	42.9	17.5				
UCT207	1-1/4	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	2-11/32	1.6890	0.689				
UCT207-20	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	2-11/32	1.6890	0.689				
UCT207-21	1-3/16	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	2-11/32	1.6890	0.689				
UCT207-22	1-7/8	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	2-11/32	1.6890	0.689				
UCT207-23	1-3/16	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	2-11/32	1.6890	0.689				
UCT208	40	19	16	83	49	29	83	16	102	114	144	49	33	89	69	49.2	19				
UCT208-24	1-1/2	3/4	5/8	3-17/16	1-15/16	1-9/64	3-17/64	5/8	4-1/64	5-33/64	1-15/16	1-5/16	3-1/2	2-23/32	1-9/32	0.748					
UCT208-25	1-9/16	3/4	5/8	3-17/16	1-15/16	1-9/64	3-17/64	5/8	4-1/64	5-33/64	1-15/16	1-5/16	3-1/2	2-23/32	1-9/32	0.748					
UCT209	45	19	16	83	49	29	83	16	102	117	144	49	35	87	69	49.2	19				
UCT209-26	1-5/8	3/4	5/8	3-17/16	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	1.9370	0.748				
UCT209-27	1-1/16	3/4	5/8	3-17/16	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	1.9370	0.748				
UCT209-28	1-3/4	3/4	5/8	3-17/16	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	1.9370	0.748				
UCT210	50	19	16	83	49	29	86	16	102	117	149	49	37	90	74.5	51.6	19				
UCT210-29	1-13/16	3/4	5/8	3-17/16	1-15/16	1-9/64	3-17/64	5/8	4-1/64	4-39/64	5-55/64	1-15/16	1-5/32	3-35/64	2-15/16	2.0315	0.748				
UCT210-30	1-7/8	3/4	5/8	3-17/16	1-15/16	1-9/64	3-17/64	5/8	4-1/64	4-39/64	5-55/64	1-15/16	1-5/32	3-35/64	2-15/16	2.0315	0.748				
UCT210-31	1-15/16	3/4	5/8	3-17/16	1-15/16	1-9/64	3-17/64	5/8	4-1/64	4-39/64	5-55/64	1-15/16	1-5/32	3-35/64	2-15/16	2.0315	0.748				
UCT210-32	55	25	19	102	64	35	95	22	130	146	171	64	38	106	76	55.6	22.2				
UCT211	2	2-1/16	63/64	3/4	4-1/64	2-1/32	1-3/8	3-3/4	55/64	5/16	5-3/4	6-7/8	2-33/64	1-1/2	4-11/64	3	2.1890	0.874			
UCT211-33	2-1/8	2-1/8	63/64	3/4	4-1/64	2-1/32	1-3/8	3-3/4	55/64	5/16	5-3/4	6-7/8	2-33/64	1-1/2	4-11/64	3	2.1890	0.874			
UCT211-34	2-1/8	2-1/8	63/64	3/4	4-1/64	2-1/32	1-3/8	3-3/4	55/64	5/16	5-3/4	6-7/8	2-33/64	1-1/2	4-11/64	3	2.1890	0.874			
UCT211-35	2-3/16	2-3/16	63/64	3/4	4-1/64	2-1/32	1-3/8	3-3/4	55/64	5/16	5-3/4	6-7/8	2-33/64	1-1/2	4-11/64	3	2.1890	0.874			
UCT212	60	32	19	102	64	35	102	22	130	146	194	64	42	119	89	65.1	25.4				
UCT212-36	2-1/4	3/2	1-7/16	3/4	4-1/64	2-1/32	1-3/8	4-1/64	55/64	5/16	5-3/4	7-1/64	2-33/64	1-21/32	1-11/16	3-1/2	2.5630	1.000			
UCT212-37	2-5/16	2-3/8	1-7/16	3/4	4-1/64	2-1/32	1-3/8	4-1/64	55/64	5/16	5-3/4	7-1/64	2-33/64	1-21/32	1-11/16	3-1/2	2.5630	1.000			
UCT212-38	2-3/8	2-3/8	1-7/16	3/4	4-1/64	2-1/32	1-3/8	4-1/64	55/64	5/16	5-3/4	7-1/64	2-33/64	1-21/32	1-11/16	3-1/2	2.5630	1.000			
UCT212-39	2-7/16	2-7/16	1-7/16	3/4	4-1/64	2-1/32	1-3/8	4-1/64	55/64	5/16	5-3/4	7-1/64	2-33/64	1-21/32	1-11/16	3-1/2	2.5630	1.000			
UCT213	65	32	21	111	70	41	121	26	151	167	224	70	44	137	89	65.1	25.4				
UCT213-40	2-1/2	1-7/16	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	2-23/32	5-25/64	3-1/2	2.5630	1.000				
UCT213-41	2-9/16	1-7/16	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	2-23/32	5-25/64	3-1/2	2.5630	1.000				
UCT214	70	32	21	111	70	41	121	26	151	167	224	70	46	137	74.6	30.2					
UCT214-42	2-5/8	1-7/16	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	2.970	1.189					
UCT214-43	2-11/16	1-7/16	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	2.970	1.189					
UCT214-44	2-3/4	1-7/16	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	2.970	1.189					
UCT215	75	32	21	111	70	41	121	26	165	184	235	70	48	140	77.7	33.3					
UCT215-45	2-13/16	1-7/16	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	3.0630	1.311					
UCT215-46	2-7/8	1-7/16	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	3.0630	1.311					
UCT215-47	3-1/8	1-7/16	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	3.0630	1.311					
UCT215-48	3-1/8	1-7/16	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	3.0630	1.311					
UCT216	80	32	21	111	70	41	121	26	165	184	235	70	51	140	82.6	33.3					
UCT216-49	3-1/16	1-7/16	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	3.2520	1.311					
UCT216-50	3-1/8	1-7/16	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	3.2520	1.311					
UCT216-51	3-3/16	1-7/16	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	3.2520	1.311					
UCT217	85	38	29	124	73	48	157	30	173	198	260	73	54	162	85.7	34.1					
UCT217-52	3-1/4	1-1/2	1-9/64	4-7/8	2-7/8	1-57/64	6-3/8	1-3/16	6-13/16	7-51/64	10-15/64	2-7/8	2-1/8	6-3/8	3.3740	1.343					
UCT217-53	3-5/16	1-1/2	1-9/64	4-7/8	2-7/8	1-57/64	6-3/8	1-3/16	6-13/16	7-51/64	10-15/64	2-7/8	2-1/8	6-3/8	3.3740	1.343					
UCT217-55	3-7/16	1-1/2	1-9/64	4-7/8	2-7/8	1-57/64	6-3/8	1-3/16	6-13/16	7-51/64	10-15/64	2-7/8	2-1/8	6-3/8	3.3740	1.343					
UCT217-56	3-7/16	1-1/2	1-9/64	4-7/8	2-7/8	1-57/64	6-3/8	1-3/16	6-13/16	7-51/64	10-15/64	2-7/8	2-1/8	6-3/8	3.3740	1.343					

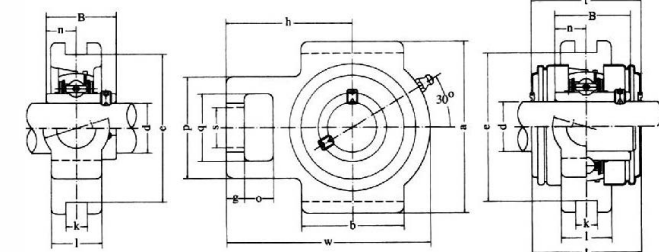
UCFL3



Flange Units(Oval)



Take-up Units



UCT 2

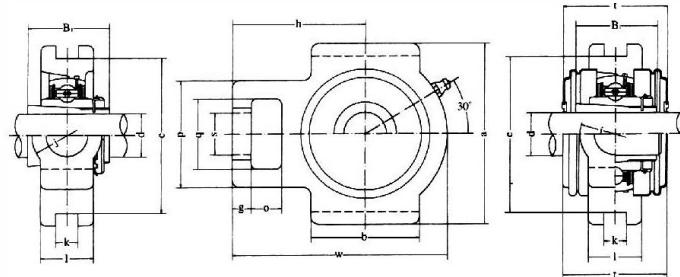
UCT-C₁(D₁)

Unit No.	Dimensions mm											Bolt Size	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	q	r	s	b	z	B	n				
UCFL305	25	150	113	16	13	19	19	80	39	38	15	M16	UCFL305	FL305	1.1
UCFL305-13	13/16												UCFL305-13		
UCFL305-14	7/8	5-29/32	4-7/16	5/8	1/2	1-5/32	3/4	3-5/32	1-17/32	1.4961	0.591	5/8	UCFL305-14		
UCFL305-15	15/16												UCFL305-15		
UCFL305-16	1												UCFL305-16		
UCFL306	30	180	134	18	15	32	23	90	44	43	17	M20	UCFL306	FL306	1.5
UCFL306-17	1-1/8												UCFL306-17		
UCFL306-18	1-1/8	7-3/32	5-9/32	49/64	19/32	1-1/4	29/32	3-17/32	1-47/64	1.6929	0.669	3/4	UCFL306-18		
UCFL306-19	1-3/8												UCFL306-19		
UCFL307	35	185	141	20	16	36	23	100	49	48	19	M20	UCFL307	FL307	1.9
UCFL307-20	1-1/4												UCFL307-20		
UCFL307-21	1-5/16												UCFL307-21		
UCFL307-22	1-3/8	7-9/32	5-35/64	25/32	9/8	1-13/32	29/32	3-15/16	1-59/64	1.8898	0.748	3/4	UCFL307-22		
UCFL307-23	1-7/16												UCFL307-23		
UCFL308	40	200	158	23	17	40	23	112	56	52	19	M20	UCFL308	FL308	2.5
UCFL308-24	1-1/2												UCFL308-24		
UCFL308-25	1-9/16	7-7/8	5-7/32	29/32	21/32	1-9/16	29/32	4-13/32	1-13/64	2.0472	0.748	3/4	UCFL308-25		
UCFL309	45	230	177	25	18	44	25	125	60	57	22	M22	UCFL309	FL309	3.4
UCFL309-26	1-5/8												UCFL309-26		
UCFL309-27	1-11/16	9-1/16	6-31/32	63/64	23/32	1-23/32	63/64	4-29/32	2-23/64	2.2441	0.866	7/8	UCFL309-27		
UCFL309-28	1-3/4												UCFL309-28		
UCFL310	50	240	187	28	19	48	25	140	67	61	22	M22	UCFL310	FL310	4.4
UCFL310-29	1-13/16												UCFL310-29		
UCFL310-30	1-7/8	9-7/16	7-23/64	1-7/64	3/4	1-7/8	83/64	5-1/2	2-41/64	2.4016	0.866	7/8	UCFL310-30		
UCFL310-31	1-15/16												UCFL310-31		
UCFL311	55	250	198	30	20	52	25	150	71	66	25	M22	UCFL311	FL311	5.1
UCFL311-32	2												UCFL311-32		
UCFL311-33	2-1/16	9-27/32	7-51/64	1-3/16	25/32	2-1/16	63/64	5-29/32	2-51/64	2.5984	0.984	7/8	UCFL311-33		
UCFL311-34	2-1/8												UCFL311-34		
UCFL311-35	2-3/16												UCFL311-35		
UCFL312	60	270	212	33	22	56	31	160	78	71	26	M27	UCFL312	FL312	6.1
UCFL312-36	2-1/4												UCFL312-36		
UCFL312-37	2-5/16	10-5/8	8-11/32	1-19/64	7/8	2-7/32	1-7/32	6-5/64	3-5/64	2.9753	1.024	1	UCFL312-37		
UCFL312-38	2-3/8												UCFL312-38		
UCFL312-39	2-7/16												UCFL312-39		
UCFL313	65	295	240	33	25	58	31	175	78	75	30	M27	UCFL313	FL313	7.8
UCFL313-40	2-1/2	11-5/8	9-29/64	1-19/64	31/32	2-9/32	1-7/32	6-7/8	3-5/64	2.9528	1.181	1	UCFL313-40		
UCFL313-41	2-9/16												UCFL313-41		
UCFL314	70	315	250	36	28	61	35	185	81	78	33	M20	UCFL314	FL314	9.0
UCFL314-42	2-5/8												UCFL314-42		
UCFL314-43	2-11/16	12-13/32	9-27/32	1-27/64	1-3/32	2-13/32	1-3/8	7-9/32	3-3/16	3.0708	1.299	1-1/8	UCFL314-43		
UCFL314-44	2-3/4												UCFL314-44		
UCFL315	75	320	260	39	30	66	35	195	89	82	32	M30	UCFL315	FL315	10
UCFL315-45	2-13/16												UCFL315-45		
UCFL315-46	2-7/8	12-19/32	10-15/64	1-17/32	1-3/16	2-19/32	1-3/8	7-11/16	3-1/2	3.2283	1.260	1-1/8	UCFL315-46		
UCFL315-47	2-15/16												UCFL315-47		
UCFL315-48	3												UCFL315-48		
UCFL316	80	355	285	38	32	68	38	210	90	86	34	M33	UCFL316	FL316	13
UCFL316-49	3-1/16												UCFL316-49		
UCFL316-50	3-1/8	13-31/32	11-7/32	1-1/2	1-1/2	1-1/2	1-1/2	8-9/32	3-35/64	3.3858	1.339	1-1/4	UCFL316-50		
UCFL316-51	3-1/2												UCFL316-51		
UCFL317	85	370	300	44	32	74	38	220	100	96	40	M33	UCFL317	FL317	15
UCFL317-52	3-1/4												UCFL317-52		
UCFL317-53	3-5/16	14-9/16	11-13/14	1-47/64	1-1/4	2-29/32	1-1/2	8-21/32	3-15/16	3.7795	1.575	1-1/4	UCFL317-53		
UCFL317-55	3-7/16												UCFL317-55		
UCFL318	90	385	315	44	36	76	38	235	100	96	40	M33	UCFL318	FL318	18
UCFL318-55	3-7/16	15-5/32	12-13/32	1-47/64	1-13/32	3	1-1/2	9-1/4	3-15/16	3.7795	1.575	1-1/4	UCFL318-55		
UCFL318-56	3-1/2												UCFL318-56		
UCFL319	95	405	330	59	40	94	41	250	121	103	41	M36	UCFL319	FL319	22
UCFL319-58	3-5/8												UCFL319-58		
UCFL319-59	3-11/16	15-15/16	12-63/64	2-1/64	1-9/16	3-11/16	1-39/64	9-27/32	4-49/64	4.0551	1.614	1-3/8	UCFL319-59		
UCFL319-60	3-3/4												UCFL319-60		
UCFL320	100	440	380	59	40	94	44	270	125	108	42	M39	UCFL320	FL320	27
UCFL320-64	4	15-5/8	12-1/2	2-29/64	1-9/16	3-11/16	1-1/2	10-9/8	4-23/32	4.2313	1.6535	1-1/2	UCFL320-64		
UCFL322	110	470	390	60	42	96	44	300	131	117	46	M39	UCFL322	FL322	33
UCFL324	120	520	430	65	48	110	47	330	140	126	51	M42	UCFL324	FL324	48
UCFL326	130	550	460	65	50	115	47	360	146	135	54	M42	UCFL326	FL326	58
UCFL328	140	600	500	75	60	125	51	400	161	145	59	M45	UCFL328	FL328	81

Unit No.	Dimensions mm inch																	Bearing No.	Housing No.	Weight (kg)		
	d	O	q	P	q	S	b	k	e	a	w	l	h	t	B	n						
UCT201	12	16	10	51	32	19	51	12	76	89	94	32	21	61	44.5	31	12.7	UC201	T204	0.78		
UCT201-8	1/2	5/8	25/64	1-1/64	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	1-3/4	1.2205	0.500	UC201-8				
UCT202	15	16	10	51	32	19	51	12	76	89	94	32	21	61	44.5	31	12.7	UC202	T204	0.78		
UCT202-9	9/16		5/8	25/64	1-1/64	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	1-3/4	1.2205	0.500			UC202-9	
UCT202-10	5/8																	UC202-10				
UCT203	17	16	10	51	32	19	51	12	76	89	94	32	21	61	44.5	31	12.7	UC203	T204	0.78		
UCT203-11	11/16	5/8	25/64	1-1/64	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	1-3/4	1.2205	0.500	UC203-11				
UCT204	20	16	10	51	32	19	51	12	76	89	94	32	21	61	44.5	31	12.7	UC204	T204	0.76		
UCT204-12	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	3-11/16	1-1/4	13/16	2-13/32	1-3/4	1.2205	0.500	UC204-12				
UCT205	25	16	10	51	32	19	51	12	76	89	97	32	24	62	48	34.1	14.3	UC205	T205	0.82		
UCT205-13	13/16																	UC205-13				
UCT205-14	7/8	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	1.3425	0.563	UC205-14				
UCT205-15	15/16																	UC205-15				
UCT205-16	1																	UC205-16				
UCT206	30	16	10	56	37	22	57	12	89	102	113	37	28	70	53	38.1	15.9	UC206	T206	1.22		
UCT206-17	1-1/16																	UC206-17				
UCT206-18	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	1-29/64	1-3/32	2-3/4	2-3/32	1.5000	0.626	UC206-18				
UCT206-19	1-3/16																	UC206-19				
UCT206-20	1-1/4																	UC206-20				
UCT207	35	16	13	64	37	22	64	12	89	102	129	37	30	78	59.5	42.9	17.5	UC207	T207	1.44		
UCT207-20	1-1/4																	UC207-20				
UCT207-21	15/16	5/8	33/64	2-33/64	1-29/64	55/64	2-33/64	15/32	3-1/2	4-1/64	4-29/64	1-3/16	3-5/64	2-11/32	1.6890	0.689		UC207-21				
UCT207-22	1-3/8																	UC207-22				
UCT207-23	1-7/16																	UC207-23				
UCT208	40	19	16	83	49	29	83	16	102	114	144	49	33	89	69	49.2	19	UC208	T208	2.40		
UCT208-24	1-1/2																	UC208-24				
UCT208-25	1-9/16	3/4	5/8	3-17/16	1-15/16	1-9/64	3-17/64	5/8	4-1/64	4-39/64	5-15/16	1-5/16	3-1/2	2-23/32	1.9370	0.748		UC208-25				
UCT209	45	19	16	83	49	29	83	16	102	117	144	49	35	87	69	49.2	19	UC209				
UCT209-26	1-5/8																	UC209-26				
UCT209-27	1-3/16	3/4	5/8	3-17/16	1-15/16	1-9/64	3-17/64	5/8	4-1/64	4-39/64	5-15/16	1-3/8	3-27/16	2-23/32	1.9370	0.748		UC209-27	T209	2.42		
UCT209-28	1-1/4																	UCT209-28				
UCT210	50	19	16	83	49	29	86	16	102	117	149	49	37	90	74.5	51.6	19	UC210	T210	2.46		
UCT210-29	1-13/16																	UC210-29				
UCT21030	1-7/8	3/4	5/8	3-17/16	1-15/16	1-9/64	3-17/64	5/8	4-1/64	4-39/64	5-55/64	1-15/16	1-5/32	3-35/64	2-15/16	2.0315	0.748	UC21030				
UCT210-31	1-7/8																	UCT210-31				
UCT210-32	2																	UCT210-32				
UCT211	55	25	19	102	64	35	95	22	130	146	171	64	38	106	76	55.6	32.2	UC211	T211	4.16		
UCT211-32	2																	UC211-32				
UCT211-33	2-1/16																	UC211-33				
UCT211-34	2-1/8	63/64	3/4	4-1/64	2-1/32	1-3/8	3-3/4	55/64	5-1/8	5-3/4	5-47/64	3-33/64	1-1/2	4-11/64	3	2.1890	0.874	UC211-34				
UCT211-35	2-3/16																	UC211-35				
UCT212	60	32	19	102	64	35	102	22	130	146	194	64	42	119	89	65.1	25.4	UC212	T212	4.98		
UCT212-36	2-1/4																	UC212-36				
UCT212-37	2-5/16																	UC212-37				
UCT212-38	2-3/8	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	7-1/64	3-33/64	1-21/32	4-11/16	3-1/2	2.5630	1.000	UC212-38				
UCT212-39	2-7/16																	UC212-39				
UCT213	65	32	21	111	70	41	121	26	151	167	224	70	44	137	89	65.1	25.4	UC213	T213	6.69		
UCT213-40	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	3-1/2	2.5630	1.000	UC213-40				
UCT213-41	2-9/16																	UC213-41				
UCT214	70	32	21	111	70	41	121	26	151	167	224	70	46	137		74.6	30.2	UC214				
UCT214-42	2-5/8																	UC214-42				
UCT214-43	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		29.70	1.189	UC214-43	T214	7.13		
UCT214-44	2-3/4																	UCT214-44				
UCT215	75	32	21	111	70	41	121	26	151	167	232	70	48	140		77.3	33.3	UC215	T215	7.47		
UCT215-45	2-13/16																	UC215-45				
UCT215-46	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	1-5/16	5-33/64		3.0630	1.311	UC215-46				
UCT215-47	2-15/16																	UC215-47				
UCT215-48	3																	UC215-48				
UCT216	80	32	21	111	70	41	121	26	165	184	235	70	51	140		82.6	33.3	UC216	T216	8.33		
UCT216-49	3-1/16																	UC216-49				
UCT216-50	3-1/8	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		3.2520	1.311	UC216-50				
UCT216-51	3-3/16																	UC216-51				
UCT217	85	38	29	124	73	48	157	30	173	198	260	73	54	162		85.7	34.1	UC217				
UCT217-52	3-1/4																	UC217-52				
UCT217-53	3-7/16	1-1/2	1-9/64	4-7/8	2-7/8	1-57/64	6-3/8	1-3/16	6-33/16	7-51/64	10-15/64	2-7/8	2-1/8	6-3/8		3.3740	1.343	UC217-53	T217	11.02		
UCT217-55	3-5/8																	UCT217-55				

UKT2

Take-up Units
(with adapter mounted)

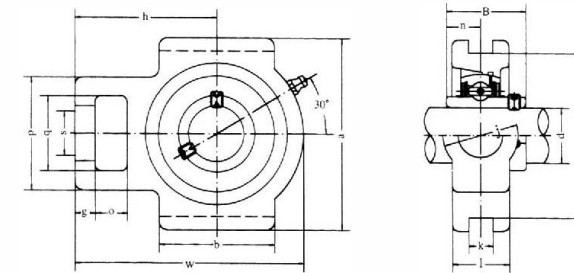


UKT-C-(D.)

Unit No.	mm Dimensions in																	Bearing No.	Housing No.	Weight (kg)
	d	a	g	p	q	s	b	k	e	a	w	j	l	h	t	B ₁				
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	UKZ206.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	1.496	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	5-5/65	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			

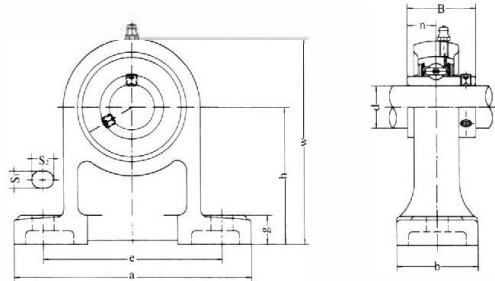
Take-up Units

UCT3



Unit No.	mm Dimensions in.																	Bearing No.	Housing No.	Weight (kg)						
	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q									
UCT305	25	16	14	62	36	26	65	12	80	89	122	36	26	76	38	15		UC305	T305	1.4						
UCT305-13	13/16																	UC305-13								
UCT305-14	7/8																	UC305-14								
UCT305-15	15/16	5/8	9/16	2-7/16	1-13/32	1-1/32	2-9/16	0.472	3-5/32	3-1/2	4-13/16	1-13/32	1-1/32	3	1.4961	0.591		UC305-15								
UCT305-16	1																	UC305-16								
UCT306	30	18	16	70	41	28	74	16	90	100	137	41	28	85	43	17		UC306	T306	1.8						
UCT306-17	1-1/16																	UC306-17								
UCT306-18	1-1/8	23/32	5/8	2-3/4	1-6/8	1-3/32	2-29/32	0.630	3-55/64	3-15/16	5-13/32	1-5/8	1-3/32	1-1/32	1.6929	0.669		UC306-18								
UCT306-19	1-3/16																	UC306-19								
UCT307	35	20	17	75	45	30	80	16	100	111	150	45	32	94	48	19		UC307			T307	2.4				
UCT307-20	1-1/4																	UC307-20								
UCT307-21	1-5/16																	UC307-21								
UCT307-22	1-3/8	25/32	43/64	2-15/16	1-25/32	1-3/16	2-5/32	0.630	3-15/16	4-3/8	5-29/32	1-25/32	1-1/4	3-11/16	1.8898	0.748		UC307-22								
UCT307-23	1-7/16																	UC307-23								
UCT308	40	22	19	83	50	32	89	16	112	124	162	50	34	100	52	19		UC308	T308	3.0						
UCT308-24	1-1/2																	UC308-24								
UCT308-25	1-9/16	7/8	3/4	3-17/64	1-31/32	1-1/4	3-1/2	0.709	4-13/32	4-7/8	6-3/8	1-21/32	1-11/32	15/16	2.0472	0.748		UC308-25								
UCT309	45	24	20	90	55	34	97	18	125	138	178	55	38	110	57	22		UC309			T309	4.0				
UCT309-26	1-5/8																	UC309-26								
UCT309-27	1-11/16	15/16	25/32	3-17/32	2-5/32	1-11/32	3-13/16	0.709	4-59/64	5-7/16	7	2-5/32	1-1/2	1-11/32	2.2441	0.866		UC309-27								
UCT309-28	1-3/4																	UC309-28								
UCT310	50	27	22	98	61	37	106	20	140	151	192	61	40	118	61	22		UC310	T310	5.0						
UCT310-29	1-13/16																	UC310-29								
UCT310-30	1-7/8	7/8	3-27/32	2-13/32	1-15/32	2-4/16	0.787	5-33/64	5-15/16	7-9/16	2-13/32	1-9/16	1-21/32	2-40/64	0.866			UC310-30								
UCT310-31	1-15/16																	UC310-31								
UCT311	55	29	23	105	66	39	115	22	150	163	207	66	44	127	68	25		UC311			T311	6.4				
UCT311-32	2																	UC311-32								
UCT311-33	2-1/16	1-15/16	29/32	4-1/8	2-19/32	1-17/32	4-17/32	0.866	5-29/32	6-13/32	8-5/32	2-19/32	1-23/32	5	2.5984	0.984		UC311-33								
UCT311-34	2-1/8																	UC311-34								
UCT311-35	2-3/16																	UC311-35								
UCT312	60	31	25	113	71	41	123	22	160	178	220	71	46	135	71	26		UC312	T312	7.6						
UCT312-36	2-1/4																	UC312-36								
UCT312-37	2-5/16	1-7/32	31/32	4-7/16	2-25/32	1-5/8	4-27/32	0.866	5-19/64	7	8-21/32	2-25/32	1-13/16	5-5/16	2.7953	1.024		UC312-37								
UCT312-38	2-3/8																	UC312-38								
UCT312-39	2-7/16																	UC312-39								
UCT313	65	32	27	116	70	43	134	26	170	190	238	80	50	146	75	30		UC313	T313	9.7						
UCT313-40	2-1/2																	UC313-40								
UCT313-41	2-9/16	1-17/64	1-1/16	4-9/16	2-3/4	1-11/16	5-9/32	1.024	5-11/16	7-15/32	9-3/8	3-5/32	1-31/32	5-3/4	2.9528	1.181		UC313-41								
UCT314	70	36	27	130	85	46	140	26	180	202	252	90	52	155	78	33		UC314			T314	11				
UCT314-42	2-6/8																	UC314-42								
UCT314-43	2-11/16	1-13/32	1-1/16	5-1/8	3-11/32	1-13/16	5-1/2	1.024	7-3/32	7-15/16	9-29/32	3-17/32	2-1/16	6-3/32	3.2283	1.299		UC314-43								
UCT314-44	2-3/4																	UC314-44								
UCT315	75	36	27	132	85	46	150	26	192	216	262	90	55	160	82	32		UC315	T315	14						
UCT315-45	2-13/16																	UC315-45								
UCT315-46	2-7/8	1-13/32	1-1/16	5-3/16	3-11/32	1-13/16	5-29/32	1.024	7-9/16	8-1/2	10-5/16	17/32	2-5/32	6-5/16	3.2283	1.260		UC315-46								
UCT315-47	2-45/64																	UC315-47								
UCT315-48	3																	UC315-48								
UCT316	80	42	30	150	98	53	160	30	204	230	282	102	60	174	86	34		UC316	T316	16						
UCT316-49	3-1/16																	UC316-49								
UCT316-50	3-1/8	1-21/32	1-3/16	5-29/32	3-27/32	2-3/32	6-5/16	1.181	8-1/32	9-1/16	11-3/32	4-1/32	2-3/8	6-27/32	8.2260	3.1260		UC316-50								
UCT316-51	3-9/16																	UC316-51								
UCT317	85	42	32	152	98	53	170	32	214	240	298	102	64	183	96	40		UC317			T317	20				
UCT317-52	3-1/4																	UC317-52								
UCT317-53	3-5/16	1-21/32	1-1/4	5-31/32	3-27/32	2-3/32	5-11/16	1.260	8-27/64	9-7/16	11-23/32	4-1/32	2-17/32	7-7/32	3.7795	1.575		UC317-53								
UCT317-55	3-7/16																	UC317-55								
UCT318	90	46	32	160	106	57	175	32	228	255	312	110	66	192	96	40		UC318	T318	22						
UCT318-55	3-7/16																	UC318-55								
UCT318-56	1-1/2	1-13/16	1-1/4	6-5/16	4-3/16	2-1/4	6-7/8	1.260	9-31/32	10-1/32	12-9/32	4-11/32	2-19/32	7-9/16	3.7795	1.575		UC318-56								
UCT319	95	46	33	165	106	57	180	35	240	270	322	110	72	197	103	41		UC319			T319	24				
UCT319-58	3-5/8																	UC319-58								
UCT319-59	3-11/16	1-13/16	1-5/16	6-1/2	4-3/8	2-1/4	7-3/32	1.378	9-29/64	10-5/8	12-11/16	4-11/32	2-27/32	7-7/32	4.0551	1.614		UC319-59								
UCT319-60	3-3/4																	UC319-60								
UCT320	100	48	32	175	115	59	200	35	260	290	345	120	75	210	108	42		UC320	T320	32						
UCT320-64	4	1-7/8	1-1/4	6-7/8	4-17/32	2-21/64	7-7/8	1.378	10-15/64	11-1/32	13-19/32	4-23/32	2-15/16	8-23/32	4.2519	1.6535		UC320-64								
UCT322	110	50	34	180	110	60	200	40	280	320	385	130	80	230	110	45		UC322			T322	40				
UCT324	120	55	36	190	115	62	210	45	300	340	410	140	85	250	120	50		UC324					T324	55		
UCT326	130	60	38	200	120	64	220	50	320	360	430	150	90	260	130	55		UC326							T326	69
UCT328	140	65	40	210	125	66	230	55	340	380	450	160	100	270	140	60		UC328	T328	84						
UCT330	150	70	42	220	130	68	240	60	360	400	470	170	110	280	150	65		UC330								

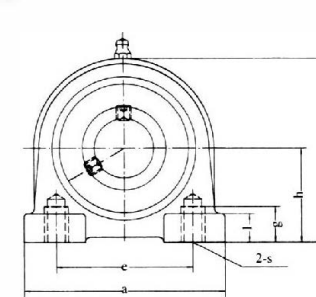
UCPH2



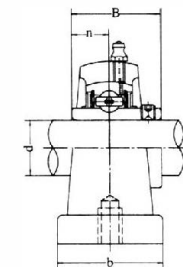
Pillow Blocks (with setscrews)

Unit No.	mm Dimensions in.											Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	s	q	l	w	B	n				
UCPH201	12	70	127	95	40	13	19	15	101	31	12.7	M10	UC201	PH204	0.80
UCPH201-8	1/2												UC201-8		
UCPH202	15												UC202		
UCPH202-9	9/16												UC202-9		
UCPH202-10	5/8	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	UC202-10		
UCPH203	17												UC203	PH205	1.074
UCPH203-11	11/16												UC203-11		
UCPH204	20												UC204		
UCPH204-12	3/4												UC204-12		
UCPH205	25	80	140	105	50	13	19	16	114	34.1	14.3	M10	UC205		
UCPH205-13	13/16												UC205-13	PH206	1.49
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		
UCPH205-15	15/16												UC205-15		
UCPH205-16	1												UC205-16		
UCPH206	30	90	161	121	50	17	21	17	130	38.1	15.9	M14	UC206		
UCPH206-17	1-1/16												UC206-17	PH207	1.94
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		
UCPH206-19	1-3/16												UC206-19		
UCPH206-20	1-1/4												UC206-20		
UCPH207	35	95	166	127	60	17	21	18	140	42.9	17.5	M14	UC207		
UCPH207-20	1-1/4												UC207-20	PH208	2.56
UCPH207-21	1-5/16	3-47/64	6-17/32	5	2-23/64	43/64	53/64	45/64	5-33/64	1.8890	0.689	1/2	UC207-21		
UCPH207-22	1-3/8												UC207-22		
UCPH207-23	1-7/16												UC207-23		
UCPH208	40	100	178	137	70	17	21	19	150	49.2	19	M14	UC208		
UCPH208-24	1-1/2												UC208-24	PH209	2.78
UCPH208-25	1-9/16	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	UC208-25		
UCPH209	45	105	189	146	70	17	21	20	158	49.2	19	M14	UC209		
UCPH209-26	1-5/8	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	UC209-26		
UCPH209-27	1-11/16												UC209-27	PH210	3.17
UCPH209-28	1-3/4												UC209-28		
UCPH210	50	110	205	159	70	20	23	21	165	51.6	19	M16	UC210		
UCPH210-29	1-13/16												UC210-29		
UCPH210-30	1-7/8	4-21/64	8-5/84	6-1/4	2-3/4	25/32	29/32	53/64	6-1/2	2.0315	0.748	5/8	UC210-30		
UCPH210-31	1-15/16												UC210-31	PH211	5.6
UCPH210-32	2												UC210-32		
UCPH211	55	120	219	171	75	20	23	22	181	55.6	22.2	M16	UC211		
UCPH211-32	2												UC211-32		
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		
UCPH211-34	2-1/8												UC211-34	PH212	6.39
UCPH211-35	2-3/16												UC211-35		
UCPH212	60	130	241	184	85	20	23	23	197	65.1	25.4	M16	UC212		
UCPH212-36	2-1/4												UC212-36		
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	PH213	7.54
UCPH212-38	2-3/8												UC212-38		
UCPH212-39	2-7/16												UC212-39		
UCPH213	65	140	265	203	95	25	28	27	212	65.1	25.4	M20	UC213		
UCPH213-40	2-1/2												UC213-40	PH214	8.36
UCPH213-41	2-9/16	5-33/64	10-77/16	8	3-3/4	63/64	1-1/16	1-1/16	8-11/32	2.5630	1.000	3/4	UC213-41		
UCPH214	70	150	266	210	105	25	28	28	225	74.6	30.2	M20	UC214		
UCPH214-42	2-5/8												UC214-42		
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	PH215	9.64
UCPH214-44	2-3/4												UC214-44		
UCPH215	75	160	275	217	115	25	28	29	238	77.8	33.3	M20	UC215		
UCPH215-45	2-13/16												UC215-45		
UCPH215-46	2-7/8												UC215-46	PH216	10.85
UCPH215-47	2-15/16	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	UC215-47		
UCPH215-48	3												UC215-48		
UCPH216	80	170	292	232	125	25	28	30	253	82.6	33.3	M20	UC216		
UCPH216-49	3-1/16												UC216-49		
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	PH216	10.85
UCPH216-51	3-3/16												UC216-51		

Pillow Blocks

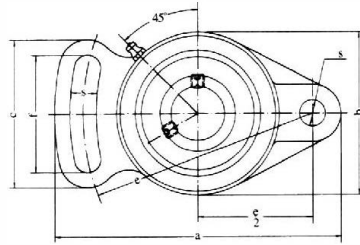


UCPA2

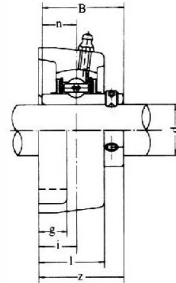


Unit No.	mm Dimensions in.											Bolt Size mm inch	Bearing No.	Housing No.	Weight (kg)			
	d	h	a	e	b	s	q	l	w	B	n							
UCPA201	12	30.2	76	52	40		15	11	62	31	12.7	M10	UC201	PA204	0.57			
UCPA201-8	1/2												UC201-8					
UCPA202	15												UC202					
UCPA202-9	9/16												UC202-9					
UCPA202-10	5/8	1-3/16	3	2-3/64	1-9/16	M10	19/32	7/16	2-17/16	1.2205	0.500		UC202-10					
UCPA203	17												UC203					
UCPA203-11	11/16											M10	UC203-11	PA205	0.84			
UCPA204	20												UC204					
UCPA204-12	3/4												UC204-12					
UCPA205	25	36.5	84	56	38		15	12	72	34.1	14.3	M10	UC205	PA205	0.84			
UCPA205-13	13/16												UC205-13					
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		UC205-14					
UCPA205-15	15/16												UC205-15					
UCPA205-16	1												UC205-16					
UCPA206	30	42.9	94	66	50		18	12	84	38.1	15.9		M14			UC206	PA206	1.12
UCPA206-17	1-1/16											UC206-17						
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	UC206-18						
UCPA206-19	1-3/16											UC206-19						
UCPA206-20	1-1/4											UC206-20						
UCPA207	35	47.6	110	80	55		20	13	95	42.9	17.5	M14		UC207	PA207	1.51		
UCPA207-20	1-1/4												UC207-20					
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		UC207-21					
UCPA207-22	1-3/8												UC207-22					
UCPA207-23	1-7/16												UC207-23					
UCPA208	40	49.2	116	84	58		20	13	100	49.2	19		M14	UC208			PA208	1.90
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	UC208-24						
UCPA208-25	1-9/16											UC208-25						
UCPA209	45	54.2	120	90	60		25	13	108	49.2	19	M14		UC209	PA209	2.04		
UCPA209-26	1-5/8													UC209-26				
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			UC209-27				
UCPA209-28	1-3/4												UC209-28					
UCPA210	50	57.2	130	94	64		25	14	116	51.6	19	M16	UC210	PA210	2.23			
UCPA210-29	1-13/16												UC210-29					
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		UC210-30					
UCPA210-31	1-15/16												UC210-31					
UCPA210-32	2												UC210-32					
UCPA211	55	63.5	140	104	66		25	14	125	55.6	22.2		M16			UC211	PA211	3.35
UCPA211-32	2											UC211-32						
UCPA211-33	2-1/16	2-4/2	5-33/64	4-3/32	2-19/32	M16	63/64	35/64	4-59/64	2.1890	0.874	UC211-33						
UCPA211-34	2-1/8											UC211-34						
UCPA211-35	2-3/16											UC211-35						
UCPA212	60	69.9	150	114	68		25	15	138	65.1	25.4	M16		UC212	PA212	4.24		
UCPA212-36	2-1/4												UC212-36					
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		UC212-37					
UCPA212-38	2-3/8												UC212-38					
UCPA212-39	2-7/16												UC212-39					
UCPA213	65	76.2	160	124	70		25	15	150	65.1	25.4		M16	UC213			PA213	5.17
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	UC213-40						
UCPA213-41	2-9/16											UC213-41						

UCFA2

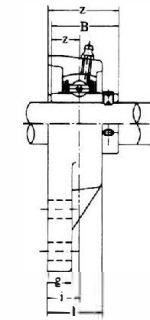
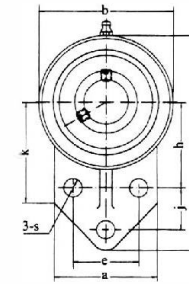


Flange Units



Unit No.	mm Dimensions in.													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	0.48
UCFA201-8	1/2														UC201-8		
UCFA202	15														UC202		
UCFA202-9	9/16														UC202-9		
UCGA202-10	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		
UCFA203	17														UC203		
UCFA203-11	11/16														UC20311	FA205	0.69
UCFA204	20														UC204		
UCFA204-12	3/4														UC204-12		
UCFA205	25	124	98	16	14	27	13	70	35.8	51	65	34.1	14.3	M10	UC205		
UCFA205-13	13/16														UC205-13	FA206	0.95
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		
UCFA205-15	15/16														UC205-15		
UCFA205-16	1														UC205-16		
UCFA206	30	141	115	18	14	31	13	83	40.2	58	72	38.1	15.9	M10	UC206	FA206	0.95
UCFA206-17	1-1/16														UC206-17		
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		
UCFA206-19	1-3/16														UC206-19		
UCFA206-20	1-1/4														UC206-20	FA207	1.46
UCFA207	35	155	128	19	16	34	15	96	44.4	66	82	42.9	17.5	M12	UC207		
UCGA207-20	1-1/4														UC207-20		
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		
UCGA207-22	1-3/8														UC207-22		
UCFA207-23	1-7/16														UC207-23		
UCFA208	40	171	142	21	16	38	15	105	51.2	71	87	49.2	19	M12	UC208	FA208	1.78
UCGA208-24	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		
UCFA208-25	1-9/16														UC208-25	FA209	2.05
UCFA209	45	179	146	22	18	40	17	111	52.2	72	90	49.2	19	M14	UC209		
UCGA209-26	1-5/8														UC209-26		
UCGA209-27	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		
UCGA209-28	1-3/4														UC209-28		
UCFA210	50	189	155	22	18	40	17	116	54.6	76	94	51.6	19	M14	UC210		
UCFA210-29	1-13/16														UC210-29	FA210	2.25
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		
UCFA210-31	1-15/16														UC210-31		
UCFA210-32	2														UC210-32		
UCFA211	55	216	182	25	20	44	17	133	58.4	86	104	55.6	22.2	M14	UC211	FA211	3.45
UCFA211-32	2														UC211-32		
UCFA211-33	2-1/16	6-1/2	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		
UCFA211-34	2-1/8														UC211-34		
UCFA211-35	2-3/16														UC211-35		
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														UC21236		
UCFA212-37	2-5/8	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		
UCFA212-38	2-3/8														UC21238		
UCFA212-39	2-7/16														UC212-39		
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		
UCFA213-41	2-9/16														UC213-41		

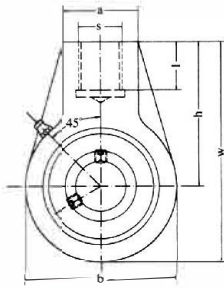
Flange Units



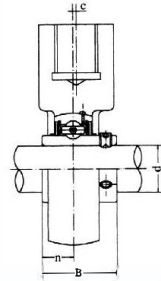
UCFB2

Unit No.	mm Dimensions 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	3.2	15	33.3	31	12.7	M8	UC201	FB204	0.55
UCFB201-8	1/2																UC201-8		
UCFB202	15																UC202		
UCFB202-9	9/16																UC202-9		
UCFB202-10	5/8	4-11/32	2-7/16	2-1/16	2-4/16	1	25/64	1/2	1-21/32	1-1/16	1-17/64	19/32	1-5/16	1.2205	0.500		UC202-10		
UCFB203	17																UC203		
UCFB203-11	11/16																UC203-11		
UCFB204	20																UC204		
UCFB204-12	3/4																UC204-12		
UCFB205	25	116	68	52	56	27	10	13	45	27	3.4	16	35.8	34.1	14.3	M8	UC205	FB205	0.82
UCFB205-13	13/16																UC205-13		
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		UC205-14		
UCFB205-15	15/16																UC205-15		
UCFB205-16	1																UC205-16		
UCFB206	30	130	78	55	65	31	10	13	50	29	4.0	18	40.2	38.1	15.9		M8		
UCFB206-17	1-1/16															UC206-17			
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	UC206-18			
UCFB206-19	1-3/16															UC206-19			
UCFB206-20	1-1/4															UC206-20			
UCFB207	35	144	90	62	70	34	10	15	55	32	4.6	19	44.4	42.9	17.5	M8		UC207	FB207
UCFB207-20	1-1/4																UC207-20		
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		UC207-21		
UCFB207-22	1-3/8																UC207-22		
UCFB207-23	1-7/16																UC207-23		
UCFB208	40	164	100	72	78	36	12	16	60	41	5.0	21	51.2	49.2	19	M10	UC208	FB208	1.79
UCFB208-24	1-1/2	5-15/32	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		UC208-24		
UCFB208-25	1-9/16																UC208-25		
UCFB209	45	174	106	76	80	38	12	18	65	43	5.4	22	52.2	49.2	19	M10	UC209	FB209	1.97
UCFB209-26	1-5/8																UC209-26		
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	0.746		UC209-27		
UCFB209-28	1-3/4															UC209-28			
UCFB210	50	184	112	82	86	40	12	18	68	46	5.8	22	54.6	51.6	19	M10	UC210	FB210	2.36
UCFB210-29	1-13/16																UC210-29		
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		UC210-30		
UCFB210-31	1-15/16																UC210-31		
UCFB210-32	2																UC210-32		
UCFB211	55	207	130	86	90	43	14	18	78	50	6.2	25	58.4	55.6	22.2	M12	UC211	FB211	3.20
UCFB211-32	2																UC211-32		
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		UC211-33		
UCFB211-34	2-1/8																UC211-34		
UCFB211-35	2-3/16																UC211-35		
UCFB212	60	223	140	90	94	48	14	18	84	55	6.6	29	68.7	65.1	25.4	M12	UC212	FB212	3.97
UCFB212-36	2-1/4																UC212-36		
UCFB212-37	2-5/16																UC212-37		
UCFB212-38	2-3/8	9-25/32	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		UC212-38		
UCFB212-39	2-7/16																UC212-39		
UCFB213	65	244	155	94	100	50	14	20	92	60	7.0	30	69.7	65.1	25.4	M12	UC213	FB213	5.21
UCFB213-40	2-1/2																UC213-40		
UCFB213-41	2-9/16	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		UC213-41		

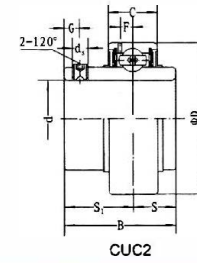
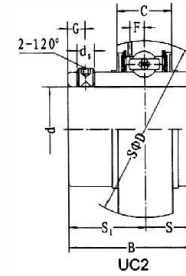
UCHA2



Screw Conveyor Hanger Units

[illegible]

Ball Bearings



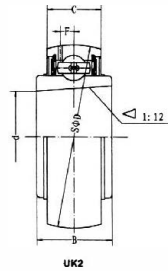
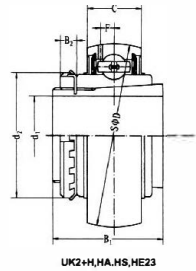
SL TYPE SEARCH

L3 TYPE SEA

Suttix UNF:Inch sized set screws

[illegible]

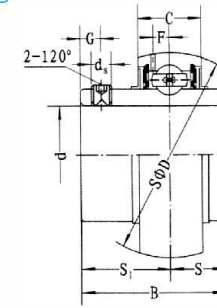
UK2



Ball Bearings
(with adapter mounted)



Ball Bearings



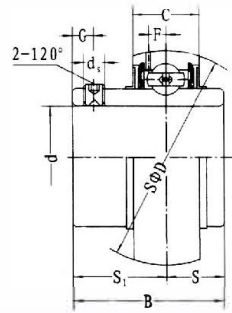
UCX

Suffix UNF: inch sized set screws

Unit No.	mm Dimensions in.									Dynamic load ratings N	static load ratings N	Weight (kg)
UK205;H2305	25	52	23	17	20	35	8	38	3.9	14000	7850	0.25
UK205;HE2305	0.9843	2.0472	0.9055	0.6693	3/4	1.378	0.315	1.496	0.154			
UK206;H2306	30	62	26	19	25	38	8	45	5.0	19500	11300	0.36
UK206;HE2306	1.1811	2.4409	1.0236	0.7480	11/16	0.315	1.772	0.197				
UK207;H2307	35	72	29	20	30	43	9	52	5.7	252700	15300	0.57
UK207;HE2307	1.3780	2.8346	1.1417	0.7874	1-1/8	1.693	0.354	2.047	0.224			
UK208;H2308	40	80	31	21	35	46	10	58	6.2	29500	18100	0.74
UK208;HE2308	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	31600	20600	0.83
UK209;HA2309	1.7717	3.3465	1.2205	0.8661	1-7/16	1.969	0.433	2.559	0.252			
UK209;HE2309					1-1/2							
UK210;H2310	50	90	32	24	45	55	12	70	6.5	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	43500	29200	1.26
UK211;HA2311					1-7/8							
UK211;HE2311	2.1654	3.9370	1.3780	0.9843	1-15/16	2.323	0.472	2.953	0.276			
UK212;H2312	60	110	38	27	55	62	13	80	7.6	47700	32900	1.59
UK212;HA2312	2.3622	4.3307	1.4961	1.0630	2-1/8	2.441	0.512	3.150	0.299			
UK213;H2313	65	120	40	28	60	65	14	85	8.5	57500	40000	1.76
UK213;HA2313					2-3/16							
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	66000	49500	2.32
UK215;HA2315					2-7/16							
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	71500	54200	3.06
UK216;HA2316					2-11/16							
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	83500	64000	3.88
UK217;HA2317					2-15/16							
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	96000	71500	4.74
UK218;HA2318	3.5433	6.2992	1.8504	1.4173	3-3/16	3.386	0.709	4.724	0.441			

Unit No.	mm Dimensions in.									Dynamic load ratings N	static load ratings N	Weight (kg)
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	0.8266	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	0.336	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

UC3



SL TYPE SEAL

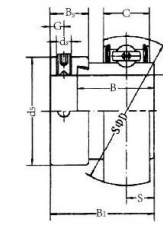


L3 TYPE SEAL

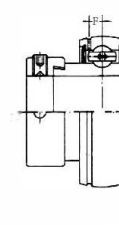
Ball Bearings

Unit No.	mm Dimensions in.										Dynamic load ratings N	static load ratings N	Weight (kg)
	d	D	B	C	d ₁	B ₁	B ₂	d ₂	F				
UC305	25	62	38	20	15	23	6	M6x1	5.4	22400	11500	0.36	
UC305-13	13/16												
UC305-14	7/8	2.4409	1.4961	0.7874	0.591	0.908	0.236	1/4-28UNF	0.213				
UC305-15	15/16												
UC306	30	72	43	23	17	26	6	M6x1	5.7	26700	11500	0.56	
UC306-17	1-1/16	2.8346	1.6929	0.9055	0.669	1.024	0.236	1/4-28UNF	0.225				
UC306-18	1-1/8												
UC306-19	1-3/16												
UC307	35	80	48	25	19	29	8	M8x1	6.2	33500	19100	0.68	
UC307-20	1-1/4												
UC307-21	1-5/16												
UC307-22	1-3/8	3.1496	1.8898	0.9843	0.748	1.142	0.315	5/16-24UNF	0.224				
UC307-23	1-7/16												
UC308	40	90	52	27	19	33	10	M10x1	7.0	40500	24000	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	1.35	
UC309-26	1-5/8												
UC309-27	1-11/16	3.9370	2.2441	1.1811	0.866	1.378	0.394	3/8-24UNF	0.307				
UC309-28	1-3/4												
UC310	50	110	61	32	22	39	12	M12x1.5	8.5	61800	37900	1.74	
UC310-29	1-13/16												
UC310-30	1-7/8	4.3307	2.4016	1.2598	0.866	1.535	0.472	1/2-20UNF	0.335				
UC310-31	1-15/16												
UC311	55	120	66	34	25	41	12	M12x1.5	9.2	71500	44700	2.12	
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	9.5	81700	51800	2.60	
UC312-36	2-1/4												
UC312-37	2-5/16	5.1181	2.7953	1.4173	1.0236	1.772	0.472	1/220UNF	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	3.24	
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	3.90	
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	180	82	42	32	50	14	M14x1.5	11.8	113000	77000	4.76	
UC315-45	2-13/16												
UC315-46	2-7/8												
UC315-47	2-15/16	6.2292	3.2283	1.6535	1.260	1.969	0.551	9/16-18UNF	0.465				
UC315-48	3												
UC316	80	170	86	44	34	52	14	M14x1.5	12.5	123000	86500	5.55	
UC316-49	3-1/16	6.6929	3.3858	1.7323	1.339	2.047	0.551	9/16-18UNF	0.492				
UC316-50	3-1/8												
UC316-51	3-3/16												
UC317	85	180	96	46	40	56	16	M16x1.5	13.1	132600	96500	6.67	
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	7.67	
UC318-55	3-7/16	7.4803	3.7795	1.8988	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	
UC319-58	3-5/8												
UC319-59	3-11/16	8.7840	4.0551	1.9885	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	11.0	
UC320-64	4	8.4646	4.2520	2.1260	1.6355	2.5894	0.7087	0.618					
	100	240	117	60	46	71	18	M18x1.5	17.7				
UC322	4	9.4488	4.6063	2.3622	1.8110	2.7953	0.7087	0.697		205000	179000	15.1	
UC324	120	260	126	64	51	75	18	M18x1.5	19	227000	207000	19.0	
	130	10.2362	4.9606	2.5197	2.0079	2.9528	0.7087	0.787					
	140	280	135	68	54	81	18	M18x1.5	20				
UC326	130	280	135	68	54	81	18	M18x1.5	20	253000	241000	23.4	
	140	300	145	72	59	86	18	M20x1.5	22				
	150	320	155	76	62	90	18	M20x1.5	22				
UC328	140	300	145	72	59	86	18	M20x1.5	22	274000	272000	29.4	

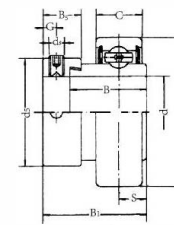
Ball Bearings (with eccentric locking collar)



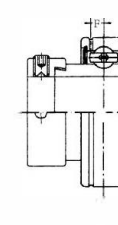
SA 2



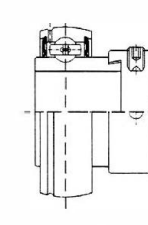
SA2G



CSA 2



CSA2G



SA2RG



J TYPE SEAL



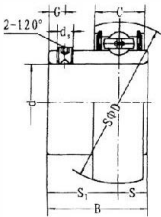
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SA2

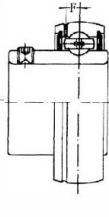
Suffix UNF: inch sized set screws

Unit No.	mm Dimensions in.										Dynamic load ratings N	static load ratings N	Weight (kg)
	d	D	B ₁	B	C	S	d _s	G	B _s	d _s			
SA201	12	40	28.6	19.1	12	6.5	M6X1	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	0.169	0.531	1.126			
SA202	15	40	28.6	19.1	12	6.5	M6X1	4.8	13.5	28.6	9600	4600	0.10
SA202-9 SA202-10	9/16 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	M6X1	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	M6X1	4.8	13.5	33.3	12800	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	M6X1	4.8	13.5	38.1	14000	7850	0.21
SA205-13	13/16												
SA205-14	7/8	2.0472	1.220	0.8465	0.5906	0.295	1/4-28UNF	0.189	0.531	1.500			
SA205-15	15/16												
SA205-16	1												
SA206	30	62	35.7	23.8	16	9	M8X1	6	15.9	44.5	19500	11300	0.31
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	M8X1	6.8	17.5	55.6	25700	15300	0.42
SA207-20	1-1/4												
SA207-21	1-5/16	2.8346	1.531	1.000	0.6693	0.374	5/16-24UNF	0.268	0.689	2.189			
SA207-22	1-3/8												
SA207-23	1-7/16												
SA208	40	80	43.7	30.2	18	11	M8X1	6.8	18.3	60.3	29500	18100	0.58
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	M8X1	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	M8X1	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	0.7674	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	M10X1	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												

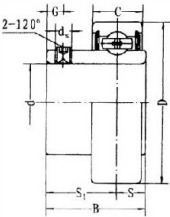
SB2



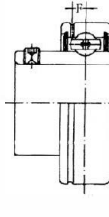
SB 2



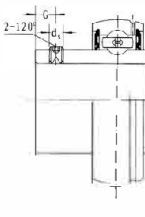
SB 2 G



CSB 2



CSB 2 G



SB 2 RG

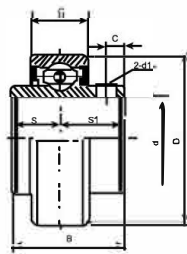
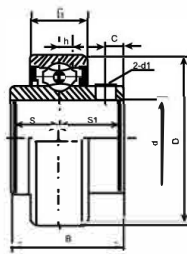
Ball Bearings



Suffix UNF: Inch sized set screws

Unit No.	mm Dimensions in.								Dynamic load ratings N	static load ratings N	Weight (kg)
	d	D	B	C	S	S ₁	d ₁	G			
SB201	12	40	22	12	6	16	M5x0.8	4.5	9600	4600	0.10
SB201-8	1/2	1.5748	0.8661	0.4724	0.236	0.630	10 # - 32	0.177			
SB202	15	48	22	12	6	16	M5x0.8	4.5	7360	4480	0.10
SB202-9	9/16	1.5748	0.8661	0.4724	0.236	0.630	10 # - 32	0.177			
SB202-10	5/8										
SB203	17	40	22	12	6	16	M5x0.8	4.5	9600	4600	0.09
SB203-11	11/16	1.5748	0.8661	0.4724	0.236	0.630	10 # - 32	0.177			
SB204	20	47	25	14	7	18	M6x1	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	M6x1	5.5	14000	7850	0.17
SB205-13	13/25										
SB205-14	7/8	2.0472	1.0630	0.5906	0.295	0.768	1/4-28UNF	0.217			
SB205-15	15/16										
SB205-16	1										
SB206	30	62	30	16	8	22	M6x1	6	19500	11300	0.25
SB206-17	1-1/16										
SB206-18	1-1/8	2.4409	1.1811	0.6299	0.315	0.866	1/4-28UNF	0.236			
SB206-19	1-3/16										
SB206-20	1-1/4										
SB207	35	72	32	17	8.5	23.5	M8x1	6.5	25700	15306	0.41
SB207-20	1-1/4										
SB207-21	1-5/16	2.8346	1.2598	0.6693	0.335	0.925	5/16-24UNF	0.256			
SB207-22	1-3/8										
SB207-23	1-7/16										
SB208	40	80	34	18	9	25	M8x1	7	29500	18100	0.58
SB208-24	1-1/2	3.1496	1.3386	0.7087	0.354	0.984	5/16-24UNF	0.276			
SB208-25	1-9/16										
SB209	45	85	41.2	19	10.2	31	M8x1	8.2	31600	20600	0.8
SB209-26	1 5/8										
SB209-27	1-11/16	3.3465	1.6220	0.7480	0.402	1.220	5/16-24UNF	0.323			
SB209-28	1-3/4										
SB210	50	90	43.5	20	10.9	32.6	M10x1	9.2			
SB210-29	1-13/16								350200	23200	0.8
SB210-30	1 7/8	3.5433	1.7126	0.7874	0.429	1.283	3/8-24UNF	0.362			
SB210-31	1-15/16										
SB210-32	2										
SB211	55	100	45.3	21	11.8	33.5	M10x1	9.8	43500	25200	1.1
SB211-32	2										
SB211-33	2-1/16	3.9370	1.7835	0.8268	0.465	1.319	3/8-24UNF	0.386			
SB211-34	2-1/8										
SB211-35	2-3/16										
SB212	60	110	53.7	22	14.9	38.8	M10x1	9.8	47700	32900	1.3
SB212-36	2-1/4										
SB212-37	2-5/16	4.3307	2.1142	0.8661	0.587	1.528	3/8-24UNF	0.386			
SB212-38	2-3/8										
SB212-39	2-7/16										

Ball Bearings



Dual seals



Tripple-lip seal
(+Suffix-R3)



F seal
(+Suffix-F)

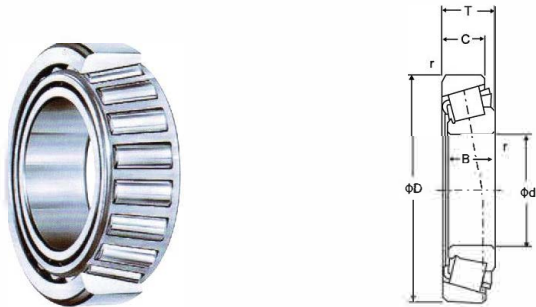
UC2 R3

Suttix UNF:Inch sized set screws

Bearing No.	Dimensions ^{mm} _{in}									Dynamic load ratings N	static load ratings N	Weight (kg)	
	d	D	B	C	S	S ₁	G	d ₁	F				
UCS201	12									9600	4600	0.11	
UCS201-8	1/2												
UCS202	15												
UCS202-9	9/16												
UCS202-10	5/8	40	27.4	14	11.5	15.9	4	M5x0.8	3.7			0.11	
UCS203	17	1.5748	1.0787	0.9512	0.4528	0.626	0.157	10#-32	0.146			0.10	
UCS203-11	11/16												
UC201	12									12800	6650	0.19	
UC201-8	1/2												
UC202	15												
UC202-9	9/16												
UC202-10	5/8	47	31	17	12.7	18.3	4.8	M6X1	3.7			0.19	
UC203	17	1.8504	1.2205	0.6693	0.550	0.720	0.169	1/4-28UNF	0.146			0.17	
UC203-11	11/16												
UC204	20	47	31	17	12.7	18.3	4.8	M6X1	3.7	12800	6650	0.16	
UC204-12	3/4	1.8504	1.2205	0.6693	0.500	0.720	0.189	1/4-28UNF	0.146				
UC205	25	52	34.1	17	14.3	19.8	5	M6X1	3.9				
UC205-13	13/16												
UC205-14	7/8	2.00472	1.3425	0.6693	0.563	0.780	0.197	1/4-28UNF	0.154	14000	7850	0.21	
UC205-15	15/16												
UC205-16	1												
UC206	30	62	38.1	19	15.9	22.2	5	M6X1	5.0	19500	11300	0.32	
UC206-17	1-1/16												
UC206-18	1-1/8	2.4409	1.5000	0.7480	0.626	0.874	0.197	1/4-28UNF	0.197				
UC206-19	1-3/16												
UC206-20	1-1/4												
UC207	35	72	42.9	20	17.5	25.4	7	M8X1	5.7	25700	15300	0.51	
UC207-20	1-1/4												
UC207-21	1-5/16	2.8346	1.6890	0.7874	0.689	1.000	0.278	5/16-24UNF	0.224				
UC207-22	1-3/8												
UC207-23	1-7/16												
UC208	40	80	49.2	21	19	30.2	8	M8X1	6.2	29500	18100	0.65	
UC208-24	1-1/2	3.1496	1.9370	0.8268	0.748	1.189	0.315	5/16-24UNF	0.244				
UC208-25	1-9/16												
UC209	45	85	49.2	22	19	30.2	8	M8X1	6.4	31600	20600	0.70	
UC209-26	1 5/8												
UC209-27	1-11/16	3.3465	1.9370	0.8661	0.748	1.189	0.315	5/16-24UNF	0.252				
UC209-28	1-3/4												
UC210	50	90	51.6	24	19	32.6	10	M10X1	6.5	35000	23200	0.82	
UC210-29	1-13/16												
UC210-30	1-7/8	3.5433	2.0315	0.9449	0.748	1.283	0.394	3/8-24UNF	0.256				
UC210-31	1-15/16												
UC211	55	100	55.6	25	22.2	33.4	10	M10X1	7.0	43500	29200	1.15	
UC211-32	2												
UC211-33	2-1/16	3.9370	2.1890	0.9843	0.874	1.315	0.394	3/8-24UNF	0.276				
UC211-34	2-1/8												
UC211-35	2-3/16												
UC212	60	110	65.1	27	25.4	39.7	10	M10X1	7.6	47700	32900	1.59	
UC212-36	2-1/4												
UC212-37	2-1/2	4.3307	2.5630	1.0630	1.000	1.563	0.394	3/8-24UNF	0.299				
UC212-38	2-3/8												
UC212-39	2-7/16												
UC213	65	120	65.1	28	25.4	39.7	10	M10X1	8.5	57500	40000	1.85	
UC213-40	2-1/2												
UC213-41	2-5/8	4.3307	2.5630	1.1024	1.000	1.563	0.394	3/8-24UNF	0.335				
UC213-42	2-3/4												
UC214-42	2-5/8	70	142	74.6	29	30.2	44.4	12	M12X1.5	8.9	60800	45000	2.16
UC214-43	2-5/8												
UC214-44	2-11/16	4.9213	2.9370	1.1417	1.189	1.748	0.472	7/16-20UNF	0.850				
UC214-45	2-3/4												
UC215	75	130	77.8	30	33.3	44.5	12	M12X1.5	9.2	66000	49500	2.35	
UC215-45	2-13/16												
UC215-46	2-7/8	5.1181	3.0630	1.1811	1.311	1.752	0.472	7/16-20UNF	0.362				
UC215-47	2-15/16												
UC215-48	3												
UC216	80	140	82.6	32	33.3	49.3	12	M12X1.5	9.5	71500	54200	2.85	
UC216-49	3-1/8												
UC216-50	3-1/8	5.5118	3.2520	1.2598	1.311	1.9409	0.472	7/16-20UNF	0.374				
UC216-51	3-3/16												
UC217	85	150	85.7	34	34.1	51.6	12	M12X1.5					
UC217-52	3-1/4												
UC217-53	3-9/16	5.9055	3.3740	1.3386	1.343	2.031	0.472	7/16-20UNF	10.2	83500	64000	3.54	
UC217-54	3-7/16								4.402				
UC218	90	160	96	36	39.7	56.3	12	M12X1.5	11.2	96000	71500	4.36	
UC218-56	3-1/2	6.2992	3.7795	1.4173	1.5630	2.217	0.472	7/2-20UNF	4.441				



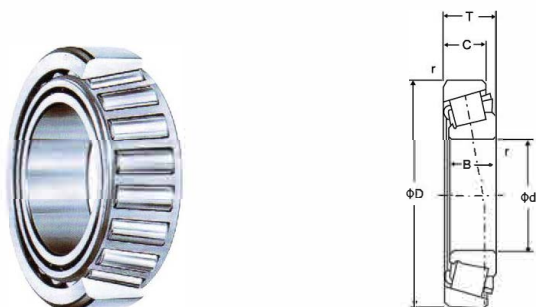
Tapered roller bearing-Metric size



Metric Series

Dimensions(mm)							Load Rating(kn)		Max Speed		Bearings No.
d	D	T	B	C	r min	r1min	Dynamic	Static	Grease	Oil	
							Cr	Cor	R/min	R/min	
15	35	11.75	11	10.0	0.6	0.6	14.9	13.4	12000	16000	30202
	42	14.25	13	11.0	1.0	1.0	21.9	19.2	10000	14000	30302
17	40	13.25	16	11.0	1.0	1.0	20.8	20.7	10000	14000	30203
	47	17.25	14	12.0	1.0	1.0	27.4	24.5	9200	12000	30303
20	47	15.25	19	16.0	1.0	1.0	31.9	29.9	9400	13000	32303
	42	15.00	15	12.0	0.6	0.6	27.3	31.5	9700	13000	32004
20	47	15.25	14	12.0	1.0	1.0	27.0	27.2	8700	12000	30204
	47	19.25	18	15.0	1.0	1.0	33.1	37.7	8900	12000	32204
20	52	16.25	15	13.0	1.5	1.5	35.0	33.5	7500	10000	30304
	52	22.25	21	18.0	1.5	1.5	45.1	46.7	8400	11000	32304
22	44	15.00	15	11.15	0.6	0.6	28.3	33.6	9100	12000	320/22
25.00	47	15.00	15	11.15	0.6	0.6	30.2	37.7	8300	11000	32005
	47	15.00	15	11.15	3.4	1.0	23.2	18.3	8000	11000	32005/A
25.00	47	17.00	17	14.0	0.6	0.6	27.5	37.0	8000	10700	33005
	52	16.25	15	13.0	1.0	1.0	31.5	33.7	7800	10000	30205
25.00	52	19.25	18	16.0	1.0	1.0	39.8	44.8	7900	11000	32205
	52	22.00	22	18.0	1.0	1.0	48.9	58.5	7900	1000	33205
25.00	62	18.25	17	15.0	1.5	1.5	48.2	46.9	6800	9000	30305
	62	18.25	17	13.0	1.5	1.5	41.5	45.0	5700	8000	30305D
25.00	62	25.25	24	20.0	1.5	1.5	61.2	64.1	6900	9100	32305
	52	16.00	16	12.0	1.0	1.0	35.2	44.0	7500	10000	320/28
28	58	24.00	24	19.0	1.0	1.0	57.6	69.5	7000	9300	332/28
	55	17.00	17	13.0	1.0	1.0	38.2	48.0	7000	9400	32006
30	55	20.00	20	16.0	1.0	1.0	39.5	59.5	6700	9100	33006
	62	17.25	16	14.0	1.0	1.0	41.5	44.8	6500	8700	30206
30	62	21.25	20	17.0	1.0	1.0	50.7	57.9	6500	8700	32206
	62	25.00	25	19.5	1.0	1.0	66.4	79.4	6500	8700	33206
30	72	20.75	19	16.0	1.5	1.5	59.6	50.1	5800	7700	30306
	72	28.75	27	23.0	1.5	1.5	82.2	91.6	5900	7900	32306
30	58	17.00	17	13.0	1.0	1.0	39.2	50.6	6700	8900	320/32
	65	26.00	26	20.5	1.0	1.0	71.8	86.9	6200	8300	332/32

Tapered roller bearing-Metric size

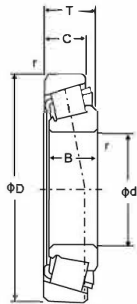


Metric Series

Dimensions(mm)							Load Rating(kn)		Max Speed		Bearings No.
d	D	T	B	C	r min	r1min	Dynamic	Static	Grease	Oil	
							Cr	Cor	R/min	R/min	
35	62	18.00	18	14.0	1.0	1.0	45.5	59.4	6200	8200	32007
	62	21.00	21	17.0	1.0	1.0	51.3	68.0	6200	8200	33007
35	72	18.25	17	15.0	1.5	1.5	55.1	60.9	5600	7400	30207
	72	24.25	23	19.0	1.5	1.5	69.6	82.4	5600	7500	32207
35	72	28.00	28	22.0	1.5	1.5	87.6	107.0	5700	7500	33207
	80	22.75	21	18.0	2.0	1.5	76.0	79.0	7750	8050	30307
35	80	32.75	31	25.0	2.0	1.5	101.0	114.0	5300	7000	32307
40	68	19.00	19	14.5	1.0	1.0	53.5	71.4	5600	7400	32008
	68	22.00	22	18.0	1.0	1.0	60.4	84.6	5500	7400	33008
40	75	26.00	26	20.5	1.5	1.5	82.2	108.0	5200	6900	33108
	80	19.75	18	16.0	1.5	1.5	62.9	69.2	5000	6700	30208
40	80	24.75	23	19.0	1.5	1.5	77.7	90.8	5000	6600	32208
	80	32.00	32	25.0	1.5	1.5	108.0	139.0	5000	6700	33208
40	90	25.25	23	20.0	2.0	1.5	90.6	101.0	4500	6100	30308
	90	35.25	33	27.0	2.0	1.5	116.0	139.0	4600	6200	32308
45	75	20.00	20	15.5	1.0	1.0	62.8	86.5	5000	6600	32009
	75	24.00	24	19.0	1.0	1.0	69.6	101.0	5000	6700	33009
45	80	26.00	26	20.5	1.5	1.5	87.5	120.0	4800	6400	33109
	85	20.75	19	16.0	1.5	1.5	67.2	77.4	4600	6100	30209
45	85	24.75	23	19.0	1.5	1.5	84.2	104.0	4600	6100	32209
	85	32.00	32	25.0	1.5	1.5	112.0	149.0	4600	6200	33209
45	100	27.25	25	22.0	2.0	1.5	113.0	128.0	4100	5400	30309
	100	38.25	36	30.0	2.0	1.5	146.0	180.0	4100	5500	32309
50	80	20.00	20	15.5	1.0	1.0	65.7	94.5	4600	6100	32010
	80	24.00	24	19.0	1.0	1.0	73.0	110.0	4600	6100	33010
50	85	26.00	26	20.0	1.5	1.5	89.4	127.0	4400	5900	33110
	90	21.75	20	17.0	1.5	1.5	76.5	91.7	4300	5700	30210
50	90	24.75	23	19.0	1.5	1.5	85.0	105.0	4300	5700	32210
	90	32.00	32	24.5	1.5	1.5	119.0	167.0	4300	5700	33210
50	110	29.25	27	23.0	2.5	2.0	137.0	152.0	3700	4900	30310
	110	29.25	27	19.0	2.5	2.0	108.0	128.0	3800	4800	31310
50	110	42.25	40	33.0	2.5	2.0	176.0	220.0	3700	5000	32310



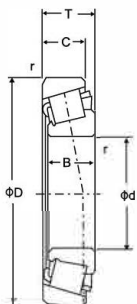
Tapered roller bearing-Metric size



Metric Series

Dimensions(mm)							Load Rating(kn)		Max Speed		Bearings No.
d	D	T	B	C	r min	r1min	Dynamic Cr	Static Cor	Grease R/min	Oil R/min	
55	90	23.00	23	17.5	1.5	1.5	84.6	121.0	4100	5500	32011
	90	27.00	27	21.0	1.5	1.5	96.5	145.0	4100	5400	33011
	95	30.00	30	23.0	1.5	1.5	116.0	161.0	4000	5300	33111
	100	22.75	21	18.0	2.0	1.5	94.6	113.0	3900	5200	30211
	100	26.75	25	21.0	2.0	1.5	107.0	133.0	3900	5200	32211
	100	35.00	35	27.0	2.0	1.5	142.0	189.0	3900	5200	33211
	120	31.50	29	25.0	2.5	2.0	149.0	170.0	3300	4500	30311
	120	45.50	43	35.0	2.5	2.0	200.0	250.0	3400	4500	32311
60	95	23.00	23	17.5	1.5	1.5	86.1	127.0	3900	5200	32012
	95	27.00	27	21.0	1.5	1.5	101.0	162.0	3900	5200	33012
	100	30.00	30	23.0	1.5	1.5	118.0	170.0	3700	5000	33112
	110	23.75	22	19.0	2.0	1.5	106.0	127.0	3500	4700	30212
	110	29.75	28	24.0	2.0	1.5	132.0	167.0	3500	4700	32212
	110	38.00	38	29.0	2.0	1.5	174.0	239.0	3600	4700	33212
	130	33.50	31	26.0	3.0	2.5	173.0	201.0	3100	4100	30312
	130	48.50	46	37.0	3.0	2.5	244.0	315.0	3100	4200	32312
65	100	23.00	23	17.5	1.5	1.5	90.0	137.0	3600	4800	32013
	100	27.00	27	21.0	1.5	1.5	103.0	169.0	3600	4800	33013
	110	34.00	34	26.5	1.5	1.5	152.0	223.0	3400	4600	33113
	120	24.75	23	20.0	2.0	1.5	128.0	156.0	3200	4300	30213
	120	32.75	31	27.0	2.0	1.5	157.0	203.0	3200	4300	32213
	120	41.00	41	32.0	2.0	1.5	200.0	277.0	3200	4300	33213
	140	36.00	33	28.0	3.0	2.5	204.0	239.0	2800	3800	30313
	140	51.00	49	39.0	3.0	2.5	277.0	359.0	2800	3800	32313
70	110	25.00	25	19.0	1.5	1.5	108.0	163.0	3300	4400	32014
	110	31.00	31	25.5	1.5	1.5	134.0	208.0	3300	4400	33014
	120	37.00	37	29.0	2.0	1.5	181.0	266.0	3100	4200	33114
	125	26.25	24	21.0	2.0	1.5	138.0	173.0	3100	4100	30214
	125	33.25	31	27.0	2.0	1.5	169.0	225.0	3100	4100	32214
	125	41.00	41	32.0	2.0	1.5	206.0	294.0	3100	4100	33214
	150	38.00	35	30.0	3.0	2.5	230.0	273.0	2600	3500	30314
	150	54.00	51	42.0	3.0	2.5	317.0	414.0	2700	3600	32314

Tapered roller bearing-Metric size



Metric Series

Dimensions(mm)							Load Rating(kn)		Max Speed		Bearings No.
d	D	T	B	C	r min	r1min	Dynamic Cr	Static Cor	Grease R/min	Oil R/min	
75	115	25.00	25	19.0	1.5	1.5	110.0	169.0	3100	4200	32015
	115	31.00	31	25.5	1.5	1.5	141.0	225.0	3200	4200	33015
	125	37.00	37	29.0	2.0	1.5	186.0	280.0	3000	4000	33115
	130	27.25	25	22.0	2.0	1.5	142.0	181.0	2900	3900	30215
	130	33.25	31	27.0	2.0	1.5	174.0	234.0	2900	3900	32215
	130	41.00	41	31.0	2.0	1.5	212.0	310.0	2900	3900	33215
	160	40.00	37	31.0	3.0	2.5	260.0	311.0	2500	3300	30315
	160	58.00	55	45.0	3.0	2.5	363.0	481.0	2500	3300	32315
	125	29.00	29	22.0	1.5	1.5	147.0	225.0	2900	3900	32016
	130	37.00	37	29.0	2.0	1.5	191.0	294.0	2800	3800	33116
80	140	28.25	26	22.0	2.5	2.0	161.0	202.0	2700	3600	30216
	140	35.25	33	28.0	2.5	2.0	203.0	271.0	2700	3600	32216
	140	46.00	46	35.0	2.5	2.0	250.0	371.0	2700	3600	33216
	170	42.50	39	33.0	3.0	2.5	294.0	355.0	2300	3100	30316
	170	61.50	58	48.0	3.0	2.5	383.0	503.0	2300	3100	32316
	130	29.00	29	22.0	1.5	1.5	150.0	234.0	2800	3700	32017
	140	41.00	41	32.0	2.5	2.0	224.0	346.0	2600	3500	33117
	150	30.50	28	24.0	2.5	2.0	182.0	231.0	2500	3400	30217
85	150	38.50	36	30.0	2.5	2.0	232.0	315.0	2500	3400	32217
	150	49.00	49	37.0	2.5	2.0	294.0	439.0	2500	3400	33217
	180	44.50	41	34.0	4.0	3.0	316.0	384.0	2200	2900	30317
	180	63.50	60	49.0	4.0	3.0	439.0	587.0	2200	3000	32317
	140	32.00	32	24.0	2.0	1.5	178.0	276.0	2600	3500	32018
	150	45.00	45	35.0	2.5	2.0	258.0	413.0	2500	3300	33118
	160	32.50	30	26.0	2.5	2.0	204.0	261.0	2400	3200	30218
	160	42.50	40	34.0	2.5	2.0	263.0	362.0	2400	3200	32218
90	145	32.00	32	24.0	2.0	1.5	182.0	287.0	2500	3300	32019
	145	39.00	39	32.5	2.0	1.5	226.0	382.0	2500	3300	33019
	170	34.50	32	27.0	3.0	2.5	231.0	299.0	2200	3000	30219
	170	45.50	43	37.0	3.0	2.5	311.0	439.0	2200	3000	32219
95	150	32.00	32	24.0	2.0	1.5	185.0	298.0	2400	3200	32020
	180	49.00	46	39.0	3.0	2.5	347.0	495.0	2100	2800	32220
	105	160	35.00	35	26.0	2.5	215.0	344.0	2200	3000	32021
100	170	38.00	38	29.0	2.5	2.0	248.0	395.0	2100	2800	32022
	170	47.00	47	37.0	2.5	2.0	287.0	502.0	2100	2800	33022