Introduction

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

The units are available in a variety of pillow block, flange, cartridge and take-up mounted configurations with one piece cast iron, ductile iron, stainless steel, thermoplastic or two pressed steel housings.

FK inserts are wide inner ring ball bearings that are effectively and efficiently sealed, including the J type rubber seal, H type shield seal, SL type dual seal, L3 type triple seal, F type combine seal, Dust cap and end-cover. Simple fitting onto standard shafting is provided for by means of eccentric locking collar, set screws, adapter sleeve or squeeze Lock.

The reliablitiy, simplicity and ease of assembly of items in the FK ball bearing units range has resulted in their popularity for agricultural, extraction machinery,textile machinery, parking equipment, fan equipment and construction machinery as well as process and automation equipment.

Product Selection

The purpose of this catalogue is to introduce the FK Ball bearing units range and provide the necessary technical information for assisting in selecting the most appropriate bearing units product for most applications. FK can provide many other items which are covered in further publications and can provide additional advice. FK supply one-stop type services and product solutions of ball bearing units.

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

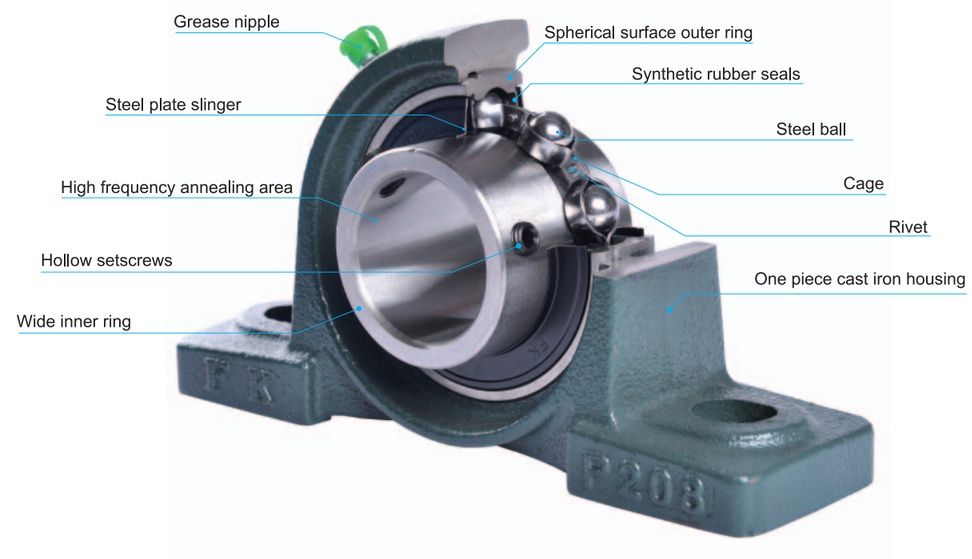
In line with our policy of continuous improvement, we reserve the right to amend the details in this catalogue without prior notice. If you have any doubts when making an application selection, or if you require additional information, please contact FK.

CONTENTS

FK Product Range

FK PILLOW BLOCKS

1 STRUCTURE OF FK PILLOW BLOCKS



(A). Grease nipple for supplying lubricating grease.

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

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

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

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

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

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

2 COMBINATION TABLES OF INSERT BEARING AND BEARING HOUSINGS

A ball bearing unit consists of a insert bearing and a bearing housing. There are many different ball bearing units available. Following table shows some of the combinations of insert bearings and housings. Also, there are many kinds of insert bearings which are classified according to the method of mounting on the shaft, the bore diameter series, and the outer ring outside profiles,as well as the diameter series and the width series.

Table 1

Housing Type	Insert Bearing Type					
	UC2.. UC3.. UCX..	UK2.. UK3.. UKX..	HC2.. HC3..	SA2..	SB2..	NC2..
P PX LP AK PK	UCP2.. UCLP2.. UCAK2.. UCP3.. UCPX.. UCPK2..	UKP2.. UKLP2.. UKP3.. UKPX..	HCP2.. HCP3.. HCLP2..	SAP2.. SALP2..	SBP2.. SBLP2..	NCP2..
PE	UCPE2..	UKPE2..	HCPE2..			NCPE2..
F FX FS FU FN	UCF2.. UCFS2.. UCFX.. UCF3.. UCFS3.. UCFU2..	UKF2.. UKFX.. UKF3.. UKFU2..	HCF2.. HCFS2.. HCFU2.. HCF3.. HCFS3..	SAF2.. SAFN2..	SBF2.. SBFN2..	NCF2..
FL FLX FT FTN	UCFL2.. UCFLX.. UCFL3.. UCFT2..	UKFL2.. UKFLX.. UKFL3.. UKFT2..	HCFL2.. HCFT2.. HCFL3..	SAFL2.. SAFTN2..	SBFL2.. SBFTN2..	NCFL2..
T TX ST	UCT2.. UCTX.. UCT3.. UCST2..	UKT2.. UKTX.. UKT3..	HCT2.. HCST2.. HCT3..	SAT2..	SBT2..	NCT2..
FC FCX	UCFC2.. UCFCX..	UKFC2.. UKFCX..	HCFC2..	SAFC2..	SBFC2..	NCFC2..
C CX	UCC2.. UCCX.. UCC3..	UKC2.. UKCX.. UKC3..	HCC2.. HCCX.. HCC3..	SAC2..	SBC2..	
PH	UCPH2..	UKPH2..	HCPH2..	SAPH2..	SBPH2..	
PA PG PW TB	UCPA2.. UCPW2.. UCPG2.. UCTB2..	UKPA2.. UKPW2..	HCPA2.. HCPW2..	SAPA2.. SAPW2..	SBPA2.. SBPW2..	NCPA2..
FB	UCFB2..	UKFB2..	HCFB2..	SAFB2..	SBFB2..	
FA	UCFA2..	UKFA2..	HCFA2..	SAFA2..	SBFA2..	
HA	UCHA2..	UKHA2..	HCHA2..	SAHA2..	SBHA2..	

Housing Type	Insert Bearing Type				
	UC2.. UC3.. UCX..	UK2.. UK3.. UKX..	HC2.. HC3..	SA2..	SB2..
HE	UCHE2..				
FD FW				SAFD2.. SAFW2..	SBFD2.. SBFW2..
LF				SALF2..	SBLF2..
PFTD FX				SAPFTD2.. SAFX2..	SBPFTD2.. SBFX2..
FCT				SAFCT2..	SBFCT2..
CFTR				SACFTR2..	SBCFTR2..
SHE	UCSHE2..			SASHE2..	SBSHE2..
CJT CJTZ	UCCJT2..		HCCJTZ2..		
FE			HCFE2..		
ASE	UCASE2..		HCASE2..		
PSD				SAPSD2..	SBPSD2..
ME	UCME2..		HCME2..		
PP PR				SAPP2.. SAPR2..	SBPP2.. SBPR2..
PF				SAPF2..	SBPF2..
PFL				SAPFL2..	SBPFL2..
PFT				SAPFT2..	SBPFT2..

3 MATERIALS OF BALL BEARING UNITS

3.1 Materials of Insert 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 <GB/T 18254>(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

Table 2

Standard	Symbol	Chemical Composition (%)					
		C	Si	Mn	P	S	Cr
GB	GCr15	0.98~1.10	0.15~0.35	＜0.50	＜0.025	＜0.025	1.30~1.60
DIN	100Cr6						
ASTM	E5200						
JIS	SUJ2						

Chemical composition of stainless steel

Table 3

Standard	Symbol	Chemical Composition (%)					
		C	Si	Mn	P	S	Cr
GB	9Cr18	0.98~1.10	＜1.00	＜1.00	＜0.025	＜0.025	16.00~18.00
DIN	X105CrMO17						
ASTM	440C						
JIS	SUC440C						

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

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

Materials of Insert Bearing Components

Table 4

Components	Materials used	Symbol	GB number
Cage*	Cold rolled carbon steel sheet and strip	08	GB/T 13237
Rivet	Heat-rolled round steel	ML15	GB/T 715
Seal	Nitrile Butadiene Rubber<NBR>	-	-
Slinger	Cold rolled carbon steel sheet and strip	08	GB/T 13237
Hexagon set screw	Nickel chromium molybdenum steel	35CrMo	GB/T 3077

* Nylon cage is available

3.2 Materials of Housings

The material of the housings is HT200 GB/T 9439(Cast iron) and the mechanical properties are shown in the following table.

Mechanical properties of cast iron HT200

Table 5

symbol	Thickness (mm)	Dia. Of testing bar (mm)	Tensile strength	Bend strength	Deflection	Pressure strength	Hardness
			(kgf/mm²)	(kgf/mm)	(mm)	kgf/mm²	(HB)
HT200	6~8	13	Over 23	53	1.8	75	187~255
	8~15	20	Over 22	45	2.5	75	170~241
	15~30	30	Over 20	40	2.5	75	170~241
	30~50	45	Over 17	34	3.0	75	170~241
	＞50	60	Over 16	31	4.5	75	163~299

Other Materials of Housings

Table 6

Materials used	Symbol	GB number
Ductile iron	QT400	GB/T 1348
Press steel	08	GB/T 13237
Stainless steel	0Cr18Ni9	GB/T 1220
Thermoplastic	PBT	-
Rubber	NBR	-

3.3 Materials of Other Accessories

Table 7

Accessories	Materials used	symbol	GB number
Sleeve for adapter	Carbon steel for machine structural use	45	GB/T 699
Nut for adapter	Carbon steel for machine structural use	45	GB/T 699
Washer for adapter	Cold rolled carbon steel sheet and strip	08	GB/T 13237
Hexagon wrench key	Nickel chromium molybdenum steel	45	GB/T 699
Grease nipple	Cold heading steel wires	08L	GB/T 6478

4 ACCURACY OF BALL BEARING UNITS

4.1. Radial Internal Clearance of Insert Bearings

The radial internal clearance of the insert bearing is same with the reference value of GB/T4604–2006 deep groove ball bearings. Generally, the N clearance is adopted for cylindrical bore bearings and tapered bore bearings. When the environmental temperature is very high or when the temperature difference between the outer and inner rings is large, a larger clearance must be adopted because the clearance decreases due to thermal expansion of the bearings materials and temperature gradient in the bearing.

4.1.1. Cylindrical bore insert bearings

Table 8
Unit = 0.001mm

Bore diameter d (mm)		C_2		N		C_4		C_5	
over	incl.	min.	max.	min.	max.	min.	max.	min.	max.
10	18	3	18	11	25	18	33	25	45
18	24	5	20	13	28	20	36	28	48
24	30	5	20	13	28	23	41	30	53
30	40	6	20	15	33	28	46	40	64
40	50	6	23	18	36	30	51	45	73
50	65	8	28	23	43	38	61	55	90
65	80	10	30	25	51	46	71	65	105
80	100	12	36	30	58	53	84	75	120
100	120	15	41	36	66	61	97	90	140
120	140	18	48	41	81	71	114	105	160

4.1.2. Tapered bore insert bearings

Table 9
Unit = 0.001mm

Bore diameter d (mm)		C_2		N		C_4	
over	incl.	min.	max.	min.	max.	min.	max.
10	18	10	25	18	33	25	45
18	24	12	28	20	36	28	48
24	30	12	28	23	41	30	53
30	40	13	33	28	46	40	64
40	50	14	36	30	51	45	73
50	65	18	43	38	61	55	90
65	80	20	51	46	71	65	105
80	100	24	58	53	84	75	120
100	120	28	66	61	97	90	140
120	140	33	81	71	114	105	160

4.2. Dimensional Accuracies of Insert Bearings

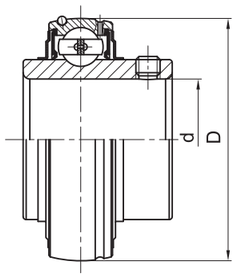
The dimensional accuracy of FK insert bearings follows the dimensional accuracy prescribed in ISO/TC4/SC6 insert bearings for ball bearing units.

4.2.1.Accuracies of outer ring

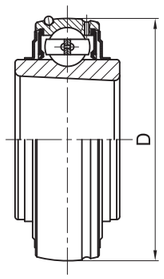
Table 10
Unit = 0.001mm

D (mm)		△Dmp		Kea
over	incl.	max.	min.	max.
30	50	0	-11	20
50	80	0	-13	25
80	120	0	-15	35
120	150	0	-18	40
150	180	0	-25	45
180	250	0	-30	50
250	315	0	-35	60

UC-type



UK-type



D--------outside diameter of bearing.

△ Dmp---deviation of mean outside diameter

Kea-----radial runout of outer ring.

4.2.2. Accuracies of inner ring

Table11
Unit = 0.001mm

d (mm)		Cylindrical bore insert bearing								Kia
		Bore diameter						△Bs, △Cs		
		UC,HC,SA,SB,SER			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.

△dmp-deviation of mean bearing bore diameter in a single plane.

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

△Bs----deviation of a single inner ring width.

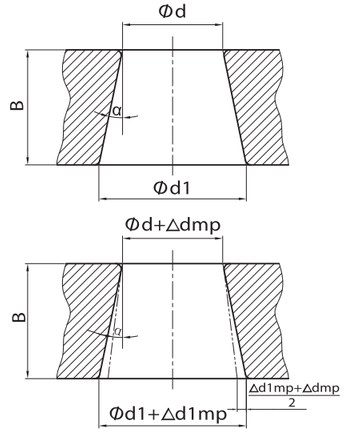
△Cs----deviation of a single outer ring width.

Kia----radial runout of inner ring.

4.2.3. Accuracies of tapered bore

Table12
Unit = 0.001mm

mm		△dmp		△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.

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

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

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

B-------inner ring width.

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

$a = 2^{\circ}\ 23'\ 9.4'' = 2.385\ 94^{\circ} = 0.041\ 643$ rad.

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

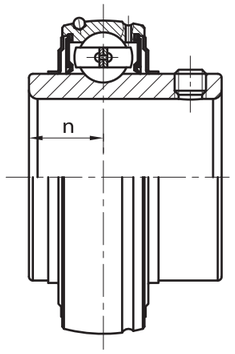


Table13
Unit = 0.001mm

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

4.3 Dimensional Accuracies of Housings

The dimensional accuracy of FK housing follows the dimensional accuracy prescribed in GB/T27560 housings for ball bearing units. The spherical inside diameter of FK housing follow the dimension prescribed as fitting symbol J.

4.3.1. Tolerance of spherical bore diameter of housings

Table14
Unit = 0.001mm

Nominal dimension of spherical bore diameter D. (mm)		Housing for loose fit				Housing for sliding fit				Housing for sliding fit			
		Symbol H				Symbol J				Symbol K			
		D1m		D1		D1m		D1		D1m		D1	
over	incl.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.
30	50	+25	0	+30	-5	+14	-11	+19	-16	+7	-18	+12	-23
50	80	+30	0	+36	-6	+18	-12	+24	-18	+9	-21	+15	-27
80	120	+35	0	+42	-7	+22	-13	+29	-20	+10	-25	+17	-32
120	180	+40	0	+48	-8	+26	-14	+34	-22	+12	-28	+20	-36
180	250	+46	0	+55	-9	+30	-16	+39	-25	+13	-33	+22	-42
250	315	+52	0	+62	-10	+36	-16	+46	-26	+16	-36	+26	-46

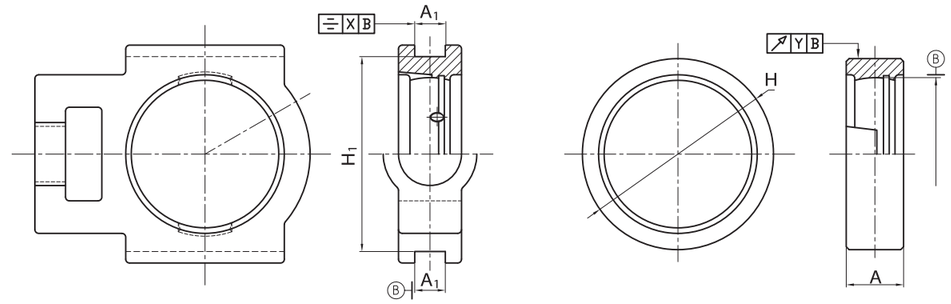
Notes: a).D1m is given by the following equation, where D1max and D1min in the equation are maximum and minimum values measured respectively.

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

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.

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



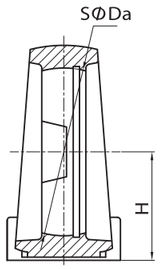
(T,TX) (C,CX)

Tolerance of Housings

Table15
Unit = 0.001mm

Housing No. T			$\triangle A_1$	$\triangle H_1$	x (≤)	Housing No. C			$\triangle H$						Y (≤)	$\triangle A$
									C 2..		CX..		C 3..			
									max.	min.	max.	min .	max.	min.		
204	-	-				204	-	-			-	-	-	-		
205	X05	305				205	X05	305	0	-30						
206	X06	306				206	X06	306								
207	X07	307	+200 0	0 -500	500	207	X07	307			0	-35	0	-35	200	±200
208	X08	308				208	X08	308	0	-35						
209	X09	309				209	X09	309								
210	X10	310				210	X10	310								
211	X11	311				211	X11	311			0	-40	0	-40		
212	X12	312				212	X12	312	0	-40						
213	X13	313				213		313								
214	X14	314			600	-	-	314								
215	X15	315				-	-	315								
216	X16	316				-	-	316								
217	X17	317	+300 0	0 -800		-	-	317			-	-	0	-46	300	±300
-	-	318				-	-	318								
-	-	319			700	-	-	319								
-	-	320				-	-	320	-	-						
-	-	321				-	-	321					0	-52		
-	-	322				-	-	322							400	
-	-	324			800	-	-	324								
-	-	326				-	-	326					0	-57		
-	-	328				-	-	328								

4.3.2. Dimensional Accuracies of Pillow Block-type Housings

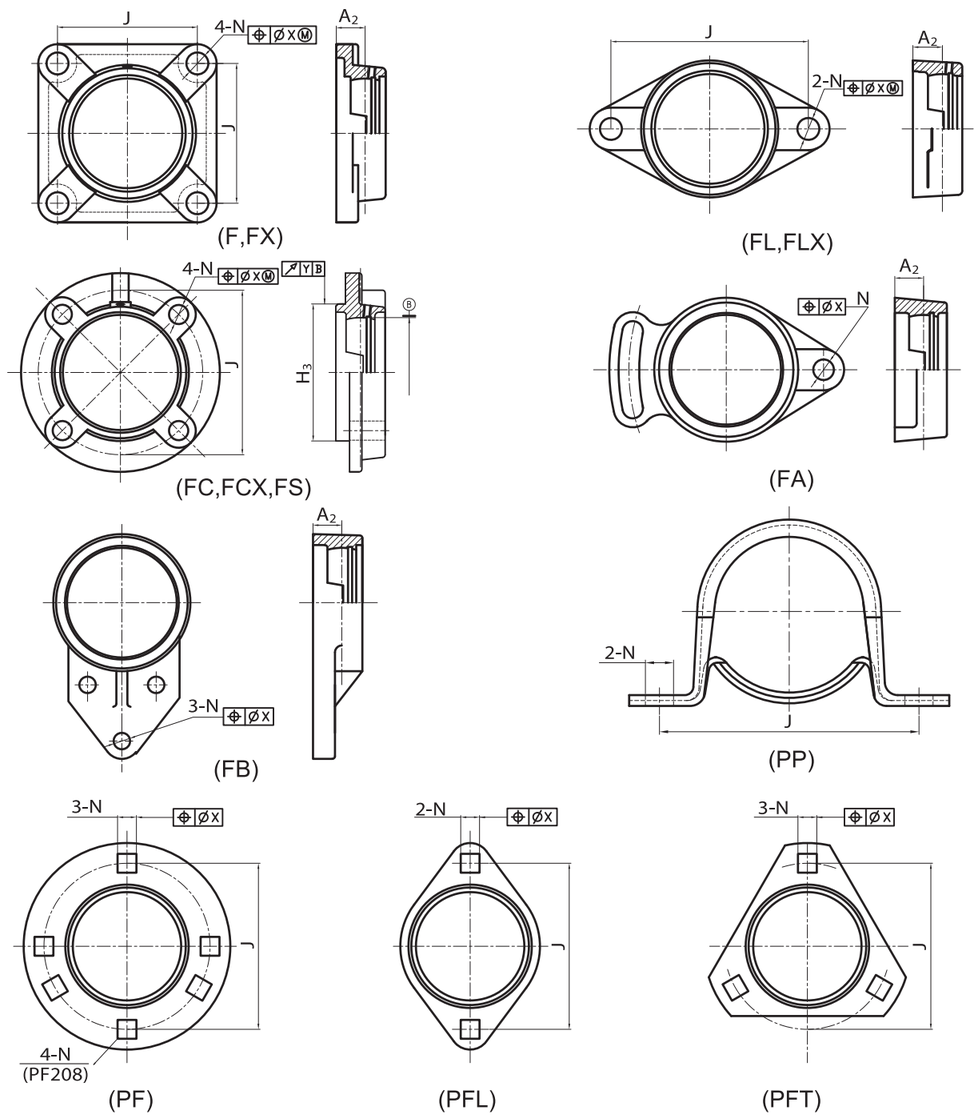


Tolerance of pillow block center height Table16

Unit = 0.001mm

Housing No. P.LP.PH.PA.PW.PE.PK	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



Tolerance of Housings

Table17

Unit = 0.001mm

Housing No. F,FL,FA,FB			X (≤)	△A2	Housing No. FC , FS			Tolerance of △H3 FC 2.. max	FC 2.. min.	FCX.. max.	FCX.. min .	FS 3.. max.	FS 3.. min.	X (≤)	△A2	Y (≤)
204	-	-	700	±500	204	-	-	0	-46	-	-	-	-	700	±500	200
205	X05	305			205	X05	305			0	-46	0	-46			
206	X06	306			206	X06	306			0	-54	0	-54			
207	X07	307			207	X07	307	0	-54							
208	X08	308			208	X08	308									
209	X09	309			209	X09	309					0	-63			
210	X10	310			210	X10	310									
211	X11	311	1000	±800	211	X11	311	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					0	-72			
215	X15	315			215	X15	315									
216	X16	316			216	X16	316			0	-72					
217	X16	317			217	X16	317									
218	X18	318			218	X18	318	0	-72							
-	-	319			-	-	319	-	-	-	-					400
-	X20	320			-	X20	320					0	-81			
-	-	321			-	-	321			-	-					
-	-	322			-	-	322									
-	-	324			-	-	324					0	-89			
-	-	326			-	-	326									
-	-	328			-	-	328									

Unspecified tolerance of castings Table18

Unit = 1mm

Thickness over	Thickness incl.	Tolerance△	Thickness over	Thickness incl.	Tolerance△
-	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

Tolerance of pressed steel housings Table19

Unit = 1mm

Housing No.	△N	Tolerance of J	Housing No.	△N	Tolerance of mounting hole position
PP203-208	±0.5	±0.4	PF203-208 PFL203-208 PFT203-208	±0.2	0.4

5 Allowable loading capacity of cast iron housing

FK cast iron housing is produced by high quality HT200 material, and designed to meet insert bearing loading capacity. However, housing strength must be taken into consideration under low speed heavy load or impact load and other special application.

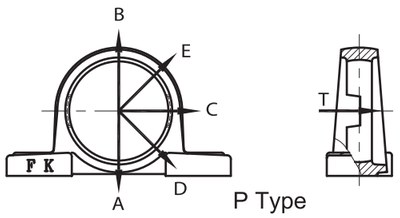
5.1 Destruction strength of cast iron housing

FK housing lab gets following data by many years research and test. This is the average destruction strength under static loading, so ±30% deviation must be considered. Cast iron housing has many good properties, but it is fragile under impact load, so safety factor must be considered.

Table20

Load type	Static load	Dynamic load		
		Repeated load	Alternating load	Variable load Impact load
Safety factor	4	6	10	15

* Some applications may have impact load, such as crane, windlass, air compressor, rolling mill etc, must consider cast steel or ductile iron housing for these applications.



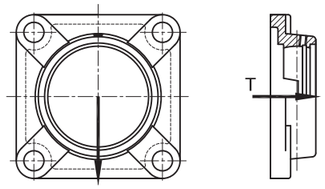
P Type

Table21

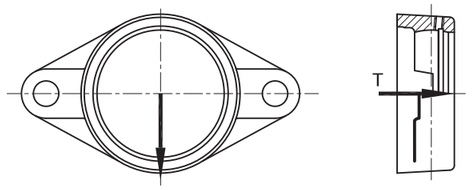
KN

Destruction strength of cast iron housing

Housing No.	Direction A,D	Direction C	Direction B	Direction E	Direction T	Housing No.	Direction A,D	Direction C	Direction B	Direction E	Direction T
P204	70.4	50.8	31.9	25.5	13.8	P307	122.4	74.0	54.8	44.0	26.0
P205	80.0	53.5	33.7	27.5	15.0	P308	145.6	63.2	61.6	50.0	28.0
P206	91.5	59.4	37.6	31.5	17.0	P309	172.0	94.4	68.8	56.8	30.8
P207	104.6	67.2	43.0	36.6	20.0	P310	198.4	105.2	76.4	64.4	34.4
P208	119.0	76.6	49.2	42.3	23.0	P311	228.0	117.6	84.8	72.0	38.4
P209	135.3	87.0	56.5	48.5	26.6	P312	258.4	131.2	93.6	80.8	42.4
P210	153.7	98.9	64.4	55.7	31.0	P313	292.8	146.8	103.2	90.4	48.4
P211	172.9	110.8	72.5	63.1	34.5	P314	328.0	164.0	113.6	101.6	54.0
P212	195.4	123.8	81.7	71.0	39.8	P315	363.2	182.4	125.2	111.2	60.8
P213	217.5	137.4	91.1	79.2	44.7	P316	398.4	203.2	138.0	124.0	67.2
P214	242.6	151.8	100.9	88.2	50.5	P317	437.6	227.2	152.8	136.8	75.2
P215	270.2	166.6	111.6	97.5	56.4	P318	478.4	253.6	167.2	150.4	83.6
P216	297.6	182.2	122.4	107.1	62.4	P319	520.0	280.8	185.2	164.8	92.8
P217	327.8	198.0	133.8	117.7	69.1	P320	564.0	312.0	204.0	180.4	102.8
P218	360.0	213.2	144.9	128.2	76.5	P321	607.2	344.8	224.0	196.8	113.2
						P322	651.2	380.0	246.4	214.4	123.2
P305	79.2	57.6	42.4	35.2	21.6	P324	740.0	452.8	292.0	251.2	146.8
P306	100.0	64.8	48.8	39.2	23.2	P326	834.4	532.0	340.0	292.8	172.4



F Type



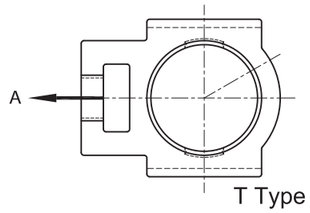
FL Type

Table22

KN

Destruction strength of cast iron housing

Housing No.	Direction A	Direction T	Housing No.	Direction A	Direction T
F204	66.8	15.0	FL204	44.2	16.1
F205	71.6	17.8	FL205	54.2	20.1
F206	77.0	19.6	FL206	63.4	24.0
F207	83.7	22.5	FL207	73.8	28.7
F208	91.0	26.5	FL208	84.0	32.9
F209	99.0	31.1	FL209	93.7	36.8
F210	107.3	36.4	FL210	102.9	40.8
F211	115.9	42.2	FL211	111.3	44.7
F212	125.0	48.7	FL212	118.8	48.0
F213	134.5	55.8	FL213	126.2	51.6
F214	144.9	63.4	FL214	133.5	54.3
F215	155.2	71.4	FL215	140.0	58.4
F216	166.3	79.4	FL216	146.3	61.6
F217	176.8	87.8	FL217	152.4	65.6
F218	187.9	95.8	FL218	157.8	72.9
F305	86.8	21.6	FL305	47.4	21.9
F306	89.6	27.2	FL306	57.5	28.2
F307	108.0	32.8	FL307	68.9	34.2
F308	121.2	38.4	FL308	80.6	40.8
F309	134.8	45.2	FL309	93.6	47.0
F310	149.6	51.6	FL310	106.6	53.8
F311	162.4	58.8	FL311	117.8	59.4
F312	177.6	66.4	FL312	129.0	65.4
F313	193.2	74.0	FL313	139.5	71.0
F314	208.8	83.2	FL314	151.1	76.9
F315	226.4	92.8	FL315	161.1	82.4
F316	243.2	102.4	FL316	171.0	87.9
F317	262.0	113.6	FL317	181.0	93.7
F318	281.6	125.6	FL318	190.5	99.2
F319	300.0	138.0	FL319	199.8	104.6
F320	319.2	151.2	FL320	209.5	110.4
F321	337.6	164.8	FL321	218.3	116.0
			FL322	225.8	121.0



Destruction strength of cast iron housing

Table23
KN

Housing No.	Direction A	Housing No.	Direction A	Housing No.	Direction A
T204	26.7	T216	115.0	T313	113.5
T205	32.6	T217	124.6	T314	126.2
T206	38.6	T218	134.2	T315	140.2
T207	45.0			T316	154.1
T208	51.9	T305	38.9	T317	168.4
T209	59.1	T306	44.6	T318	184.9
T210	66.8	T307	51.3	T319	199.1
T211	74.2	T308	59.3	T320	216.7
T212	82.0	T309	67.4	T321	232.1
T213	89.8	T310	77.6	T322	249.5
T214	98.2	T311	89.0	T324	285.0
T215	106.5	T312	100.8	T326	320.8

5.2 Allowabale Load of Pressed Housings

Pressed housing shows deformation when subjected to heavy 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 pressed housing must be such an amount that deformation of the housing may not disturbed the function.

The allowable radial load of pressed housing is approximately 1/6 of the bearing basic dynamic load raing (Cr), and allowable axial load of pressed housing is approximately 1/18 of the bearing basic dynamic load rating (Cr).

6 LUBRICATION OF BALL BEARING UNITS

6.1 Permissible Speed

Permissible speed of a insert 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.

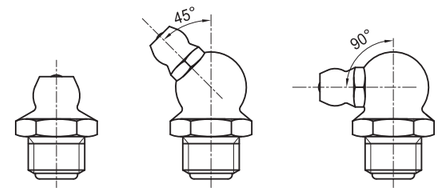
When such factors are taken into consideration, the permissible speed is given as follows:

$$Dn \leqslant 150{,}000 \qquad [\ dn = d \times n\ ]$$

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

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

6.2 Type of Grease Nipple



Type A** Type B Type C

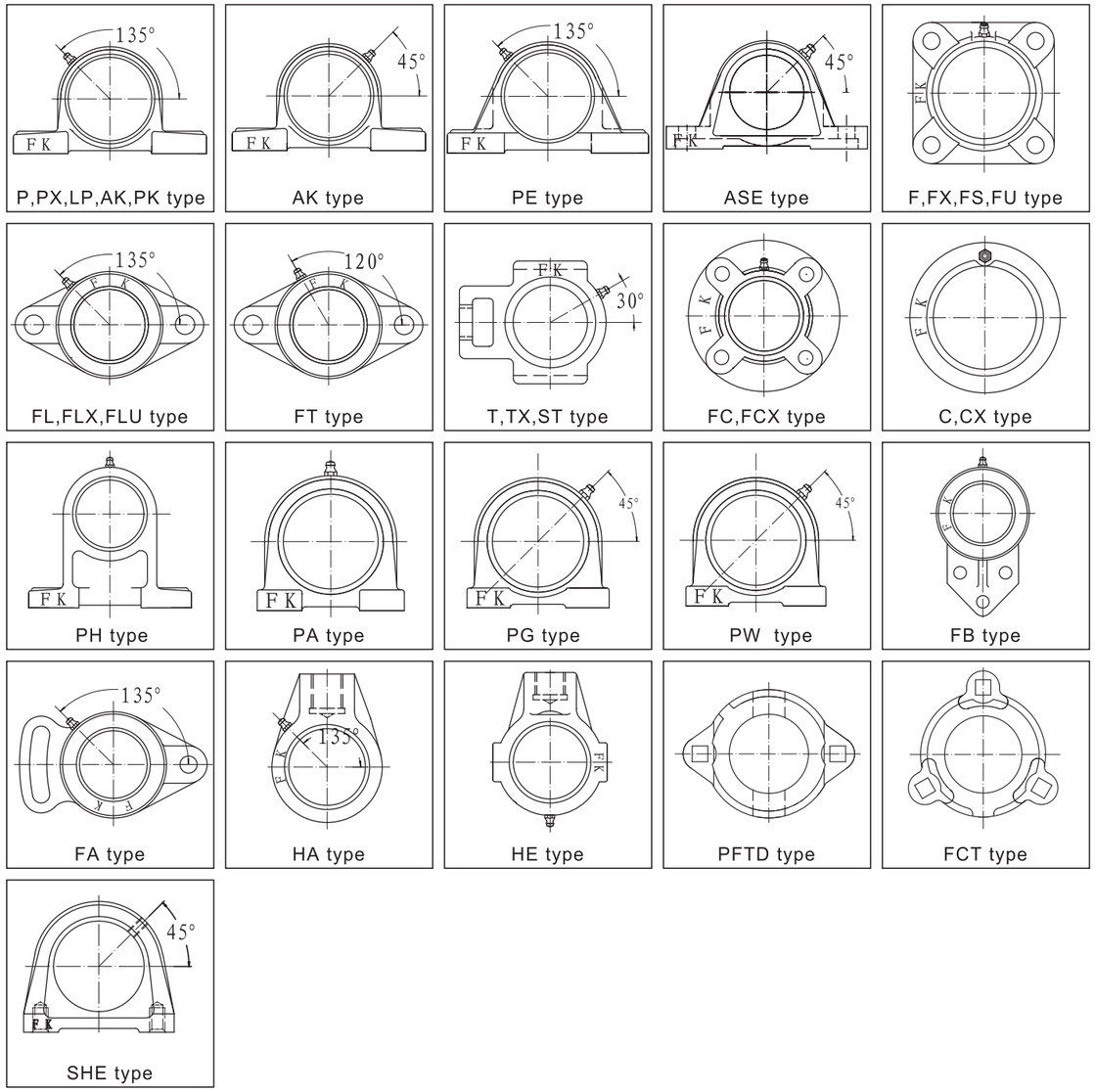
Table24

Applicable housing		Type of grease nipple*
Type	No.	
P(PX),F(FX), FL(FLX),FC(FCX) T(TX),C(CX).PH PA,PW,PG,LP, FS,FD,FW,FT,FU, FA,FB,HA,HE,LF AK,PK,PE,FLU	203(S)~210 305~309 X05~X09	M6X1
	211~215 310~315 X10~X14	M8X1
	216~218 316~328 X15~X20	M10X1

* Inch size grease nipple is available

** Type A is standard on all relubricatable housings

6.3 Locating of Grease Nipple



P,PX,LP,AK,PK type
AK type
PE type
ASE type
F,FX,FS,FU type
FL,FLX,FLU type
FT type
T,TX,ST type
FC,FCX type
C,CX type
PH type
PA type
PG type
PW type
FB type
FA type
HA type
HE type
PFTD type
FCT type
SHE type

6.4 Lubricant Grease

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

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

At present, "Lithium-base grease 2" grease is used for the standard product of FK and is lithium saponification radical grease. It is most suitable for the insert bearing.

6.5 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 insert 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 insert bearing too much or the insert bearing is subjected to the high temperature, the grease must be supplied periodically according to the grease deterioration.

FK 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 tollows:

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

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

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

Grease supply period

Table25

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

6.6 Range of operating temperature

As Bearing Units are used not only in normal temperature but also in high or low temperature in many applications.

Bearing Units for heat-resistance or cold-resistance application are available by using suitable kind of rubber seal and grease for specific operating temperature as shown in Following table.

For heat-resistance application, decrease of load rating of the insert bearing must be taken into consideration and larger radial internal clearance of the insert bearing than normal application be taken.

Standard radial internal clearances for heat-resistance application are C_5 HT20 for cylindrical bore insert bearing, and C_4 for tapered bore insert bearing.

When temperature differential between bearing inner ring and outer ring is extremely large, suitable radial internal clearance must be determined.

Note: For application where operating temperature exceeds 150℃,consult us along with data of specification and operating condition.

Range of operating temperature

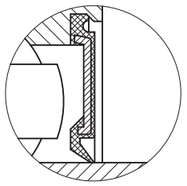
Table26

Type	Range of operating temperature C (F)	Grease	Rubber seal	Color of slinger
Ordinary application	-15 to +100 (-5 to +212)	Lithium-Base Grease 2	Nitril rubber (NBR)	Black
Heat resistance application HT20	Normal to +200 (Normal to +392)	Egols-8604	Silicon rubber	red
Cold resistance application LT4	-40 to Normal (-40 to normal)	Esso Beacon 325	silicon rubber	Silver

7 SEALING DEVICES

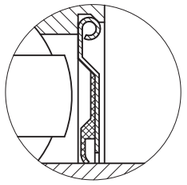
Following kinds seals are used as the sealing device of FK ball bearing units. By selecting the sealing device which is most suitable to the application condition, longer bearing life can be guaranteed.

7.1 Sealing devices of insert bearings:



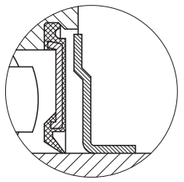
J type rubber seal

Synthetic rubber is adhered by baking to the core piece. It is inserted into groove of the outer ring and fitted on the inner ring outer diameter. It has low friction, high property in oil resistance and good mechanical stability.
Applicable bearing: SB, SA, JB, CS series
▲ J type rubber seal is standard on SB,JB,CS series



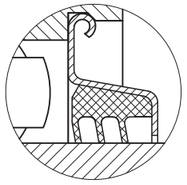
H type metal seal

Synthetic rubber is baked at the inside of steel plate and is fixed with the outer ring of bearing. The inner ring outer diameter contacts synthetic rubber reasonably so that the friction resistance will be lessened. The steel plate protects the rubber seal. This combined effect ensures the long service life even under considerably unfavorable conditions.
Applicable bearing: SA, SB, JA series
▲ H type metal seal is standard on SA,JA series



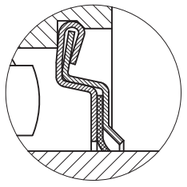
SL type Dual seal

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 ring outer diameter. Furthermore, the simultaneous revolution with inner ring generates the wind pressure for dust-proof property. This constitutes the ideal labyrinth, effective dust-proof property is thus guaranteed.
Applicable bearing: UC, HC, UK, UCX, SER, NC, ERC series
▲ SL type dual seal is standard on UC,HC,UK,UCX,SER series



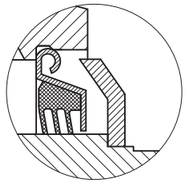
L_3 type Triple-lip seal

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 triple construction and the foreign matters such as dust, water etc are completely shut out. This sealing shows its outstanding performance under bad conditions.
Applicable bearing: UC,HC,UCX,SER,NC,ERC series



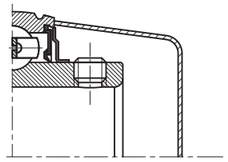
F type seal

F seal consists of inner steel plate, outer steel plate and a rubber washer, it is fixed in the outer ring groove, therefore, it will not be loose which may be caused by over grease or impact vibration during assembly.
Applicable bearing: UC,HC,UK,UCX,SA,SB,SER,NC,JA,JB,ERC series



Combined seal

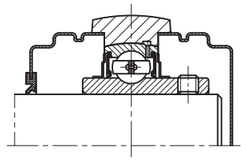
A protection shield or slinger is added base on triple lip seal, better seal performance is got for severe ambient conditions.



Bearing cover

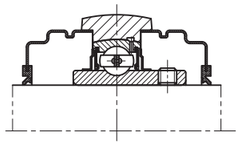
A cover is installed on the bearing outer ring outer diameter, it can protect the bearing seal under severe ambient conditions.

7.2 End-cover of Housing



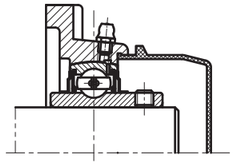
With closed press steel cover

Closed cover are installed on the housing, results in housing cover and bearing seal double sealing devices construction. This construction can guarantee bearing life even under severe ambient conditions.
Avoid touching rotation part to ensure security



With opened press steel covers

Opened covers are installed on the housing, results in housing cover and bearing seal double sealing devices construction. This construction can guarantee bearing life even under severe ambient conditions.
Avoid touching rotation part to ensure security



With closed plastic cover

Closed cover are installed on the housing, results in housing cover and bearing seal double sealing devices construction. This construction can guarantee bearing life even under severe ambient conditions.
Avoid touching rotation part to ensure security

8 HANDLING OF BALL BEARING UNITS

8.1 Bearing life

Even in bearings operating under normal conditions, the surfaces of the raceway and rolling elements are constantly being subjected to repeated compressive stresses which cause flaking of these surfaces to occur. This flaking is due to material fatigue and will cause the bearings to fail. The bearing life of a insert bearing is usually defined in terms of a insert bearing can undergo before flaking.

Some insert bearing failure is caused by seizing, abrasions, cracking, chipping, gnawing, rust etc, since these are caused by improper installation, insufficient or improper lubrication, faulty sealing or inaccurate bearing selection, they must be considered separately from bearing life.

8.1.1 Basic load rating and rated life

Basic load rating includes basic dynamic load rating and basic static load rating. The load applied to the insert bearing operating under a speedy rotating (n>10r/min) condition is defined as dynamic load C , while the load applied to the bearing operating under a static or slow oscillating and rotating (n≤10r/min) condition is defined as static load Co. Insert bearing is a kind of radial ball bearing, mainly take radial force. So, the basic load rating is radial basic dynamic load Cr and radial basic static load Cor.

Basic dynamic load rating Cr: the basic dynamic load rating is an expression of the load capacity of a bearing based on a constant load which the bearing can sustain for one million revolutions.

Basic static load rating Cor: the maximum applied radial load for contact stress occurring at the rolling element and raceway contact points.

——4600MPa for self aligning ball bearing
——4200MPa for radial ball bearing
——4000MPa for radial roller bearing

The load capacity of the bearing is expressed by the basic dynamic load rating and basic static load rating which is shown in the bearing dimension page.

Life: The life of a rolling bearing is defined as the total number of revolutions which the bearing is capable of enduring before the first evidence of fatigue flaking develops on any one of the rings or rolling elements.

Reliability: The reliability is the percentage of the bearing of a group of apparently identical bearings operating under identical conditions which can expect to attain or exceed a certain defined life. The reliability of an individual bearing is the probability of the bearing to attain or exceed a defined life.

Basic rating life: For a group of apparently identical rolling bearings operating under identical conditions, the basic rating life is defined as the total number of revolutions that 90% of the bearings can be expected to complete or exceed.

According to national standard GB/T6391-2003 (equaling to ISO281: 1990) , the basic rating life of radial ball bearing is calculated by following formula:

$$L_{10} = \left(\frac{Cr}{Pr}\right)^3$$

or $$\frac{Cr}{Pr} = L_{10}^{1/3}$$

Where: L_{10}: basic rating life(10^6 r)
C_r: basic dynamic load rating
P_r: equivalent dynamic load

Equivalent dynamic load P_r: the equivalent dynamic load is a constant load with a fixed direction under

which the bearing life is identical to that of the bearing operating under actual load.

For a insert bearing operating with a constant rotation speed, the basic rating life can be expressed in terms of hours of operation, and is calculated in following formula:

$$L_{10h} = \frac{10^6}{60n}\left(\frac{C}{P}\right)^3$$

or $$L_{10h} = \frac{10^6}{60n}L_{10}$$

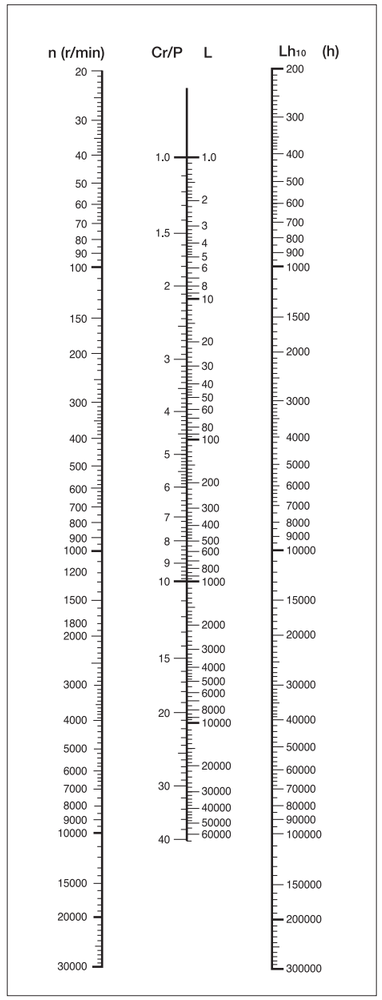
$$= \frac{16666}{n}\left(\frac{C}{P}\right)^3$$

Where: L_{10h} = basic rating life (hours)
n = bearing rotation speed (r/min)

If the bearing operates under indeterminate loads and rotation speed, the following formula should be applied when calculating bearing rating life:

$$P_m = \sqrt[3]{\frac{\int_0^N P^3 dN}{N}}$$

Where: P_m = mean equivalent dynamic load
P = equivalent dynamic load
N = total revolution numbers within one load changing cycle



8.1.2 Calculation method of equivalent dynamic load

The basic equivalent dynamic load is determined under a hypothetical condition. When calculating the bearing life, the actual load has to be converted into equivalent dynamic load which is in confirm with the load condition determining the equivalent dynamic load rating.

General equation for calculating the equivalent dynamic load:

P = XFr+YFa

Where P = equivalent dynamic load (N);
Fr = actual radial load (N)
Fa = actual axial load (N)
X = radial factor
Y = thrust factor

The axial load which insert bearing can carry is determined by the mounting method of the bearings on the shafts.

For the setscrews locking type or eccentric locking collar type bearings, if flexible shafts are applied and the setscrews are tightened enough, the axial load Fa which the bearing can carry must not surpass 20% of the radial load Fr.

For the adapter sleeve locking type bearing, if the nuts are properly tightened, the axial load Fa can be maximum 15%～20% of the radial load Fr.

The values of radial and thrust factors X and Y for insert bearings can be obtained from the following table:

Table27

$\frac{F_a}{C_O}$	$\frac{F_a}{F_r} \leqslant e$ p=F_r		C2			N			C3		
			$\frac{F_a}{F_r} > e$		e	$\frac{F_a}{F_r} > e$		e	$\frac{F_a}{F_r} > e$		e
	X	Y	X	Y		X	Y		X	Y	
0.025	1	0	0.56	2.0	0.22	0.46	1.75	0.31	0.44	1.42	0.40
0.040	1	0	0.56	1.8	0.24	0.46	0.62	0.33	0.44	1.36	0.42
0.070	1	0	0.56	1.6	0.27	0.46	1.46	0.36	0.44	1.27	0.44
0.130	1	0	0.56	1.4	0.31	0.46	1.30	0.41	0.44	1.16	0.48
0.250	1	0	0.56	1.2	0.37	0.46	1.14	0.46	0.44	1.05	0.53

When twist load is applied to the bearings, the equivalent dynamic bearing load is calculated by:

$P_m = f_m \cdot P$

Where: P_m = equivalent dynamic load when considering twist load
f_m = when twist load is big :f_m=2

When shocking load is applied, equivalent dynamic load can be calculated by:

$P_d = f_d \cdot P$

Where: P_d = equivalent dynamic load when considering shocking load (N)
f_m = shocking load factor; which is defined as follows:

When no shocking load or minor shocking load is applied:

f_d = 1～1.2

When adequate shocking load is applied:

f_d = 1.2～1.8

8.1.3 Adjusted rating life equation

Normally the basic rating life L10 can be applied to calculate the bearing rating life, the bearing life is with 90% reliability.

However, in some applications a bearing life over 90% reliability may be required, moreover, the effect of bearing quality and operation conditions are expected to take into consideration when calculating bearing life, the adjusted bearing life L_{nm} (n means failure rate,(100-n) means reliability) meet these requirements.

Bearing life Lnm, is adjusted bearing life under (100-n) % reliability、speicified bearing quality and operation conditions, it can be calculated by:

$L_{nm} = a_1 a_{xyz} L_{10}$

Life adjustment factor for reliability a_1 please refers to following table.

Life adjustment factor for reliability a_1

Table28

Reliability	L_{nm}	a_1
90	L_{10m}	1
95	L_{5m}	0.62
96	L_{4m}	0.53
97	L_{3m}	0.44
98	L_{2m}	0.33
99	L_{1m}	0.21

Life adjustment factor axyz include followings:

——material,
——lubrication,
——environment,
——Impurity particle,
——Internal stess,
——mounting,
——bearing load.

The bearing life is affected by any of above factors, so all factors must be taken into consideration when selecting bearing to avoid failure.

Please refer to national standard GB/T6391-2003 for bearing life calculating method.

8.1.4 Example of insert bearing selection

One ball bearing is to operate at at rotation speed of 800r/min, under only a radial load of Fr = 3000N, with a basic rating life of at least 30000 hours, select the bearing.

Solution 1:

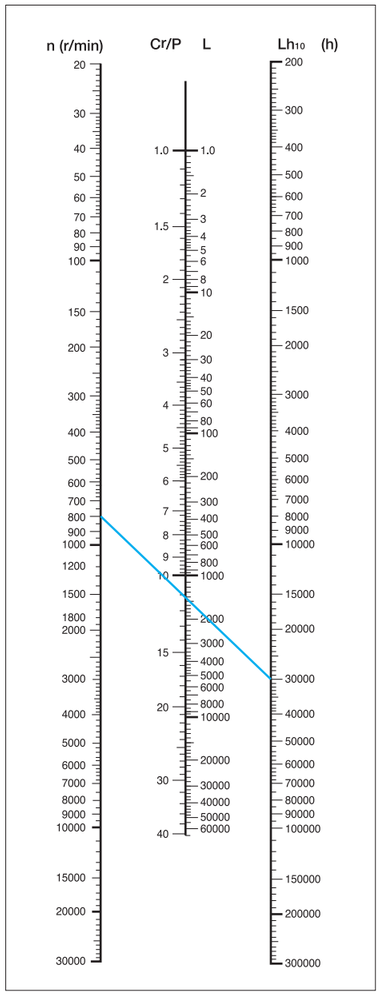
According to formula

$$L_{10h} = \frac{10^6}{60n} L_{10} = \frac{16666}{n}\left(\frac{C}{P}\right)^3$$

From L_{10h} = 30000 hours, rotation speed = 800r/m,
Under only a radial load, i.e. P = Fr = 3000N,
Therefore, C = 33877N.

Solution 2:

By connecting n(800r/m) and the required basic rating life L_{10h} (30000hours) with a straight line on the fig,it can be found that C/P value is 11.3, C/P = 11.3, P = Fr = 3000N, thus the required basic dynamic load rating is C = 33900N



8.2 Selection of ball bearing units

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

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

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

1. Size and nature of the working load.
2. Desirable minimum expected service life.
3. Operating speed of the shaft.
4. Bearing number and parallel application arrangement on the shaft in question.
5. Available space for assembling and disassembling work.
6. Appearance at the place to be used.
7. Gas generation and dust condition at the installation place.

8. Ambient temperature at the installation place.
9. Machining precision of the facility, to which the bearing is applied.
10. Maintenance and control, including the lubrication system.

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

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

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

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

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

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

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

8.3 Selection of Shafts

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

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

Table29
Unit = 0.001mm

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

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

The bearing can be also installed to the shaft by use of the adapter assembly. This is convenient method that can be used as the intermediate bearing of relatively long shaft or a slight difference is found at the

shaft dimension. In this method, the bearing inner diameter makes 1:12 taper and the corresponding tapered adapter sleeve is applied, followed by nut tightening:

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

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

Table30
unit = 0.001mm

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

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

Table31
unit = 0.001mm

Deviation of tolerance in shafting					
Shaft Diameter (mm)		for short shaft		for long shaft	
		symbol h 9		symbol h 10	
over	incl.	max.	min.	max	min.
10	18	0	-43	0	-70
18	30	0	-52	0	-84
30	50	0	-62	0	-100
50	80	0	-74	0	-120
80	120	0	-87	0	-140
120	180	0	-100	0	-160

8.4 Limiting speed

The limiting speed of ball bearing units are mainly determined by the fit between the bearings and the shafts. Normally, clearance fit is used between setscrews type and eccentric collar type bearing units and shafts, then h7 shaft tolerance is selected. h8 or h9 tolerance is applied for light load and slow speed application. And tighter j7 tolerance is applied for heavy load and high speed. The shaft applied to the adapter sleeve bearing is h9 with IT5 class tolerances.

The speed ratings for insert bearing of CS200-2RS series are the same as deep groove ball bearings which are shown in following table.

The limiting speeds for the ball bearing units with different fits are shown in following table.

Table32
r/m

d (mm)	200 Series				300 Series				CS200–2RS
	Shaft tolerance				Shaft tolerance				
	JS7(h9/IT5)	h7	h8	h9	JS7(h9/IT5)	h7	h8	h9	
12	6700	5300	3800	1400	--	--	--	--	--
15	6700	5300	3800	1400	--	--	--	--	11000
17	6700	5300	3800	1400	--	--	--	--	10000
20	6000	4800	3400	1200	--	--	--	--	9000
25	5600	4000	3000	1000	5000	3600	2600	900	8000
30	4500	3400	2400	850	4300	3000	2200	800	6700
35	4000	3000	2000	750	3800	2800	2000	700	6000
40	3600	2600	1900	670	3400	2400	1700	630	5600
45	3200	2400	1700	600	3000	2200	1500	560	5000
50	3000	2200	1600	560	2600	2000	1400	500	4800
55	2600	2000	1400	500	2400	1800	1300	450	--
60	2400	1800	1200	450	2200	1700	1100	430	--

Table33

d (mm)	200 Series				300 Series				CS200–2RS
	Shaft tolerance				Shaft tolerance				
	JS7(h9/IT5)	h7	h8	h9	JS7(h9/IT5)	h7	h8	h9	
65	2200	1700	1100	430	2000	1500	1100	400	--
70	2200	1600	1100	400	1900	1400	1000	360	--
75	2000	1500	1000	380	1800	1300	900	340	--
80	1900	1400	950	340	1700	1200	850	320	--
85	1800	1300	900	320	1600	1100	800	300	--
90	1700	1200	800	300	1500	1100	750	280	--
95	--	--	--	--	1400	1000	700	260	--
100	--	--	--	--	1300	950	670	240	--
105	--	--	--	--	1200	900	630	220	--
110	--	--	--	--	1200	800	600	200	--
120	--	--	--	--	1100	750	530	190	--
130	--	--	--	--	1000	670	480	180	--
140	--	--	---	--	900	600	430	160	--

Note: 1. The JS7(h9/IT5) column fit for adapter sleeve type ball bearing units, and the rest j7～h9 column fit for the setscrews type and eccentric locking collar type ball bearing units.

2. Above table data is reference for J type seal, H type seal, SL type dual seal, F type seal products only.

9 MOUNTING OF BALL BEARING UNITS

9.1 Setscrew method

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

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

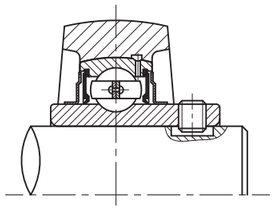
Installation to the shaft can be sufficiently made, if the grub screws are tightened by application of the tightening torque as shown in the following table.

Proper tightening torque of setscrews

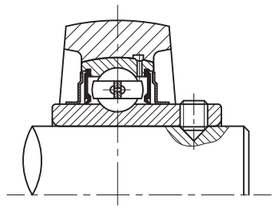
Table34

Setscrew (mm)	Tightening torque (N-M) (max)	Setscrew (inch)	Tightening torque (lbf-inch) (max)
M5x0.8	3.4	10-32UNF	30
M6x1.0	5.4	1/4-28UNF	48
M8x1.0	11.3	5/16-24UNF	100
M10x1.0	21.6	3/8-24UNF	192
M12x1.5	32.4	7/16-20UNF	210
M14x1.5	41.2	1/2-20UNF	287
M16x1.5	62.8	9/16-18UNF	365
M18x1.5	73.4	5/8-18UNF	556
M20x1.5	117.7		

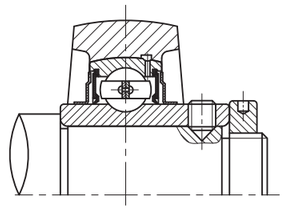
In case either the vibration is caused to the insert bearing, the reciprocal movement takes place,the load charged on the insert bearing is large, or the shaft revolution speed is rapid, then it is desired to provide with the filed seat or concave section at the part where the setscrews with the shaft.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



File the shaft surface where the setscrews are positioned.



Make the concave section at the shaft surface where the set-screws are positioned.



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

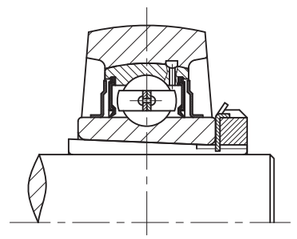
9.2 Adapter assembly method

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

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

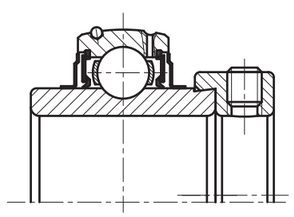
After the nut is tightened, bend the shake proof washer within the slot. If not, the nut may be loosened and the creep may be caused between the shaft and sleeve.

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



9.3 Eccentric Locking Collar Method

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



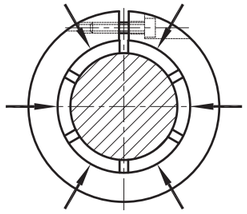
In the normal hexagonal hollow setscrew or adapter assembly case, the shaft and inner ring are simply locked. Different from such a method, the revolving force of shaft is utilized as the tightening force in this case.

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

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

9.4 Concentric Locking Collar Method

The concentric locking collar, with a single standard hex head cap screw and relief slot, provides great holding power. The collar, installed over the slotted inner ring, locks the bearing on the shaft concentrically without marring or burring and provides a 360 degrees clamping force to the shaft. The roundness of ball path on concentric locking bearings results in better operation and longer life. Concentric locking bearings can replace either setscrew or eccentric locking collar bearings.

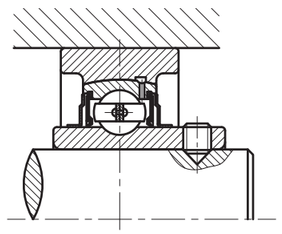


360°LOCKING

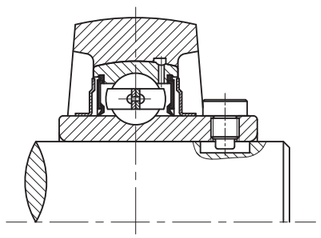
9.5 Axial movement due to expansion and shrinkage

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

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



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



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

9.6 Mounting of the housing

It is desired to install the unit in the order of mounting housing firstly, and then mounting the shaft and bearing. The bearing unit can be installed in principle at any place in an easy way. However:

A. The mounting surface must be sufficiently rigid, the surface on which the housing is mounted should be as flat as possible, normally the requested flatness is 0.10-0.15mm or less.

B. It is desirable that the angle between the surface on which the pillow block or flange unit housing is mounted and the shaft be maintained to a tolerance less than ±2°. When the housing is installed with a open cover, the tolerance should be less than ±1°.

C. Cartridge unit is installed on the cylindrical hole of body as a free-end. H7 tolerance is applied for normal operation conditions. When working temperature is too high, G7 tolerance is suggested. If shocking load is applied, then special tolerance is necessary to be used. Please refer to following table:

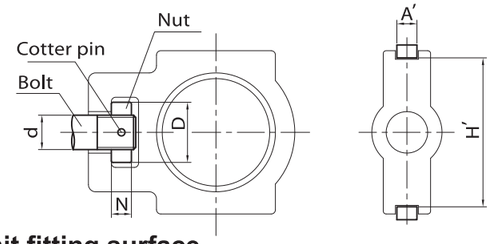
Table35

Unit = 0.001mm

Diameter/mm		Tolerance of dimension		
Over	Incl.	H7	Special tolerance	G7
50	80	+30～0	+25～0	+40～+10
80	120	+35～0	+29～0	+47～+12
120	180	+40～0	+33～0	+54～+14
180	250	+46～0	+38～0	+61～+15
250	315	+52～0	+42～0	+69～+17
315	400	+57～0	+47～0	+75～+18

D. Take up unit is installed on parallel guide rails, the housing moves on the guide rails by adjusting bolt to adjust distance to shaft center.

Mounting dimension and tolerance of take up unit.



Tolerance of take up unit fitting surface

Unit = 0.001mm

Table36

Housing No.	H′ ± 0.5	A′	d	D	N	Housing No.	H′ ± 0.5	A′	d	D	N
T204	77	11	16	28	12	ST204	77	12.5	16	28	12
T205	77	11	16	28	12	ST205	77	12.5	16	28	12
T206	90	11	18	32	12	ST206	90	12.5	18	32	12
T207	90	11	18	32	12	ST207	90	12.5	18	32	12
T208	103	15	24	42	14	ST208	103	16.5	24	42	14
T209	103	15	24	42	14	ST209	103	16.5	24	42	14
T210	103	15	24	42	14	ST210	103	16.5	24	42	14
T211	131	20	30	56	20	ST211	131	25	30	56	20
T212	131	20	30	56	26	ST212	131	25	30	56	26
T213	152	24	36	60	26						
T214	152	24	36	60	26						
T215	152	24	36	60	26						
T216	167	24	36	60	26						
T217	175	28	42	65	30						

9.7 Maintenance of bearing unit

9.7.1 After mounting the bearing unit, check that it has been done correctly:

A. Turn the shaft by hand to make certain that it rotates smoothly.

B. Run the machine at low speed under 0 load, check there are no abnormalities.

C. Run the machine at normal operation conditions, check working temperature rising trend and stable working temperature.

Main abnormalities and causes in bearing unit test running:

Table37

Abnormalities	Causes
Too high torque, Rotation torque is unstable	① Bad mounting, pre–tightening force is applied on the bearing at axial direction ② Seal contacts with flinger ③ Too small internal clearance.
Abnormal noise Abnormal vibration	① Setscrews on bearing or bolts on housing are not firmly tightened ② Too big internal clearance ③ Shaft is bent ④ Low shaft accuracy ⑤ Mounting surface is not flat and rigid
Abnormal temperature rising	① Too small internal clearance. ② Bad mounting, pre–tightening force is applied on the bearing at axial direction ③ Too heavy load ④ Exceed limiting speed ⑤ Mounting surface is not flat ⑥ Seal contacts with flinger

9.7.2 Inspection during operation

In order to have the long service life, it is necessary to inspect the bearing units regularly during operation. While the interval between inspections varies from case to case, according to the degree of importance and the rate of operation, it is usually some time between two weeks and a month. Main regular inspections:

A. Bolt B. Setscrews C. Noise or vibration D. Working temperature E. Relubrication

Main abnormalities and causes in bearing unit regular inspection

Table38

Abnormalities	Causes
Too high torque	①Grease degradation ②Too much grease, seal contacts with flinger ③Deformated flinger contacts with seal ④Abnormal load
Abnormal noise Abnormal vibration	①Setscrews or bolt loose ②Wear of contact surface between shaft and inner ring ③Foreign matter invade into bearing ④Fatigue of bearing raceway ⑤Indentation on bearing raceway ⑥Shaft is bent
Abnormal temperature rising	①Grease degradation ②Too much grease, seal contacts with flinger ③Deformated flinger contacts with seal ④Setscrews loose ⑤Abnormal load ⑥Fatigue of bearing raceway

10 MOUNTED UNITS NUMBERING SYSTEM

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

Table39

First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth	Tenth	Eleventh	Twelfth
Bearing Material	Bearing O.D. Modification	Bearing Insert Type	Housing Type	Basic Bearing Series	Housing Material	Shaft Size in 1/16" for Inch Type Bearings	Special Seals	Relube Type When Non-Standard	Snap Ring	Internal Clearance	Max operating temperature
		UC	P	210	D	- 31	L3				
SS	C	SB		205		- 16		G	NR	C_4	HT20

FK PREFIXES

C..... Cylindrical O.D. on Bearing

SS..... 440C Stainless Steel Material

FK SUFFIXES

B-MN..... Housing with back groove for fiting back seal

BO..... Bearing with Black Oxid.

C_1..... With an Open Type Pressed Steel End-cover&Rubber Seal.

D_1..... With a Close Type Pressed Steel End-cover

FH..... Housing with Special Dimension of Fixed Bore

HT20.....High temperature operating + 200℃

MN.....Housing with groove for fitting End-cover.

NC.....No collar on SA or HC type, or Nylon coated Set Screw if SB; UC or SER types.

Q..... Ductile iron housing

S.....Solid base housing

WB.....Without anti-Rotation Ball

ZP.....Bearing with Zinc Plated

EXAMPLES

UC P 205 – 16

1. Bearing Insert Type
   Housing Type
   Basic Bearing Series
   Bearing Shaft Size in 1/16 of an inch

UC 205-16 C_4 HT20

2. Bearing Insert Type
   Basic Bearing Series
   Bearing Shaft Size in 1/16 of an inch
   Bearing Clearance and extra loose
   Operating high temperature +200℃

SS-SB 205-16 G

3. Bearing Raw Material
   Stainless Steel AISI 440C
   Basic Insert Type
   Basic Bearing Series
   Bearing Shaft Slze in 1/16 of an inch
   Relubrication Groove and Holes

Special Seals

L_3.....Triple Lip Seal

F..... F Type Seal

Relubrication

Blank..... Standard feature (See footnote 1 and 2)

N ..... Non-relube housing

G ..... Relubrication Groove and Holes

Snap ring

N ..... Groove Without Ring

NR .....Groove With Ring

Internal Clearance

Blank (CN) .... Standard

C_2 ..... Tight

C_4 ..... Loose

C_5 ..... Extra Loose

NOTES:

1.UC, HC, UCX,NC and SER type inserts are relubricatable as standard; no "G" suffix is required.

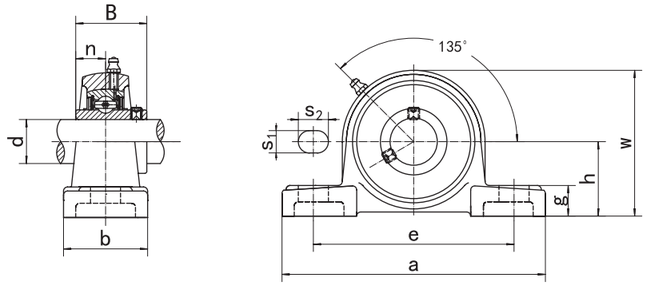
2.SA, SB, JA,JB type inserts are non–relubricatable as standard. To specify as relubricatable type, add "G" suffix (e.g., SA205–16G).

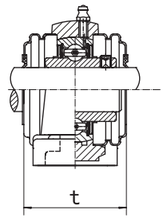
3.As there is only one metric bore size per basic bearing series, no shaft size specification is necessary (e.g., UC205 Indicates 25 mm bore).

TYPE OF FK BALL BEARING UNITS AND BEARINGS

Pillow Blocks

UCP2 (Normal-duty)



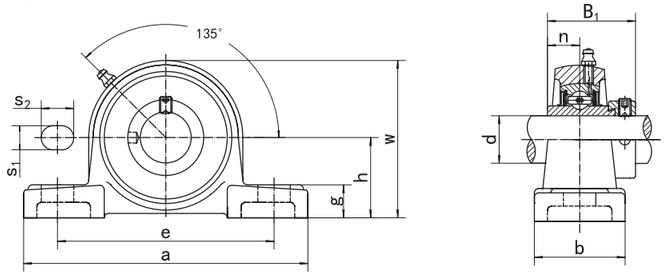


UCP-C1(D1)

Unit NO.	Dimensions (mm / in.) d	h	a	e	b	s_1	s_2	g	w	t	B	n	Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
UCP201	12	30.2	127	95	38	13	19	14	62	44.5	31	12.7	M10	UC201	P201	0.65
201-8	1/2	1-3/16	5	3-3/4	1-1/2	1/2	3/4	9/16	2-7/16	1-3/4	1.2205	0.500	3/8	UC201-8		0.64
UCP202	15	30.2	127	95	38	13	19	14	62	44.5	31	12.7	M10	UC202	P202	0.64
202-9	9/16	1-3/16	5	3-3/4	1-1/2	1/2	3/4	9/16	2-7/16	1-3/4	1.2205	0.500	3/8	UC202-9		0.64
202-10	5/8													UC202-10		0.64
UCP203	17	30.2	127	95	38	13	19	14	62	44.5	31	12.7	M10	UC203	P203	0.63
203-11	11/16	1-3/16	5	3-3/4	1-1/2	1/2	3/4	9/16	2-7/16	1-3/4	1.2205	0.500	3/8	UC203-11		0.62
UCP204	20	33.3	127	95	38	13	19	14	65	44.5	31.0	12.7	M10	UC204	P204	0.64
204-12	3/4	1-5/16	5	3-3/4	1-1/2	1/2	3/4	9/16	2-9/16	1-3/4	1.2205	0.500	3/8	UC204-12		0.64
UCP205	25	36.5	140	105	38	13	19	15	71	48	34.1	14.3	M10	UC205	P205	0.76
205-13	13/16	1-7/16	5-1/2	4-1/8	1-1/2	1/2	3/4	19/32	2-25/32	1-57/64	1.3425	0.563	3/8	UC205-13		0.80
205-14	7/8													UC205-14		0.79
205-15	15/16													UC205-15		0.77
205-16	1													UC205-16		0.76
UCP206	30	42.9	160	121	44	17	20	17	84	53	38.1	15.9	M14	UC206	P206	1.20
206-17	1-1/16	1-11/16	6-19/64	4-3/4	1-47/64	43/64	25/32	21/32	3-5/16	2-5/64	1.5000	0.626	1/2	UC206-17		1.21
206-18	1-1/8													UC206-18		1.22
206-19	1-3/16													UC206-19		1.20
206-20	1-1/4													UC206-20		1.19
UCP207	35	47.6	167	127	48	17	20	18	93	59.5	42.9	17.5	M14	UC207	P207	1.46
207-20	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		1.53
207-21	1-5/16													UC207-21		1.50
207-22	1-3/8													UC207-22		1.47
207-23	1-7/16													UC207-23		1.44
UCP208	40	49.2	184	137	54	17	20	18	100	69	49.2	19	M14	UC208	P208	1.86
208-24	1-1/2	1-15/16	7-1/4	5-13/32	2-1/8	43/64	25/32	45/64	3-15/16	2-23/32	1.9370	0.748	1/2	UC208-24		1.90
208-25	1-9/16													UC208-25		1.87
UCP209	45	54.0	190	146	54	17	20	20	106	69	49.2	19	M14	UC209	P209	2.06
209-26	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		2.16
209-27	1-11/16													UC209-27		2.12
209-28	1-3/4													UC209-28		2.08
UCP210	50	57.2	206	159	60	20	23	21	113	74.5	51.6	19.0	M16	UC210	P210	2.61
210-29	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		2.73
210-30	1-7/8													UC210-30		2.68
210-31	1-15/16													UC210-31		2.63
210-32	2													UC210-32		2.59
UCP211	55	63.5	219	171	60	20	23	23	125	76	55.6	22.2	M16	UC211	P211	3.23
211-32	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		3.38
211-33	2-1/16													UC211-33		3.32
211-34	2-1/8													UC211-34		3.28
211-35	2-3/16													UC211-35		3.21
UCP212	60	69.8	241	184	70	20	23	25	138	89	65.1	25.4	M16	UC212	P212	4.40
212-36	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		4.57
212-37	2-5/16													UC212-37		4.49
212-38	2-3/8													UC212-38		4.42
212-39	2-7/16													UC212-39		4.35
UCP213	65	76.2	265	203	70	25	28	27	150	89	65.1	25.4	M20	UC213	P213	5.35
213-40	2-1/2	3	10-7/16	8	2-3/4	63/64	1-3/32	1-1/16	5-29/32	3-1/2	2.5630	1.000	3/4	UC213-40		5.44
213-41	2-9/16													UC213-41		5.35
UCP214	70	79.4	266	210	72	25	28	27	156	98	74.6	30.2	M20	UC214	P214	5.86
214-42	2-5/8	3-1/8	10-15/32	8-17/64	2-27/32	63/64	1-3/32	1-1/16	6-9/64	3-55/64	2.9370	1.189	3/4	UC214-42		6.07
214-43	2-11/16													UC214-43		5.97
214-44	2-3/4													UC214-44		5.87
UCP215	75	82.6	275	217	74	25	28	28	162	99	77.8	33.3	M20	UC215	P215	6.45
215-45	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	3-57/64	3.0630	1.311	3/4	UC215-45		6.45
215-46	2-7/8													UC215-46		6.70
215-47	2-15/16													UC215-47		6.59
215-48	3													UC215-48		6.39
UCP216	80	88.9	292	232	78	25	28	30	174	109	82.6	33.3	M20	UC216	P216	7.86
216-49	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	4-19/64	3.2520	1.311	3/4	UC216-49		8.04
216-50	3-1/8													UC216-50		7.91
216-51	3-3/16													UC216-51		7.78
UCP217	85	95.2	310	247	83	25	28	32	185	113.2	85.7	34.1	M20	UC217	P217	9.56
217-52	3-1/4	3-3/4	12-13/64	9-23/32	3-17/64	63/64	1-3/32	1-1/4	7-9/32	4-29/64	3.3740	1.343	3/4	UC217-52		9.68
217-53	3-5/16													UC217-53		9.64
217-55	3-7/16													UC217-55		9.35
UCP218	90	101.6	327	262	88	27	30	33	198	123	96.0	39.7	M22	UC218	P218	11.59
218-56	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	4-27/32	3.7795	1.5630	7/8	UC218-56		11.70
UCP220	100	115.0	380	308	95	30	36	40	225		108.0	42.0	M24	UC220	P220	16.00
220-64	4	4-17/32	14-61/64	12-1/8	3-47/64	1-3/16	1-27/64	1-37/64	8-55/64		4.2520	1.6535	15/16	UC220-64		

HCP2 (Normal-duty)

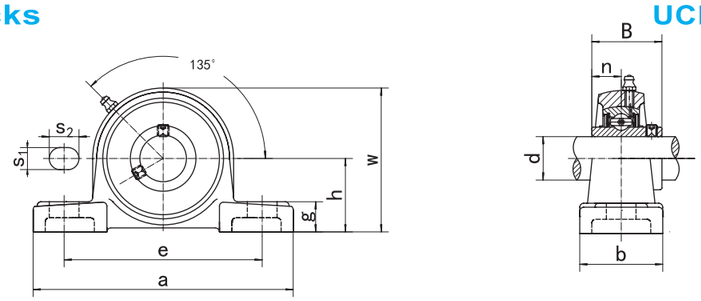
Pillow Blocks



Unit NO.	Dimensions (mm / in.)											Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	s1	s2	g	w	B1	n				
HCP204	20	33.3	127	95	38	13	19	14	65	43.7	17.1	M10	HC204	P204	0.70
204-12	3/4	1-5/16	5	3-3/4	1-1/2	1/2	3/4	9/16	2-9/16	1.720	0.673	3/8	HC204-12		0.70
HCP205	25	36.5	140	105	38	13	19	15	71	44.4	17.5	M10	HC205	P205	0.81
205-13	13/16												HC205-13		0.86
205-14	7/8	1-7/16	5-1/2	4-1/8	1-1/2	1/2	3/4	19/32	2-25/32	1.748	0.689	3/8	HC205-14		0.85
205-15	15/16												HC205-15		0.83
205-16	1												HC205-16		0.81
HCP206	30	42.9	160	121	44	17	20	17	84	48.4	18.3	M14	HC206	P206	1.27
206-17	1-1/16												HC206-17		1.32
206-18	1-1/8	1-11/16	6-19/64	4-3/4	1-47/64	43/64	25/32	21/32	3-5/16	1.906	0.720	1/2	HC206-18		1.29
206-19	1-3/16												HC206-19		1.27
206-20	1-1/4												HC206-20		1.24
HCP207	35	47.6	167	127	48	17	20	18	93	51.1	18.8	M14	HC207	P207	1.60
207-20	1-1/4												HC207-20		1.67
207-21	1-5/16	1-7/8	6-9/16	5	1-7/8	43/64	25/32	45/64	3-21/32	2.012	0.740	1/2	HC207-21		1.63
207-22	1-3/8												HC207-22		1.60
207-23	1-7/16												HC207-23		1.58
HCP208	40	49.2	184	137	54	17	20	18	100	56.3	21.4	M14	HC208	P208	1.99
208-24	1-1/2	1-15/16	7-1/4	5-13/32	2-1/8	43/64	25/32	45/64	3-15/16	2.217	0.843	1/2	HC208-24		2.04
208-25	1-9/16												HC208-25		2.00
HCP209	45	54.0	190	146	54	17	20	20	106	56.3	21.4	M14	HC209	P209	2.19
209-26	1-5/8												HC209-26		2.30
209-27	1-11/16	2-1/8	7-15/32	5-3/4	2-1/8	43/64	25/32	25/32	4-11/64	2.217	0.843	1/2	HC209-27		2.25
209-28	1-3/4												HC209-28		2.21
HCP210	50	57.2	206	159	60	20	23	21	113	62.7	24.6	M16	HC210	P210	2.80
210-29	1-13/16												HC210-29		2.95
210-30	1-7/8	2-1/4	8-1/8	6-1/4	2-3/8	25/32	29/32	53/64	4-29/64	2.469	0.969	5/8	HC210-30		2.89
210-31	1-15/16												HC210-31		2.83
210-32	2												HC210-32		2.77
HCP211	55	63.5	219	171	60	20	23	23	125	71.4	27.8	M16	HC211	P211	3.50
211-32	2												HC211-32		3.80
211-33	2-1/16	2-1/2	8-5/8	6-47/64	2-3/8	25/32	29/32	29/32	4-59/64	2.811	1.094	5/8	HC211-33		3.62
211-34	2-1/8												HC211-34		3.55
211-35	2-3/16												HC211-35		3.47
HCP212	60	69.8	241	184	70	20	23	25	138	77.8	31.0	M16	HC212	P212	4.76
212-36	2-1/4												HC212-36		4.78
212-37	2-5/16	2-3/4	9-1/2	7-1/4	2-3/4	25/32	29/32	63/64	5-7/16	3.063	1.22	5/8	HC212-37		4.83
212-38	2-3/8												HC212-38		4.76
212-39	2-7/16												HC212-39		4.75
HCP213	65	76.2	265	203	70	25	28	27	150	85.7	34.1	M20	HC213	P213	5.89
213-40	2-1/2	3	10-7/16	8	2-3/4	63/64	1-3/32	1-1/16	5-29/32	3.374	1.343	3/4	HC213-40		6.00
213-41	2-9/16												HC213-41		5.88
HCP214	70	79.4	266	210	72	25	28	27	156	85.7	34.1	M20	HC214	P214	6.27
214-42	2-5/8												HC214-42		6.21
214-43	2-11/16	3-1/8	10-15/32	8-17/64	2-27/32	63/64	1-3/32	1-1/16	6-9/64	3.374	1.343	3/4	HC214-43		6.40
214-44	2-3/4												HC214-44		6.28
HCP215	75	82.6	275	217	74	25	28	28	162	92.1	37.3	M20	HC215	P215	6.93
215-45	2-13/16												HC215-45		7.23
215-46	2-7/8	3-1/4	10-53/64	8-35/64	2-29/32	63/64	1-3/32	1-3/32	6-3/8	3.626	1.469	3/4	HC215-46		7.10
215-47	2-15/16												HC215-47		6.97
215-48	3												HC215-48		6.83
HCP216	80	88.9	292	232	78	25	28	30	174	95.2	37.3	M20	HC216	P216	8.54
216-49	3-1/16												HC216-49		8.74
216-50	3-1/8	3-1/2	11-1/2	9-1/8	3-1/16	63/64	1-3/32	1-3/16	6-27/32	3.748	1.469	3/4	HC216-50		8.60
216-51	3-3/16												HC216-51		8.45
HCP217	85	95.2	310	247	83	25	28	32	185	73.8	23.4	M20	HC217	P217	9.81
217-52	3-1/4												HC217-52		10.00
217-53	3-5/16	3-3/4	12-13/64	9-23/32	3-17/64	63/64	1-3/32	1-1/4	7-9/32	2.906	0.921	3/4	HC217-53		9.88
217-55	3-7/16												HC217-55		9.63
HCP218	90	101.6	327	262	88	27	30	33	198	72.6	24.5	M22	HC218	P218	11.41
218-56	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	2.858	0.965	7/8	HC218-56		11.50

Pillow Blocks

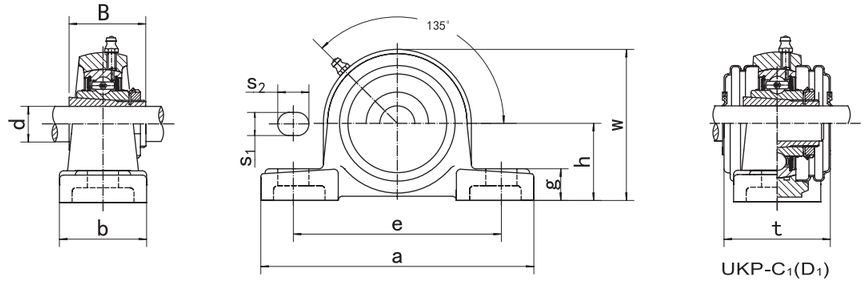
UCLP2 (Normal-duty)



Unit NO.	Dimensions (mm / in.)											Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	s1	s2	g	w	B	n				
UCLP201	12	31.75	127	95	38	13	16	14	64	31	12.7	M10	UC201	LP201	0.69
201-8	1/2	1-1/4	5	3-3/4	1-1/2	1/2	5/8	9/16	2-33/64	1.2205	0.500	3/8	UC201-8		0.68
UCLP202	15	31.75	127	95	38	13	16	14	64	31	12.7	M10	UC202	LP202	0.68
202-9	9/16												UC202-9		0.68
202-10	5/8	1-1/4	5	3-3/4	1-1/2	1/2	5/8	9/16	2-33/64	1.2205	0.500	3/8	UC202-10		0.68
UCLP203	17	31.75	127	95	38	13	16	14	64	31	12.7	M10	UC203	LP203	0.67
203-11	11/16	1-1/4	5	3-3/4	1-1/2	1/2	5/8	9/16	2-33/64	1.2205	0.500	3/8	UC203-11		0.66
UCLP204	20	31.75	127	95	38	13	16	14	64	31	12.7	M10	UC204	LP204	0.65
204-12	3/4	1-1/4	5	3-3/4	1-1/2	1/2	5/8	9/16	2-33/64	1.2205	0.500	3/8	UC204-12		0.65
UCLP205	25	33.34	140	105	38	13	16	15	68	34.1	14.3	M10	UC205	LP205	0.74
205-13	13/16												UC205-13		0.78
205-14	7/8	1-5/16	5-1/2	4-1/8	1-1/2	1/2	5/8	19/32	2-43/64	1.3425	0.563	3/8	UC205-14		0.77
205-15	15/16												UC205-15		0.75
205-16	1												UC205-16		0.74
UCLP206	30	39.69	160	121	44	17	20	17	80	38.1	15.9	M14	UC206	LP206	1.11
206-17	1-1/16												UC206-17		1.12
206-18	1-1/8	1-9/16	6-19/64	4-3/4	1-47/64	43/64	25/32	21/32	3-5/32	1.5000	0.626	1/2	UC206-18		1.13
206-19	1-3/16												UC206-19		1.11
206-20	1-1/4												UC206-20		1.10
UCLP207	35	46.04	167	127	48	17	20	18	91	42.9	17.5	M14	UC207	LP207	1.42
207-20	1-1/4												UC207-20		1.48
207-21	1-5/16	1-13/16	6-9/16	5	1-7/8	43/64	25/32	45/64	3-37/64	1.6890	0.689	1/2	UC207-21		1.45
207-22	1-3/8												UC207-22		1.42
207-23	1-7/16												UC207-23		1.39
UCLP208	40	49.2	184	137	54	17	20	18	100	49.2	19	M14	UC208	LP208	1.87
208-24	1-1/2	1-15/16	7-1/4	5-13/32	2-1/8	43/64	25/32	45/64	3-15/16	1.9370	0.748	1/2	UC208-24		1.91
208-25	1-9/16												UC208-25		1.88
UCLP209	45	52.39	190	146	54	17	20	20	104	49.2	19	M14	UC209	LP209	2.03
209-26	1-5/8												UC209-26		2.13
209-27	1-11/16	2-1/16	7-15/32	5-3/4	2-1/8	43/64	25/32	25/32	4-3/32	1.9370	0.748	1/2	UC209-27		2.09
209-28	1-3/4												UC209-28		2.05
UCLP210	50	55.56	206	159	60	20	23	21	112	51.6	19.0	M16	UC210	LP210	2.60
210-29	1-13/16												UC210-29		2.72
210-30	1-7/8	2-3/16	8-1/8	6-1/4	2-3/8	25/32	29/32	53/64	4-13/32	2.0315	0.748	5/8	UC210-30		2.67
210-31	1-15/16												UC210-31		2.62
210-32	2												UC210-32		2.58
UCLP211	55	61.91	219	171	60	20	23	23	124	55.6	22.2	M16	UC211	LP211	3.22
211-32	2												UC211-32		3.37
211-33	2-1/16	2-7/16	8-5/8	6-47/64	2-3/8	25/32	29/32	29/32	4-7/8	2.1890	0.874	5/8	UC211-33		3.31
211-34	2-1/8												UC211-34		3.27
211-35	2-3/16												UC211-35		3.20
UCLP212	60	68.26	241	184	70	20	23	25	136	65.1	25.4	M16	UC212	LP212	4.39
212-36	2-1/4												UC212-36		4.52
212-37	2-5/16	2-11/16	9-1/2	7-1/4	2-3/4	25/32	29/32	63/64	5-23/64	2.5630	1.000	5/8	UC212-37		4.44
212-38	2-3/8												UC212-38		4.37
212-39	2-7/16												UC212-39		4.30

UKP2 (Normal-duty)

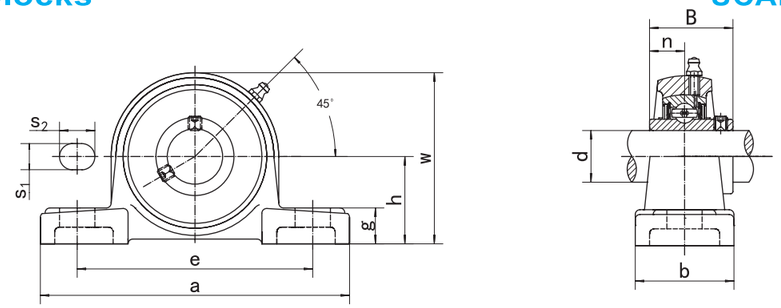
Pillow Blocks



Unit NO.	Dimensions (mm / in.)											Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	S1	S2	g	w	t	B				
UKP205;H2305	20	36.5	140	105	38	13	19	15	71	48	35	M10	UK205;H2305	P205	0.81
205;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	160	121	44	17	20	17	84	53	38	M14	UK206;H2306	P206	1.26
206;HS2306	7/8	1-11/16	6-19/64	4-3/4	1-47/64	43/64	25/32	43/64	3-5/16	2-5/64	1.496	1/2	UK206;HS2306		
206;HE2306	1												UK206;HE2306		
UKP207;H2307	30	47.6	167	127	48	17	20	18	93	59.5	43	M14	UK207;H2307	P207	1.53
207;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	1.93
208;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		
208;HS2308	1-3/8												UK208;HS2308		
UKP209;H2309	40	54.0	190	146	54	17	20	20	106	69	50	M14	UK209;H2309	P209	2.18
209;HA2309	1-7/16												UK209;HA2309		
209;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		
209;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	2.78
210;HS2310	1-5/8												UK210;HS2310		
210;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		
210;HE2310	1-3/4												UK210;HE2310		
UKP211;H2311	50	63.5	219	171	60	20	23	23	125	76	59	M16	UK211;H2311	P211	3.39
211;HS2311	1-7/8												UK211;HS2311		
211;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		
211;HE2311	2												UK211;HE2311		
UKP212;H2312	55	69.8	241	184	70	20	23	25	138	89	62	M16	UK212;H2312	P212	4.52
212;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	5.47
213;HA2313	2-3/16												UK213;HA2313		
213;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		
213;HS2313	2-3/8												UK213;HS2313		
UKP215;H2315	65	82.6	275	217	74	25	28	28	162	99	73	M20	UK215;H2315	P215	6.84
215;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	3-57/64	2.874	3/4	UK215;HA2315		
215;HE2315	2-1/2												UK215;HE2315		
UKP216;H2316	70	88.9	292	232	78	25	28	30	174	109	78	M20	UK216;H2316	P216	8.29
216;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	4-19/64	3.071	3/4	UK216;HA2316		
216;HE2316	2-3/4												UK216;HE2316		
UKP217;H2317	75	95.2	310	247	83	25	28	32	185	113.2	82	M20	UK217;H2317	P217	9.97
217;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	4-29/64	3.228	3/4	UK217;HA2317		
217;HE2317	3												UK217;HE2317		
UKP218;H2318	80	101.6	327	262	88	27	30	33	198	123	86	M22	UK218;H2318	P218	11.89
218;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	4-27/32	3.386	7/8	UK218;HA2318		

Pillow Blocks

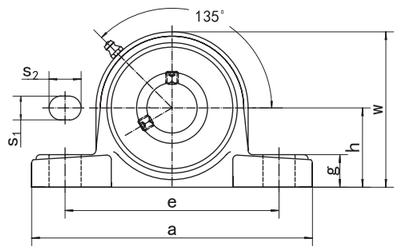
UCAK2 (Normal-duty)

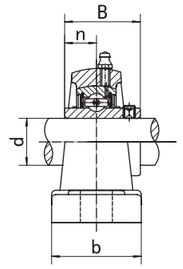


Unit NO.	Dimensions (mm / in.)											Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	S1	S2	g	w	B	n				
UCAK204	20	31.75	133	98	41	13	16	14	64	31	12.7	M10	UC204	AK204	0.74
204-12	3/4	1-1/4	5-15/64	3-55/64	1-5/8	1/2	5/8	9/16	2-33/64	1.2205	0.500	3/8	UC204-12		0.74
UCAK205	25	33.34	140	105	44	13	16	16	68	34.1	14.3	M10	UC205	AK205	0.88
205-13	13/16												UC205-13		0.92
205-14	7/8	1-5/16	5-33/64	4-9/64	1-47/64	1/2	5/8	5/8	2-43/64	1.3425	0.563	3/8	UC205-14		0.91
205-15	15/16												UC205-15		0.89
205-16	1												UC205-16		0.88
UCAK206	30	39.69	160	121	48	15	19	17	80	38.1	15.9	M12	UC206	AK206	1.27
206-17	1-1/16												UC206-17		1.28
206-18	1-1/8	1-9/16	6-19/64	4-49/64	1-57/64	19/32	3/4	43/64	3-5/32	1.5000	0.626	7/16	UC206-18		1.29
206-19	1-3/16												UC206-19		1.27
206-20	1-1/4												UC206-20		1.26
UCAK207	35	46.04	167	127	48	15	19	19	92	42.9	17.5	M12	UC207	AK207	1.60
207-20	1-1/4												UC207-20		1.66
207-21	1-5/16	1-13/16	6-37/64	5	1-57/64	19/32	3/4	3/4	3-5/8	1.6890	0.689	7/16	UC207-21		1.63
207-22	1-3/8												UC207-22		1.60
207-23	1-7/16												UC207-23		1.57
UCAK208	40	49.2	181	140	54	15	19	19	100	49.2	19	M12	UC208	AK208	2.09
208-24	1-1/2	1-15/16	7-1/8	5-33/64	2-1/8	19/32	3/4	3/4	3-15/16	1.9370	0.748	7/16	UC208-24		2.13
208-25	1-9/16												UC208-25		2.10
UCAK209	45	52.39	190	146	54	15	19	21	106	49.2	19	M12	UC209	AK209	2.34
209-26	1-5/8												UC209-26		2.44
209-27	1-11/16	2-1/16	7-15/32	5-3/4	2-1/8	19/32	3/4	53/64	4-11/64	1.9370	0.748	7/16	UC209-27		2.40
209-28	1-3/4												UC209-28		2.36
UCAK210	50	55.56	203	159	57	15	19	22	113	51.6	19	M12	UC210	AK210	2.85
210-29	1-13/16												UC210-29		2.97
210-30	1-7/8	2-3/16	8	6-17/64	2-1/4	19/32	3/4	7/8	4-29/64	2.0315	0.748	7/16	UC210-30		2.92
210-31	1-15/16												UC210-31		2.87
210-32	2												UC210-32		2.83
UCAK211	55	61.9	232	181	60	19	24	25	125	55.6	22.2	M16	UC211	AK211	3.70
211-32	2												UC211-32		3.85
211-33	2-1/16	2-1/4	9-9/64	7-1/8	2-23/64	3/4	15/16	63/64	4-59/64	2.1890	0.874	5/8	UC211-33		3.79
211-34	2-1/8												UC211-34		3.75
211-35	2-3/16												UC211-35		3.68
UCAK212	60	68.3	241	190	64	19	24	29	137	65.1	25.4	M16	UC212	AK212	4.70
212-36	2-1/4												UC212-36		4.83
212-37	2-5/16	2-11/16	9-31/64	7-31/64	2-33/64	3/4	15/16	1-9/64	5-25/64	2.5630	1.000	5/8	UC212-37		4.75
212-38	2-3/8												UC212-38		4.68
212-39	2-7/16												UC212-39		4.61

UCPK2 (Normal-duty)

Pillow Blocks

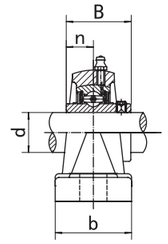


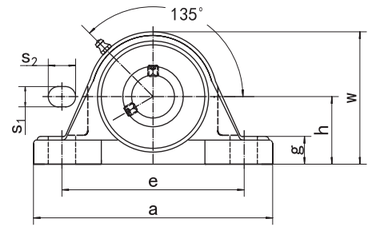


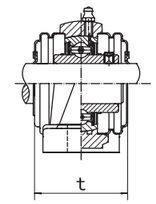
Unit NO.	Dimensions (mm / in.)											Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	S1	S2	g	w	B	n				
UCPK204	20	31.75	127	98	38	11	14	14	63	31.0	12.7	M10	UC204	PK204	0.68
204-12	3/4	1-1/4	5	3-55/64	1-1/2	7/16	9/16	9/16	2-31/64	1.2205	0.500	3/8	UC204-12		0.68
UCPK205	25	33.34	140	105	38	11	14	15	68	34.1	14.3	M10	UC205	PK205	0.82
205-13	13/16	1-5/16	5-33/64	4-9/64	1-1/2	7/16	9/16	19/32	2-43/64	1.3425	0.563	3/8	UC205-13		0.86
205-14	7/8												UC205-14		0.85
205-15	15/16												UC205-15		0.83
205-16	1												UC205-16		0.82
UCPK206	30	39.69	160	121	44	14	19	17	80	38.1	15.9	M12	UC206	PK206	1.24
206-17	1-1/16	1-9/16	6-19/64	4-49/64	1-47/64	9/16	3/4	43/64	3-5/32	1.5000	0.626	7/16	UC206-17		1.25
206-18	1-1/8												UC206-18		1.26
206-19	1-3/16												UC206-19		1.24
206-20	1-1/4												UC206-20		1.23
UCPK207	35	46.04	167	127	48	14	19	18	91	42.9	17.5	M12	UC207	PK207	1.60
207-20	1-1/4	1-13/16	6-37/64	5	1-57/64	9/16	3/4	45/64	3-37/64	1.6890	0.689	7/16	UC207-20		1.66
207-21	1-5/16												UC207-21		1.63
207-22	1-3/8												UC207-22		1.60
207-23	1-7/16												UC207-23		1.57
UCPK208	40	49.20	181	140	52	14	19	18	100	49.2	19.0	M12	UC208	PK208	2.04
208-24	1-1/2	1-15/16	7-1/8	5-33/64	2-3/64	9/16	3/4	45/64	3-15/16	1.9370	0.748	7/16	UC208-24		2.08
208-25	1-9/16												UC208-25		2.05
UCPK209	45	52.39	189	146	54	14	19	20	104	49.2	19.0	M12	UC209	PK209	2.25
209-26	1-5/8	2-1/16	7-7/16	5-3/4	2-1/8	9/16	3/4	25/32	4-3/32	1.9370	0.748	7/16	UC209-26		2.35
209-27	1-11/16												UC209-27		2.31
209-28	1-3/4												UC209-28		2.27
UCPK210	50	55.56	203	159	57	14	19	21	112	51.6	19.0	M12	UC210	PK210	2.82
210-29	1-13/16	2-3/16	8	6-17/64	2-1/4	9/16	3/4	53/64	4-13/32	2.0315	0.748	7/16	UC210-29		2.94
210-30	1-7/8												UC210-30		2.89
210-31	1-15/16												UC210-31		2.84
210-32	2												UC210-32		2.80
UCPK211	55	61.90	232	181	60	18	24	23	124	55.6	22.2	M14	UC211	PK211	3.61
211-32	2	2-1/4	9-9/64	7-1/8	2-23/64	45/64	15/16	29/32	4-7/8	2.1890	0.874	1/2	UC211-32		3.76
211-33	2-1/16												UC211-33		3.70
211-34	2-1/8												UC211-34		3.66
211-35	2-3/16												UC211-35		3.59
UCPK212	60	68.30	241	191	64	18	24	25	136	65.1	25.4	M14	UC212	PK212	4.71
212-36	2-1/4	2-11/16	9-31/64	7-33/64	2-33/64	45/64	15/16	63/64	5-23/64	2.5630	1.000	1/2	UC212-36		4.84
212-37	2-5/16												UC212-37		4.76
212-38	2-3/8												UC212-38		4.69
212-39	2-7/16												UC212-39		4.62
UCPK213	65	68.26	248	194	70	18	29	27	141	65.1	25.4	M14	UC213	PK213	5.24
213-40	2-1/2	2-11/16	9-49/64	7-41/64	2-3/4	45/64	1-9/64	1-1/16	5-9/16	2.5630	1.000	1/2	UC213-40		5.33
213-41	2-9/16												UC213-41		5.24

Pillow Blocks

UCPE2 (Normal-duty)





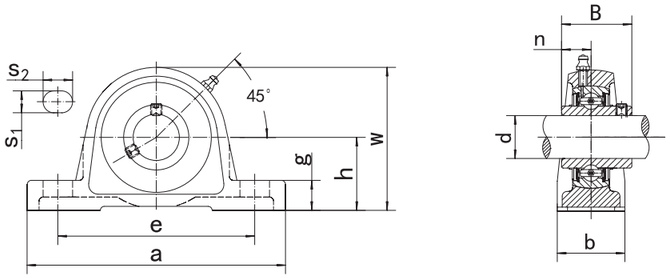


UCPE-C1(D1)

Unit NO.	Dimensions (mm / in.)												Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	S1	S2	g	w	t	B	n				
UCPE201	12	33.3	127	95	38	13	19	14	65	44.5	31	12.7	M10	UC201	PE201	0.78
201-8	1/2	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	UC201-8		0.78
UCPE202	15	33.3	127	95	38	13	19	14	65	44.5	31	12.7	M10	UC202	PE202	0.77
202-9	9/16	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	UC202-9		0.77
202-10	5/8													UC202-10		0.77
UCPE203	17	33.3	127	95	38	13	19	14	65	44.5	31	12.7	M10	UC203	PE203	0.76
203-11	11/16	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	UC203-11		0.75
UCPE204	20	33.3	127	95	38	13	19	14	65	44.5	31	12.7	M10	UC204	PE204	0.74
204-12	3/4	1-5/16	5	3-3/4	1-1/2	1/2	3/4	9/16	2-9/16	1-3/4	1.2205	0.500	3/8	UC204-12		0.74
UCPE205	25	36.5	140	105	38	13	19	15	71	48	34.1	14.3	M10	UC205	PE205	0.89
205-13	13/16	1-7/16	5-1/2	4-1/8	1-1/2	1/2	3/4	19/32	2-25/32	1-57/64	1.3425	0.563	3/8	UC205-13		0.93
205-14	7/8													UC205-14		0.92
205-15	15/16													UC205-15		0.90
205-16	1													UC205-16		0.89
UCPE206	30	42.9	160	121	44	17	20	17	84	53	38.1	15.9	M14	UC206	PE206	1.37
206-17	1-1/16	1-11/16	6-19/64	4-3/4	1-47/64	43/64	25/32	21/32	3-5/16	2-5/64	1.5000	0.626	1/2	UC206-17		1.38
206-18	1-1/8													UC206-18		1.39
206-19	1-3/16													UC206-19		1.37
206-20	1-1/4													UC206-20		1.36
UCPE207	35	47.6	167	127	48	17	20	18	93	59.5	42.9	17.5	M14	UC207	PE207	1.72
207-20	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		1.78
207-21	1-5/16													UC207-21		1.75
207-22	1-3/8													UC207-22		1.72
207-23	1-7/16													UC207-23		1.69
UCPE208	40	49.2	184	137	54	17	20	18	100	69	49.2	19	M14	UC208	PE208	2.20
208-24	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		2.24
208-25	1-9/16													UC208-25		2.21
UCPE209	45	54.0	190	146	54	17	20	20	106	69	49.2	19	M14	UC209	PE209	2.44
209-26	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		2.54
209-27	1-11/16													UC209-27		2.50
209-28	1-3/4													UC209-28		2.46
UCPE210	50	57.2	206	159	60	20	23	21	113	74.5	51.6	19	M16	UC210	PE210	3.05
210-29	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		3.17
210-30	1-7/8													UC210-30		3.12
210-31	1-15/16													UC210-31		3.07
210-32	2													UC210-32		3.03
UCPE211	55	63.5	219	171	60	20	23	23	125	76	55.6	22.2	M16	UC211	PE211	3.73
211-32	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		3.88
211-33	2-1/16													UC211-33		3.82
211-34	2-1/8													UC211-34		3.78
211-35	2-3/16													UC211-35		3.71
UCPE212	60	69.8	241	184	70	20	23	25	138	89	65.1	25.4	M16	UC212	PE212	5.25
212-36	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		5.38
212-37	2-5/16													UC212-37		5.30
212-38	2-3/8													UC212-38		5.23
212-39	2-7/16													UC212-39		5.16
UCPE213	65	76.2	265	203	70	25	28	27	150	89	65.1	25.4	M20	UC213	PE213	6.22
213-40	2-1/2	3	10-7/16	8	2-3/4	63/64	1-3/32	1-1/16	5-29/32	3-1/2	2.5630	1.000	3/4	UC213-40		6.31
213-41	2-9/16													UC213-41		6.22
UCPE214	70	79.4	266	210	72	25	28	27	156	98	74.6	30.2	M20	UC214	PE214	6.83
214-42	2-5/8	3-1/8	10-15/32	8-17/64	2-27/32	63/64	1-3/32	1-1/16	6-9/64	3-55/64	2.9370	1.189	3/4	UC214-42		7.04
214-43	2-11/16													UC214-43		6.94
214-44	2-3/4													UC214-44		6.84
UCPE215	75	82.6	275	217	74	25	28	28	162	99	77.8	33.3	M20	UC215	PE215	7.56
215-45	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	3-57/64	3.0630	1.311	3/4	UC215-45		7.56
215-46	2-7/8													UC215-46		7.81
215-47	2-15/16													UC215-47		7.70
215-48	3													UC215-48		7.50
UCPE216	80	88.9	292	232	78	25	28	30	174	109	82.6	33.3	M20	UC216	PE216	9.22
216-49	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	4-19/64	3.2520	1.311	3/4	UC216-49		9.40
216-50	3-1/8													UC216-50		9.27
216-51	3-3/16													UC216-51		9.14
UCPE217	85	95.2	310	247	83	25	28	32	185	113.2	85.7	34.1	M20	UC217	PE217	11.23
217-52	3-1/4	3-3/4	12-13/64	9-23/32	3-17/64	63/64	1-3/32	1-1/4	7-9/32	4-29/64	3.3740	1.343	3/4	UC217-52		11.35
217-53	3-5/16													UC217-53		11.31
217-55	3-7/16													UC217-55		11.02
UCPE218	90	101.6	327	262	88	27	30	33	198	123	96.0	39.7	M22	UC218	PE218	13.61
218-56	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	4-27/32	3.7795	1.5630	7/8	UC218-56		13.72

UCASE2 (Normal-duty)

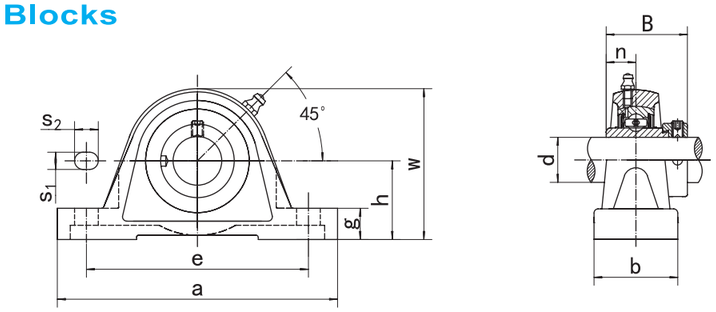
Pillow Blocks



Unit NO.	Dimensions (mm / in.)											Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	s1	s2	g	w	B	n				
UCSASE201	12	30.2	125	95	30	11	19	10	57	27.4	11.5	3/8	UCS201RG	ASE201S	0.49
UCSASE202	15	1-3/16	4-59/64	3-3/4	1-3/16	7/16	3/4	25/64	2-1/4	1.0787	0.4527		UCS202RG	ASE202S	
UCSASE203	17												UCS203RG	ASE203S	
UCASE204	20	33.3 1-5/16	130 5-1/8	97 3-13/16	32 1-17/64	11 7/16	19 3/4	14.5 37/64	64 2-33/64	31 1.2205	12.7 0.500	3/8	UC204RG	ASE204	0.58
UCASE205	25	36.5 1-7/16	130 5-1/8	103 4-1/16	36 1-27/64	11 7/16	19 3/4	14.5 37/64	70 2-3/4	34.1 1.3425	14.3 0.563	3/8	UC205RG	ASE205	0.69
UCASE206	30	42.9 1-11/16	158 6-7/32	118 4-41/64	40 1-37/64	14 35/64	22 55/64	17 43/64	82 3-15/64	38.1 1.5000	15.9 0.626	7/16	UC206RG	ASE206	1.06
UCASE207	35	47.6 1-7/8	163 6-27/64	126 4-61/64	45 1-49/64	14 35/64	21 53/64	19 3/4	93 3-21/32	42.9 1.689	17.5 0.689	7/16	UC207RG	ASE207	1.44
UCASE208	40	49.2 1-15/16	179 7-3/64	138 5-7/16	48 1-57/64	14 35/64	26 1-1/32	19 3/4	99 3-57/64	49.2 1.9370	19 0.748	7/16	UC208RG	ASE208	1.80
UCASE209	45	54.0 2-1/8	192 7-9/16	150 5-29/32	48 1-57/64	14 35/64	29 1-9/64	21.5 27/32	107 4-7/32	49.2 1.9370	19 0.748	7/16	UC209RG	ASE209	2.09
UCASE210	50	57.2 2-1/4	200 7-7/8	158 6-7/32	54 2-1/8	18 45/64	23 29/32	21.5 27/32	115 4-17/32	51.6 2.0315	19.0 0.748	5/8	UC210RG	ASE210	2.63
UCASE211	55	63.5 2-1/2	222 8-47/64	176 6-59/64	60 2-23/64	18 45/64	30 1-3/16	22.5 57/64	124.5 4-29/32	55.6 2.1890	22.2 0.874	5/8	UC211RG	ASE211	3.24
UCASE212	60	69.9 2-3/4	240 9-29/64	190 7-31/64	60 2-23/64	18 45/64	28 1-7/64	25.0 63/64	140 5-33/64	65.1 2.5630	25.4 1.000	5/8	UC212RG	ASE212	4.32
UCASE213	65	76.2 3	257 10-1/8	200 7-7/8	64 2-33/64	25 63/64	35 1-3/8	27.0 1-1/16	150 5-29/32	65.1 2.5630	25.4 1.000	7/8	UC213RG	ASE213	5.06
UCASE214	70	79.4 3-1/8	260 10-15/64	203 8	65 2-9/16	22 55/64	28 1-7/64	27.5 1-5/64	156 6-9/64	74.6 2.9370	30.2 1.189	3/4	UC214RG	ASE214	5.64
UCASE215	75	82.5 3-1/4	265 10-7/16	210 8-17/64	66 2-19/32	22 55/64	30 1-3/16	27.5 1-5/64	164 6-29/64	77.8 3.0630	33.3 1.311	3/4	UC215RG	ASE215	6.28
UCASE216	80	89.0 3-1/2	290 11-27/64	232 9-1/8	78 3-1/16	26 1-1/32	34 1-11/32	30.0 1-3/16	175 6-57/64	82.6 3.2520	33.3 1.311	7/8	UC216RG	ASE216	8.15
UCASE218	90	101.6 4	330 12-31/32	268 10-35/64	85 3-11/32	27 1-1/16	35 1-3/8	35.0 1-3/8	200 7-7/8	96 3.7795	39.7 1.563	7/8	UC218RG	ASE218	11.84

Pillow Blocks

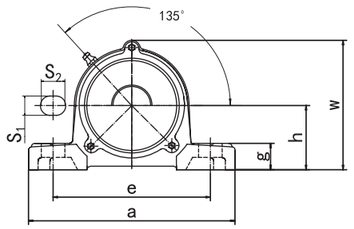
HCASE2 (Normal-duty)

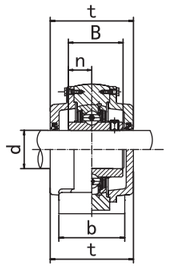


Unit NO.	Dimensions (mm / in.)											Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	s1	s2	g	w	B	n				
HCASE201	12	33.3	130	97	32	11	19	10	64	43.7	17.1	3/8	HC201RG	ASE201	0.64
HCASE202	15	1-5/16	5-1/8	3-13/16	1-17/64	7/16	3/4	25/64	2-33/64	1.720	0.673		HC202RG	ASE202	
HCASE203	17												HC203RG	ASE203	
HCASE204	20												HC204RG	ASE204	
HCASE205	25	36.5 1-7/16	130 5-1/8	103 4-1/16	36 1-27/64	11 7/16	19 3/4	14.5 37/64	70 2-3/4	44.4 1.748	17.5 0.689	3/8	HC205RG	ASE205	0.75
HCASE206	30	42.9 1-11/16	158 6-7/32	118 4-41/64	40 1-37/64	14 35/64	22 55/64	17 43/64	82 3-15/64	48.4 1.906	18.3 0.720	7/16	HC206RG	ASE206	1.13
HCASE207	35	47.6 1-7/8	163 6-27/64	126 4-61/64	45 1-49/64	14 35/64	21 53/64	19 3/4	93 3-21/32	51.1 2.012	18.8 0.740	7/16	HC207RG	ASE207	1.57
HCASE208	40	49.2 1-15/16	179 7-3/64	138 5-7/16	48 1-57/64	14 35/64	26 1-1/32	19 3/4	99 3-57/64	56.3 2.217	21.4 0.843	7/16	HC208RG	ASE208	1.93
HCASE209	45	54 2-1/8	192 7-9/16	150 5-29/32	48 1-57/64	14 35/64	29 1-9/64	21.5 27/32	107 4-7/32	56.3 2.217	21.4 0.843	7/16	HC209RG	ASE209	2.22
HCASE210	50	57.2 2-1/4	200 7-7/8	158 6-7/32	54 2-1/8	18 45/64	23 29/32	21.5 27/32	115 4-17/32	62.7 2.469	24.6 0.969	5/8	HC210RG	ASE210	2.82
HCASE211	55	63.5 2-1/2	222 8-47/64	176 6-59/64	60 2-23/64	18 45/64	30 1-3/16	22.5 57/64	124.5 4-29/32	71.4 2.811	27.8 1.094	5/8	HC211RG	ASE211	3.51
HCASE212	60	69.9 2-3/4	240 9-29/64	190 7-31/64	60 2-23/64	18 45/64	28 1-7/64	25 63/64	140 5-33/64	77.8 3.063	31 1.220	5/8	HC212RG	ASE212	4.64
HCASE213	65	76.2 3	257 10-1/8	200 7-7/8	64 2-23/64	25 63/64	35 1-3/8	27 1-1/16	150 5-29/32	85.7 3.374	34.1 1.343	7/8	HC213RG	ASE213	5.60
HCASE214	70	79.4 3-1/8	260 10-15/64	203 8	65 2-9/16	22 55/64	28 1-7/64	27.5 1-5/64	156 6-9/64	85.7 3.374	34.1 1.343	3/4	HC214RG	ASE214	6.05
HCASE215	75	82.5 3-1/4	265 10-7/16	210 8-17/64	66 2-19/32	22 55/64	30 1-3/16	27.5 1-5/64	164 6-29/64	92.1 3.626	37.3 1.469	3/4	HC215RG	ASE215	6.77
HCASE216	80	89 3-1/2	290 11-27/64	232 9-1/8	78 3-1/16	26 1-1/32	34 1-11/32	30 1-3/16	175 6-57/64	95.2 3.748	37.3 1.469	7/8	HC216RG	ASE216	8.83
HCASE218	90	101.6 4	330 12-31/32	268 10-35/64	85 3-11/32	27 1-1/16	35 1-3/8	35 1-3/8	200 7-7/8	72.6 2.858	24.5 0.965	7/8	HC218RG	ASE218	11.75

UCCP2 (Normal-duty)

Pillow Blocks



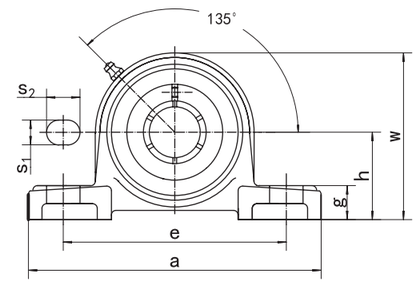


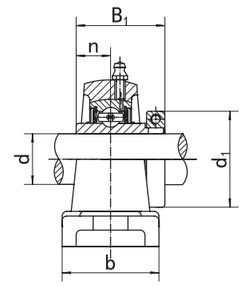
UCCP-GC(GD)

Unit NO.	Dimensions (mm / in.)												Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	s1	s2	g	w	t	B	n				
UCCP204	20	33.3	127	95	38	13	19	14	69	62.0	31	12.7	M10	UC204	CP204	0.82
204-12	3/4	1-5/16	5	3-3/4	1-1/2	1/2	3/4	9/16	2-23/32	2-7/16	1.2205	0.500	3/8	UC204-12		0.82
UCCP205	25	36.5	140	105	38	13	19	15	76	70	34.1	14.3	M10	UC205	CP205	1.11
205-13	13/16	1-7/16	5-1/2	4-1/8	1-1/2	1/2	3/4	19/32	2-63/64	2-3/4	1.3425	0.563	3/8	UC205-13		1.15
205-14	7/8													UC205-14		1.14
205-15	15/16													UC205-15		1.12
205-16	1													UC205-16		1.11
UCCP206	30	42.9	160	121	44	17	20	17	87	74	38.1	15.9	M14	UC206	CP206	1.64
206-17	1-1/16	1-11/16	6-19/64	4-3/4	1-47/64	43/64	25/32	21/32	3-27/64	2-29/32	1.5000	0.626	1/2	UC206-17		1.65
206-18	1-1/8													UC206-18		1.66
206-19	1-3/16													UC206-19		1.64
206-20	1-1/4													UC206-20		1.63
UCCP207	35	47.6	167	127	48	17	20	18	97	80	42.9	17.5	M14	UC207	CP207	2.09
207-20	1-1/4	1-7/8	6-9/16	5	1-7/8	43/64	25/32	45/64	3-13/16	3-5/32	1.6890	0.689	1/2	UC207-20		2.15
207-21	1-5/16													UC207-21		2.12
207-22	1-3/8													UC207-22		2.09
207-23	1-7/16													UC207-23		2.06
UCCP208	40	49.2	184	137	54	17	20	18	104	90	49.2	19	M14	UC208	CP208	2.61
208-24	1-1/2	1-15/16	7-1/4	5-13/32	2-1/8	43/64	25/32	45/64	4-3/32	3-35/64	1.9370	0.748	1/2	UC208-24		2.65
208-25	1-9/16													UC208-25		2.62
UCCP209	45	54.0	190	146	54	17	20	20	114	90	49.2	19	M14	UC209	CP209	2.80
209-26	1-5/8	2-1/8	7-15/32	5-3/4	2-1/8	43/64	25/32	25/32	4-31/64	3-35/64	1.9370	0.748	1/2	UC209-26		2.90
209-27	1-11/16													UC209-27		2.86
209-28	1-3/4													UC209-28		2.82
UCCP210	50	57.2	206	159	60	20	23	21	120	98	51.6	19.0	M16	UC210	CP210	3.26
210-29	1-13/16	2-1/4	8-1/8	6-1/4	2-3/8	25/32	29/32	53/64	4-23/32	3-55/64	2.0315	0.748	5/8	UC210-29		3.38
210-30	1-7/8													UC210-30		3.33
210-31	1-15/16													UC210-31		3.28
210-32	2													UC210-32		3.24
UCCP211	55	63.5	219	171	60	20	23	23	133	100	55.6	22.2	M16	UC211	CP211	4.27
211-32	2	2-1/2	8-5/8	6-47/64	2-3/8	25/32	29/32	29/32	5-15/64	3-15/16	2.1890	0.874	5/8	UC211-32		4.42
211-33	2-1/16													UC211-33		4.36
211-34	2-1/8													UC211-34		4.31
211-35	2-3/16													UC211-35		4.25
UCCP212	60	69.8	241	184	70	20	23	25	145	114	65.1	25.4	M16	UC212	CP212	5.77
212-36	2-1/4	2-3/4	9-1/2	7-1/4	2-3/4	25/32	29/32	63/64	5-45/64	4-31/64	2.5630	1.000	5/8	UC212-36		5.90
212-37	2-5/16													UC212-37		5.82
212-38	2-3/8													UC212-38		5.75
212-39	2-7/16													UC212-39		5.68
UCCP213	65	76.2	265	203	70	25	28	27	156	118	65.1	25.4	M20	UC213	CP213	6.98
213-40	2-1/2	3	10-7/16	8	2-3/4	63/64	1-3/32	1-1/16	6-9/64	4-41/64	2.5630	1.000	3/4	UC213-40		7.07
213-41	2-9/16													UC213-41		6.98
UCCP214	70	79.4	266	210	72	25	28	27	162	134	74.6	30.2	M20	UC214	CP214	7.60
214-42	2-5/8	3-1/8	10-15/32	8-17/64	2-27/32	63/64	1-3/32	1-1/16	6-3/8	5-9/32	2.9370	1.189	3/4	UC214-42		7.81
214-43	2-11/16													UC214-43		7.71
214-44	2-3/4													UC214-44		7.61
UCCP215	75	82.6	275	217	74	25	28	28	167	136	77.8	33.3	M20	UC215	CP215	8.31
215-45	2-13/16	3-1/4	10-53/64	8-35/64	2-29/32	63/64	1-3/32	1-3/32	6-37/64	5-23/64	3.0630	1.311	3/4	UC215-45		8.56
215-46	2-7/8													UC215-46		8.44
215-47	2-15/16													UC215-47		8.33
215-48	3													UC215-48		8.21
UCCP216	80	88.9	292	232	78	25	28	30	188	146	82.6	33.3	M20	UC216	CP216	10.70
216-49	3-1/16	3-1/2	11-1/2	9-1/8	3-1/16	63/64	1-3/32	1-3/16	7-13/32	5-3/4	3.2520	1.311	3/4	UC216-49		10.88
216-50	3-1/8													UC216-50		10.75
216-51	3-3/16													UC216-51		10.62
UCCP217	85	95.2	310	247	83	25	28	32	199	150	85.7	34.1	M20	UC217	CP217	13.86
217-52	3-1/4	3-3/4	12-13/64	9-23/32	3-17/64	63/64	1-3/32	1-1/4	7-53/64	5-29/32	3.3740	1.343	3/4	UC217-52		14.08
217-53	3-5/16													UC217-53		13.94
217-55	3-7/16													UC217-55		13.65
UCCP218	90	101.6	327	262	88	27	30	33	211	164	96	39.7	M22	UC218	CP218	16.06
218-56	3-1/2	4	12-7/8	10-5/16	3-15/32	1-1/16	1-3/16	1-19/64	8-5/16	6-29/64	3.7795	1.5630	7/8	UC218-56		16.17

Pillow Blocks

NCP2 (Normal-duty)

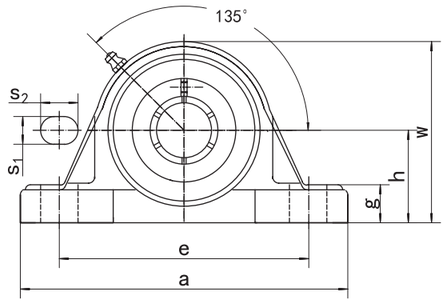


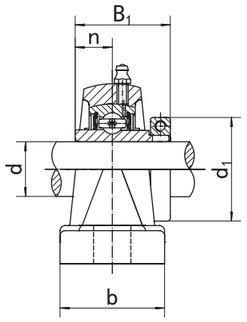


Unit NO.	Dimensions (mm / in.)												Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	d1	h	a	e	b	s1	s2	g	w	B1	n				
NCP204	20	44.5	33.3	127	95	38	13	19	14	65	33.4	12.7	M10	NC204	P204	0.79
204-12	3/4	1-3/4	1-5/16	5	3-3/4	1-1/2	1/2	3/4	9/16	2-9/16	1.315	0.500	3/8	NC204-12		
NCP205	25	49.2	36.5	140	105	38	13	19	15	71	36.5	14.3	M10	NC205	P205	0.97
205-14	7/8	1-15/16	1-7/16	5-1/2	4-1/8	1/1/2	1/2	3/4	19/32	2-25/32	1.437	0.563	3/8	NC205-14		
205-15	15/16													NC205-15		
205-16	1													NC205-16		
NCP206	30	55.6	42.9	160	121	44	17	20	17	84	39.7	15.9	M14	NC206	P206	1.40
206-18	1-1/8	2-3/16	1-11/16	6-19/64	4-3/4	1-47/64	43/64	25/32	21/32	3-5/16	1.563	0.626	1/2	NC206-18		
206-19	1-3/16													NC206-19		
206-20	1-1/4													NC206-20		
NCP207	35	65.1	47.6	167	127	48	17	20	18	93	44.5	17.5	M14	NC207	P207	1.81
207-20	1-1/4	2-7/16	1-7/8	6-9/16	5	1-7/8	43/64	25/32	45/64	3-21/32	1.752	0.740	1/2	NC207-20		
207-22	1-3/8	2-9/16												NC207-22		
207-23	1-7/16													NC207-23		
NCP208	40	68.3	49.2	184	137	54	17	20	18	100	50.8	19.0	M14	NC208	P208	2.26
208-24	1-1/2	2-11/16	1-15/16	7-1/4	5-13/32	2-1/8	43/64	25/32	45/64	3-15/16	2	0.748	1/2	NC208-24		
NCP209	45	74.6	54.0	190	146	54	17	20	20	106	50.8	19.0	M14	NC209	P209	2.51
209-26	1-5/8	2-13/16	2-1/8	7-15/32	5-3/4	2-1/8	43/64	25/32	25/32	4-11/64	2	0.748	1/2	NC209-26		
209-27	1-11/16	2-15/16												NC209-27		
209-28	1-3/4													NC209-28		
NCP210	50	85.7	57.2	206	159	60	20	23	21	113	53.1	19.0	M16	NC210	P210	3.26
210-31	1-15/16	3-3/8	2-1/4	8-1/8	6-1/4	2-3/8	25/32	29/32	53/64	2-29/64	2.091	0.748	5/8	NC210-31		
210-32	2													NC210-32		
NCP211	55	92.1	63.5	219	171	60	20	23	23	125	57.1	22.2	M16	NC211	P211	3.74
211-32	2	3-1/2	2-1/2	8-5/8	6-47/64	2-3/8	25/32	29/32	29/32	4-59/64	2.248	0.874	5/8	NC211-32		
211-35	2-3/16	3-5/8												NC211-35		
NCP212	60	104.8	69.8	241	184	70	20	23	25	138	66.7	25.4	M16	NC212	P212	5.25
212-36	2-1/4	4-1/16	2-3/4	9-1/2	7-1/4	2-3/4	25/32	29/32	63/64	5-7/16	2.626	1.000	5/8	NC212-36		
212-39	2-7/16	4-1/8												NC212-39		

NCPE2 (Normal-duty)

Pillow Blocks

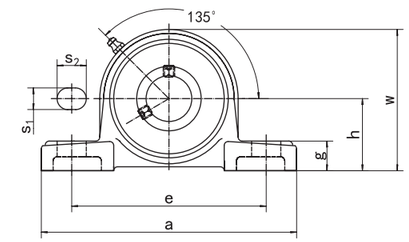


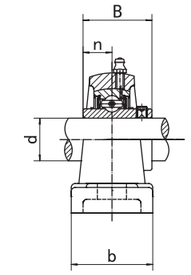


Unit NO.	Dimensions (mm / in.)												Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	d1	h	a	e	b	s1	s2	g	w	B1	n				
NCPE204	20	44.5	33.3	127	95	38	13	19	14	65	33.4	12.7	M10	NC204	PE204	0.88
204-12	3/4	1-3/4	1-5/16	5	3-3/4	1-1/2	1/2	3/4	9/16	2-9/16	1.315	0.500	3/8	NC204-12		
NCPE205	25	49.2	36.5	140	105	38	13	19	15	71	36.5	14.3	M10	NC205	PE205	1.10
205-14	7/8	1-15/16	1-7/16	5-1/2	4-1/8	1/1/2	1/2	3/4	19/32	2-25/32	1.437	0.563	3/8	NC205-14		
205-15	15/16													NC205-15		
205-16	1													NC205-16		
NCPE206	30	55.6	42.9	160	121	44	17	20	17	84	39.7	15.9	M14	NC206	PE206	1.57
206-18	1-1/8	2-3/16	1-11/16	6-19/64	4-3/4	1-47/64	43/64	25/32	21/32	3-5/16	1.563	0.626	1/2	NC206-18		
206-19	1-3/16													NC206-19		
206-20	1-1/4													NC206-20		
NCPE207	35	65.1	47.6	167	127	48	17	20	18	93	44.5	17.5	M14	NC207	PE207	2.07
207-20	1-1/4	2-7/16	1-7/8	6-9/16	5	1-7/8	43/64	25/32	45/64	3-21/32	1.752	0.740	1/2	NC207-20		
207-22	1-3/8	2-9/16												NC207-22		
207-23	1-7/16													NC207-23		
NCPE208	40	68.3	49.2	184	137	54	17	20	18	100	50.8	19.0	M14	NC208	PE208	2.60
208-24	1-1/2	2-11/16	1-15/16	7-1/4	5-13/32	2-1/8	43/64	25/32	45/64	3-15/16	2	0.748	1/2	NC208-24		
NCPE209	45	74.6	54.0	190	146	54	17	20	20	106	50.8	19.0	M14	NC209	PE209	2.89
209-26	1-5/8	2-13/16	2-1/8	7-15/32	5-3/4	2-1/8	43/64	25/32	25/32	4-11/64	2	0.748	1/2	NC209-26		
209-27	1-11/16	2-15/16												NC209-27		
209-28	1-3/4													NC209-28		
NCPE210	50	85.7	57.2	206	159	60	20	23	21	113	53.1	19.0	M16	NC210	PE210	3.70
210-31	1-15/16	3-3/8	2-1/4	8-1/8	6-1/4	2-3/8	25/32	29/32	53/64	4-24/64	2.091	0.748	5/8	NC210-31		
210-32	2													NC210-32		
NCPE211	55	92.1	63.5	219	171	60	20	23	23	125	57.1	22.2	M16	NC211	PE211	4.24
211-32	2	3-1/2	2-1/2	8-5/8	6-47/64	2-3/8	25/32	29/32	29/32	4-59/64	2.248	0.874	5/8	NC211-32		
211-35	2-3/16	3-5/8												NC211-35		
NCPE212	60	104.8	69.8	241	184	70	20	23	25	138	66.7	25.4	M16	NC212	PE212	6.06
212-36	2-1/4	4-1/16	2-3/4	9-1/2	7-1/4	2-3/4	25/32	29/32	63/64	5-7/16	2.626	1.000	5/8	NC212-36		
212-39	2-7/16	4-1/8												NC212-39		

Pillow Blocks

UCPX (Medium-duty)

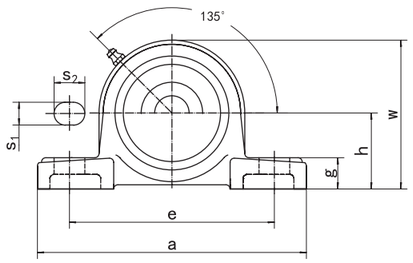


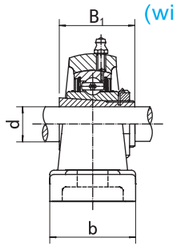


Unit NO.	Dimensions (mm / in.)											Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	s1	s2	g	w	B	n				
UCPX05	25	44.4	159	119	51	17	20	18	85	38.1	15.9	M14	UCX05	PX05	1.33
X05-13	13/16	1-3/4	6-1/4	4-11/16	2	43/64	25/32	23/32	3-11/32	1.5000	0.626	1/2	UCX05-13		
X05-14	7/8												UCX05-14		
X05-15	15/16												UCX05-15		
X05-16	1												UCX05-16		
UCPX06	30	47.6	175	127	57	17	20	20	93	42.9	17.5	M14	UCX06	PX06	1.71
X06-17	1-1/16	1-7/8	6-7/8	5	2-1/4	43/64	25/32	25/32	3-21/32	1.6890	0.689	1/2	UCX06-17		
X06-18	1-1/8												UCX06-18		
X06-19	1-3/16												UCX06-19		
X06-20	1-1/4												UCX06-20		
UCPX07	35	54.0	203	144	57	17	20	21	105	49.2	19	M14	UCX07	PX07	2.30
X07-21	1-5/16	2-1/8	8	5-21/32	2-1/4	43/64	25/32	13/16	4-1/8	1.9370	0.748	1/2	UCX07-21		
X07-22	1-3/8												UCX07-22		
X07-23	1-7/16												UCX07-23		
UCPX08	40	58.7	222	156	67	20	23	26	111	49.2	19	M16	UCX08	PX08	2.84
X08-24	1-1/2	2-5/16	8-3/4	6-5/32	2-5/8	25/32	29/32	1-1/32	4-3/8	1.9370	0.748	5/8	UCX08-24		
X08-25	1-9/16												UCX08-25		
UCPX09	45	58.7	222	156	67	20	23	26	116	51.6	19	M16	UCX09	PX09	3.20
X09-26	1-5/8	2-5/16	8-3/4	6-5/32	2-5/8	25/32	29/32	1-1/32	4-9/16	2.0315	0.748	5/8	UCX09-26		
X09-27	1-11/16												UCX09-27		
X09-28	1-3/4												UCX09-28		
X09-29	1-13/16												UCX09-29		
UCPX10	50	63.5	241	171	73	20	23	27	126	55.6	22.2	M16	UCX10	PX10	4.07
X10-30	1-7/8	2-1/2	9-1/2	6-47/64	2-7/8	25/32	29/32	1-1/16	4-31/32	2.1890	0.874	5/8	UCX10-30		
X10-31	1-15/16												UCX10-31		
X10-32	2												UCX10-32		
UCPX11	55	69.8	260	184	79	25	28	30	137	65.1	25.4	M20	UCX11	PX11	5.18
X11-33	2-1/16	2-3/4	10-1/4	7-1/4	3-1/8	31/32	1-3/32	1-3/16	5-13/32	2.5630	1.000	3/4	UCX11-33		
X11-34	2-1/8												UCX11-34		
X11-35	2-3/16												UCX11-35		
X11-36	2-1/4												UCX11-36		
X11-37	2-5/16												UCX11-37		
UCPX12	60	76.2	286	203	83	25	28	33	151	65.1	25.4	M20	UCX12	PX12	6.67
X12-38	2-3/8	3	11-1/4	8	3-9/32	31/32	1-3/32	1-5/16	5-15/16	2.5630	1.000	3/4	UCX12-38		
X12-39	2-7/16												UCX12-39		
UCPX13	65	76.2	286	203	83	25	28	33	154	74.6	30.2	M20	UCX13	PX13	6.92
X13-40	2-1/2	3	11-1/4	8	3-9/32	63/64	1-3/32	1-5/16	6-1/16	2.9370	1.189	3/4	UCX13-40		
X13-41	2-9/16												UCX13-41		
UCPX14	70	88.9	330	229	89	27	30	35	170	77.8	33.3	M22	UCX14	PX14	8.64
X14-42	2-5/8	3-1/2	13	9-1/32	3-1/2	1-1/16	1-3/16	1-3/8	6-11/16	3.0630	1.311	7/8	UCX14-42		
X14-43	2-11/16												UCX14-43		
X14-44	2-3/4												UCX14-44		
UCPX15	75	88.9	330	229	89	27	30	35	175	82.6	33.3	M22	UCX15	PX15	9.40
X15-45	2-13/16	3-1/2	13	9-1/32	3-1/2	1-1/16	1-3/16	1-3/8	6-7/8	3.2520	1.311	7/8	UCX15-45		
X15-46	2-7/8												UCX15-46		
X15-47	2-15/16												UCX15-47		
X15-48	3												UCX15-48		
UCPX16	80	101.6	381	283	102	27	30	40	194	85.7	34.1	M22	UCX16	PX16	13.4
X16-49	3-1/16	4	15	11-5/32	4-1/32	1-1/16	1-3/16	1-9/16	7-5/8	3.3740	1.343	7/8	UCX16-49		
X16-50	3-1/8												UCX16-50		
X16-51	3-3/16												UCX16-51		
X16-52	3-1/4												UCX16-52		
UCPX17	85	101.6	381	283	102	27	30	40	200	96	39.7	M22	UCX17	PX17	14.6
X17-53	3-5/16	4	15	11-5/32	4-1/32	1-1/16	1-3/16	1-9/16	7-7/8	3.7795	1.563	7/8	UCX17-53		
X17-55	3-7/16												UCX17-55		
UCPX18	90	101.6	381	283	111	27	30	40	206	104.0	42.9	M22	UCX18	PX18	16.5
X18-56	3-1/2	4	15	11-5/32	4-3/8	1-1/16	1-3/16	1-37/64	8-7/64	4.0945	1.6890	7/8	UCX18-56		
UCPX20	100	127.0	432	337	121	33	36	45	244	117.5	49.2	M27	UCX20	PX20	24.9
X20-64	4	5	17	13-9/32	4-3/4	1-5/16	1-27/64	1-25/32	9-39/64	4.6260	1.9370	1	UCX20-64		

UKPX (Medium-duty)

Pillow Blocks
(with adapter mounted)

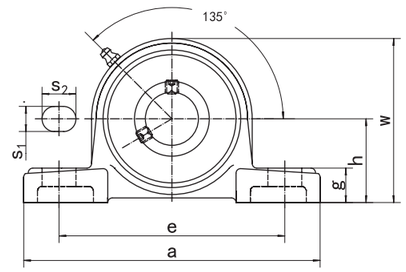


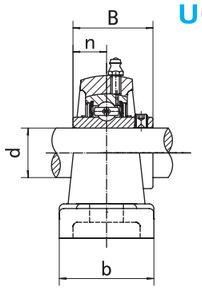


Unit NO.	Dimensions (mm / in.)										Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	S_1	S_2	g	w	B_1				
UKPX05;H2305	20	44.4	159	119	51	17	20	18	85	35	M14	UKX05;H2305	PX05	1.33
X05;HE2305	3/4	1-3/4	6-1/4	4-11/16	2	43/64	25/32	23/32	3-11/32	1.378	1/2	UKX05;HE2305		
UKPX06;H2306	25	47.6	175	127	57	17	20	20	93	38	M14	UKX06;H2306	PX06	1.75
X06;HS2306	7/8	1-7/8	6-7/8	5	2-1/4	43/64	25/32	25/32	3-21/32	1.496	1/2	UKX06;HS2306		
X06;HE2306	1											UKX06;HE2306		
UKPX07;H2307	30	54.0	203	144	57	17	20	21	105	43	M14	UKX07;H2307	PX07	2.33
X07;HS2307	1-1/8	2-1/8	8	5-21/32	2-1/4	43/64	25/32	13/16	4-1/8	1.693	1/2	UKX07;HS2307		
UKPX08;H2308	35	58.7	222	156	67	20	23	26	111	46	M16	UKX08;H2308	PX08	2.89
X08;HE2308	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;HE2308		
X08;HS2308	1-3/8											UKX08;HS2308		
UKPX09;H2309	40	58.7	222	156	67	20	23	26	116	50	M16	UKX09;H2309	PX09	3.25
X09;HA2309	1-7/16											UKX09;HA2309		
X09;HE2309	1-1/2	2-5/16	8-3/4	6-5/32	2-5/8	25/32	29/32	1-1/32	4-9/16	1.969	5/8	UKX09;HE2309		
X09;HS2309	1-5/8											UKX09;HS2309		
UKPX10;H2310	45	63.5	241	171	73	20	23	27	126	55	M16	UKX10;H2310	PX10	4.22
X10;HS2310	1-5/8											UKX10;HS2310		
X10;HA2310	1-11/16	2-1/2	9-1/2	6-47/64	2-7/8	25/32	29/32	1-1/16	4-31/32	2.165	5/8	UKX10;HA2310		
X10;HE2310	1-3/4											UKX10;HE2310		
UKPX11;H2311	50	69.8	260	184	79	25	28	30	137	59	M20	UKX11;H2311	PX11	5.24
X11;HS2311	1-7/8											UKX11;HS2311		
X11;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		
X11;HE2311	2											UKX11;HE2311		
UKPX12;H2312	55	76.2	286	203	83	25	28	33	151	62	M20	UKX12;H2312	PX12	6.51
X12;HS2312	2-1/8	3	11-1/4	8	3-9/32	63/64	1-3/32	1-5/16	5-15/16	2.441	3/4	UKX12;HS2312		
UKPX13;H2313	60	76.2	286	203	83	25	28	33	154	65	M20	UKX13;H2313	PX13	6.93
X13;HA2313	2-3/16											UKX13;HA2313		
X13;HE2313	2-1/4	3	11-1/4	8	3-9/32	63/64	1-3/32	1-5/16	6-1/16	2.559	3/4	UKX13;HE2313		
X13;HS2313	2-3/8											UKX13;HS2313		
UKPX15;H2315	65	88.9	330	229	89	27	30	35	175	73	M22	UKX15;H2315	PX15	9.40
X15;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		
X15;HS2315	2-1/2											UKX15;HS2315		
UKPX16;H2316	70	101.6	381	283	102	27	30	40	194	78	M22	UKX16;H2316	PX16	13.32
X16;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		
X16;HS2316	2-3/4											UKX16;HS2316		
UKPX17;H2317	75	101.6	381	283	102	27	30	40	200	82	M22	UKX17;H2317	PX17	14.55
X17;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		
X17;HE2317	3											UKX17;HE2317		
UKPX18;H2318	80	101.6	381	283	111	27	30	40	206	86	M22	UKX18;H2318	PX18	16.26
X18;HA2318	3-3/16	4	15	11-5/32	4-3/8	1-1/16	1-3/16	1-9/16	8-1/8	3.386	7/8	UKX18;HA2318		
UKPX20;H2320	90	127.0	432	337	121	33	36	45	244	97	M27	UKX20;H2320	PX20	23.86
X20;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	UKX20;HA2320		

Pillow Blocks

UCP3 (Heavy-duty)

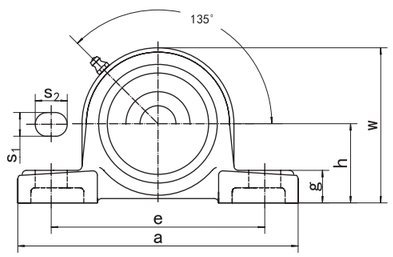


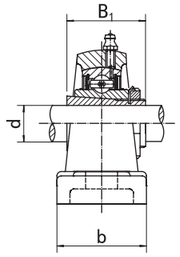


Unit NO.	Dimensions (mm / in.)											Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	S_1	S_2	g	w	B	n				
UCP305	25	45	175	132	45	17	20	15	85	38	15	M14	UC305	P305	1.27
305-13	13/16	1-49/64	6-7/8	5-3/16	1-25/32	43/64	25/32	19/32	3-11/32	1.4961	0.591	1/2	UC305-13		1.32
305-14	7/8												UC305-14		1.30
305-15	15/16												UC305-15		1.28
305-16	1												UC305-16		1.27
UCP306	30	50	180	140	50	17	20	18	95	43	17	M14	UC306	P306	1.73
306-17	1-1/16	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	1/2	UC306-17		1.79
306-18	1-1/8												UC306-18		1.76
306-19	1-3/16												UC306-19		1.74
UCP307	35	56	210	160	56	17	25	20	106	48	19	M14	UC307	P307	2.38
307-20	1-1/4	1-13/64	8-9/32	6-5/16	2-13/64	43/64	31/32	25/32	4-3/16	1.8898	0.748	1/2	UC307-20		2.44
307-21	1-5/16												UC307-21		2.41
307-22	1-3/8												UC307-22		2.38
307-23	1-7/16												UC307-23		2.35
UCP308	40	60	220	170	60	17	27	22	116	52	19	M14	UC308	P308	3.08
308-24	1-1/2	2-23/64	8-21/32	6-11/16	2-3/8	43/64	1-11/16	7/8	4-9/16	2.0472	0.748	1/2	UC308-24		3.12
308-25	1-9/16												UC308-25		3.08
UCP309	45	67	245	190	67	20	30	24	129	57	22	M16	UC309	P309	4.17
309-26	1-5/8	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	5/8	UC309-26		4.27
309-27	1-11/16												UC309-27		4.23
309-28	1-3/4												UC309-28		4.18
UCP310	50	75	275	212	75	20	35	27	143	61	22	M16	UC310	P310	5.69
310-29	1-13/16	2-61/64	10-13/16	8-11/32	2-15/16	25/32	1-3/8	1-1/16	5-5/8	2.4016	0.866	5/8	UC310-29		6.03
310-30	1-7/8												UC310-30		5.78
310-31	1-15/16												UC310-31		5.72
UCP311	55	80	310	236	80	20	38	30	154	66	25	M16	UC311	P311	7.24
311-32	2	3-5/32	12-7/32	9-9/32	3-5/32	25/32	1-1/2	1-3/16	6-1/16	2.5984	0.984	5/8	UC311-32		7.42
311-33	2-1/16												UC311-33		7.35
311-34	2-1/8												UC311-34		7.29
311-35	2-3/16												UC311-35		7.21
UCP312	60	85	330	250	85	25	38	32	165	71	26	M20	UC312	P312	8.88
312-36	2-1/4	3-11/32	13	9-27/32	3-11/32	31/32	1-1/2	1-1/4	6-1/2	2.7953	1.024	3/4	UC312-36		9.03
312-37	2-5/16												UC312-37		8.95
312-38	2-3/8												UC312-38		8.86
312-39	2-7/16												UC312-39		8.78
UCP313	65	90	340	260	90	25	38	33	176	75	30	M20	UC313	P313	10.51
313-40	2-1/2	3-35/64	13-3/8	10-1/4	3-17/32	31/32	1-1/2	1-5/16	6-15/16	2.9528	1.181	3/4	UC313-40		10.59
313-41	2-9/16												UC313-41		10.49
UCP314	70	95	360	280	90	27	40	35	187	78	33	M22	UC314	P314	12.04
314-42	2-5/8	3-47/64	14-3/16	11-1/32	3-17/32	1-1/16	1-9/16	1-3/8	7-3/8	3.0708	1.299	7/8	UC314-42		12.26
314-43	2-11/16												UC314-43		12.15
314-44	2-3/4												UC314-44		12.05
UCP315	75	100	380	290	100	27	40	35	198	82	32	M22	UC315	P315	14.51
315-45	2-13/16	3-15/16	14-31/32	11-13/32	3-15/16	1-1/16	1-9/16	1-3/8	7-25/32	3.2283	1.260	7/8	UC315-45		14.78
315-46	2-7/8												UC315-46		14.64
315-47	2-15/16												UC315-47		14.55
315-48	3												UC315-48		14.42
UCP316	80	106	400	300	110	27	40	40	210	86	34	M22	UC316	P316	17.59
316-49	3-1/16	4-11/64	15-3/4	11-13/16	4-11/32	1-1/16	1-9/16	1-9/16	8-9/32	3.3858	1.339	7/8	UC316-49		17.76
316-50	3-1/8												UC316-50		17.62
316-51	3-3/16												UC316-51		17.53
UCP317	85	112	420	320	110	33	45	40	220	96	40	M27	UC317	P317	19.36
317-52	3-1/4	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	1	UC317-52		19.58
317-53	3-5/16												UC317-53		19.55
317-55	3-7/16												UC317-55		19.33
UCP318	90	118	430	330	110	33	45	45	235	96	40	M27	UC318	P318	22.47
318-55	3-7/16	4-41/64	16-15/16	13	4-11/32	1-5/16	1-25/32	1-25/32	9-1/4	3.7795	1.575	1	UC318-56		22.76
318-56	3-1/2												UC318-56		22.58
UCP319	95	125	470	360	120	36	50	45	250	103	41	M30	UC319	P319	27.84
319-58	3-5/8	4-59/64	18-1/2	14-3/16	4-23/32	1-13/32	1-31/32	1-25/32	9-27/32	4.0551	1.614	1-1/8	UC319-58		28.17
319-59	3-11/16												UC319-59		27.99
319-60	3-3/4												UC319-60		27.80
UCP320	100	140	490	380	120	36	50	50	275	108	42	M30	UC320	P320	33.76
320-64	4	5-33/64	19-9/32	14-31/32	4-23/32	1-13/32	1-31/32	1-31/32	10-53/64	4.252	1.6536	1-1/8	UC320-64		33.56
UCP322	110	150	520	400	140	40	55	55	300	117	46	M33	UC322	P322	45.25
		5-29/32	20-15/32	15-3/4	5-33/64	1-9/16	2-5/32	2-5/32	11-13/16	4.6063	1.8110				
UCP324	120	160	570	450	140	40	55	65	320	126	51	M33	UC324	P324	54.97
		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	54	M33	UC326	P326	71.48
		7-3/32	23-5/8	18-29/32	5-33/64	1-9/16	2-5/32	2-61/64	13-31/32	5.3150	2.1260				
UCP328	140	200	620	500	140	40	55	75	390	145	59	M33	UC328	P328	87.48
		7-7/8	24-13/32	19-11/16	5-33/64	1-9/16	2-5/32	2-61/64	15-23/64	5.7087	2.3228				

UKP3 (Heavy-duty)

Pillow Blocks
(with adapter mounted)

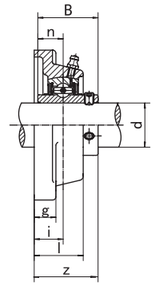


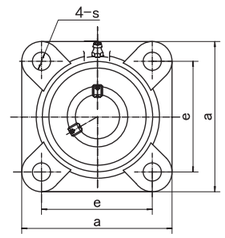


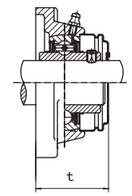
Unit NO.	Dimensions (mm / in.)										Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	h	a	e	b	S_1	S_2	g	w	B_1				
UKP305;H2305	20	45	175	132	45	17	20	15	85	35	M14	UK305;H2305	P305	1.30
305;HE2305	3/4	1-49/64	6-7/8	5-3/16	1-3/4	43/64	25/32	19/32	3-11/32	1.378	1/2	UK305;HE2305		
UKP306;H2306	25	50	180	140	50	17	20	18	95	38	M14	UK306;H2306	P306	1.80
306;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		
306;HE2306	1											UK306;HE2306		
UKP307;H2307	30	56	210	160	56	17	25	20	106	43	M14	UK307;H2307	P307	2.40
307;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	3.10
308;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		
308;HS2308	1-3/8											UK308;HS2308		
UKP309;H2309	40	67	245	190	67	20	30	24	129	50	M16	UK309;H2309	P309	4.20
309;HA2309	1-7/16	2-41/64	9-21/32	7-15/32	2-5/8	25/32	1-3/16	15/16	5-3/32	1.969	5/8	UK309;HA2309		
309;HE2309	1-1/2											UK309;HE2309		
309;HS2309	1-5/8											UK309;HS2309		
UKP310;H2310	45	75	275	212	75	20	35	27	143	55	M16	UK310;H2310	P310	5.80
310;HS2310	1-5/8	2-61/64	10-13/16	8-11/32	2-15/16	25/32	1-3/8	1-1/16	5-5/8	2.165	5/8	UK310;HS2310		
310;HA2310	1-11/16											UK310;HA2310		
310;HE2310	1-3/4											UK310;HE2310		
UKP311;H2311	50	80	310	236	80	20	38	30	154	59	M16	UK311;H2311	P311	7.30
311;HS2311	1-7/8	3-5/32	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;HS2311		
311;HA2311	1-15/16											UK311;HA2311		
311;HE2311	2											UK311;HE2311		
UKP312;H2312	55	85	330	250	85	25	38	32	165	62	M20	UK312;H2312	P312	9.20
212;HS2312	2-1/8	3-11/32	13	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	10.40
313;HA2313	2-3/16	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		
313;HE2313	2-1/4											UK313;HE2313		
313;HS2313	2-3/8											UK313;HS2313		
UKP315;H2315	65	100	380	290	100	27	40	35	198	73	M22	UK315;H2315	P315	14.70
315;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		
315;HE2315	2-1/2											UK315;HE2315		
UKP316;H2316	70	106	400	300	110	27	40	40	210	78	M22	UK316;H2316	P316	17.80
316;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		
316;HE2316	2-3/4											UK316;HE2316		
UKP317;H2317	75	112	420	320	110	33	45	40	220	82	M27	UK317;H2317	P317	19.60
317;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		
317;HS2317	3											UK317;HS2317		
UKP318;H2318	80	118	430	330	110	33	45	45	235	86	M27	UK318;H2318	P318	22.80
318;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	28.30
319;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	490	380	120	36	50	50	275	97	M30	UK320;H2320	P320	33.90
320;HA2320	3-7/16	5-33/64	19-9/32	14-31/32	4-23/32	1-13/32	1-31/32	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	45.60
322;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	55.80
324;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	71.80
326;HA2326	4-7/16	7-3/32	23-5/8	18-29/32	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	89.00
328;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		

Flange Units (Square)

UCF2 (Normal-duty)





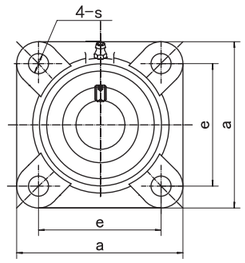


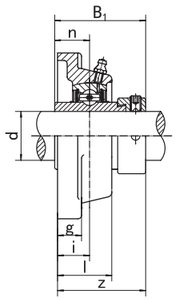
UCF-$C_1(D_1)$

Unit NO.	Dimensions (mm / in.)											Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	z	t	B	n				
UCF201	12	86	64	15	12	25.5	12	33.3	37.5	31	12.7	M10	UC201	F201	0.59
201-8	1/2	3-3/8	2-33/64	19/32	15/32	1	15/32	1-5/16	1-31/64	1.2205	0.500	3/8	UC201-8		0.58
UCF202	15	86	64	15	12	25.5	12	33.3	37.5	31	12.7	M10	UC202	F202	0.58
202-9	9/16	3-3/8	2-33/64	19/32	15/32	1	15/32	1-5/16	1-31/64	1.2205	0.500	3/8	UC202-9		0.58
202-10	5/8												UC202-10		0.58
UCF203	17	86	64	15	12	25.5	12	33.3	37.5	31	12.7	M10	UC203	F203	0.57
203-11	11/16	3-3/8	2-33/64	19/32	15/32	1	15/32	1-5/16	1-31/64	1.2205	0.500	3/8	UC203-11		0.56
UCF204	20	86	64	15	12	25.5	12	33.3	37.5	31	12.7	M10	UC204	F204	0.55
204-12	3/4	3-3/8	2-33/64	19/32	15/32	1	15/32	1-5/16	1-31/64	1.2205	0.500	3/8	UC204-12		0.55
UCF205	25	95	70	16	14	27	12	35.8	40	34.1	14.3	M10	UC205	F205	0.73
205-13	13/16	3-3/4	2-3/4	5/8	35/64	1-1/16	15/32	1-13/32	1-9/16	1.3425	0.563	3/8	UC205-13		0.77
205-14	7/8												UC205-14		0.76
205-15	15/16												UC205-15		0.74
205-16	1												UC205-16		0.73
UCF206	30	108	83	18	14	31	12	40.2	44.5	38.1	15.9	M10	UC206	F206	1.02
206-17	1-1/16	4-1/4	3-17/64	45/64	35/64	1-7/32	15/32	1-19/32	1-3/4	1.5000	0.626	3/8	UC206-17		1.03
206-18	1-1/8												UC206-18		1.04
206-19	1-3/16												UC206-19		1.02
206-20	1-1/4												UC206-20		1.01
UCF207	35	117	92	19	16	34	14	44.4	48.5	42.9	17.5	M12	UC207	F207	1.33
207-20	1-1/4	4-39/64	3-5/8	3/4	5/8	1-11/32	35/64	1-3/4	1-29/32	1.6890	0.689	7/16	UC207-20		1.40
207-21	1-5/16												UC207-21		1.37
207-22	1-3/8												UC207-22		1.34
207-23	1-7/16												UC207-23		1.31
UCF208	40	130	102	21	16	36	16	51.2	55.5	49.2	19	M14	UC208	F208	1.67
208-24	1-1/2	5-1/8	4-1/64	53/64	5/8	1-27/64	5/8	2-1/64	2-3/16	1.9370	0.748	1/2	UC208-24		1.71
208-25	1-9/16												UC208-25		1.68
UCF209	45	137	105	22	18	38	16	52.2	56.5	49.2	19	M14	UC209	F209	2.00
209-26	1-5/8	5-13/32	4-9/64	55/64	23/32	1-1/2	5/8	2-1/16	2-7/32	1.9370	0.748	1/2	UC209-26		2.10
209-27	1-11/16												UC209-27		2.06
209-28	1-3/4												UC209-28		2.02
UCF210	50	143	111	22	18	40	16	54.6	59.5	51.6	19	M14	UC210	F210	2.32
210-29	1-13/16	5-5/8	4-3/8	55/64	23/32	1-9/16	5/8	2-5/32	2-11/32	2.0315	0.748	1/2	UC210-29		2.44
210-30	1-7/8												UC210-30		2.39
210-31	1-15/16												UC210-31		2.34
210-32	2												UC210-32		2.30
UCF211	55	162	130	25	20	43	19	58.4	63	55.6	22.2	M16	UC211	F211	3.12
211-32	2	6-3/8	5-1/8	63/64	25/32	1-11/16	3/4	2-5/16	2-31/64	2.1890	0.874	5/8	UC211-32		3.27
211-33	2-1/16												UC211-33		3.21
211-34	2-1/8												UC211-34		3.17
211-35	2-3/16												UC211-35		3.10
UCF212	60	175	143	29	20	48	19	68.7	73.5	65.1	25.4	M16	UC212	F212	3.95
212-36	2-1/4	6-57/64	5-5/8	1-9/64	25/32	1-57/64	3/4	2-45/64	2-57/64	2.5630	1.000	5/8	UC212-36		4.08
212-37	2-5/16												UC212-37		4.00
212-38	2-3/8												UC212-38		3.93
212-39	2-7/16												UC212-39		3.86
UCF213	65	187	149	30	22	50	19	69.7	74.5	65.1	25.4	M16	UC213	F213	4.81
213-40	2-1/2	7-23/64	5-55/64	1-3/16	55/64	1-31/32	3/4	2-3/4	2-15/16	2.5630	1.000	5/8	UC213-40		4.90
213-41	2-9/16												UC213-41		4.81
UCF214	70	193	152	31	22	54	19	75.4	81.5	74.6	30.2	M16	UC214	F214	5.42
214-42	2-5/8	7-19/32	5-63/64	1-7/32	55/64	2-1/8	3/4	2-31/32	3-13/64	2.9370	1.189	5/8	UC214-42		5.63
214-43	2-11/16												UC214-43		5.53
214-44	2-3/4												UC214-44		5.43
UCF215	75	200	159	34	22	56	19	78.5	83.5	77.8	33.3	M16	UC215	F215	5.94
215-45	2-13/16	7-7/8	6-17/64	1-11/32	55/64	2-7/32	3/4	3-3/32	3-9/32	3.0630	1.311	5/8	UC215-45		5.94
215-46	2-7/8												UC215-46		6.19
215-47	2-15/16												UC215-47		6.08
215-48	3												UC215-48		5.88
UCF216	80	208	165	34	22	58	23	83.3	88.5	82.6	33.3	M20	UC216	F216	6.94
216-49	3-1/16	8-3/16	6-1/2	1-11/32	55/64	2-9/32	29/32	3-9/32	3-31/64	3.2520	1.311	3/4	UC216-49		7.12
216-50	3-1/8												UC216-50		6.99
216-51	3-3/16												UC216-51		6.86
UCF217	85	220	175	36	24	63	23	87.6	92.6	85.7	34.1	M20	UC217	F217	8.67
217-52	3-1/4	8-21/23	6-57/64	1-27/64	15/16	2-15/32	29/32	3-7/16	3-41/64	3.3740	1.343	3/4	UC217-52		8.79
217-53	3-5/16												UC217-53		8.75
217-55	3-7/16												UC217-55		8.46
UCF218	90	235	187	40	24	68	23	96.3	101.5	96	39.7	M20	UC218	F218	10.62
218-56	3-1/2	9-1/4	7-23/64	1-37/64	15/16	2-11/16	29/32	3-25/32	4	3.7795	1.5630	3/4	UC218-56		10.73

HCF2 (Normal-duty)

Flange Units (Square)

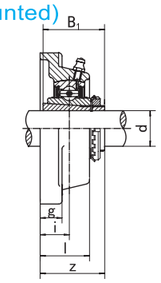


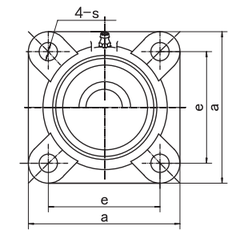


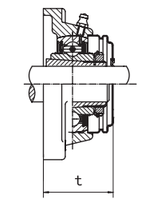
Unit NO.	Dimensions (mm / in.)										Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	z	B1	n				
HCF204	20	86	64	15	12	25.5	12	41.6	43.7	17.1	M10	HC204	F204	0.60
204-12	3/4	3-3/8	2-33/64	19/32	15/32	1	15/32	1-41/64	1.720	0.673	3/8	HC204-12		0.60
HCF205	25	95	70	16	14	27	12	42.9	44.4	17.5	M10	HC205	F205	0.79
205-13	13/16	3-3/4	2-3/4	5/8	35/64	1-1/16	15/32	1-11/16	1.748	0.689	3/8	HC205-13		0.84
205-14	7/8											HC205-14		0.83
205-15	15/16											HC205-15		0.81
205-16	1											HC205-16		0.79
HCF206	30	108	83	18	14	31	12	48.1	48.4	18.3	M10	HC206	F206	1.10
206-17	1-1/16	4-1/4	3-17/64	45/64	35/64	1-7/32	15/32	1-57/64	1.906	0.720	3/8	HC206-17		1.15
206-18	1-1/8											HC206-18		1.12
206-19	1-3/16											HC206-19		1.10
206-20	1-1/4											HC206-20		1.07
HCF207	35	117	92	19	16	34	14	51.3	51.1	18.8	M12	HC207	F207	1.47
207-20	1-1/4	4-39/64	3-5/8	3/4	5/8	1-11/32	35/64	2-1/64	2.012	0.740	7/16	HC207-20		1.54
207-21	1-5/16											HC207-21		1.50
207-22	1-3/8											HC207-22		1.47
207-23	1-7/16											HC207-23		1.45
HCF208	40	130	102	21	16	36	16	55.9	56.3	21.4	M14	HC208	F208	1.80
208-24	1-1/2	5-1/8	4-1/64	53/64	5/8	1-27/32	5/8	2-13/64	2.217	0.843	1/2	HC208-24		1.85
208-25	1-9/16											HC208-25		1.81
HCF209	45	137	105	22	18	38	16	56.9	56.3	21.4	M14	HC209	F209	2.13
209-26	1-5/8	5-13/32	4-9/64	55/64	23/32	1-1/2	5/8	2-15/64	2.217	0.843	1/2	HC209-26		2.24
209-27	1-11/16											HC209-27		2.19
209-28	1-3/4											HC209-28		2.15
HCF210	50	143	111	22	18	40	16	60.1	62.7	24.6	M14	HC210	F210	2.51
210-29	1-13/16	5-5/8	4-3/8	55/64	23/32	1-9/16	5/8	2-3/8	2.469	0.969	1/2	HC210-29		2.66
210-30	1-7/8											HC210-30		2.60
210-31	1-15/16											HC210-31		2.54
210-32	2											HC210-32		2.48
HCF211	55	162	130	25	20	43	19	68.6	71.4	27.8	M16	HC211	F211	3.39
211-32	2	6-3/8	5-1/8	63/64	25/32	1-11/16	3/4	2-45/64	2.811	1.094	5/8	HC211-32		3.69
211-33	2-1/16											HC211-33		3.51
211-34	2-1/8											HC211-34		3.44
211-35	2-3/16											HC211-35		3.36
HCF212	60	175	143	29	20	48	19	75.8	77.8	31.0	M16	HC212	F212	4.27
212-36	2-1/4	6-57/64	5-5/8	1-9/64	25/32	1-57/64	3/4	2-63/64	3.063	1.22	5/8	HC212-36		4.28
212-37	2-5/16											HC212-37		4.34
212-38	2-3/8											HC212-38		4.27
212-39	2-7/16											HC212-39		4.26
HCF213	65	187	149	30	22	50	19	81.6	85.7	34.1	M16	HC213	F213	5.35
213-40	2-1/2	7-23/64	5-55/64	1-3/16	55/64	1-31/32	3/4	3-7/32	3.374	1.343	5/8	HC213-40		5.45
213-41	2-9/16											HC213-41		5.34
HCF214	70	193	152	31	22	54	19	82.6	85.7	34.1	M16	HC214	F214	5.84
214-42	2-5/8	7-19/32	5-63/64	1-7/32	55/64	2-1/8	3/4	3-1/4	3.374	1.343	5/8	HC214-42		5.78
214-43	2-11/16											HC214-43		5.97
214-44	2-3/4											HC214-44		5.85
HCF215	75	200	159	34	22	56	19	88.8	92.1	37.3	M16	HC215	F215	6.43
215-45	2-13/16	7-7/8	6-17/64	1-11/32	55/64	2-7/32	3/4	3-1/2	3.626	1.426	5/8	HC215-45		6.73
215-46	2-7/8											HC215-46		6.60
215-47	2-15/16											HC215-47		6.47
215-48	3											HC215-48		6.33
HCF216	80	208	165	34	22	58	23	91.9	95.2	37.3	M20	HC216	F216	7.59
216-49	3-1/16	8-3/16	6-1/2	1-11/32	55/64	2-9/32	29/32	3-5/8	3.748	1.469	3/4	HC216-49		7.79
216-50	3-1/8											HC216-50		7.65
216-51	3-3/16											HC216-51		7.50
HCF217	85	220	175	36	24	63	23	86.4	73.8	23.4	M20	HC217	F217	8.52
217-52	3-1/4	8-21/23	6-57/64	1-27/64	15/16	2-15/32	29/32	3-13/32	2.906	0.921	3/4	HC217-52		8.71
217-53	3-5/16											HC217-53		8.59
217-55	3-7/16											HC217-55		8.34
HCF218	90	235	187	40	24	68	23	88.1	72.6	24.5	M20	HC218	F218	9.95
218-56	3-1/2	9-1/4	7-23/64	1-37/64	15/16	2-11/16	29/32	3-15/32	3.7795	1.563	3/4	HC218-56		10.04

Flange Units (Square) (with adapter mounted)

UKF2 (Normal-duty)





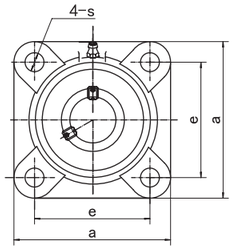


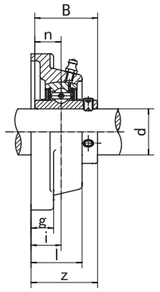
UKF-C1(D1)

Unit NO.	Dimensions (mm / in.)										Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	z	t	B1				
UKF205;H2305	20	95	70	16	14	27	12	35.5	40	35	M10	UK205;H2305	F205	0.78
205;HE2305	3/4	3-3/4	2-3/4	5/8	35/64	1-1/16	15/32	1-25/64	1-9/16	1.378	3/8	UK205;HE2305		
UKF206;H2306	25	108	83	18	14	31	12	39	44.5	38	M10	UK206;H2306	F206	1.09
206;HS2306	7/8	4-1/4	3-17/64	45/64	35/64	1-7/32	15/32	1-17/32	1-3/4	1.496	3/8	UK206;HS2306		
206;HE2306	1											UK206;HE2306		
UKF207;H2307	30	117	92	19	16	34	14	42.5	48.5	43	M12	UK207;H2307	F207	1.41
207;HS2307	1-1/8	4-39/64	3-5/8	3/4	5/8	1-11/32	35/64	1-43/64	1-29/32	1.693	7/16	UK207;HS2307		
UKF208;H2308	35	130	102	21	16	36	16	46.5	55.5	46	M14	UK208;H2308	F208	1.74
208;HE2308	1-1/4	5-1/8	4-1/64	53/64	5/8	1-27/64	5/8	1-53/64	2-3/16	1.811	1/2	UK208;HE2308		
208;HS2308	1-3/8											UK208;HS2308		
UKF209;H2309	40	137	105	22	18	38	16	48.5	56.5	50	M14	UK209;H2309	F209	2.12
209;HA2309	1-7/16	5-13/32	4-9/64	55/64	23/32	1-1/2	5/8	1-29/32	2-7/32	1.969	1/2	UK209;HA2309		
209;HE2309	1-1/2											UK209;HE2309		
209;HS2309	1-5/8											UK209;HS2309		
UKF210;H2310	45	143	111	22	18	40	16	50	59.5	55	M14	UK210;H2310	F210	2.49
210;HS2310	1-5/8	5-5/8	4-3/8	55/64	23/32	1-9/16	5/8	1-31/32	2-11/32	2.165	1/2	UK210;HS2310		
210;HA2310	1-11/16											UK210;HA2310		
210;HE2310	1-3/4											UK210;HE2310		
UKF211;H2311	50	162	130	25	20	43	19	54.5	63	59	M16	UK211;H2311	F211	3.28
211;HS2311	1-7/8	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;HS2311		
211;HA2311	1-15/16											UK211;HA2311		
211;HE2311	2											UK211;HE2311		
UKF212;H2312	55	175	143	29	20	48	19	61	73.5	62	M16	UK212;H2312	F212	4.03
212;HS2312	2-1/8	6-57/64	5-5/8	1-9/64	25/32	1-57/64	3/4	2-13/32	2-57/64	2.441	5/8	UK212;HS2312		
UKF213;H2313	60	187	149	30	22	50	19	64	74.5	65	M16	UK213;H2313	F213	4.93
213;HA2313	2-3/16	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;HA2313		
213;HE2313	2-1/4											UK213;HE2313		
213;HS2313	2-3/8											UK213;HS2313		
UKF215;H2315	65	200	159	34	22	56	19	71	83.5	73	M16	UK215;H2315	F215	6.33
215;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		
215;HE2315	2-1/2											UK215;HE2315		
UKF216;H2316	70	208	165	34	22	58	23	73.5	88.5	78	M20	UK216;H2316	F216	7.37
216;HA2316	2-11/16	8-3/16	6-1/2	1-11/32	55/64	2-9/32	29/32	2-57/64	3-31/64	3.071	3/4	UK216;HA2316		
216;HE2316	2-3/4											UK216;HE2316		
UKF217;H2317	75	220	175	36	24	63	23	77	92.6	82	M20	UK217;H2317	F217	9.09
217;HA2317	2-15/16	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		
217;HE2317	3											UK217;HE2317		
UKF218;H2318	80	235	187	40	24	68	23	81.5	101.5	86	M20	UK218;H2318	F218	10.91
218;HA2318	3-3/16	9-1/4	7-23/64	1-37/64	15/16	2-11/16	29/32	3-13/64	4	3.386	3/4	UK218;HA2318		

UCFS2 (Normal-duty)

Flange Units (Square)

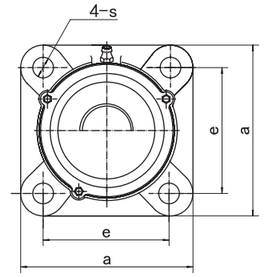


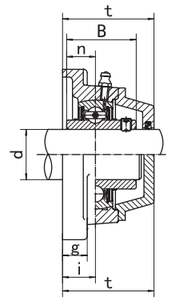


Unit NO.	Dimensions (mm / in.)										Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	z	B	n				
UCFS204	20	86	63.5	20.6	9.5	33	11	38.9	31	12.7	M10	UC204	FS204	0.64
204-12	3/4	3-3/8	2-1/2	13/16	3/8	1-19/64	7/16	1-17/32	1.2205	0.500	3/8	UC204-12		0.64
UCFS205	25	95	70	21	11	35	11.5	40.8	34.1	14.3	M10	UC205	FS205	0.87
205-13	13/16	3-3/4	2-3/4	53/64	7/16	1-3/8	29/64	1-39/64	1.3425	0.563	3/8	UC205-13		0.91
205-14	7/8											UC205-14		0.90
205-15	15/16											UC205-15		0.88
205-16	1											UC205-16		0.87
UCFS206	30	108	82.5	22.6	13	37	13	44.8	38.1	15.9	M12	UC206	FS206	1.27
206-17	1-1/16	4-1/4	3-1/4	57/64	33/64	1-29/64	33/64	1-49/64	1.5000	0.626	7/16	UC206-17		1.28
206-18	1-1/8											UC206-18		1.29
206-19	1-3/16											UC206-19		1.27
206-20	1-1/4											UC206-20		1.26
UCFS207	35	117	92	22	13	38	13	47.4	42.9	17.5	M12	UC207	FS207	1.54
207-20	1-1/4	4-39/64	3-5/8	55/64	33/64	1-1/2	33/64	1-55/64	1.6890	0.689	7/16	UC207-20		1.60
207-21	1-5/16											UC207-21		1.57
207-22	1-3/8											UC207-22		1.54
207-23	1-7/16											UC207-23		1.51
UCFS208	40	130	101.5	24.5	16	41	14	54.7	49.2	19	M12	UC208	FS208	2.16
208-24	1-1/2	5-1/8	4	31/32	5/8	1-39/64	35/64	2-5/32	1.9370	0.748	7/16	UC208-24		2.20
208-25	1-9/16											UC208-25		2.17
UCFS209	45	137	105	24.5	16	42	16	54.7	49.2	19	M14	UC209	FS209	2.36
209-26	1-5/8	5-25/64	4-9/64	31/32	5/8	1-21/32	5/8	2-5/32	1.9370	0.748	9/16	UC209-26		2.46
209-27	1-11/16											UC209-27		2.42
209-28	1-3/4											UC209-28		2.38
UCFS210	50	143	111	27.8	16	46	16	60.4	51.6	19	M14	UC210	FS210	2.65
210-29	1-13/16	5-5/8	4-3/8	1-3/32	5/8	1-13/16	5/8	2-3/8	2.0315	0.748	9/16	UC210-29		2.77
210-30	1-7/8											UC210-30		2.72
210-31	1-15/16											UC210-31		2.67
210-32	2											UC210-32		2.63
UCFS211	55	162	130	31	17.5	50	17	64.4	55.6	22.2	M14	UC211	FS211	3.77
211-32	2	6-3/8	5-1/8	1-7/32	11/16	1-31/32	43/64	2-17/32	2.1890	0.874	9/16	UC211-32		3.92
211-33	2-1/16											UC211-33		3.86
211-34	2-1/8											UC211-34		3.82
211-35	2-3/16											UC211-35		3.75
UCFS212	60	175	143	34	17.5	55	17	73.7	65.1	25.4	M14	UC212	FS212	4.84
212-36	2-1/4	6-57/64	5-5/8	1-11/32	11/16	2-11/64	43/64	2-29/32	2.5630	1.000	9/16	UC212-36		4.97
212-37	2-5/16											UC212-37		4.89
212-38	2-3/8											UC212-38		4.82
212-39	2-7/16											UC212-39		4.75
UCFS213	65	184	149	38	22	58	18	77.7	65.1	25.4	M16	UC213	FS213	5.84
213-40	2-1/2	7-1/4	5-55/64	1-1/2	55/64	2-9/32	45/64	3-1/16	2.5630	1.000	5/8	UC213-40		5.93
213-41	2-9/16											UC213-41		5.84
UCFS214	70	188	152	38	23	60	18	82.4	74.6	30.2	M16	UC214	FS214	6.38
214-42	2-5/8	7-13/32	5-63/64	1-1/2	29/32	2-23/64	45/64	3-1/4	2.9370	1.189	5/8	UC214-42		6.59
214-43	2-11/16											UC214-43		6.49
214-44	2-3/4											UC214-44		6.39
UCFS215	75	200	152.4	41	24	62	20	85.5	77.8	33.3	M18	UC215	FS215	7.42
215-45	2-13/16	7-7/8	6	1-39/64	15/16	2-7/16	25/32	3-23/64	3.0630	1.311	23/32	UC215-45		7.42
215-46	2-7/8											UC215-46		7.67
215-47	2-15/16											UC215-47		7.56
215-48	3											UC215-48		7.36

Flange Units (Square)

UCCF2 (Normal-duty)

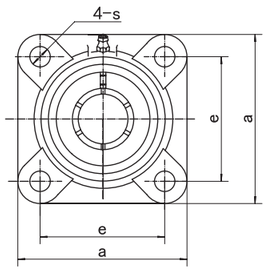


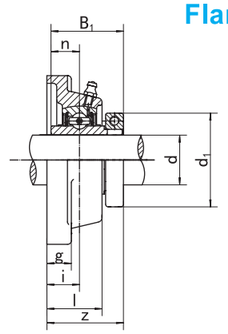


Unit NO.	Dimensions (mm / in.)									Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	s	t	B	n				
UCCF204	20	86	64	15	12.0	12	46	31	12.7	M10	UC204	CF204	0.76
204-12	3/4	3-3/8	2-33/64	19/32	15/32	15/32	1-13/16	1.2205	0.500	3/8	UC204-12		0.76
UCCF205	25	95	70	16	14	12	51	34.1	14.3	M10	UC205	CF205	1.12
205-13	13/16	3-3/4	2-3/4	5/8	35/64	15/32	2-1/64	1.3425	0.563	3/8	UC205-13		1.16
205-14	7/8										UC205-14		1.15
205-15	15/16										UC205-15		1.13
205-16	1										UC205-16		1.12
UCCF206	30	108	83	18	14	12	55	38.1	15.9	M10	UC206	CF206	1.42
206-17	1-1/16	4-1/4	3-17/64	45/64	35/64	15/32	2-11/64	1.5000	0.626	3/8	UC206-17		1.43
206-18	1-1/8										UC206-18		1.44
206-19	1-3/16										UC206-19		1.42
206-20	1-1/4										UC206-20		1.41
UCCF207	35	117	92	19	16	14	59	42.9	17.5	M12	UC207	CF207	1.83
207-20	1-1/4	4-39/64	3-5/8	3/4	5/8	35/64	2-21/64	1.6890	0.689	7/16	UC207-20		1.89
207-21	1-5/16										UC207-21		1.86
207-22	1-3/8										UC207-22		1.83
207-23	1-7/16										UC207-23		1.80
UCCF208	40	130	102	21	16	16	66	49.2	19	M14	UC208	CF208	2.51
208-24	1-1/2	5-1/8	4-1/64	53/64	5/8	5/8	2-21/64	1.9370	0.748	1/2	UC208-24		2.55
208-25	1-9/16										UC208-25		2.52
UCCF209	45	137	105	22	18	16	67	49.2	19	M14	UC209	CF209	2.90
209-26	1-5/8	5-13/32	4-9/64	55/64	23/32	5/8	2-41/64	1.9370	0.748	1/2	UC209-26		3.00
209-27	1-11/16										UC209-27		2.96
209-28	1-3/4										UC209-28		2.92
UCCF210	50	143	111	22	18	16	71	51.6	19	M14	UC210	CF210	3.16
210-29	1-13/16	5-5/8	4-3/8	55/64	23/32	5/8	2-51/64	2.0315	0.748	1/2	UC210-29		3.28
210-30	1-7/8										UC210-30		3.23
210-31	1-15/16										UC210-31		3.18
210-32	2										UC210-32		3.14
UCCF211	55	162	130	25	20	19	75	55.6	22.2	M16	UC211	CF211	4.47
211-32	2	6-3/8	5-1/8	63/64	25/32	3/4	2-61/64	2.1890	0.874	5/8	UC211-32		4.62
211-33	2-1/16										UC211-33		4.56
211-34	2-1/8										UC211-34		4.51
211-35	2-3/16										UC211-35		4.45
UCCF212	60	175	143	29	20	19	86	65.1	25.4	M16	UC212	CF212	5.77
212-36	2-1/4	6-57/64	5-5/8	1-9/64	25/32	3/4	3-25/64	2.5630	1.000	5/8	UC212-36		5.90
212-37	2-5/16										UC212-37		5.82
212-38	2-3/8										UC212-38		5.75
212-39	2-7/16										UC212-39		5.68
UCCF213	65	187	149	30	22	19	89	65.1	25.4	M16	UC213	CF213	7.08
213-40	2-1/2	7-23/64	5-55/64	1-3/16	55/64	3/4	3-1/2	2.5630	1.000	5/8	UC213-40		7.17
213-41	2-9/16										UC213-41		7.08
UCCF214	70	193	152	31	22	19	98	74.6	30.2	M16	UC214	CF214	7.80
214-42	2-5/8	7-19/32	5-63/64	1-7/32	55/64	3/4	3-55/64	2.9370	1.189	5/8	UC214-42		8.01
214-43	2-11/16										UC214-43		7.91
214-44	2-3/4										UC214-44		7.81
UCCF215	75	200	159	34	22	19	102	77.8	33.3	M16	UC215	CF215	8.81
215-45	2-13/16	7-7/8	6-17/64	1-11/32	55/64	3/4	4-1/64	3.0630	1.311	5/8	UC215-45		9.06
215-46	2-7/8										UC215-46		8.95
215-47	2-15/16										UC215-47		8.84
215-48	3										UC215-48		8.72
UCCF216	80	208	165	34	22	23	107	82.6	33.3	M20	UC216	CF216	10.20
216-49	3-1/16	8-3/16	6-1/2	1-11/32	55/64	29/32	4-7/32	3.2520	1.311	3/4	UC216-49		10.38
216-50	3-1/8										UC216-50		10.25
216-51	3-3/16										UC216-51		10.12
UCCF217	85	220	175	36	24	23	111	85.7	34.1	M20	UC217	CF217	12.46
217-52	3-1/4	8-21/23	6-57/64	1-27/64	15/16	29/32	4-3/8	3.3740	1.343	3/4	UC217-52		12.68
217-53	3-5/16										UC217-53		12.54
217-55	3-7/16										UC217-55		12.25
UCCF218	90	235	187	40	24	23	122	96.0	39.7	M20	UC218	CF218	14.86
218-56	3-1/2	9-1/4	7-23/64	1-37/64	15/16	29/32	4-51/64	3.7795	1.5630	3/4	UC218-56		14.97

NCF2 (Normal-duty)

Flange Units (Square)

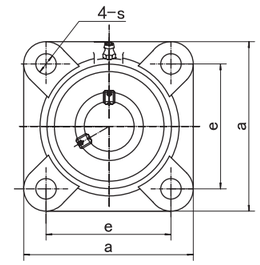


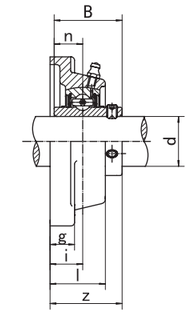


Unit NO.	Dimensions (mm / in.)											Bolt Size mm/in	Bearing No.	Housing No.	Weight (kg)
	d	d1	a	e	i	g	l	s	z	B1	n				
NCF204	20	44.5	86	64	15	12	25.5	12	34.8	33.4	12.7	M10	NC204	F204	0.69
204-12	3/4	1-3/4	3-3/8	2-32/64	19/32	15/32	1	15/32	1-3/8	1.315	0.500	3/8	NC204-12		
NCF205	25	49.2	95	70	16	14	27	12	38.2	36.5	14.3	M10	NC205	F205	0.94
205-14	7/8												NC205-14		
205-15	15/16	1-15/16	3-3/4	2-3/4	5/8	35/64	1-1/16	15/32	1-1/2	1.437	0.563	3/8	NC205-15		
205-16	1												NC205-16		
NCF206	30	55.6	108	83	18	14	31	12	41.8	39.7	15.9	M10	NC206	F206	1.22
206-18	1-1/8												NC206-18		
206-19	1-3/16	2-3/16	4-1/4	3-17/64	45/64	35/64	1-7/32	15/32	1-21/32	1.563	0.626	3/8	NC206-19		
206-20	1-1/4												NC206-20		
NCF207	35	65.1	117	92	19	16	34	14	46.0	44.5	17.5	M12	NC207	F207	1.69
207-20	1-1/4	2-7/16											NC207-20		
207-22	1-3/8	2-9/16	4-39/64	3-5/8	3/4	5/8	1-11/32	35/64	1-13/16	1.752	0.740	7/16	NC207-22		
207-23	1-7/16												NC207-23		
NCF208	40	68.3	130	102	21	16	36	16	52.8	50.8	19.0	M14	NC208	F208	2.07
208-24	1-1/2	2-11/16	5-1/8	4-1/64	53/64	5/8	1-13/32	5/8	2-3/32	2	0.748	1/2	NC208-24		
NCF209	45	74.6	137	105	22	18	38	16	53.8	50.8	19.0	M14	NC209	F209	2.45
209-26	1-5/8	2-13/16											NC209-26		
209-27	1-11/16	2-15/16	7-15/32	5-53/64	55/64	23/32	1-1/2	5/8	2-1/8	2	0.748	1/2	NC209-27		
209-28	1-3/4												NC209-28		
NCF210	50	85.7	143	111	22	18	40	16	56.1	53.1	19.0	M16	NC210	F210	3.00
210-31	1-15/16	3-3/8	5-5/8	4-3/8	55/64	23/32	1-37/64	5/8	2-7/32	2.091	0.748	5/8	NC210-31		
210-32	2												NC210-32		
NCF211	55	92.1	162	130	25	20	43	19	59.9	57.1	22.2	M16	NC211	F211	3.63
210-32	2	3-1/2	6-3/8	5-1/8	63/64	25/32	1-11/16	3/4	2-11/32	2.248	0.874	5/8	NC211-32		
211-35	2-3/16	3-5/8											NC211-35		
NCF212	60	104.8	175	143	29	20	48	19	70.3	66.7	25.4	M16	NC212	F212	4.76
212-36	2-1/4	4-1/16	6-7/8	5-5/8	1-9/64	25/32	1-7/8	3/4	2-25/32	2.626	1.000	5/8	NC212-36		
212-39	2-7/16	4-1/8											NC212-39		

Flange Units (Square)

UCFX (Medium-duty)

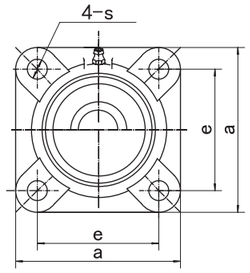


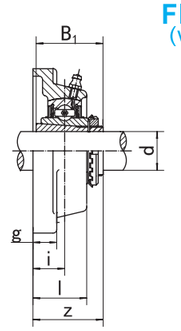


Unit NO.	Dimensions (mm / in.)										Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	z	B	n				
UCFX05	25	108	83	18	13	30	12	40.2	38.1	15.9	M10	UCX05	FX05	1.10
X05-13	13/16	4-1/4	3-17/64	45/64	1/2	1-3/16	15/32	1-19/32	1.5000	0.626	3/8	UCX05-13		
X05-14	7/8											UCX05-14		
X05-15	15/16											UCX05-15		
X05-16	1											UCX05-16		
UCFX06	30	117	92	19	14	34	16	44.4	42.9	17.5	M14	UCX06	FX06	1.40
X06-17	1-1/16	4-39/64	3-5/8	3/4	9/16	1-11/32	5/8	1-3/4	1.6890	0.689	1/2	UCX06-17		
X06-18	1-1/8											UCX06-18		
X06-19	1-3/16											UCX06-19		
X06-20	1-1/4											UCX06-20		
UCFX07	35	130	102	21	14	38	16	51.2	49.2	19	M14	UCX07	FX07	1.80
X07-21	1-5/16	5-1/8	4-1/64	53/64	9/16	1-1/2	5/8	2-1/64	1.9370	0.748	1/2	UCX07-21		
X07-22	1-3/8											UCX07-22		
X07-23	1-7/16											UCX07-23		
UCFX08	40	137	105	22	14	40	19	52.2	49.2	19	M16	UCX08	FX08	2.10
X08-24	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		
X08-25	1-9/16											UCX08-25		
UCFX09	45	143	111	23	14	40	19	55.6	51.6	19	M16	UCX09	FX09	2.30
X09-26	1-5/8	5-5/8	4-3/8	29/32	9/16	1-9/16	3/4	2-3/16	2.0315	0.748	5/8	UCX09-26		
X09-27	1-11/16											UCX09-27		
X09-28	1-3/4											UCX09-28		
X09-29	1-13/16											UCX09-29		
UCFX10	50	162	130	26	20	44	19	59.4	55.6	22.2	M16	UCX10	FX10	3.30
X10-30	1-7/8	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	UCX10-30		
X10-31	1-15/16											UCX10-31		
X10-32	2											UCX10-32		
UCFX11	55	175	143	29	20	49	19	68.7	65.1	25.4	M16	UCX11	FX11	4.10
X11-33	2-1/16	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	UCX11-33		
X11-34	2-1/8											UCX11-34		
X11-35	2-3/16											UCX11-35		
X11-36	2-1/4											UCX11-36		
X11-37	2-5/16											UCX11-37		
UCFX12	60	187	149	34	21	59	19	73.7	65.1	25.4	M16	UCX12	FX12	5.30
X12-38	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		
X12-39	2-7/16											UCX12-39		
UCFX13	65	187	149	34	21	59	19	78.4	74.6	30.2	M16	UCX13	FX13	5.40
X13-40	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		
X13-41	2-9/16											UCX13-41		
UCFX14	70	197	152	37	24	60	23	81.5	77.8	33.3	M20	UCX14	FX14	6.30
X14-42	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		
X14-43	2-11/16											UCX14-43		
X14-44	2-3/4											UCX14-44		
UCFX15	75	197	152	40	24	68	23	89.3	82.6	33.3	M20	UCX15	FX15	7.60
X15-45	2-13/16	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	UCX15-45		
X15-46	2-7/8											UCX15-46		
X15-47	2-15/16											UCX15-47		
X15-48	3											UCX15-48		
UCFX16	80	214	171	40	24	70	23	91.6	85.7	34.1	M20	UCX16	FX16	9.40
X16-49	3-1/16	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	UCX16-49		
X16-50	3-1/8											UCX16-50		
X16-51	3-3/16											UCX16-51		
X16-52	3-1/4											UCX16-52		
UCFX17	85	214	171	40	24	70	23	96.3	96	39.7	M20	UCX17	FX17	10.40
X17-53	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		
X17-55	3-7/16											UCX17-55		
UCFX18	90	214	171	45	24	76	23	106.1	104	42.9	M20	UCX18	FX18	11.70
X18-56	3-1/2	8-7/16	6-47/64	1-49/64	15/16	3	29/32	4-3/16	4.0945	1.689	3/4	UCX18-56		
UCFX20	100	268	211	59	31	97	31	127.3	117.5	49.2	M27	UCX20	FX20	20.20
X20-64	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 (Medium-duty)

Flange Units (Square) (with adapter mounted)

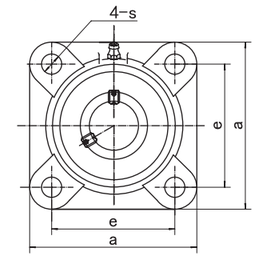


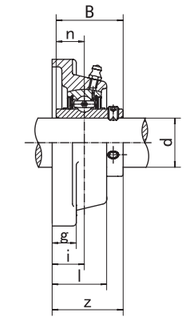


Unit No.	Dimensions (mm / in.)									Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	z	B1				
UKFX05;H2305	20	108	83	18	13	30	12	39	35	M10	UKX05;H2305	FX05	1.10
X05;HE2305	3/4	4-1/4	3-17/64	45/64	1/2	1-3/16	15/32	1-17/32	1.378	3/8	UKX05;HE2305		
UKFX06;H2306	25	117	92	19	14	34	16	42	38	M14	UKX06;H2306	FX06	1.40
X06;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	UKX06;HS2306		
X06;HE2306	1										UKX06;HE2306		
UKFX07;H2307	30	130	102	21	14	38	16	46	43	M14	UKX07;H2307	FX07	1.80
X07;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	UKX07;HS2307		
UKFX08;H2308	35	137	105	22	14	40	19	48	46	M16	UKX08;H2308	FX08	2.10
X08;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	UKX08;HE2308		
X08;HS2308	1-3/8										UKX08;HS2308		
UKFX09;H2309	40	143	111	23	14	40	19	50	50	M16	UKX09;H2309	FX09	2.40
X09;HA2309	1-7/16										UKX09;HA2309		
X09;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	UKX09;HE2309		
X09;HS2309	1-5/8										UKX09;HS2309		
UKFX10;H2310	45	162	130	26	20	44	19	56	55	M16	UKX10;H2310	FX10	3.40
X10;HS2310	1-5/8										UKX10;HS2310		
X10;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	UKX10;HA2310		
X10;HE2309	1-3/4										UKX10;HE2309		
UKFX11;H2311	50	175	143	29	20	49	19	60	59	M16	UKX11;H2311	FX11	4.20
X11;HS2311	1-7/8										UKX11;HS2311		
X11;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	UKX11;HA2311		
X11;HE2311	2										UKX11;HE2311		
UKFX12;H2312	55	187	149	34	21	59	19	67	62	M16	UKX12;H2312	FX12	5.10
X12;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	UKX12;HS2312		
UKFX13;H2313	60	187	149	34	21	59	19	68	65	M16	UKX13;H2313	FX13	5.50
X13;HA2313	2-3/16										UKX13;HA2313		
X13;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	UKX13;HE2313		
X13;HS2313	2-3/8										UKX13;HS2313		
UKFX15;H2315	65	197	152	40	24	68	23	78	73	M20	UKX15;H2315	FX15	7.60
X15;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	UKX15;HA2315		
X15;HS2315	2-1/2										UKX15;HS2315		
UKFX16;H2316	70	214	171	40	24	70	23	80	78	M20	UKX16;H2316	FX16	9.30
X16;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	UKX16;HA2316		
X16;HS2316	2-3/4										UKX16;HS2316		
UKFX17;H2317	75	214	171	40	24	70	23	82	82	M20	UKX17;H2317	FX17	10.10
X17;HA2317	2-15/16	8-7/16	6-47/64	1-37/64	15/16	2-3/4	29/32	3-13/64	3.228	3/4	UKX17;HA2317		
X17;HE2317	3										UKX17;HE2317		
UKFX18;H2318	80	214	171	45	24	76	23	88	86	M20	UKX18;H2318	FX18	11.50
X18;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	UKX18;HA2318		
UKFX20;H2320	90	268	211	59	31	97	31	106	97	M27	UKX20;H2320	FX20	19.10
X20;HA2320	3-1/2	10-9/16	8-5/16	2-21/64	1-7/32	3-13/16	1-7/32	4-3/64	3.819	1	UKX20;HA2320		

Flange Units (Square)

UCF3 (Heavy-duty)

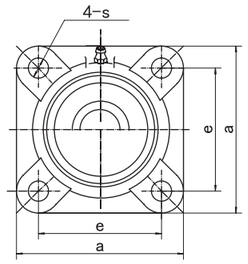


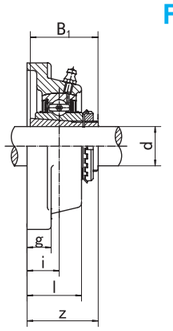


Unit NO.	Dimensions (mm / in.)										Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	z	B	n				
UCF305	25	110	80	16	13	29	16	39	38	15	M14	UC305	F305	1.10
305-13	13/16											UC305-13		
305-14	7/8	4-11/32	3-5/32	5/8	1/2	1-5/32	5/8	1-17/32	1.4961	0.591	1/2	UC305-14		
305-15	15/16											UC305-15		
305-16	1											UC305-16		
UCF306	30	125	95	18	15	32	16	44	43	17	M14	UC306	F306	1.50
306-17	1-1/16											UC306-17		
306-18	1-1/8	4-29/32	3-47/64	45/64	19/32	1-1/4	5/8	1-47/64	1.6929	0.669	1/2	UC306-18		
306-19	1-3/16											UC306-19		
UCF307	35	135	100	20	16	36	19	49	48	19	M16	UC307	F307	2.00
307-20	1-1/4											UC307-20		
307-21	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		
307-22	1-3/8											UC307-22		
307-23	1-7/16											UC307-23		
UCF308	40	150	112	23	17	40	19	56	52	19	M16	UC308	F308	2.60
308-24	1-1/2	5-29/32	4-13/32	29/32	21/32	1-9/16	3/4	2-13/64	2.0472	0.748	5/8	UC308-24		
308-25	1-9/16											UC308-25		
UCF309	45	160	125	25	18	44	19	60	57	22	M16	UC309	F309	3.40
309-26	1-5/8											UC309-26		
309-27	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		
309-28	1-3/4											UC309-28		
UCF310	50	175	132	28	19	48	23	67	61	22	M20	UC310	F310	4.50
310-29	1-13/16											UC310-29		
310-30	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		
310-31	1-15/16											UC310-31		
UCF311	55	185	140	30	20	52	23	71	66	25.0	M20	UC311	F311	5.50
311-32	2											UC311-32		
311-33	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		
311-34	2-1/8											UC311-34		
311-35	2-3/16											UC311-35		
UCF312	60	195	150	33	22	56	23	78	71	26.0	M20	UC312	F312	6.50
312-36	2-1/4											UC312-36		
312-37	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		
312-38	2-3/8											UC312-38		
312-39	2-7/16											UC312-39		
UCF313	65	208	166	33	22	58	23	78	75	30	M20	UC313	F313	7.90
313-40	2-1/2	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	UC313-40		
313-41	2-9/16											UC313-41		
UCF314	70	226	178	36	25	61	25	81	78	33	M22	UC314	F314	9.60
314-42	2-5/8											UC314-42		
314-43	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		
314-44	2-3/4											UC314-44		
UCF315	75	236	184	39	25	66	25	89	82	32.0	M22	UC315	F315	11.00
315-45	2-13/16											UC315-45		
315-46	2-7/8	9-9/32	7-1/4	1-17/32	31/32	2-19/32	63/64	3-1/2	3.2283	1.260	7/8	UC315-46		
315-47	2-15/16											UC315-47		
315-48	3											UC315-48		
UCF316	80	250	196	38	27	68	31	90	86	34	M27	UC316	F316	13.30
316-49	3-1/16											UC316-49		
316-50	3-1/8	9-27/32	7-23/32	1-1/2	1-1/16	2-11/16	1-7/32	3-35/64	3.3858	1.339	1	UC316-50		
316-51	3-3/16											UC316-51		
UCF317	85	260	204	44	27	74	31	100	96	40	M27	UC317	F317	15.30
317-52	3-1/4											UC317-52		
317-53	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		
317-54	3-7/16											UC317-55		
UCF318	90	280	216	44	30	76	35	100	96	40	M30	UC318	F318	18.60
318-55	3-7/16	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	UC318-55		
318-56	3-1/2											UC318-56		
UCF319	95	290	228	59	30	94	35	121	103	41	M30	UC319	F319	22.80
319-58	3-5/8											UC319-58		
319-59	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		
319-60	3-3/4											UC317-60		
UCF320	100	310	242	59	32	94	38	125	108	42	M33	UC320	F320	26.10
320-64	4	12-7/32	9-17/32	2-21/64	1-1/4	3-11/16	1-1/2	4-29/32	4.252	1.654	1-1/4	UC320-64		
UCF322	110	340	266	60	35	96	41	131	117	46	M36	UC322	F322	34.90
		13-3/8	10-15/32	2-23/64	1-3/8	3-25/32	1-39/64	5-5/32	4.6063	1.8110				
UCF324	120	370	290	65	40	110	41	140	126	51	M36	UC324	F324	46.80
		14-9/16	11-27/64	2-9/16	1-9/16	4-11/32	1-39/64	5-1/2	4.9606	2.0079				
UCF326	130	410	320	65	45	115	41	146	135	54	M36	UC326	F326	62.60
		16-5/32	12-19/32	2-9/16	1-25/32	4-17/32	1-39/64	5-3/4	5.3150	2.1260				
UCF328	140	450	350	75	55	125	41	161	145	59	M36	UC328	F328	85.50
		17-23/32	13-25/32	2-61/64	2-5/32	4-29/32	1-39/64	6-11/32	5.7086	2.3228				

UKF3 (Heavy-duty)

Flange Units (Square) (with adapter mounted)

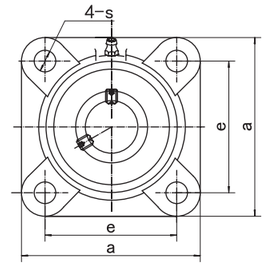


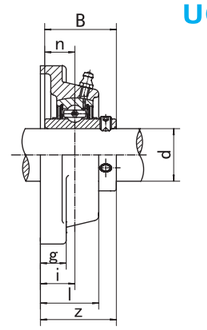


Unit NO.	Dimensions (mm / in.)									Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	z	B_1				
UKF305;H2305	20	110	80	16	13	29	16	37.0	35.0	M14	UK305;H2305	F305	1.10
305;HE2305	3/4	4-11/32	3-5/32	5/8	1/2	1-5/32	5/8	1-29/64	1.378	1/2	UK305;HE2305		
UKF306;H2306	25	125	95	18	15	32	16	40.5	38.0	M14	UK306;H2306	F306	1.60
306;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		
306;HE2306	1										UK306;HE2306		
UKF307;H2307	30	135	100	20	16	36	19	44.5	43.0	M16	UK307;H2307	F307	2.00
307;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	50.0	46.0	M16	UK308;H2308	F308	2.70
308;HE2308	1-1/4	5-29/32	4-13/32	29/32	21/32	1-9/16	3/4	2-31/32	1.811	5/8	UK308;HE2308		
308;HS2308	1-3/8										UK308;HS2308		
UKF309;H2309	40	160	125	25	18	44	19	54.5	50.0	M16	UK309;H2309	F309	3.40
309;HA2309	1-7/16										UK309;HA2309		
309;HE2309	1-1/2	6-6/16	4-59/64	63/64	23/32	1-23/32	3/4	2-9/64	1.969	5/8	UK309;HE2309		
309;HS2309	1-5/8										UK309;HS2309		
UKF310;H2310	45	175	132	28	19	48	23	60.0	55.0	M20	UK310;H2310	F310	4.60
310;HS2310	1-5/8										UK310;HS2310		
310;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		
310;HE2309	1-3/4										UK310;HE2309		
UKF311;H2311	50	185	140	30	20	52	23	63.5	59.0	M20	UK311;H2311	F311	5.50
311;HS2311	1-7/8										UK311;HS2311		
311;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		
311;HE2311	2										UK311;HE2311		
UKF312;H2312	55	195	150	33	22	56	23	69.0	62.0	M20	UK312;H2312	F312	6.80
312;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	5/8	UK312;HS2312		
UKF313;H2313	60	208	166	33	22	58	23	71.0	65.0	M20	UK313;H2313	F313	7.80
313;HA2313	2-3/16										UK313;HA2313		
313;HE2313	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;HE2313		
313;HS2313	2-3/8										UK313;HS2313		
UKF315;H2315	65	236	184	39	25	66	25	81.0	73.0	M22	UK315;H2315	F315	11.20
315;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		
315;HE2315	2-1/2										UK315;HE2315		
UKF316;H2316	70	250	196	38	27	68	31	83.5	78.0	M27	UK316;H2316	F316	13.50
316;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		
316;HE2316	2-3/4										UK316;HE2316		
UKF317;H2317	75	260	204	44	27	74	31	92.0	82.0	M27	UK317;H2317	F317	15.60
317;HA2317	2-15/16	10-1/4	8-1/32	1-47/64	1-1/16	2-29/32	1-7/32	3-5/8	3.228	1	UK317;HA2317		
317;HE2317	3										UK317;HE2317		
UKF318;H2318	80	280	216	44	30	76	35	93.5	86.0	M30	UK318;H2318	F318	18.90
318;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	90.0	M30	UK319;H2319	F319	23.20
319;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	115.0	97.0	M33	UK320;H2320	F320	26.30
320;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	121.0	105.0	M36	UKF322;H2322	F322	35.30
322;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	UKF322;HA2322		
UKF324;H2324	110	370	290	65	40	110	41	130.0	112.0	M36	UK324;H2324	F324	47.70
324;HA2324	4-3/16	14-9/16	11-27/64	2-9/16	1-9/16	4-11/32	1-39/64	5-1/8	4.41	1-3/8	UK324;HA2324		
UKF326;H2326	115	410	320	65	45	115	41	134.0	121.0	M36	UK326;H2326	F326	63.10
326;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	450	350	75	55	125	41	148.0	131.0	M36	UK328;H2328	F328	87.00
328;HA2328	4-15/16	17-23/32	13-25/32	2-61/64	2-5/32	4-29/32	1-39/64	5-53/64	5.158	1-3/8	UK328;HA2328		

Flange Units (Square)

UCFU2 (Normal-duty)

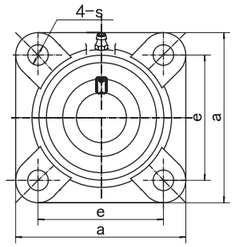


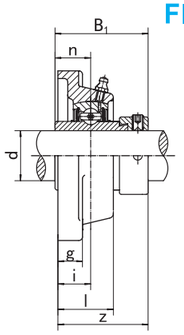


Unit NO.	Dimensions (mm / in.)										Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	z	B	n				
UCSFU203	17	76.0	54.0	15.0	11.0	25.5	12.0	30.9	27.4	11.5	M10	UCS203	FU203S	0.38
		3	2-1/8	19/32	7/16	1	15/32	1-7/32	1.0787	0.453	3/8			
UCFU203	17	86.0	63.5	19.0	15.0	29.5	12.0	37.3	31.0	12.7	M10	UC203	FU203	0.64
203-11	11/16	3-3/8	2-1/2	3/4	19/32	1-5/32	15/32	1-15/32	1.2205	0.500	3/8	UC203-11		0.63
UCFU204	20	86.0	63.5	19.0	15.0	29.5	12.0	37.3	31.0	12.7	M10	UC204	FU204	0.62
204-12	3/4	3-3/8	2-1/2	3/4	19/32	1-5/32	15/32	1-15/32	1.2205	0.500	3/8	UC204-12		0.62
UCFU205	25	93.0	70.0	19.0	15.0	30.0	12.0	38.8	34.1	14.3	M10	UC205	FU205	0.73
205-13	13/16	3-21/32	2-3/4	3/4	19/32	1-3/16	15/32	1-17/32	1.3425	0.563	3/8	UC205-13		0.77
205-14	7/8											UC205-14		0.76
205-15	15/16											UC205-15		0.74
205-16	1											UC205-16		0.73
UCFU206	30	106.0	82.5	20.0	16.0	32.5	12.0	42.2	38.1	15.9	M10	UC206	FU206	1.04
206-17	1-1/16	4-11/64	3-1/4	25/32	5/8	1-9/32	15/32	1-21/32	1.5000	0.626	3/8	UC206-17		1.05
206-18	1-1/8											UC206-18		1.06
206-19	1-3/16											UC206-19		1.04
206-20	1-1/4											UC206-20		1.03
UCFU207	35	116.0	92.0	21.0	17.0	35.0	14.0	46.4	42.9	17.5	M12	UC207	FU207	1.33
207-20	1-1/4	4-9/16	3-5/8	53/64	43/64	1-3/8	35/64	1-53/64	1.6890	0.689	7/16	UC207-20		1.40
207-21	1-5/16											UC207-21		1.37
207-22	1-3/8											UC207-22		1.34
207-23	1-7/16											UC207-23		1.31
UCFU208	40	129.0	101.5	24.0	17.0	39.0	14.0	54.2	49.2	19.0	M12	UC208	FU208	1.78
208-24	1-1/2	5-5/64	4	15/16	43/64	1-17/32	35/64	2-1/8	1.9370	0.748	7/16	UC208-24		1.82
208-25	1-9/16											UC208-25		1.79
UCFU209	45	135.0	105.0	24.0	18.0	40.0	16.0	54.2	49.2	19.0	M14	UC209	FU209	1.98
209-26	1-5/8	5-5/16	4-9/64	15/16	23/32	1-37/64	5/8	2-1/8	1.9370	0.748	1/2	UC209-26		2.08
209-27	1-11/16											UC209-27		2.04
209-28	1-3/4											UC209-28		2.00
UCFU210	50	143.0	111.0	28.0	20.0	45.0	18.0	60.6	51.6	19.0	M16	UC210	FU210	2.41
210-29	1-13/16	5-5/8	4-3/8	1-3/32	25/32	1-49/64	23/32	2-25/64	2.0315	0.748	5/8	UC210-29		2.53
210-30	1-7/8											UC210-30		2.48
210-31	1-15/16											UC210-31		2.43
210-32	2											UC210-32		2.39
UCFU211	55	162.0	130.0	31.0	21.0	49.0	18.0	64.4	55.6	22.2	M16	UC211	FU211	3.29
211-32	2	6-3/8	5-1/8	1-7/32	53/64	1-59/64	23/32	2-17/32	2.1890	0.874	5/8	UC211-32		3.44
211-33	2-1/16											UC211-33		3.38
211-34	2-1/8											UC211-34		3.34
211-35	2-3/16											UC211-35		3.27
UCFU212	60	175.0	143.0	34.0	22.0	53.5	18.0	73.7	65.1	25.4	M16	UC212	FU212	4.15
212-36	2-1/4	6-57/64	5-5/8	1-11/32	55/64	1-7/64	23/32	2-29/32	2.5630	1.000	5/8	UC212-36		4.28
212-37	2-5/16											UC212-37		4.20
212-38	2-3/8											UC212-38		4.13
212-39	2-7/16											UC212-39		4.06
UCFU213	65	184.0	149.0	38.0	22.0	58.0	18.0	77.7	65.1	25.4	M16	UC213	FU213	4.97
213-40	2-1/2	7-1/4	5-55/64	1-1/2	55/64	2-9/32	23/32	3-1/16	2.5630	1.000	5/8	UC213-40		5.06
213-41	2-9/16											UC213-41		4.97
UCFU214	70	188.0	152.0	38.0	23.0	59.0	18.0	82.4	74.6	30.2	M16	UC214	FU214	5.44
214-42	2-5/8	7-13/32	5-63/64	1-1/2	29/32	2-21/64	23/32	3-1/4	2.9370	1.189	5/8	UC214-42		5.65
214-43	2-11/16											UC214-43		5.55
214-44	2-3/4											UC214-44		5.45
UCFU215	75	200.0	159.0	41.0	24.0	62.0	18.0	85.5	77.8	33.3	M16	UC215	FU215	6.28
215-45	2-13/16	7-7/8	6-17/64	1-39/64	15/16	2-7/16	23/32	3-23/64	3.0630	1.311	5/8	UC215-45		6.28
215-46	2-7/8											UC215-46		6.53
215-47	2-15/16											UC215-47		6.42
215-48	3											UC215-48		6.22

HCFU2 (Normal-duty)

Flange Units (Square)

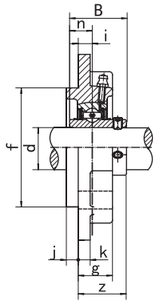


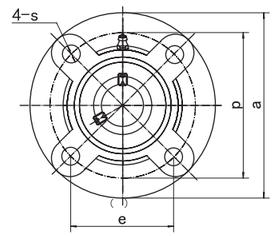


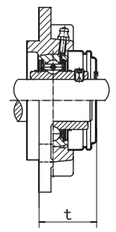
Unit NO.	Dimensions (mm / in.)										Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	z	B1	n				
HCFU203	17	86	63.5	19	15	29.5	12	45.6	43.7	17.1	M10	HC203	FU203	0.70
203-11	11/16	3-3/8	2-1/2	3/4	19/32	1-5/32	15/32	1-51/64	1.720	0.673	3/8	HC203-11		0.70
HCFU204	20	86	63.5	19	15	29.5	12	45.6	43.7	17.1	M10	HC204	FU204	0.68
204-12	3/4	3-3/8	2-1/2	3/4	19/32	1-5/32	15/32	1-51/64	1.720	0.673	3/8	HC204-12		0.68
HCFU205	25	93	70	19	15	30	12	45.9	44.4	17.5	M10	HC05	FU205	0.79
205-13	13/16	3-21/32	2-3/4	3/4	19/32	1-3/16	15/32	1-13/16	1.748	0.689	3/8	HC205-13		0.84
205-14	7/8											HC205-14		0.83
205-15	15/16											HC205-15		0.81
205-16	1											HC205-16		0.79
HCFU206	30	106	82.5	20	16	32.5	12	50.1	48.4	18.3	M10	HC206	FU206	1.11
206-17	1-1/16	4-11/64	3-1/4	25/32	5/8	1-9/32	15/32	1-31/32	1.906	0.720	3/8	HC206-17		1.16
206-18	1-1/8											HC206-18		1.13
206-19	1-3/16											HC206-19		1.11
206-20	1-1/4											HC206-20		1.08
HCFU207	35	116	92	21	17	35	14	53.3	51.1	18.8	M12	HC207	FU207	1.47
207-20	1-1/4	4-9/16	3-5/8	53/64	43/64	1-3/8	35/64	2-3/32	2.012	0.740	7/16	HC207-20		1.54
207-21	1-5/16											HC207-21		1.50
207-22	1-3/8											HC207-22		1.47
207-23	1-7/16											HC207-23		1.45
HCFU208	40	129	101.5	24	17	39	14	58.9	56.3	21.4	M12	HC208	FU208	1.91
208-24	1-1/2	5-5/64	4	15/16	43/64	1-17/32	35/64	2-5/16	2.217	0.843	7/16	HC208-24		1.96
208-25	1-9/16											HC208-25		1.92
HCFU209	45	135	105	24	18	40	16	58.9	56.3	21.4	M14	HC209	FU209	2.11
209-26	1-5/8	5-5/16	4-9/64	15/16	23/32	1-37/64	5/8	2-5/16	2.217	0.843	1/2	HC209-26		2.22
209-27	1-11/16											HC209-27		2.17
209-28	1-3/4											HC209-28		2.13
HCFU210	50	143	111	28	20	45	18	66.1	62.7	24.6	M16	HC210	FU210	2.60
210-29	1-13/16	5-5/8	4-3/8	1-3/32	25/32	1-49/64	23/32	2-39/64	2.469	0.969	5/8	HC210-29		2.75
210-30	1-7/8											HC210-30		2.69
210-31	1-15/16											HC210-31		2.63
210-32	2											HC210-32		2.57
HCFU211	55	162	130	31	21	49	18	74.6	71.4	27.8	M16	HC211	FU211	3.56
211-32	2	6-3/8	5-1/8	1-7/32	53/64	1-59/64	23/32	2-15/16	2.811	1.094	5/8	HC211-32		3.86
211-33	2-1/16											HC211-33		3.68
211-34	2-1/8											HC211-34		3.61
211-35	2-3/16											HC211-35		3.53
HCFU212	60	175	143	34	22	53.5	18	80.8	77.8	31	M16	HC212	FU212	4.46
212-36	2-1/4	6-57/64	5-5/8	1-11/32	55/64	1-7/64	23/32	3-3/16	3.063	1.220	5/8	HC212-36		4.48
212-37	2-5/16											HC212-37		4.53
212-38	2-3/8											HC212-38		4.47
212-39	2-7/16											HC212-39		4.45
HCFU213	65	184	149	38	22	58	18	89.6	85.7	34.1	M16	HC213	FU213	5.51
213-40	2-1/2	7-1/4	5-55/64	1-1/2	55/64	2-9/32	23/32	3-17/32	3.374	1.343	5/8	HC213-40		5.62
213-41	2-9/16											HC213-41		5.50
HCFU214	70	188	152	38	23	59	18	89.6	85.7	34.1	M16	HC214	FU214	5.86
214-42	2-5/8	7-13/32	5-63/64	1-1/2	29/32	2-21/64	23/32	3-17/32	3.374	1.343	5/8	HC214-42		5.80
214-43	2-11/16											HC214-43		5.99
214-44	2-3/4											HC214-44		5.87
HCFU215	75	200	159	41	24	62	18	95.8	92.1	37.3	M16	HC215	FU215	6.77
215-45	2-13/16	7-7/8	6-17/64	1-39/64	15/16	2-7/16	23/32	3-49/64	3.626	1.469	5/8	HC215-45		7.07
215-46	2-7/8											HC215-46		6.94
215-47	2-15/16											HC215-47		6.81
215-48	3											HC215-48		6.67

Flange Cartridge Units

UCFC2 (Normal-duty)





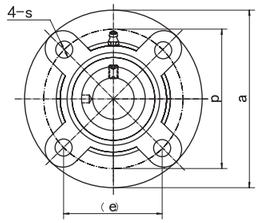


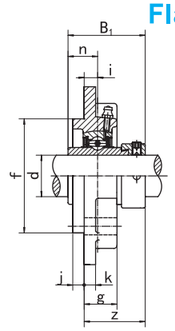
UCFC-C1(D1)

Unit NO.	Dimensions (mm / in.)														Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	p	(e)	i	s	j	k	g	f	z	t	B	n				
UCFC201	12	100	78	55.1	10	12	5	7	20.5	62	28.3	32.5	31.0	12.7	M10	UC201	FC201	0.70
201-8	1/2	3-15/16	3-5/64	2-11/64	25/64	15/32	13/64	9/32	13/16	2.4409	1-1/8	1-9/32	1.2205	0.500	3/8	UC201-8		0.69
UCFC202	15	100	78	55.1	10	12	5	7	20.5	62	28.3	32.5	31.0	12.7	M10	UC202	FC202	0.69
202-9	9/16	3-15/16	3-5/64	2-11/64	25/64	15/32	13/64	9/32	13/16	2.4409	1-1/8	1-9/32	1.2205	0.500	3/8	UC202-9		0.69
202-10	5/8															UC202-10		0.69
UCFC203	17	100	78	55.1	10	12	5	7	20.5	62	28.3	32.5	31.0	12.7	M10	UC203	FC203	0.68
203-11	11/16	3-15/16	3-5/64	2-11/64	25/64	15/32	13/64	9/32	13/16	2.4409	1-1/8	1-9/32	1.2205	0.500	3/8	UC203-11		0.67
UCFC204	20	100	78	55.1	10	12	5	7	20.5	62	28.3	32.5	31.0	12.7	M10	UC204	FC204	0.66
204-12	3/4	3-15/16	3-5/64	2-11/64	25/64	15/32	13/64	9/32	13/16	2.4409	1-1/8	1-9/32	1.2205	0.500	3/8	UC204-12		0.66
UCFC205	25	115	90	63.6	10	12	6	7	21	70	29.8	34.0	34.1	14.3	M10	UC205	FC205	0.89
205-13	13/16	4-17/32	3-35/64	2-1/2	25/64	15/32	15/64	9/32	53/64	2.7559	1-11/64	1-11/32	1.3425	0.563	3/8	UC205-13		0.92
205-14	7/8															UC205-14		0.91
205-15	15/16															UC205-15		0.89
205-16	1															UC205-16		0.88
UCFC206	30	125	100	70.7	10	12	8	8	23	80	32.2	36.5	38.1	15.9	M10	UC206	FC206	1.18
206-17	1-1/16	4-59/64	3-15/16	2-25/32	25/64	15/32	5/16	5/16	29/32	3.1496	1-17/64	1-7/16	1.5000	0.626	3/8	UC206-17		1.19
206-18	1-1/8															UC206-18		1.20
206-19	1-3/16															UC206-19		1.18
206-20	1-1/4															UC206-20		1.17
UCFC207	35	135	110	77.8	11	14	8	9	26	90	36.4	41.0	42.9	17.5	M12	UC207	FC207	1.53
207-20	1-1/4	5-5/16	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		1.59
207-21	1-5/16															UC207-21		1.56
207-22	1-3/8															UC207-22		1.53
207-23	1-7/16															UC207-23		1.50
UCFC208	40	145	120	84.8	11	14	10	9	26	100	41.2	45.5	49.2	19.0	M12	UC208	FC208	1.85
208-24	1-1/2	5-45/64	4-23/32	3-11/32	7/16	35/64	25/64	23/64	1-1/32	3.9370	1-5/8	1-51/64	1.9370	0.748	7/16	UC208-24		1.89
208-25	1-9/16															UC208-25		1.86
UCFC209	45	160	132	93.3	10	16	12	14	26	105	40.2	44.5	49.2	19.0	M14	UC209	FC209	2.53
209-26	1-5/8	6-19/64	5-13/64	3-43/64	25/64	5/8	15/32	35/64	1-1/32	4.1339	1-37/64	1-3/4	1.9370	0.748	1/2	UC209-26		2.63
209-27	1-11/16															UC209-27		2.59
209-28	1-3/4															UC209-28		2.55
UCFC210	50	165	138	97.6	10	16	12	14	28	110	42.6	47.5	51.6	19.0	M14	UC210	FC210	2.78
210-29	1-13/16	6-1/2	5-7/16	3-27/32	25/64	5/8	15/32	35/64	1-7/64	4.3307	1-11/16	1-7/8	2.0315	0.748	1/2	UC210-29		2.90
210-30	1-7/8															UC210-30		2.85
210-31	1-15/16															UC210-31		2.80
210-32	2															UC210-32		2.76
UCFC211	55	185	150	106.1	13	19	12	15	31	125	46.4	51.0	55.6	22.2	M16	UC211	FC211	3.86
211-32	2	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		4.01
211-33	2-1/16															UC211-33		3.95
211-34	2-1/8															UC211-34		3.91
211-35	2-3/16															UC211-35		3.84
UCFC212	60	195	160	113.1	17	19	12	15	36	135	56.7	61.5	65.1	25.4	M16	UC212	FC212	4.69
212-36	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		4.82
212-37	2-5/16															UC212-37		4.74
212-38	2-3/8															UC212-38		4.67
212-39	2-7/16															UC212-39		4.60
UCFC213	65	205	170	120.2	16	19	14	15	36	145	55.7	60.5	65.1	25.4	M16	UC213	FC213	5.30
213-40	2-1/2	8-5/64	6-11/16	4-47/64	5/8	3/4	35/64	19/32	1-27/64	5.5118	2-3/16	2-25/64	2.5630	1.000	5/8	UC213-40		5.39
213-41	2-9/16															UC213-41		5.30
UCFC214	70	215	177	125.1	17	19	14	18	40	150	61.4	67.5	74.6	30.2	M16	UC214	FC214	6.46
214-42	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	2-13/32	2-21/32	2.9370	1.189	5/8	UC214-42		6.67
214-43	2-11/16															UC214-43		6.57
214-44	2-3/4															UC214-44		6.47
UCFC215	75	220	184	130.1	18	19	16	18	40	160	62.5	67.5	77.8	33.3	M16	UC215	FC215	6.86
215-45	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	2-21/32	3.0630	1.311	5/8	UC215-45		6.86
215-46	2-7/8															UC215-46		7.11
215-47	2-15/16															UC215-47		7.00
215-48	3															UC215-48		6.80
UCFC216	80	240	200	141.4	18	23	16	18	42	170	67.3	72.5	82.6	33.3	M20	UC216	FC216	8.47
216-49	3-1/16	9-29/64	7-7/8	5-9/16	23/32	29/32	5/8	23/32	1-21/32	6.6929	2-21/32	2-55/64	3.2520	1.311	3/4	UC216-49		8.65
216-50	3-1/8															UC216-50		8.52
216-51	3-3/16															UC216-51		8.39
UCFC217	85	250	208	147.1	18	23	18	20	45	180	69.6	74.6	85.7	34.1	M20	UC217	FC217	10.18
217-52	3-1/4	9-27/32	8-3/16	5-51/64	23/32	29/32	23/32	25/32	1-25/32	7.0866	2-3/4	2-15/16	3.3740	1.343	3/4	UC217-52		10.30
217-53	3-5/16															UC217-53		10.26
217-55	3-7/16															UC217-55		9.97
UCFC218	90	265	220	155.5	22	23	18	20	50	190	78.3	83.5	96.0	39.7	M20	UC218	FC218	12.24
218-56	3-1/2	10-7/16	8-21/32	6-1/8	55/64	29/32	23/32	25/32	1-31/32	7.4803	3-3/32	3-9/32	3.7795	1.5630	3/4	UC218-56		12.35

HCFC2 (Normal-duty)

Flange Cartridge Units

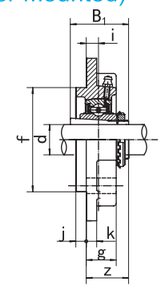


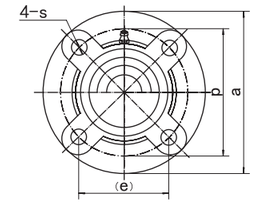


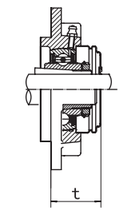
Unit NO.	Dimensions (mm / in.)													Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	p	(e)	i	s	j	k	g	f	z	B1	n				
HCFC204	20	100	78	55.1	10	12	5	7	20.5	62	36.6	43.7	17.1	M10	HC204	FC204	0.72
204-12	3/4	3-15/16	3-5/64	2-11/64	25/64	15/32	13/64	9/32	13/16	2.4409	1-7/16	1.720	0.673	3/8	HC204-12		0.72
HCFC205	25	115	90	63.6	10	12	6	7	21	70	36.9	44.4	17.5	M10	HC205	FC205	0.94
205-13	13/16	4-17/32	3-35/64	2-1/2	25/64	15/32	15/64	9/32	53/64	2.7559	1-29/64	1.748	0.689	3/8	HC205-13		0.99
205-14	7/8														HC205-14		0.98
205-15	15/16														HC205-15		0.96
205-16	1														HC205-16		0.94
HCFC206	30	125	100	70.7	10	12	8	8	23	80	40.1	48.4	18.3	M10	HC206	FC206	1.25
206-17	1-1/16	4-59/64	3-15/16	2-25/32	25/64	15/32	5/16	5/16	29/32	3.1496	1-37/64	1.906	0.720	3/8	HC206-17		1.30
206-18	1-1/8														HC206-18		1.27
206-19	1-3/16														HC206-19		1.25
206-20	1-1/4														HC206-20		1.22
HCFC207	35	135	110	77.8	11	14	8	9	26	90	43.3	51.1	18.8	M12	HC207	FC207	1.67
207-20	1-1/4	5-5/16	4-21/64	3-1/16	7/16	35/64	5/16	23/64	1-1/32	3.5433	1-45/64	2.012	0.740	7/16	HC207-20		1.74
207-21	1-5/16														HC207-21		1.70
207-22	1-3/8														HC207-22		1.67
207-23	1-7/16														HC207-23		1.65
HCFC208	40	145	120	84.8	11	14	10	9	26	100	45.9	56.3	21.4	M12	HC208	FC208	1.98
208-24	1-1/2	5-45/64	4-23/32	3-11/32	7/16	35/64	25/64	23/64	1-1/32	3.9370	1-13/16	2.217	0.843	7/16	HC208-24		2.03
208-25	1-9/16														HC208-25		1.99
HCFC209	45	160	132	93.3	10	16	12	14	26	105	44.9	56.3	21.4	M14	HC209	FC209	2.66
209-26	1-5/8	6-19/64	5-13/64	3-43/64	25/64	5/8	15/32	35/64	1-1/32	4.1339	1-49/64	2.217	0.843	1/2	HC209-26		2.77
209-27	1-11/16														HC209-27		2.72
209-28	1-3/4														HC209-28		2.68
HCFC210	50	165	138	97.6	10	16	12	14	28	110	48.1	62.7	24.6	M14	HC210	FC210	2.97
210-29	1-13/16	6-1/2	5-7/16	3-27/32	25/64	5/8	15/32	35/64	1-7/64	4.3307	1-57/64	2.469	0.969	1/2	HC210-29		3.12
210-30	1-7/8														HC210-30		3.06
210-31	1-15/16														HC210-31		3.00
210-32	2														HC210-32		2.94
HCFC211	55	185	150	106.1	13	19	12	15	31	125	56.6	71.4	27.8	M16	HC211	FC211	4.13
211-32	2	7-9/32	5-29/32	4-3/16	33/64	3/4	15/32	19/32	1-7/32	4.9213	2-15/64	2.811	1.094	5/8	HC211-32		4.43
211-33	2-1/16														HC211-33		4.25
211-34	2-1/8														HC211-34		4.18
211-35	2-3/16														HC211-35		4.10
HCFC212	60	195	160	113.1	17	19	12	15	36	135	63.8	77.8	31.0	M16	HC212	FC212	5.01
212-36	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	2-33/64	3.063	1.220	5/8	HC212-36		5.03
212-37	2-5/16														HC212-37		5.08
212-38	2-3/8														HC212-38		5.01
212-39	2-7/16														HC212-39		5.00
HCFC213	65	205	170	120.2	16	19	14	15	36	145	67.6	85.7	34.1	M16	HC213	FC213	5.84
213-40	2-1/2	8-5/64	6-11/16	4-47/64	5/8	3/4	35/64	19/32	1-27/64	5.5118	2-21/32	3.374	1.343	5/8	HC213-40		5.94
213-41	2-9/16														HC213-41		5.83
HCFC214	70	215	177	125.1	17	19	14	18	40	150	68.6	85.7	34.1	M16	HC214	FC214	6.87
214-42	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	2-45/64	3.374	1.343	5/8	HC214-42		6.81
214-43	2-11/16														HC214-43		7.00
214-44	2-3/4														HC214-44		6.88
HCFC215	75	220	184	130.1	18	19	16	18	40	160	72.8	92.1	37.3	M16	HC215	FC215	7.34
215-45	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	2-7/8	3.626	1.469	5/8	HC215-45		7.64
215-46	2-7/8														HC215-46		7.51
215-47	2-15/16														HC215-47		7.38
215-48	3														HC215-48		7.24
HCFC216	80	240	200	141.4	18	23	16	18	42	170	75.9	95.2	37.3	M20	HC216	FC216	9.15
216-49	3-1/16	9-29/64	7-7/8	5-9/16	23/32	29/32	5/8	23/32	1-21/32	6.6929	2-63/64	3.748	1.469	3/4	HC216-49		9.35
216-50	3-1/8														HC216-50		9.21
216-51	3-3/16														UC216-51		9.06
HCFC217	85	250	208	147.1	18	23	18	20	45	180	68.4	73.8	23.4	M20	HC217	FC217	10.43
217-52	3-1/4	9-27/32	8-3/16	5-51/64	23/32	29/32	23/32	25/32	1-25/32	7.0866	2-45/64	2.905	0.921	3/4	HC217-52		10.62
217-53	3-5/16														HC217-53		10.50
217-55	3-7/16														HC217-55		10.25
HCFC218	90	265	220	155.5	22	23	18	20	50	190	70.1	72.6	24.5	M20	HC218	FC218	12.06
218-56	3-1/2	10-7/16	8-21/32	6-1/8	55/64	29/32	23/32	25/32	1-31/32	7.4803	2-3/4	2.858	0.964	3/4	HC218-56		12.15

Flange Cartridge Units
(with adapter mounted)

UKFC2 (Normal-duty)





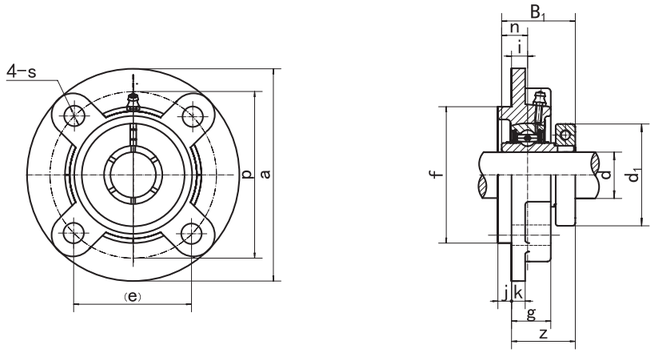


UKFC-C1(D1)

Unit NO.	Dimensions (mm / in.)													Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	p	(e)	i	s	j	k	g	f	z	t	B1				
UKFC205;H2305	20	115	90	63.6	10	12	6	7	21	70	29.5	34	35	M10	UK205;H2305	FC205	0.93
205;HE2305	3/4	4-17/32	3-35/64	2-1/2	15/64	25/32	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	1.24
206;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		
206;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	1.60
207;HS2307	1-1/8	5-5/16	4-21/64	3-1/16	7/16	35/64	5/16	23/64	1-1/32	3.5433	1-5/16	1-5/8	1.693	7/16	UK207;HS2307		
UKFC208;H2308	35	145	120	84.8	11	14	10	9	26	100	35.5	45.5	46	M12	UK208;H2308	FC208	1.92
208;HE2308	1-1/4	5-45/64	4-23/32	3-11/32	7/16	35/64	25/64	23/64	1-1/32	3.9370	1-25/64	1-51/64	1.811	7/16	UK208;HE2308		
208;HS2308	1-3/8														UK208;HS2308		
UKFC209;H2309	40	160	132	93.3	10	16	12	14	26	105	36	44.5	50	M14	UK209;H2309	FC209	2.65
209;HA2309	1-7/16	6-19/64	5-13/64	3-43/64	25/64	5/8	15/32	35/64	1-1/32	4.1339	1-27/64	1-3/4	1.969	1/2	UK209;HA2309		
209;HE2309	1-1/2														UK209;HE2309		
209;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	2.96
210;HS2310	1-5/8	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;HS2310		
210;HA2310	1-11/16														UK210;HA2310		
210;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	4.02
211;HS2311	1-7/8	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;HS2311		
211;HA2311	1-15/16														UK211;HA2311		
211;HE2311	2														UK211;HE2311		
UKFC212;H2312	55	195	160	113.1	17	19	12	15	36	135	48	61.5	62	M16	UK212;H2312	FC212	4.77
212;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	5.41
213;HA2313	2-3/16	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;HA2313		
213;HE2313	2-1/4														UK213;HE2313		
213;HS2313	2-3/8														UK213;HS2313		
UKFC215;H2315	65	220	184	130.1	18	19	16	18	40	160	53.5	67.5	73	M16	UK215;H2315	FC215	7.25
215;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	2-21/32	2.874	5/8	UK215;HA2315		
215;HE2315	2-1/2														UK215;HE2315		
UKFC216;H2316	70	240	200	141.4	18	23	16	18	42	170	57	72.5	78	M20	UK216;H2316	FC216	8.90
216;HA2316	2-11/16	9-29/64	7-7/8	5-9/16	23/32	29/32	5/8	23/32	1-21/32	6.6929	2-1/4	2-55/64	3.071	3/4	UK216;HA2316		
216;HE2316	2-3/4														UK216;HE2316		
UKFC217;H2317	75	250	208	147.1	18	23	18	20	45	180	59	74.6	82	M20	UK217;H2317	FC217	10.60
217;HA2317	2-15/16	9-27/32	8-3/16	5-51/64	23/32	29/32	23/32	25/32	1-25/32	7.0866	2-21/64	2-15/16	3.228	3/4	UK217;HA2317		
217;HE2317	3														UK217;HE2317		
UKFC218;H2318	80	265	220.0	155.5	22	23	18	20	50	190	64.5	83.5	86	M20	UK218;H2318	FC218	12.54
218;HA2318	3-3/16	10-7/16	8-21/32	6-1/8	55/64	29/32	23/32	25/32	1-31/32	7.4803	3-35/64	3-9/32	3.386	3/4	UK218;HA2318		

NCFC2 (Normal-duty)

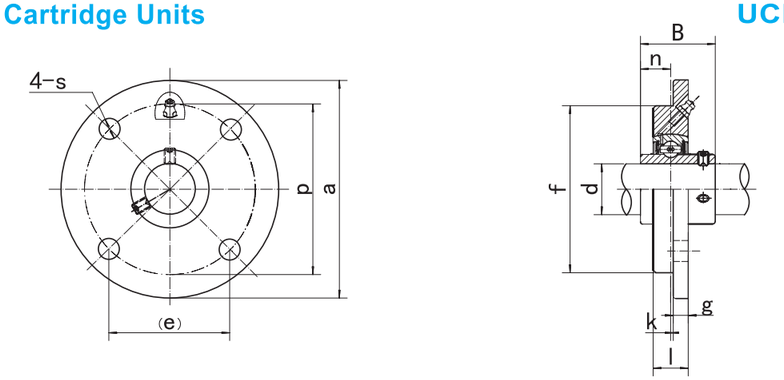
Flange Cartridge Units



Unit NO.	Dimensions (mm / in.)														Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	d1	a	p	(e)	i	s	j	k	g	f	z	B1	n				
NCFC204	20	44.5	100	78	55.1	10	12	5	7	20.5	62.0	29.8	33.4	12.7	M10	NC204	FC204	1.00
204-12	3/4	1-3/4	3-15/16	3-5/64	2-11/64	25/64	15/32	13/64	9/32	13/16	2.441	1.173	1.315	0.500	3/8	NC204-12		
NCFC205	25	49.2	115	90	63.6	10	12	6	7	21	70	32.2	36.5	14.3	M10	NC205	FC205	1.10
205-14	7/8															NC205-14		
205-15	15/16	1-15/16	4-17/32	3-35/64	2-1/2	25/64	15/32	15/64	9/32	53/64	2.7559	1.2677	1.437	0.563	3/8	NC205-15		
205-16	1															NC205-16		
NCFC206	30	55.6	125	100	70.7	10	12	8	8	23	80	33.8	39.7	15.9	M10	NC206	FC206	1.38
206-18	1-1/8															NC206-18		
206-19	1-3/16	2-3/16	4-59/64	3-15/16	2-25/32	25/64	15/32	5/16	5/16	29/32	3.1496	1.330	1.563	0.626	3/8	NC206-19		
206-20	1-1/4															NC206-20		
NCFC207	35	65.1	135	110	77.8	11	14	8	9	26	90	38.0	44.5	17.5	M12	NC207	FC207	1.88
207-20	1-1/4	2-7/16														NC207-20		
207-22	1-3/8	2-9/16	5-5/16	4-21/64	3-1/16	7/16	35/64	5/16	23/64	1-1/32	3.5433	1.496	1.752	0.740	7/16	NC207-22		
207-23	1-7/16															NC207-23		
NCFC208	40	68.3	145	120	84.8	11	14	10	9	26	100	41.8	50.8	19.0	M12	NC208	FC208	2.25
208-24	1-1/2	2-11/16	5-45/64	4-23/32	3-11/32	7/16	35/64	25/64	23/64	1-1/32	3.9370	1.646	2.000	0.748	7/16	NC208-24		
NCFC209	45	74.6	160	132	93.3	10	16	12	14	26	105	43.4	50.8	19.0	M14	NC209	FC209	2.98
209-26	1-5/8	2-13/16														NC209-26		
209-27	1-11/16	2-15/16	6-19/64	5-19/64	3-43/64	25/64	5/8	15/32	35/64	1-1/32	4.1339	1.709	2.000	0.748	1/2	NC209-27		
209-28	1-3/4															NC209-28		
NCFC210	50	85.7	165	138	97.6	10	16	12	14	28	110	44.1	53.1	19.0	M14	NC210	FC210	3.44
210-31	1-15/16	3-3/8	6-1/2	5-7/16	3-27/32	25/64	5/8	15/32	35/64	1-7/64	4.3307	1.736	2.091	0.748	1/2	NC210-31		
210-32	2															NC210-32		
NCFC211	55	92.1	185	150	106.1	13	19	12	15	31	125	47.9	57.1	22.2	M16	NC211	FC211	4.37
211-32	2	3-1/2	7-9/32	5-29/32	4-11/64	33/64	3/4	15/32	19/32	1-7/32	4.9213	1.886	2.248	0.874	5/8	NC211-32		
211-35	2-3/16	3-5/8														NC211-35		
NCFC212	60	104.8	195	160	113.1	17	19	12	15	36	135	58.3	66.7	25.4	M16	NC212	FC212	5.50
212-36	2-1/4	4-1/16	7-11/16	6-19/64	4-29/64	43/64	3/4	15/32	19/32	1-13/32	5.3150	2.295	2.626	1.000	5/8	NC212-36		
212-39	2-7/16	4-1/8														NC212-39		

Flange Cartridge Units

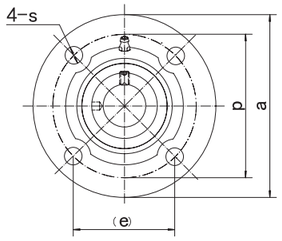
UCME2 (Normal-duty)

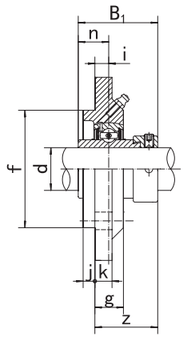


Unit NO.	Dimensions (mm / in.)											Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	p	(e)	s	l	k	g	f	B	n				
UCME204	20	100	78	55.1	9	17	0.5	8	62	31	12.7	M8	UC204RG	ME204	0.52
		3-15/16	3-5/64	2-11/64	13/64	43/64	1/64	5/16	2.4409	1.2205	0.500	5/16			
UCME205	25	115	90	63.6	9	19	1.5	9	70	34.1	14.3	M8	UC205RG	ME205	0.74
		4-17/32	3-35/64	2-1/2	13/64	3/4	1/16	13/64	2.7559	1.3425	0.563	5/16			
UCME206	30	125	100	70.7	11.5	20.5	1.5	9.5	80	38.1	15.9	M10	UC206RG	ME206	0.97
		4-59/64	3-15/16	2-25/32	29/64	13/16	1/16	3/8	3.1496	1.5000	0.626	3/8			
UCME207	35	135	110	77.8	11.5	20.5	0.5	10	90	42.9	17.5	M10	UC207RG	ME207	1.24
		5-5/16	4-21/64	3-1/16	29/64	13/16	1/64	25/64	3.5433	1.6890	0.689	3/8			
UCME208	40	145	120	84.8	11.5	23	1	11.5	100	49.2	19	M10	UC208RG	ME208	1.61
		5-45/64	4-23/32	3-11/32	29/64	29/32	3/64	29/64	3.9370	1.9370	0.748	3/8			
UCME209	45	155	130	91.9	14	25	2	12	105	49.2	19	M12	UC209RG	ME209	1.93
		6-7/64	5-1/8	3-5/8	35/64	63/64	5/64	15/32	4.1339	1.9370	0.748	1/2			
UCME210	50	165	135	95.5	14	25	0	13	110	51.6	19	M12	UC210RG	ME210	2.28
		6-1/2	5-5/16	3-47/64	35/64	63/64	0	33/64	4.3307	2.0315	0.748	1/2			
UCME211	55	185	150	106.1	18	27.5	0	15	125	55.6	22.2	M16	UC211RG	ME211	2.95
		7-9/32	5-29/32	4-3/16	45/64	1-5/64	0	19/32	4.9216	2.1890	0.874	5/8			
UCME212	60	195	160	113.1	18	29	-0.5	16	135	65.1	25.4	M16	UC212RG	ME212	3.57
		7-11/16	6-19/64	4-29/64	45/64	1-9/64	-1/64	5/8	5.3150	2.5630	1.000	5/8			
UCME213	65	205	170	120.2	19	29	-3	18	145	65.1	25.4	M16	UC213RG	ME213	4.84
		8-5/64	6-11/16	4-47/64	3/4	1-9/64	-1/8	45/64	5.7087	2.5630	1.000	5/8			
UCME214	70	215	177	125.1	18	32	-0.5	18	150	74.6	30.2	M16	UC214RG	ME214	5.30
		8-15/32	6-31/32	4-59/64	45/64	1-1/4	-1/64	45/64	5.9055	2.9370	1.189	5/8			
UCME215	75	220	184	130.1	18	32	-1	18	160	77.8	33.3	M16	UC215RG	ME215	5.30
		8-21/32	7-1/14	5-1/8	45/64	1-1/4	-3/64	45/64	6.2992	3.0630	1.311	5/8			
UCME216	80	220	184	130.1	18	32	-2	18	160	82.6	33.3	M16	UC216RG	ME216	5.60
		8-21/32	7-1/4	5-1/8	45/64	1-1/4	-5/64	45/64	6.2992	3.2520	1.311	5/8			
UCME218	90	265	220	155.5	23	36	-2	20	190	96	39.7	M20	UC218RG	ME218	9.20
		10-7/16	8-21/32	6-1/8	29/32	1-27/64	-5/64	25/32	7.4803	3.7795	1.5630	3/4			

HCFE2 (Normal-duty)

Flange Cartridge Units

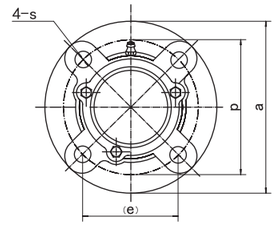


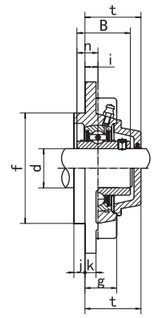


Unit NO.	Dimensions (mm / in.)													Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	p	(e)	i	s	j	k	g	f	z	B1	n				
HCFE205	25	115 4-17/32	92 3-5/8	65.1 2-9/16	9.5 3/8	9 13/64	3 1/8	9 23/64	19 3/4	75 2.953	36.4 1-7/16	44.4 1.748	17.5 0.686	M8 5/16	HC205RG	FE205	0.80
HCFE206	30	127 5	105 4-9/64	74.3 2-59/64	10.5 13/32	9 13/64	3 1/8	9.5 3/8	19.5 49/64	85 3.3465	40.6 1-19/32	48.4 1.906	18.3 0.720	M8 5/16	HC206RG	FE206	1.08
HCFE207	35	135 5-5/16	110 4-21/64	77.8 3-1/16	9 13/64	11.5 29/64	4 5/32	10 25/64	18.5 47/64	90 3.5433	41.3 1-5/8	51.1 2.012	18.8 0.740	M10 3/8	HC207RG	FE207	1.30
HCFE208	40	145 5-45/64	120 4-23/32	84.8 3-11/32	11.5 29/64	11.5 29/64	4 5/32	11.5 29/64	22 55/64	100 3.9370	46.4 1-53/64	56.3 2.217	21.4 0.843	M10 3/8	HC208RG	FE208	1.70
HCFE209	45	155 6-7/64	130 5-1/8	91.9 3-5/8	11.5 29/64	14 35/64	4 5/32	12 15/32	22.5 57/64	105 4.1339	46.4 1-53/64	56.3 2.217	21.4 0.843	M10 1/2	HC209RG	FE209	2.00
HCFE210	50	165 6-1/2	136 5-23/64	96.2 3-25/32	12.5 31/64	14 35/64	4 5/32	13 33/64	23.5 59/64	115 4.5276	50.6 1-63/64	62.7 2.469	24.6 0.969	M12 1/2	HC210RG	FE210	2.40
HCFE212	60	195 7-11/16	165 6-1/2	116.7 4-19/32	17 43/64	14 35/64	4 5/32	16 5/8	29 1-9/64	140 5.512	63.8 2-33/64	77.8 3.063	31 1.220	M12 1/2	HC212RG	FE212	3.85

Flange Cartridge Units

UCCFC2 (Normal-duty)

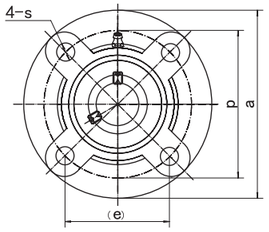


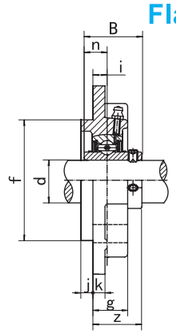


Unit NO.	Dimensions (mm / in.)													Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	p	(e)	i	s	j	k	g	f	t	B	n				
UCCFC204	20	100	78	55.1	10	12	5	7	20.5	62	41	31	12.7	M10	UC204	CFC204	0.82
204-12	3/4	3-15/16	3-5/64	2-11/64	25/64	15/32	13/64	9/32	13/16	2.4409	1-5/8	1.2205	0.5000	3/8	UC204-12		0.82
UCCFC205	25	115	90	63.6	10	12	6	7	21	70	45	34.1	14.3	M10	UC205	CFC205	1.21
205-13	13/16	4-17/32	3-35/64	2-1/2	25/64	15/32	15/64	9/32	53/64	2.7559	1-49/64	1.3425	0.563	3/8	UC205-13		1.25
205-14	7/8														UC205-14		1.24
205-15	15/16														UC205-15		1.22
205-16	1														UC205-16		1.21
UCCFC206	30	125	100	70.7	10	12	8	8	23	80	47	38.1	15.9	M10	UC206	CFC206	1.51
206-17	1-1/16	4-59/64	3-15/16	2-25/32	25/64	15/32	5/16	5/16	29/32	3.1496	1-27/32	1.5000	0.626	3/8	UC206-17		1.52
206-18	1-1/8														UC206-18		1.53
206-19	1-3/16														UC206-19		1.51
206-20	1-1/4														UC206-20		1.50
UCCFC207	35	135	110	77.8	11	14	8	9	26	90	51	42.9	17.5	M12	UC207	CFC207	1.93
207-20	1-1/4	5-5/16	4-21/64	3-1/16	7/16	35/64	5/16	23/64	1-1/32	3.5433	2-1/64	1.6890	0.689	7/16	UC207-20		1.99
207-21	1-5/16														UC207-21		1.96
207-22	1-3/8														UC207-22		1.93
207-23	1-7/16														UC207-23		1.90
UCCFC208	40	145	120	84.8	11	14	10	9	26	100	56	49.2	19	M12	UC208	CFC208	2.38
208-24	1-1/2	5-45/64	4-23/32	3-11/32	7/16	35/64	25/64	23/64	1-1/32	3.9370	2-13/64	1.9370	0.748	7/16	UC208-24		2.42
208-25	1-9/16														UC208-25		2.39
UCCFC209	45	160	132	93.3	10	16	12	14	26	105	55	49.2	19	M14	UC209	CFC209	3.10
209-26	1-5/8	6-19/64	5-13/64	3-43/64	25/64	5/8	15/32	35/64	1-1/32	4.1339	2-11/64	1.9370	0.748	1/2	UC209-26		3.20
209-27	1-11/16														UC209-27		3.16
209-28	1-3/4														UC209-28		3.12
UCCFC210	50	165	138	97.6	10	16	12	14	28	110	59	51.6	19	M14	UC210	CFC210	3.36
210-29	1-13/16	6-1/2	5-7/16	3-27/32	25/64	5/8	15/32	35/64	1-7/64	4.3307	2-23/64	2.0315	0.748	1/2	UC210-29		3.48
210-30	1-7/8														UC210-30		3.43
210-31	1-15/16														UC210-31		3.38
210-32	2														UC210-32		3.34
UCCFC211	55	185	150	106.1	13	19	12	15	31	125	63	55.6	22.2	M16	UC211	CFC211	4.77
211-32	2	7-9/32	5-29/32	4-3/16	33/64	3/4	15/32	19/32	1-7/32	4.9213	2-1/64	2.1890	0.874	5/8	UC211-32		4.92
211-33	2-1/16														UC211-33		4.86
211-34	2-1/8														UC211-34		4.81
211-35	2-3/16														UC211-35		4.75
UCCFC212	60	195	160	113.1	17	19	12	15	36	135	74	65.1	25.4	M16	UC212	CFC212	5.77
212-36	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	2-27/64	2.5630	1.000	5/8	UC212-36		5.90
212-37	2-5/16														UC212-37		5.82
212-38	2-3/8														UC212-38		5.75
212-39	2-7/16														UC212-39		5.68
UCCFC213	65	205	170	120.2	16	19	14	15	36	145	75	65.1	25.4	M16	UC213	CFC213	6.68
213-40	2-1/2	8-5/64	6-11/16	4-47/64	5/8	3/4	35/64	19/32	1-27/64	5.5118	2-25/64	2.5630	1.000	5/8	UC213-40		6.77
213-41	2-9/16														UC213-41		6.68
UCCFC214	70	215	177	125.1	17	19	14	18	40	150	84	74.6	30.2	M16	UC214	CFC214	8.10
214-42	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	2-25/64	2.9370	1.189	5/8	UC214-42		8.81
214-43	2-11/16														UC214-43		8.21
214-44	2-3/4														UC214-44		8.11
UCCFC215	75	220	184	130.1	18	19	16	18	40	160	86	77.8	33.3	M16	UC215	CFC215	8.61
215-45	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	2-25/64	3.0630	1.311	5/8	UC215-45		8.86
215-46	2-7/8														UC215-46		8.75
215-47	2-15/16														UC215-47		8.64
215-48	3														UC215-48		8.52
UCCFC216	80	240	200	141.4	18	23	16	18	42	170	91	82.6	33.3	M20	UC216	CFC216	10.80
216-49	3-1/16	9-29/64	7-7/8	5-9/16	23/32	29/32	5/8	23/32	1-21/32	6.6929	2-25/64	3.2520	1.311	3/4	UC216-49		10.98
216-50	3-1/8														UC216-50		10.85
216-51	3-3/16														UC216-51		10.72
UCCFC217	85	250	208	147.1	18	23	18	20	45	180	93	85.7	34.1	M20	UC217	CFC217	13.46
217-52	3-1/4	9-27/32	8-3/16	5-51/64	23/32	29/32	23/32	25/32	1-25/32	7.0866	2-25/64	3.3740	1.343	3/4	UC217-52		13.68
217-53	3-5/16														UC217-53		13.54
217-54	3-7/16														UC217-55		13.25
UCCFC218	90	265	220	155.5	22	23	18	20	50	190	104	95	39.7	M20	UC218	CFC218	15.66
218-56	3-1/2	10-7/16	8-21/32	6-1/8	55/64	29/32	23/32	25/32	1-31/32	7.4803	2-25/64	3.7795	1.5630	3/4	UC218-56		15.77

UCFCX (Medium-duty)

Flange Cartridge Units

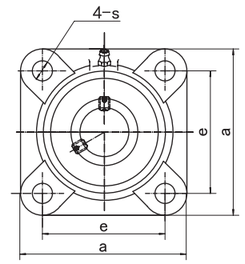


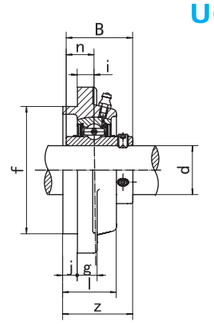


Unit NO.	Dimensions (mm / in.)													Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	p	(e)	i	s	j	k	g	f	z	B	n				
UCFCX05	25	111	92	65	10	9.5	6	9.5	24	76	32.2	38.1	15.9	M8	UCX05	FCX05	1.10
X05-13	13/16	4-3/8	3-5/8	2-9/16	25/64	3/8	15/64	3/8	15/16	2.9921	1-9/32	1.5000	0.626	5/16	UCX05-13		
X05-14	7/8														UCX05-14		
X05-15	15/16														UCX05-15		
X05-16	1														UCX05-16		
UCFCX06	30	127	105	74.2	8	12	9.5	9.5	22.5	85	33.4	42.9	17.5	M10	UCX06	FCX06	1.40
X06-17	1-1/16	5	4-9/64	2-59/64	5/16	15/32	3/8	3/8	7/8	3.3465	1-5/16	1.6890	0.689	3/8	UCX06-17		
X06-18	1-1/8														UCX06-18		
X06-19	1-3/16														UCX06-19		
X06-20	1-1/4														UCX06-20		
UCFCX07	35	133	111	78.5	9	12	11	11	26	92	39.2	49.2	19	M10	UCX07	FCX07	1.80
X07-21	1-5/16	5-1/4	4-3/8	3-3/32	23/64	15/32	7/16	7/16	1-1/32	3.6220	1-17/32	1.9370	0.748	3/8	UCX07-21		
X07-22	1/3/8														UCX07-22		
X07-23	1-7/16														UCX07-23		
UCFCX08	40	133	111	78.5	9	12	11	11	26	92	39.2	49.2	19	M14	UCX08	FCX08	1.80
X08-24	1-1/2	5-1/4	4-3/8	3-3/32	23/64	15/32	7/16	7/16	1-1/32	3.6220	1-17/32	1.9370	0.748	3/8	UCX08-24		
X08-25	1-9/16														UCX08-25		
UCFCX09	45	155	130	91.9	8	14	12	11	25	108	40.6	51.6	19	M12	UCX09	FCX09	2.40
X09-26	1-5/8	6-3/32	5-1/8	3-5/8	5/16	35/64	15/32	7/16	63/64	4.2520	1-19/32	2.0315	0.748	7/16	UCX09-26		
X09-27	1-11/16														UCX09-27		
X09-28	1-3/4														UCX09-28		
X09-29	1-13/16														UCX09-29		
UCFCX10	50	162	136	96.2	7	14	16	11	25	118	40.4	55.6	22.2	M12	UCX10	FCX10	2.90
X10-30	1-7/8	6-3/8	5-23/64	3-25/32	9/32	35/64	5/8	7/16	63/64	4.6457	1-19/32	2.1890	0.874	7/16	UCX10-30		
X10-31	1-15/16														UCX10-31		
X10-32	2														UCX10-32		
UCFCX11	55	180	152	107.5	4	16	22	13	26	127	43.7	65.1	25.4	M14	UCX11	FCX11	3.80
X11-33	2-1/16	7-3/32	5-63/64	4-15/64	5/32	5/8	55/64	1/2	1-1/32	5.0000	1-23/32	2.5630	1	1/2	UCX11-33		
X11-34	2-1/8														UCX11-34		
X11-35	2-3/16														UCX11-35		
X11-36	2-1/4														UCX11-36		
X11-37	2-5/16														UCX11-37		
UCFCX12	60	194	165	116.7	11	16	20	14	33	140	50.7	65.1	25.4	M14	UCX12	FCX12	4.90
X13-38	2-3/8	7-5/8	6-1/2	4-19/32	7/16	5/8	25/32	9/16	1-5/16	5.5118	2	2.5630	1	1/2	UCX12-38		
X13-39	2-7/16														UCX12-39		
UCFCX13	65	194	165	116.7	11	16	20	14	33	140	55.4	74.6	30.2	M14	UCX13	FCX13	4.90
X13-40	2-1/2	7-5/8	6-1/2	4-19/32	7/16	5/8	25/32	9/16	1-5/16	5.5118	2-3/16	2.9370	1.189	1/2	UCX13-40		
X13-41	2-9/16														UCX13-41		
UCFC14	70	222	190	134.3	14	19	20	14	36	164	58.5	77.8	33.3	M16	UCX14	FCX14	6.60
X14-42	2-5/8	8-3/4	7-31/64	5-9/32	35/64	3/4	25/32	9/16	1-13/32	6.4567	2-5/16	3.0630	1.311	5/8	UCX14-42		
X14-43	2-11/16														UCX14-43		
X14-44	2-3/4														UCX14-44		
UCFCX15	75	222	190	134.3	12	19	22	16	35	164	61.3	82.6	33.3	M16	UCX15	FCX15	7.20
X15-45	2-13/16	8-3/4	7-31/64	5-9/32	15/32	3/4	55/64	5/8	1-3/8	6.4567	2-13/32	3.2520	1.311	5/8	UCX15-45		
X15-46	2-7/8														UCX15-46		
X15-47	2-15/16														UCX15-47		
X15-48	3														UCX15-48		
UCFCX16	80	260	219	154.8	10	23	25	19	36	186	61.6	85.7	34.1	M20	UCX16	FCX16	10.00
X16-49	3-1/16	10-1/4	8-5/8	6-3/32	25/64	29/32	63/64	3/4	1-13/32	7.3228	2-7/16	3.3740	1.343	3/4	UCX16-49		
X16-50	3-1/8														UCX16-50		
X16-51	3-3/16														UCX16-51		
X16-52	3-1/4														UCX16-52		
UCFCX17	85	260	219	154.8	10	23	25	19	36	186	66.3	96	39.7	M20	UCX17	FCX17	11.40
X17-53	3-5/16	10-1/4	8-5/8	6-3/32	25/64	29/32	63/64	3/4	1-13/32	7.3228	2-5/8	3.7795	1.563	3/4	UCX17-53		
X17-55	3-7/16														UCX17-55		

Flange Units

UCFS3 (Heavy-duty)

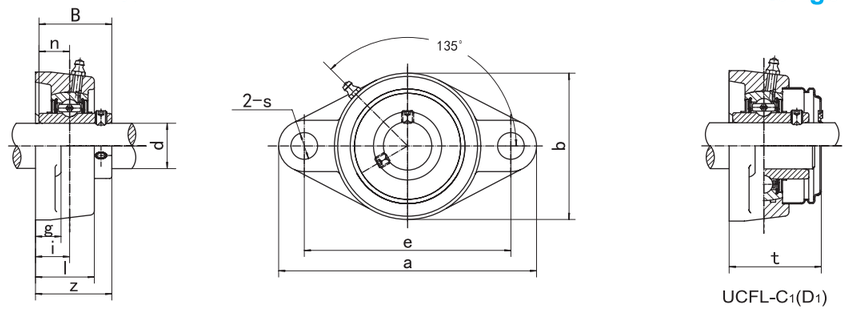




Unit NO.	Dimensions (mm / in.)												Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	s	j	g	l	f	z	B	n				
UCFS305	25	110	80	9	16	7	13	29	80	39	38	15	M14	UC305	FS305	1.20
305-13	13/16	4-11/32	3-5/32	23/64	5/8	9/32	1/2	1-9/64	3.1496	1-17/32	1.4961	0.591	1/2	UC305-13		
305-14	7/8													UC305-14		
305-15	15/16													UC305-15		
305-16	1													UC305-16		
UCFS306	30	125	95	10	16	8	15	32	90	44	43	17	M14	UC306	FS306	1.80
306-17	1-1/16	4-29/32	3-47/64	25/64	5/8	5/16	19/32	1-17/64	3.5433	1-47/64	1.6929	0.669	1/2	UC306-17		
306-18	1-1/8													UC306-18		
306-19	1-3/16													UC306-19		
UCFS307	35	135	100	11	19	9	16	36	100	49	48	19	M16	UC307	FS307	2.20
307-20	1-1/4	5-5/16	3-15/16	7/16	3/4	23/64	5/8	1-13/32	3.9730	1-59/64	1.8898	0.748	5/8	UC307-20		
307-21	1-5/16													UC307-21		
307-22	1/3/8													UC307-22		
307-23	1-7/16													UC307-23		
UCFS308	40	150	112	13	19	10	17	40	115	56	52	19	M16	UC308	FS308	3.00
308-24	1-1/2	5-29/32	4-13/32	33/64	3/4	25/64	21/32	1-9/16	4.5276	2-13/64	2.0472	0.748	5/8	UC308-24		
308-25	1-9/16													UC308-25		
UCFS309	45	160	125	14	19	11	18	44	125	60	57	22	M16	UC309	FS309	3.80
309-26	1-5/8	6-5/16	4-59/64	35/64	3/4	7/16	23/32	1-47/64	4.9213	2-23/64	2.2441	0.866	5/8	UC309-26		
309-27	1-11/16													UC309-27		
309-28	1-3/4													UC309-28		
UCFS310	50	175	132	16	23	12	19	48	140	67	61	22	M20	UC310	FS310	5.00
310-29	1-13/16	6-7/8	5-13/64	5/8	29/32	15/32	3/4	1-57/64	5.5118	2-41/64	2.4016	0.866	3/4	UC310-29		
310-30	1-7/8													UC310-30		
310-31	1-15/16													UC310-31		
UCFS311	55	185	140	17	23	13	20	52	150	71	66	25.0	M20	UC311	FS311	5.90
311-32	2	7-9/32	5-33/64	43/64	29/32	33/64	25/32	2-3/64	5.9055	2-51/64	2.5984	0.948	3/4	UC311-32		
311-33	2-1/16													UC311-33		
311-34	2-1/8													UC311-34		
311-35	2-3/16													UC311-35		
UCFS312	60	195	150	19	23	14	22	56	160	78	71	26.0	M20	UC312	FS312	7.10
312-36	2-1/4	7-11/16	5-29/32	3/4	29/32	35/64	7/8	2-7/32	6.2922	3-5/64	2.7953	1.024	3/4	UC312-36		
312-37	2-5/16													UC312-37		
312-38	2-3/8													UC312-38		
312-39	2-7/16													UC312-39		
UCFS313	65	208	166	15	23	18	22	58	175	78	75	30	M20	UC313	FS313	8.70
313-40	2-1/2	8-3/16	6-17/32	19/32	29/32	45/64	55/64	2-9/32	6.8898	3-5/64	2.9528	1.818	3/4	UC313-40		
313-41	2-9/16													UC313-41		
UCFS314	70	226	178	18	25	18	25	61	185	81	78	33	M22	UC314	FS314	10.80
314-42	2-5/8	8-29/32	6-1/64	45/64	63/64	45/64	31/32	2-13/32	7.2835	3-3/16	3.0708	1.299	7/8	UC314-42		
314-43	2-11/16													UC314-43		
314-44	2-3/4													UC314-44		
UCFS315	75	236	184	21	25	18	25	66	200	89	82	32.0	M22	UC315	FS315	12.30
315-45	2-13/16	9-9/32	7-1/4	53/64	63/64	45/64	31/32	2-19/32	7.8740	3-1/2	3.2283	1.260	7/8	UC315-45		
315-46	2-7/8													UC315-46		
315-47	2-15/16													UC315-47		
315-48	3													UC315-48		
UCFS316	80	250	196	18	31	20	27	68	210	90	86	34	M27	UC316	FS316	14.50
316-49	3-1/16	9-27/32	7-23/32	45/64	1-7/32	25/32	1-1/16	2-63/64	8.2677	3-35/64	3.3858	1.339	1	UC316-49		
316-50	3-1/8													UC316-50		
316-51	3-3/16													UC316-51		
UCFS317	85	260	204	24	31	20	27	74	220	100	96	40	M27	UC317	FS317	16.60
317-52	3-1/4	10-1/4	8-1/32	15/16	1-7/32	25/32	1-1/16	2-29/32	8.6614	3-15/16	9.7795	1.575	1	UC317-52		
317-53	3-5/16													UC317-53		
317-55	3-7/16													UC317-55		
UCFS318	90	280	216	24	35	20	30	76	240	100	96	40	M30	UC318	FS318	20.20
318-55	3-7/16	11-1/32	8-1/2	15/16	1-3/8	25/32	1-3/16	3	9.4488	3-15/16	3.7795	1.575	1-1/8	UC318-55		
318-56	3-1/2													UC318-56		
UCFS319	95	290	228	39	35	20	30	94	250	121	103	41	M30	UC319	FS319	24.30
319-58	3-5/8	11-13/32	8-31/32	1-17/32	1-3/8	25/32	1-3/16	3-45/64	9.8425	4-49/64	4.0551	1.614	1-1/8	UC319-58		
319-59	3-11/16													UC319-59		
319-60	3-3/4													UC317-60		
UCFS320	100	310	242	39	38	20	32	94	260	125	108	42	M33	UC320	FS320	27.70
320-61	3-13/16	12-7/32	9-17/32	1-17/32	1-1/2	25/32	1-3/16	3-45/64	10.2362	4-59/64	4.2520	1.654	1-1/4	UC320-61		
320-62	3-7/8													UC320-62		
320-63	3-15/16													UC320-63		
320-64	4													UC320-64		

UCFL2 (Normal-duty)

Flange Units (Oval)

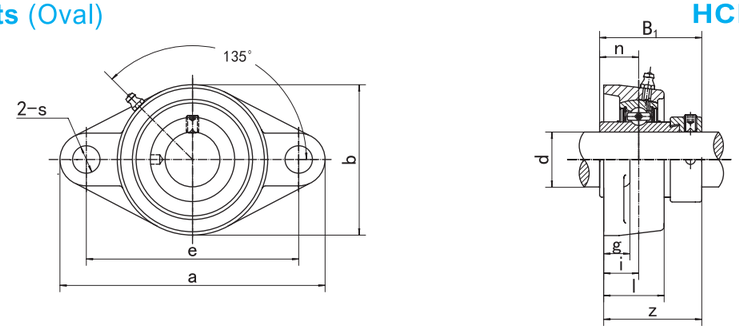


UCFL-C1(D1)

Unit NO.	Dimensions (mm / in.)												Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	f	s	b	z	t	B	n				
UCFL201	12	113	90	15	11	25.5	12	60	33.3	37.5	31.0	12.7	M10	UC201	FL201	0.45
201-8	1/2	4-7/16	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		0.44
UCFL202	15	113	90	15	11	25.5	12	60	33.3	37.5	31.0	12.7	M10	UC202	FL202	0.44
202-9	9/16	4-7/16	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		0.44
202-10	5/8													UC202-10		0.44
UCFL203	17	113	90	15	11	25.5	12	60	33.3	37.5	31.0	12.7	M10	UC203	FL203	0.43
203-11	11/16	4-7/16	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		0.42
UCFL204	20	113	90	15	11	25.5	12	60	33.3	37.5	31.0	12.7	M10	UC204	FL204	0.40
204-12	3/4	4-7/16	3-5/64	19/32	7/16	1	15/32	2-3/8	1-5/16	1-31/64	1.2205	0.500	3/8	UC204-12		0.40
UCFL205	25	130	99	16	13	27	16	68	35.8	40.0	34.1	14.3	M14	UC205	FL205	0.58
205-13	13/16	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	0.563	1/2	UC205-13		0.62
205-14	7/8													UC205-14		0.61
205-15	15/16													UC205-15		0.59
205-16	1													UC205-16		0.58
UCFL206	30	148	117	18	13	31	16	80	40.2	44.5	38.1	15.9	M14	UC206	FL206	0.83
206-17	1-1/16	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	UC206-17		0.84
206-18	1-1/8													UC206-18		0.85
206-19	1-3/16													UC206-19		0.83
206-20	1-1/4													UC206-20		0.82
UCFL207	35	161	130	19	14	34	16	90	44.4	48.5	42.9	17.5	M14	UC207	FL207	1.10
207-20	1-1/4	6-11/32	5-1/8	3/4	35/64	1-11/32	5/8	3-35/64	1-3/4	1-29/32	1.6890	0.689	1/2	UC207-20		1.16
207-21	1-5/16													UC207-21		1.13
207-22	1-3/8													UC207-22		1.10
207-23	1-7/16													UC207-23		1.07
UCFL208	40	175	144	21	14	36	16	100	51.2	55.5	49.2	19.0	M14	UC208	FL208	1.42
208-24	1-1/2	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	UC208-24		1.46
208-25	1-9/16													UC208-25		1.43
UCFL209	45	188	148	22	15	38	19	108	52.2	56.5	49.2	19.0	M16	UC209	FL209	1.75
209-26	1-5/8	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	UC209-26		1.85
209-27	1-11/16													UC209-27		1.81
209-28	1-3/4													UC209-28		1.77
UCFL210	50	197	157	22	15	40	19	115	54.6	59.5	51.6	19.0	M16	UC210	FL210	2.02
210-29	1-13/16	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	UC210-29		2.14
210-30	1-7/8													UC210-30		2.09
210-31	1-15/16													UC210-31		2.04
210-32	2													UC210-32		2.00
UCFL211	55	224	184	25	18	43	19	130	58.4	63.0	55.6	22.2	M16	UC211	FL211	2.79
211-32	2	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	UC211-32		2.94
211-33	2-1/16													UC211-33		2.88
211-34	2-1/8													UC211-34		2.84
211-35	2-3/16													UC211-35		2.77
UCFL212	60	250	202	29	18	48	23	140	68.7	73.5	65.1	25.4	M20	UC212	FL212	3.65
212-36	2-1/4	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	UC212-36		3.78
212-37	2-5/16													UC212-37		3.70
212-38	2-3/8													UC212-38		3.63
212-39	2-7/16													UC212-39		3.56
UCFL213	65	258	210	30	22	50	23	155	69.7	74.5	65.1	25.4	M20	UC213	FL213	4.56
213-40	2-1/2	10-5/32	8-17/64	1-3/16	7/8	1-31/32	29/32	6-3/32	2-3/4	2-15/16	2.5630	1.000	3/4	UC213-40		4.65
213-41	2-9/16													UC213-41		4.56
UCFL214	70	265	216	31	22	54	23	160	75.4	81.5	74.6	30.2	M20	UC214	FL214	5.12
214-42	2-5/8	10-7/16	8-1/2	1-7/32	7/8	2-1/8	29/32	6-5/16	2-31/32	3-13/64	2.9370	1.189	3/4	UC214-42		5.33
214-43	2-11/16													UC214-43		5.23
214-44	2-3/4													UC214-44		5.13
UCFL215	75	275	225	34	22	56	23	165	78.5	83.5	77.8	33.3	M20	UC215	FL215	5.64
215-45	2-13/16	10-13/16	8-55/64	1-11/32	7/8	2-7/32	29/32	6-1/2	3-3/32	3-9/32	3.0630	1.311	3/4	UC215-45		5.61
215-46	2-7/8													UC215-46		5.86
215-47	2-15/16													UC215-47		5.75
215-48	3													UC215-48		5.55
UCFL216	80	290	233	34	22	58	25	180	83.3	88.5	82.6	33.3	M22	UC216	FL216	6.91
216-49	3-1/16	11-13/32	9-11/64	1-11/32	7/8	2-9/32	63/64	7-3/32	3-9/32	3-31/64	3.2520	1.311	7/8	UC216-49		7.09
216-50	3-1/8													UC216-50		6.96
216-51	3-3/16													UC216-51		6.83
UCFL217	85	305	248	36	24	63	25	190	87.5	92.6	85.7	34.1	M22	UC217	FL217	8.27
217-52	3-1/4	12	9-49/64	1-27/64	15/16	2-15/32	63/64	7-15/32	3-7/16	3-41/64	3.3740	1.343	7/8	UC217-52		8.39
217-53	3-5/16													UC217-53		8.35
217-55	3-7/16													UC217-55		8.06
UCFL218	90	320	265	40	24	68	25	205	96.3	101.5	96.0	39.7	M22	UC218	FL218	10.13
218-56	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	4	3.7795	1.5630	7/8	UC218-56		10.24

Flange Units (Oval)

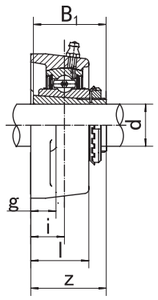
HCFL2 (Normal-duty)

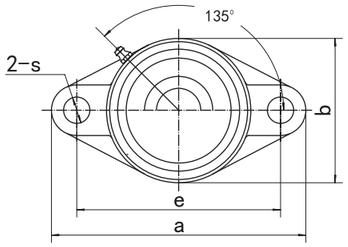


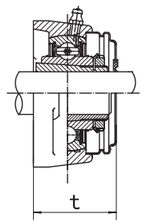
Unit NO.	Dimensions (mm / in.)											Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	b	z	B1	n				
HCFL204	20	113	90	15	11	25.5	12	60	41.6	43.7	17.1	M10	HC204	FL204	0.46
204-12	3/4	4-7/16	3-35/64	19/32	7/16	1	15/32	2-3/8	1-41/64	1.720	0.673	3/8	HC204-12		0.46
HCFL205	25	130	99	16	13	27	16	68	42.9	44.4	17.5	M14	HC205	FL205	0.63
205-13	13/16	5-1/8	3-57/64	5/8	1/2	1-1/16	5/8	2-11/16	1-11/16	1.748	0.689	1/2	HC205-13		0.68
205-14	7/8												HC205-14		0.67
205-15	15/16												HC205-15		0.65
205-16	1												HC205-16		0.63
HCFL206	30	148	117	18	13	31	16	80	48.1	48.4	18.3	M14	HC206	FL206	0.90
206-17	1-1/16	5-13/16	4-39/64	45/64	1/2	1-7/32	5/8	3-5/32	1-57/64	1.906	0.720	1/2	HC206-17		0.95
206-18	1-1/8												HC206-18		0.92
206-19	1-3/16												HC206-19		0.90
206-20	1-1/4												HC206-20		0.87
HCFL207	35	161	130	19	14	34	16	90	51.3	51.1	18.8	M14	HC207	FL207	1.24
207-20	1-1/4	6-11/32	5-1/8	3/4	35/64	1-11/32	5/8	3-35/64	2-1/64	2.012	0.740	1/2	HC207-20		1.31
207-21	1-5/16												HC207-21		1.27
207-22	1-3/8												HC207-22		1.24
207-23	1-7/16												HC207-23		1.22
HCFL208	40	175	144.0	21	14	36	16	100	55.9	56.3	21.4	M14	HC208	FL208	1.56
208-24	1-1/2	6-7/8	5-43/64	53/64	35/64	1-13/32	5/8	3-15/16	2-13/64	2.217	0.843	1/2	HC208-24		1.60
208-25	1-9/16												HC208-25		1.56
HCFL209	45	188	148	22	15	38	19	108	56.9	56.3	21.4	M16	HC209	FL209	1.88
209-26	1-5/8	7-13/32	5-53/64	55/64	19/32	1-1/2	3/4	4-1/4	2-15/64	2.217	0.843	5/8	HC209-26		1.99
209-27	1-11/16												HC209-27		1.94
209-28	1-3/4												HC209-28		1.90
HCFL210	50	197	157	22	15	40	19	115	60.1	62.7	24.6	M16	HC210	FL210	2.21
210-29	1-13/16	7-3/4	6-3/16	55/64	19/32	1-37/64	3/4	4-17/32	2-23/64	2.469	0.969	5/8	HC210-29		2.36
210-30	1-7/8												HC210-30		2.30
210-31	1-15/16												HC210-31		2.24
210-32	2												HC210-32		2.18
HCFL211	55	224	184	25	18	43	19	130	68.6	71.4	27.8	M16	HC211	FL211	3.06
211-32	2	8-13/16	7-1/4	63/64	23/32	1-11/16	3/4	5-1/8	2-45/64	2.811	1.094	5/8	HC211-32		3.36
211-33	2-1/16												HC211-33		3.18
211-34	2-1/8												HC211-34		3.11
211-35	2-3/16												HC211-35		3.03
HCFL212	60	250	202	29	18	48	23	140	75.8	77.8	31	M20	HC212	FL212	3.97
212-36	2-1/4	9-27/32	7-16/64	1-9/64	23/32	1-7/8	29/32	5-1/2	2-63/64	3.063	1.220	3/4	HC212-36		3.99
212-37	2-5/16												HC212-37		4.04
212-38	2-3/8												HC212-38		3.97
212-39	2-7/16												HC212-39		3.96
HCFL213	65	258	210	30	22	50	23	155	81.6	85.7	34.1	M20	HC213	FL213	5.10
213-40	2-1/2	10-5/32	8-17/64	1-3/16	7/8	1-31/32	29/32	6-3/32	3-7/32	3.374	1.343	3/4	HC213-40		5.20
213-41	2-9/16												HC213-41		5.09
HCFL214	70	265	216	31	22	54	23	160	82.6	85.7	34.1	M20	HC214	FL214	5.53
214-42	2-5/8	10-7/16	8-1/2	1-7/32	7/8	2-1/8	29/32	6-5/16	3-1/4	3.374	1.343	3/4	HC214-42		5.47
214-43	2-11/16												HC214-43		5.66
214-44	2-3/4												HC214-44		5.54
HCFL215	75	275	225	34	22	56	23	165	88.8	92.1	37.3	M20	HC215	FL215	6.09
215-45	2-13/16	10-13/16	8-55/64	1-11/32	7/8	2-7/32	29/32	6-1/2	3-1/2	3.626	1.469	3/4	HC215-45		6.39
215-46	2-7/8												HC215-46		6.26
215-47	2-15/16												HC215-47		6.13
215-48	3												HC215-48		5.99
HCFL216	80	290	233	34	22	58	25	180	91.9	95.2	37.3	M22	HC216	FL216	7.59
216-49	3-1/16	11-13/32	9-11/64	1-11/32	7/8	2-9/32	63/64	7-3/32	3-5/8	3.748	1.469	7/8	HC216-49		7.79
216-50	3-1/8												HC216-50		7.65
216-51	3-3/16												HC216-51		7.50
HCFL217	85	305	248	36	24	63	25	190	86.4	73.8	23.4	M22	HC217	FL217	8.52
217-52	3-1/4	9-27/32	5-51/64	23/32	1-25/32	7.0866	29/32	7-15/32	3-13/32	2.906	0.921	7/8	HC217-52		8.71
217-53	3-5/16												HC217-53		8.59
217-55	3-7/16												HC217-55		8.34
HCFL218	90	320	265	40	24	68	25	205	88.1	72.6	24.5	M22	HC218	FL218	9.95
218-56	3-1/2	12-19/32	10-7/16	1-37/64	15/16	2-11/16	63/64	8-1/16	8-15/32	3.7795	1.5630	7/8	HC218-56		10.04

UKFL2 (Normal-duty)

Flange Units (Oval)
(with adapter mounted)





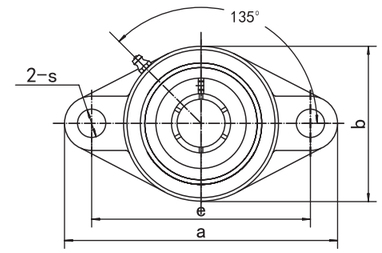


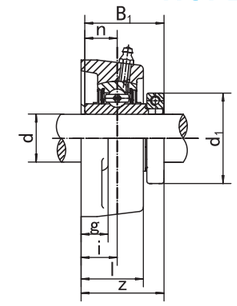
UKFL-C1(D1)

Unit NO.	Dimensions (mm / in.)											Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	b	z	t	B1				
UKFL205;H2305	20	130	99	16	13	27	16	68	35.5	40	35	M14	UK205;H2305	FL205	0.63
205;HE2305	3/4	5-1/8	3-57/64	5/8	1/2	1-1/16	5/8	2-11/16	1-25/64	1-9/16	1.378	1/2	UK205;HE2305		
UKFL206;H2306	25	148	117	18	13	31	16	80	39	44.5	38	M14	UK206;H2306	FL206	0.89
206;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		
206;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
207;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	1.49
208;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		
208;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	1.87
209;HA2309	1-7/16	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;HA2309		
209;HE2309	1-1/2												UK209;HE2309		
209;HS2309	1-5/8												UK209;HS2309		
UKFL210;H2310	45	197	157	22	15	40	19	115	50	59.5	55	M16	UK210;H2310	FL210	2.19
210;HS2310	1-5/8	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;HS2310		
210;HA2310	1-11/16												UK210;HA2310		
210;HE2310	1-3/4												UK210;HE2310		
UKFL211;H2311	50	224	184	25	18	43	19	130	54.5	63	59	M16	UK211;H2311	FL211	2.95
211;HS2311	1-7/8	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;HS2311		
211;HA2311	1-15/16												UK211;HA2311		
211;HE2311	2												UK211;HE2311		
UKFL212;H2312	55	250	202	29	18	48	23	140	61	73.5	62	M20	UK212;H2312	FL212	3.73
212;HS2312	2-1/8	9-27/32	7-61/64	1-9/64	23/32	1-7/8	29/32	5-1/2	2-13/32	2-57/64	2.441	3/4	UK212;HS2312		
UKFL213;H2313	60	258	210	30	22	50	23	155	64	74.5	65	M20	UK213;H2313	FL213	4.67
213;HA2313	2-3/16	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		
213;HE2313	2-1/4												UK213;HE2313		
213;HS2313	2-3/8												UK213;HS2313		
UKFL215;H2315	65	275	225	34	22	56	23	165	71	83.5	73	M20	UK215;H2315	FL215	6.00
215;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	3-9/32	2.874	3/4	UK215;HA2315		
215;HE2315	2-1/2												UK215;HE2315		
UKFL216;H2316	70	290	233	34	22	58	25	180	73.5	88.5	78	M22	UK216;H2316	FL216	7.34
216;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	3-31/64	3.071	7/8	UK216;HA2316		
216;HE2316	2-3/4												UK216;HE2316		
UKFL217;H2317	75	305	248	36	24	63	25	190	77	92.6	82	M22	UK217;H2317	FL217	8.68
217;HA2317	2-15/16	12	9-49/64	1-27/64	15/16	2-15/32	63/64	7-15/32	3-1/32	3-41/64	3.228	7/8	UK217;HA2317		
217;HE2317	3												UK217;HE2317		
UKFL218;H2318	80	320	265	40	24	68	25	205	81.5	101.5	86	M22	UK218;H2318	FL218	10.43
218;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	4	3.386	7/8	UK218;HA2318		

Flange Units (Oval)

NCFL2 (Normal-duty)

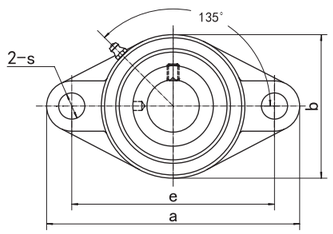


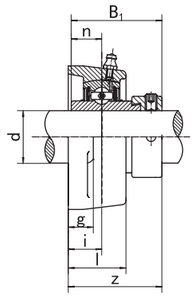


Unit NO.	Dimensions (mm / in.)												Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	d1	a	e	i	g	l	s	b	z	B1	n				
NCFL204	20	44.5	113	90	15	11	25.5	12	60	34.8	32.5	33.4	M10	NC204	FL204	0.55
204-12	3/4	1-3/4	4-7/16	3-35/64	19/32	7/16	1	15/32	2-3/8	1-3/8	1.279	1.315	3/8	NC204-12		
NCFL205	25	49.2	130	99	16	13	27	16	68	38.2	36.5	14.3	M14	NC205	FL205	0.79
205-14	7/8													NC205-14		
205-15	15/16	1-15/16	5-1/8	3-57/64	5/8	1/2	1-1/16	5/8	2-11/16	1-1/2	1.437	0.563	1/2	NC205-15		
205-16	1													NC205-16		
NCFL206	30	55.6	148	117	18	13	31	16	80	41.8	39.7	15.9	M14	NC206	FL206	1.03
206-18	1-1/8													NC206-18		
206-19	1-3/16	2-3/16	5-13/16	4-39/64	45/64	1/2	1-7/32	5/8	3-5/32	1-21/32	1.563	0.626	1/2	NC206-19		
206-20	1-1/4													NC206-20		
NCFL207	35	65.1	161	130	19	14	34	16	90	46.0	44.5	17.5	M14	NC207	FL207	1.45
207-20	1-1/4	2-7/16	6-11/32	5-1/8	3/4	35/64	1-11/32	5/8	3-35/64	1-13/16	1.752	0.740	1/2	NC207-20		
207-22	1-3/8	2-9/16												NC207-22		
207-23	1-7/16													NC207-23		
NCFL208	40	68.3	175	144	21	14	36	16	100	52.8	50.8	19.0	M14	NC208	FL208	1.82
208-24	1-1/2	2-11/16	6-7/8	5-1/8	53/64	35/64	1-13/32	5/8	3-15/16	2-3/32	2	0.748	1/2	NC208-24		
NCFL209	45	74.6	188	148	22	15	38	19	108	53.8	50.8	19.0	M16	NC209	FL209	2.20
209-26	1-5/8	2-13/16	7-15/32	5-53/64	55/64	19/32	1-1/2	3/4	4-1/4	2-1/8	2	0.748	5/8	NC209-26		
209-27	1-11/16	2-15/16												NC209-27		
209-28	1-3/4													NC209-28		
NCFL210	50	85.7	197	157	22	15	40	19	115	56.1	53.1	19.0	M16	NC210	FL210	2.67
210-31	1-15/16	3-3/8	7-3/4	6-3/16	55/64	19/32	1-37/64	3/4	4-17/32	2-7/32	2.091	0.748	5/8	NC210-31		
210-32	2													NC210-32		
NCFL211	55	92.1	224	184	25	18	43	19	130	59.9	57.1	22.2	M16	NC211	FL211	3.30
211-32	2	1-1/2	8-13/16	7-1/4	63/64	23/32	1-11/16	3/4	5-1/8	2-11/32	2.248	0.874	5/8	NC211-32		
211-35	2-3/8	3-5/8												NC211-35		3.55
NCFL212	60	104.8	250	202	29	18	48	23	140	70.3	66.7	25.4	M20	NC212	FL212	4.46
212-36	2-1/4	4-1/16	9-27/32	7-61/64	1-9/64	23/32	1-7/8	29/32	5-1/2	2-25/32	2.626	1.000	3/4	NC212-36		
212-39	2-7/16	4-1/8												NC212-39		

HCFLU2 (Normal-duty)

Flange Units (Oval)

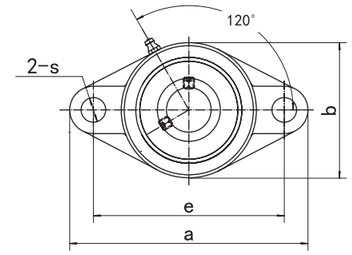


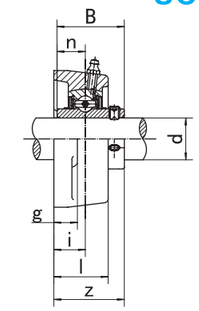


Unit NO.	Dimensions (mm / in.)											Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	b	z	B1	n				
HCFLU204	20	113	90	19	15	29.5	12	60	45.6	43.7	17.1	M10	HC204	FLU204	0.51
204-12	3/4	4-7/16	3-35/64	3/4	19/32	1-5/32	15/32	2-3/8	1-51/64	1.720	0.673	3/8	HC204-12		0.51
HCFLU205	25	123	99	19	15	30	12	68	45.9	44.4	17.5	M10	HC205	FLU205	0.63
205-13	13/16	4-27/32	3-57/64	3/4	19/32	1-11/64	15/32	2-11/16	1-13/16	1.748	0.689	3/8	HC205-13		0.68
205-14	7/8												HC205-14		0.67
205-15	15/16												HC205-15		0.65
205-16	1												HC205-16		0.63
HCFLU206	30	142	116.5	20	16	33	12	80	50.1	48.4	18.3	M10	HC206	FLU206	0.92
206-17	1-1/16	5-9/32	4-19/32	25/32	5/8	1-9/32	15/32	3-5/32	1-31/32	1.906	0.720	3/8	HC206-17		0.97
206-18	1-1/8												HC206-18		0.94
206-19	1-3/16												HC206-19		0.92
206-20	1-1/4												HC206-20		0.89
HCFLU207	35	158	130	21	17	36	14	90	53.3	51.1	18.8	M12	HC207	FLU207	1.26
207-20	1-1/4	6-7/32	5-1/8	53/64	43/64	1-27/64	35/64	3-35/64	2-3/32	2.012	0.740	7/16	HC207-20		1.33
207-21	1-5/16												HC207-21		1.29
207-22	1-3/8												HC207-22		1.26
207-23	1-7/16												HC207-23		1.24
HCFLU208	40	172	143.5	24	17	39	14	100	58.9	56.3	21.4	M12	HC208	FLU208	1.61
208-24	1-1/2	6-49/64	5-21/32	15/16	43/64	1-17/32	35/64	3-15/16	2-5/16	2.217	0.843	7/16	HC208-24		1.66
208-25	1-9/16												HC208-25		1.62
HCFLU209	45	180	148.5	24	18	40	16	108	58.9	56.3	21.4	M14	HC209	FLU209	1.88
209-26	1-5/8	7-3/32	5-27/32	15/16	45/64	1-37/64	5/8	4-1/4	2-5/16	2.217	0.843	1/2	HC209-26		1.99
209-27	1-11/16												HC209-27		1.94
209-28	1-3/4												HC209-28		1.90
HCFLU210	50	190	157	28	20	45	18	114	66.1	62.7	24.6	M16	HC210	FLU210	2.22
210-29	1-13/16	7-31/64	6-3/16	1-7/64	25/32	1-49/64	45/64	4-31/64	2-39/64	2.469	0.969	5/8	HC210-29		2.37
210-30	1-7/8												HC210-30		2.31
210-31	1-15/16												HC210-31		2.25
210-32	2												HC210-32		2.19
HCFLU211	55	217	184	31	21	48	18	128	74.6	71.4	27.8	M16	HC211	FLU211	3.06
211-32	2	8-35/64	7-1/4	7/32	53/64	1-57/64	45/64	5-3/64	2-5/16	2.811	1.094	5/8	HC211-32		3.36
211-33	2-1/16												HC211-33		3.18
211-34	2-1/8												HC211-34		3.11
211-35	2-3/16												HC211-35		3.03
HCFLU212	60	237	202	34	21	53	18	138	80.8	77.8	31	M16	HC212	FLU212	3.87
212-36	2-1/4	9-21/32	7-61/64	1-11/32	53/64	2-3/32	45/64	5-7/16	3-3/16	3.063	1.220	5/8	HC212-36		3.89
212-37	2-5/16												HC212-37		3.94
212-38	2-3/8												HC212-38		3.87
212-39	2-7/16												HC212-39		3.86
HCFLU213	65	256	210	38	22	57	21	152	89.6	85.7	34.1	M18	HC213	FLU213	5.10
213-40	2-1/2	10-1/16	8-17/64	1-1/2	55/64	2-1/4	53/64	5-63/64	3-17/32	3.374	1.343	23/32	HC213-40		5.20
213-41	2-9/16												HC213-41		5.09
HCFLU214	70	264	216	38	23	58	21	157	89.6	85.7	34.1	M18	HC214	FLU214	5.45
214-42	2-5/8	10-25/64	8-1/2	1-1/2	29/32	2-9/32	53/64	6-3/16	3-17/32	3.374	1.343	23/32	HC214-42		5.39
214-43	2-11/16												HC214-43		5.58
214-44	2-3/4												HC214-44		5.46
HCFLU215	75	275	225	41	24	62	21	164	95.8	92.1	37.3	M18	HC215	FLU215	6.30
215-45	2-13/16	10-53/64	8-55/64	1-39/64	15/16	2-7/16	53/64	6-29/64	3-49/64	3.626	1.469	23/32	HC215-45		6.60
215-46	2-7/8												HC215-46		6.47
215-47	2-15/16												HC215-47		6.34
215-48	3												HC215-48		6.20

Flange Units (Oval)

UCFT2 (Normal-duty)

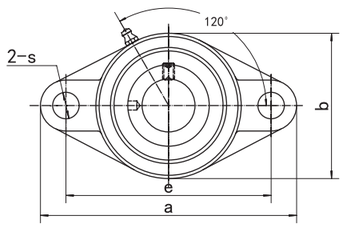


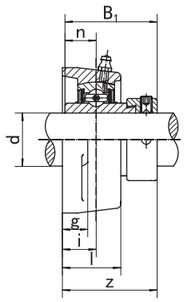


Unit NO.	Dimensions (mm / in.)											Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	b	z	B	n				
UCFT204	20	112	89.5	19.0	11.0	29.0	10.5	60.0	37.3	31.0	12.7	M8	UC204	FT204	0.45
204-12	3/4	4-13/32	3-33/64	3/4	7/16	1-9/64	27/64	2-3/8	1-15/32	1.2205	0.500	5/16	UC204-12		0.45
UCFT205	25	124	99.0	20.0	13.0	31.0	13.0	70.0	39.8	34.1	14.3	M10	UC205	FT205	0.63
205-13	13/16	4-7/8	3-57/64	25/32	1/2	1-7/32	33/64	2-3/4	1-37/64	1.3425	0.563	3/8	UC205-13		0.67
205-14	7/8												UC205-14		0.66
205-15	15/16												UC205-15		0.64
205-16	1												UC205-16		0.63
UCFT206	30	141	116.5	21.0	13.0	34.0	13.0	82.0	43.2	38.1	15.9	M10	UC206	FT206	0.89
206-17	1-1/16	5-35/64	4-37/64	53/64	1/2	1-11/32	33/64	3-15/64	1-45/64	1.5000	0.626	3/8	UC206-17		0.90
206-18	1-1/8												UC206-18		0.91
206-19	1-3/16												UC206-19		0.89
206-20	1-1/4												UC206-20		0.88
UCFT207	35	156	130.0	21.5	14.0	36.5	14.0	95.0	46.9	42.9	17.5	M12	UC207	FT207	1.25
207-20	1-1/4	6-9/64	5-1/8	27/32	35/64	1-7/16	35/64	3-47/64	1-27/32	1.6890	0.689	7/16	UC207-20		1.32
207-21	1-5/16												UC207-21		1.29
207-22	1-3/8												UC207-22		1.26
207-23	1-7/16												UC207-23		1.23
UCFT208	40	171	143.5	24.0	14.0	39.0	14.0	105.0	54.2	49.2	19.0	M12	UC208	FT208	1.61
208-24	1-1/2	6-47/64	5-21/32	61/64	35/64	1-17/32	35/64	4-9/64	2-9/64	1.9370	0.748	7/16	UC208-24		1.65
208-25	1-9/16												UC208-25		1.62
UCFT209	45	179	148.5	24.0	14.0	40.0	16.0	111.0	54.2	49.2	19.0	M14	UC209	FT209	1.81
209-26	1-5/8	7-3/64	5-55/64	61/64	35/64	1-37/64	5/8	4-3/8	2-9/64	1.9370	0.748	1/2	UC209-26		1.91
209-27	1-11/16												UC209-27		1.87
209-28	1-3/4												UC209-28		1.83
UCFT210	50	189	157.0	28.5	14.0	47.0	16.0	116.0	61.1	51.6	19.0	M14	UC210	FT210	2.15
210-29	1-13/16	7-7/16	6-3/16	1-1/8	35/64	1-27/32	5/8	4-9/16	2-13/32	2.0315	0.748	1/2	UC210-29		2.27
210-30	1-7/8												UC210-30		2.22
210-31	1-15/16												UC210-31		2.17
210-32	2												UC210-32		2.13
UCFT211	55	216	184.0	32.0	20.0	50.0	18.0	133.0	65.4	55.6	22.2	M16	UC211	FT211	3.20
211-32	2	8-1/2	7-1/4	1-17/64	25/32	1-31/32	45/64	5-15/64	2-37/64	2.1890	0.874	5/8	UC211-32		3.35
211-33	2-1/16												UC211-33		3.29
211-34	2-1/8												UC211-34		3.25
211-35	2-3/16												UC211-35		3.18
UCFT212	60	235	202	34	21	53	18	138	73.7	65.1	25.4	M16	UC212	FT212	4.00
212-36	2-1/4	9-1/4	7-61/64	1-9/64	53/64	2-3/32	23/32	5-7/16	2-29/32	2.5630	1.000	5/8	UC212-36		4.13
212-37	2-5/16												UC212-37		4.05
212-38	2-3/8												UC212-38		3.98
212-39	2-7/16												UC212-39		3.91
UCFT213	65	248	210	38	22	56	20.5	152	77.7	65.1	25.4	M18	UC213	FT213	4.72
213-40	2-1/2	9-49/64	8-17/64	1-1/2	55/64	2-13/64	13/16	5-63/64	3-1/16	2.5630	1.000	23/32	UC213-40		4.81
213-41	2-9/16												UC213-41		4.72
UCFT214	70	257	216	38	23	58	23	157	82.4	74.6	30.2	M20	UC214	FT214	5.27
214-42	2-5/8	10-7/16	8-1/2	1-1/2	29/32	2-9/32	29/32	6-3/16	3-1/4	2.9370	1.189	3/4	UC214-42		5.48
214-43	2-11/16												UC214-43		5.38
214-44	2-3/4												UC214-44		5.28

HCFT2 (Normal-duty)

Flange Units (Oval)

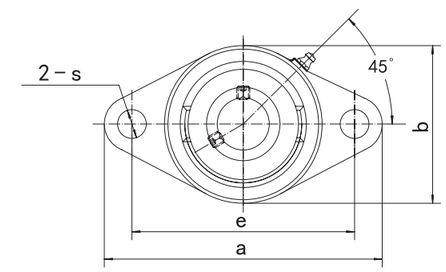


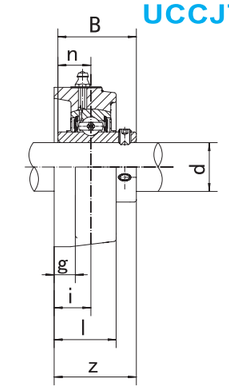


Unit NO.	Dimensions (mm / in.)											Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	b	z	B1	n				
HCFT204	20	112	89.5	19	11.0	29.0	10.5	60	45.6	43.7	17.1	M8	HC204	FT204	0.50
204-12	3/4	4-13/32	3-33/64	3/4	7/16	1-9/64	27/64	2-3/8	1-51/64	1.720	0.673	5/16	HC204-12		0.50
HCFT205	25	124	99.0	20	13	31	13	70	46.9	44.4	17.5	M10	HC205	FT205	0.69
205-13	13/16	4-7/8	3-57/64	25/32	1/2	1-7/32	33/64	2-3/4	1-27/32	1.748	0.689	3/8	HC205-13		0.74
205-14	7/8												HC205-14		0.73
205-15	15/16												HC205-15		0.71
205-16	1												HC205-16		0.69
HCFT206	30	141	116.5	21	13	34	13	82	51.1	48.4	18.3	M10	HC206	FT206	0.96
206-17	1-1/16	5-35/64	4-37/64	53/64	1/2	1-11/32	33/64	3-15/64	2-1/64	1.906	0.720	3/8	HC206-17		1.01
206-18	1-1/8												HC206-18		0.98
206-19	1-3/16												HC206-19		0.96
206-20	1-1/4												HC206-20		0.93
HCFT207	35	156	130.0	21.5	14	36.5	14	95	53.8	51.1	18.8	M12	HC207	FT207	1.39
207-20	1-1/4	6-9/64	5-1/8	27/32	35/64	1-7/16	35/64	3-47/64	2-1/8	2.012	0.740	7/16	HC207-20		1.46
207-21	1-5/16												HC207-21		1.42
207-22	1-3/8												HC207-22		1.39
207-23	1-7/16												HC207-23		1.37
HCFT208	40	171	143.5	24	14	39	14	105	58.9	56.3	21.4	M12	HC208	FT208	1.74
208-24	1-1/2	6-47/64	5-21/32	61/64	35/64	1-17/32	35/64	4-9/64	2-5/16	2.217	0.843	7/16	HC208-24		1.79
208-25	1-9/16												HC208-25		1.75
HCFT209	45	179	148.5	24	14	40	16	111	58.9	56.3	21.4	M14	HC209	FT209	1.94
209-26	1-5/8	7-3/64	5-55/64	61/64	35/64	1-37/64	5/8	4-3/8	2-5//16	2.217	0.843	1/2	HC209-26		2.05
209-27	1-11/16												HC209-27		2.00
209-28	1-3/4												HC209-28		1.96
HCFT210	50	189	157	28.5	14	47	16	116	66.6	62.7	24.6	M14	HC210	FT210	2.34
210-29	1-13/16	7-7/16	6-3/16	1-1/8	35/64	1-27/32	5/8	4-9/16	2-5/8	2.469	0.969	1/2	HC210-29		2.49
210-30	1-7/8												HC210-30		2.43
210-31	1-15/16												HC210-31		2.37
210-32	2												HC210-32		2.31
HCFT211	55	216	184	32	20	50	18	133	75.6	71.4	27.8	M16	HC211	FT211	3.47
211-32	2	8-1/2	7-1/4	1-17/64	25/32	1-31/32	45/64	5-15/64	2-31//32	2.811	1.094	5/8	HC211-32		3.77
211-33	2-1/16												HC211-33		3.59
211-34	2-1/8												HC211-34		3.52
211-35	2-3/16												HC211-35		3.44
HCFT212	60	235	202	34	21	53	18	138	80.8	77.8	31	M16	HC212	FT212	4.32
212-36	2-1/4	9-1/4	7-61/64	1-9/64	53/64	2-3/32	45/64	5-7/16	2-3/16	3.063	1.220	5/8	HC212-36		4.33
212-37	2-5/16												HC212-37		4.39
212-38	2-3/8												HC212-38		4.32
212-39	2-7/16												HC212-39		4.31
HCFT213	65	248	210	38	22	56	20.5	152	89.6	85.7	34.1	M18	HC213	FT213	5.26
213-40	2-1/2	9-49/64	8-17/64	1-1/2	55/64	2-13/64	13/16	5-63/64	3-17/32	3.374	1.343	23/32	HC213-40		5.36
213-41	2-9/16												HC213-41		5.25
HCFT214	70	257	216	38	23	58	23	157	89.6	85.7	34.1	M20	HC214	FT214	5.68
214-42	2-5/8	10-7/16	8-1/2	1-1/2	29/32	2-9/32	29/32	6-3/16	3-17/32	3.374	1.343	3/4	HC214-42		5.62
214-43	2-11/16												HC214-43		5.81
214-44	2-3/4												HC214-44		5.69

Flange Units (Oval)

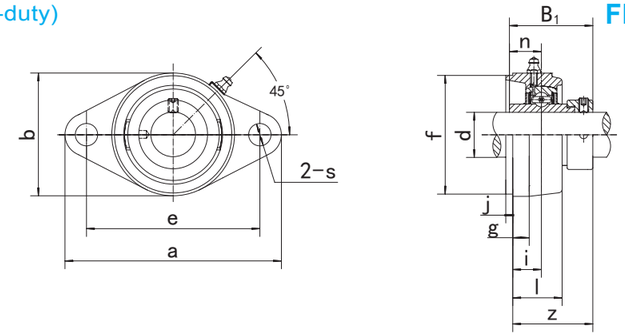
UCCJT2 (Normal-duty)





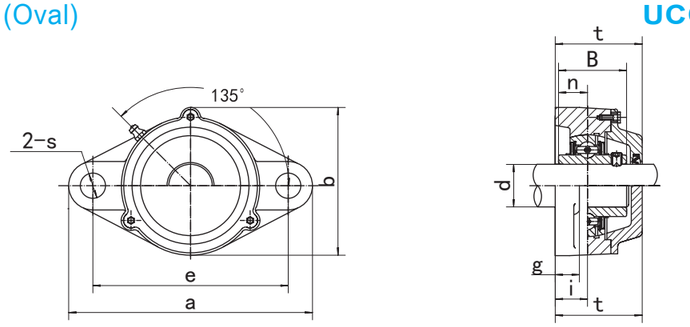
Unit NO.	Dimensions (mm / in.)											Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	b	z	B	n				
UCCJT201	12	99	76.5	17	9.5	25	11.5	57	32.9	27.4	11.5	M10	UCS201RG	CJT201	0.37
UCCJT202	15	3-57/64	3-1/64	43/64	3/8	63/64	29/64	2-1/4	1-19/64	1.0787	0.453	3/8	UCS202RG	CJT202	0.36
UCCJT203	17												UCS203RG	CJT203	0.35
UCCJT204	20	112 4-13/32	90 3-35/64	19 3/4	10 25/64	28 1-7/64	11.5 29/64	61 2-13/32	37.3 1-15/32	31 1.2205	12.7 0.500	M10 3/8	UC204RG	CJT204	0.45
UCCJT205	25	124 4-7/8	99 3-57/64	19 3/4	11 7/16	29 1-9/64	11.5 29/64	70 2-3/4	38.8 1-17/32	34.1 1.3425	14.3 0.563	M10 3/8	UC205RG	CJT205	0.61
UCCJT206	30	142 5-19/32	116.5 4-19/32	20 25/32	12 15/32	30 1-3/16	11.5 29/64	80 3-5/32	42.2 1-21/32	38.1 1.5000	15.9 0.626	M10 3/8	UC206RG	CJT206	0.83
UCCJT207	35	155 6-7/64	130 5-1/8	21 53/64	12.5 31/64	32 1-17/64	14 35/64	92 3-5/8	46.4 1-53/64	42.9 1.6890	17.5 0.689	M12 1/2	UC207RG	CJT207	1.14
UCCJT208	40	172 6-49/64	143.5 5-43/64	24 61/64	13 33/64	35 1-3/8	14 35/64	105 4-9/64	54.2 2-9/64	49.2 1.9370	19 0.748	M12 1/2	UC208RG	CJT208	1.62
UCCJT209	45	180 7-5/32	148.5 5-53/64	24 61/64	13 33/64	36 1-27/64	14 35/64	111 4-3/8	54.2 2-9/64	49.2 1.9370	19 0.748	M12 1/2	UC209RG	CJT209	1.75
UCCJT210	50	190 7-31/64	157 6-3/16	28 1-7/64	13 33/64	41 1-5/8	18 45/64	116 4-9/16	60.6 2-25/64	51.6 2.0315	19 0.748	M16 5/8	UC210RG	CJT210	2.05
UCCJT211	55	222 8-47/64	184 4-39/64	31 1-7/32	15 19/32	44 1-47/64	18 45/64	134 5-9/32	64.4 2-17/32	55.6 2.1890	22.2 0.874	M16 5/8	UC211RG	CJT211	3.12
UCCJT212	60	238 9-3/8	202 5-1/8	34 1-11/32	16 5/8	48 1-57/64	18 45/64	138 5-7/16	73.7 2-29/32	65.1 2.5630	25.4 1.000	M16 5/8	UC212RG	CJT212	3.59
UCCJT213	65	258 10-5/32	216 8-1/2	38 1-1/2	18 45/64	57 2-1/4	21 53/64	160 6-19/64	77.7 3-1/16	65.1 2.5630	25.4 1.000	M18 23/32	UC213RG	CJT213	5.47
UCCJT214	70	258 10-5/32	216 8-1/2	38 1-1/2	18 45/64	57 2-1/4	21 53/64	160 6-19/64	82.5 3-1/4	74.6 2.9370	30.2 1.189	M18 23/32	UC214RG	CJT214	5.86
UCCJT215	75	258 10-5/32	216 8-1/2	38 1-1/2	18 45/64	57 2-1/4	21 53/64	160 6-19/64	82.5 3-1/4	77.8 3.0630	33.3 1.311	M18 23/32	UC215RG	CJT215	5.68

HCCJTZ2 (Normal-duty) Flange Units (Oval)



Unit NO.	Dimensions (mm / in.)													Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	j	b	f	z	B1	n				
HCCJTZ204	20	112.5	90	19	10	31.7	11.5	3.5	60.5	55	45.6	43.7	17.1	M10	HC204RG	CJTZ204	0.54
		4-7/16	3-35/64	3/4	25/64	1-1/4	29/64	9/64	2-13/32	2-11/64	1-51/64	1.720	0.673	3/8			
HCCJTZ205	25	124	99	19	12	28	11.5	3.5	70	60	45.9	44.4	17.5	M10	HC205RG	CJTZ205	0.64
		4-7/8	3-57/64	3/4	15/32	1-3/32	29/64	9/64	2-3/4	2-23/64	1-13/16	1.748	0.689	3/8			
HCCJTZ206	30	142	116.5	17	12	27	11.5	3	83	80	47.1	48.4	18.3	M10	HC206RG	CJTZ206	0.91
		5-19/32	4-19/32	43/64	15/32	1-1/16	29/64	1/8	3-17/64	3-5/32	1-55/64	1.906	0.720	3/8			
HCCJTZ207	35	155	130	17	12.5	27	14	4	94	90	49.3	51.1	18.8	M12	HC207RG	CJTZ207	1.27
		6-7/64	5-1/8	43/64	31/64	1-1/16	35/64	5/32	3-45/64	3-35/64	1-15/16	2.012	0.740	1/2			
HCCJTZ208	40	172	143.5	20	13	30.5	14	4	105	100	54.9	56.3	21.4	M12	HC208RG	CJTZ208	1.71
		6-49/64	5-43/64	25/32	33/64	1-13/64	35/64	5/32	4-9/64	3-5/16	2-5/32	2.217	0.843	1/2			
HCCJTZ209	45	180	148.5	20	13	31	14	4	111	105	54.9	56.3	21.4	M12	HC209RG	CJTZ209	1.88
		7-5/32	5-53/64	25/32	33/64	1-7/32	35/64	5/32	4-3/8	4-9/64	2-5/32	2.217	0.843	1/2			
HCCJTZ210	50	190	157	24	13	36	14	4	116	105	62.1	62.7	24.6	M12	HC210RG	CJTZ210	2.18
		7-31/64	6-3/16	15/16	33/64	1-27/64	35/64	5/32	4-9/16	4-9/64	2-7/16	2.469	0.969	1/2			
HCCJTZ212	60	238	202	30	16	43	18	4	138	130	76.8	77.8	31	M16	HC212RG	CJTZ212	3.68
		9-3/8	5-1/8	1-3/16	5/8	1-11/16	45/64	5/32	5-7/16	5-1/8	3-1/32	3.063	1.220	5/8			

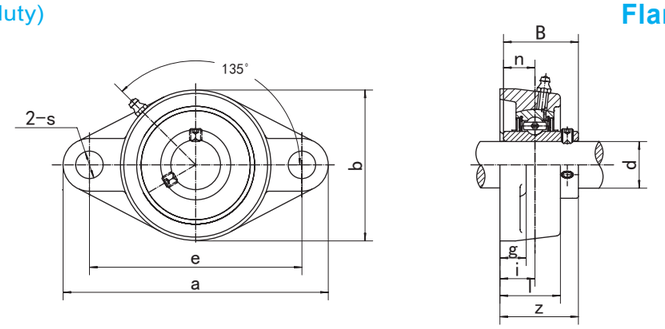
Flange Units (Oval) UCCFL2 (Normal-duty)



Unit NO.	Dimensions (mm / in.)										Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	s	b	t	B	n				
UCCFL204	20	113	90	15	11	12	66	46	31	12.7	M10	UC204	CFL204	0.60
204-12	3/4	4-7/16	3-35/64	19/32	7/16	15/32	2-19/32	1-13/16	1.2205	0.500	3/8	UC204-12		0.60
UCCFL205	25	130	99	16	13	16	73	51	34.1	14.3	M14	UC205	CFL205	0.92
205-13	13/16	5-1/8	3-57/64	5/8	1/2	5/8	2-7/8	2-1/64	1.3425	0.563	1/2	UC205-13		0.96
205-14	7/8											UC205-14		0.95
205-15	15/16											UC205-15		0.93
205-16	1											UC205-16		0.92
UCCFL206	30	148	117	18	13	16	84	55	38.1	15.9	M14	UC206	CFL206	1.23
206-17	1-1/16	5-13/16	4-39/64	45/64	1/2	5/8	3-15/16	1-11/64	1.5000	0.626	1/2	UC206-17		1.24
206-18	1-1/8											UC206-18		1.25
206-19	1-3/16											UC206-19		1.23
206-20	1-1/4											UC206-20		1.22
UCCFL207	35	161	130	19	14	16	94	59	42.9	17.5	M14	UC207	CFL207	1.67
207-20	1-1/4	6-11/32	5-1/8	3/4	35/64	5/8	3-45/64	1-21/64	1.6890	0.689	1/2	UC207-20		1.73
207-21	1-5/16											UC207-21		1.70
207-22	1-3/8											UC207-22		1.67
207-23	1-7/16											UC207-23		1.64
UCCFL208	40	175	144	21	14	16	104	66	49.2	19	M14	UC208	CFL208	2.20
208-24	1-1/2	6-7/8	5-43/64	53/64	35/64	5/8	3-3/32	2-19/32	1.9370	0.748	1/2	UC208-24		2.24
208-25	1-9/16											UC208-25		2.21
UCCFL209	45	188	148	22	15	19	113	67	49.2	19	M16	UC209	CFL209	2.60
209-26	1-5/8	7-13/32	5-53/64	55/64	19/32	3/4	4-29/64	2-41/64	1.9370	0.748	5/8	UC209-26		2.70
209-27	1-11/16											UC209-27		2.66
209-28	1-3/4											UC209-28		2.62
UCCFL210	50	197	157	22	15	19	120	71	51.6	19	M16	UC210	CFL210	2.96
210-29	1-13/16	7-3/4	6-3/16	55/64	19/32	3/4	4-23/32	2-51/64	2.0315	0.748	5/8	UC210-29		3.08
210-30	1-7/8											UC210-30		3.03
210-31	1-15/16											UC210-31		2.98
210-32	2											UC210-32		2.84
UCCFL211	55	224	184	25	18	19	134	75	55.6	22.2	M16	UC211	CFL211	4.27
211-32	2	8-13/16	7-1/4	63/64	23/32	3/4	5-9/32	2-61/64	2.1890	0.874	5/8	UC211-32		4.42
211-33	2-1/16											UC211-33		4.36
211-34	2-1/8											UC211-34		4.31
211-35	2-3/16											UC211-35		4.25
UCCFL212	60	250	202	29	18	23	144	86	65.1	25.4	M20	UC212	CFL212	5.27
212-36	2-1/4	9-27/32	7-61/64	1-9/64	23/32	29/32	5-43/64	3-25/64	2.5630	1.000	3/4	UC212-36		5.40
212-37	2-5/16											UC212-37		5.32
212-38	2-3/8											UC212-38		5.25
212-39	2-7/16											UC212-39		5.18
UCCFL213	65	258	210	30	22	23	157	89	65.1	25.4	M20	UC213	CFL213	6.68
213-40	2-1/2	10-5/32	8-17/64	1-3/16	7/8	29/32	6-3/16	3-35/64	2.5630	1.000	3/4	UC213-40		6.77
213-41	2-9/16											UC213-41		6.68
UCCFL214	70	265	216	31	22	23	163	98	74.6	30.2	M20	UC214	CFL214	7.50
214-42	2-5/8	10-7/16	8-1/2	1-7/32	7/8	29/32	6-27/64	3-55/64	2.9370	1.189	3/4	UC214-42		7.71
214-43	2-11/16											UC214-43		7.61
214-44	2-3/4											UC214-44		7.51
UCCFL215	75	275	225	34	22	23	168	102	77.8	33.3	M20	UC215	CFL215	8.01
215-45	2-13/16	10-13/16	8-55/64	1-11/32	7/8	29/32	6-39/64	4-1/64	3.630	1.311	3/4	UC215-45		8.26
215-46	2-7/8											UC215-46		8.15
215-47	2-15/16											UC215-47		8.04
215-48	3											UC215-48		7.92
UCCFL216	80	290	233	34	22	25	188	107	82.6	33.3	M22	UC216	CFL216	10.40
216-49	3-1/16	11-13/32	9-11/64	1-11/32	7/8	63/64	7-13/32	4-7/32	3.2520	1.311	7/8	UC216-49		10.58
216-50	3-1/8											UC216-50		10.45
216-51	3-3/16											UC216-51		10.32
UCCFL217	85	305	248	36	24	25	198	111	85.7	34.1	M22	UC217	CFL217	12.76
217-52	3-1/4	12	9-49/64	1-27/64	15/16	63/64	7-51/64	4-3/8	3.3740	1.343	7/8	UC217-52		12.98
217-53	3-5/16											UC217-53		12.84
217-55	3-7/16											UC217-55		12.55
UCCFL218	90	320	265	40	24	25	211	122	96	39.7	M22	UC218	CFL218	15.16
218-56	3-1/2	12-19/32	10-7/16	1-37/64	15/16	63/64	8-5/16	4-51/64	3.7795	1.5630	7/8	UC218-56		15.27

UCFLX(Medium-duty)

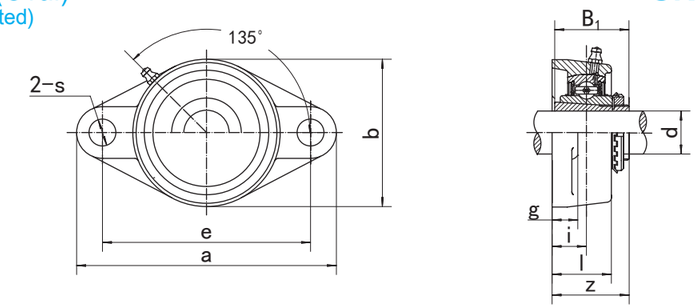
Flange Units (Oval)



Unit NO.	Dimensions (mm / in.)											Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	b	z	B	n				
UCFLX05	25	141	117	18	13	30	12	83	40.2	38.1	15.9	M10	UCX05	FLX05	0.90
X05-13	13/16	5-9/16	4-39/64	45/64	1/2	1-3/16	15/32	3-9/32	1-37/64	1.5000	0.626	3/8	UCX05-13		
X05-14	7/8												UCX05-14		
X05-15	15/16												UCX05-15		
X05-16	1												UCX05-16		
UCFLX06	30	156	130	19	15	34	16	95	44.4	42.9	17.5	M14	UCX06	FLX06	1.26
X06-17	1-1/16	6-5/32	5-1/8	3/4	19/32	1-11/32	5/8	3-3/4	1-3/4	1.6890	0.689	1/2	UCX06-17		
X06-18	1-1/8												UCX06-18		
X06-19	1-3/16												UCX06-19		
X06-20	1-1/4												UCX06-20		
UCFLX07	35	171	144	21	16	38	16	105	51.2	49.2	19	M14	UCX07	FLX07	1.67
X07-21	1-5/16	6-23/32	5-43/64	53/64	5/8	1-1/2	5/8	4-1/8	2-1/64	1.9370	0.748	1/2	UCX07-21		
X07-22	1-3/8												UCX07-22		
X07-23	1-7/16												UCX07-23		
UCFLX08	40	179	148	22	16	40	16	111	52.2	49.2	19	M14	UCX08	FLX08	1.93
X08-24	1-1/2	7-1/16	5-53/64	55/64	5/8	1-9/16	5/8	4-3/8	2-1/16	1.9370	0.748	1/2	UCX08-24		
X08-25	1-9/16												UCX08-25		
UCFLX09	45	189	157	23	16	40	16	116	55.6	51.6	19	M14	UCX09	FLX09	2.10
X09-26	1-5/8	7-7/16	6-3/16	29/32	5/8	1-37/64	5/8	4-9/16	2-3/16	2.0315	0.748	1/2	UCX09-26		
X09-27	1-11/16												UCX09-27		
X09-28	1-3/4												UCX09-28		
X09-29	1-13/16												UCX09-29		
UCFLX10	50	216	184	26	18	44	19	133	59.4	55.6	22.2	M16	UCX10	FLX10	2.97
X10-30	1-7/8	8-1/2	7-1/4	1-1/32	23/32	1-23/32	3/4	5-1/4	2-11/32	2.1890	0.874	5/8	UCX10-30		
X10-31	1-15/16												UCX10-31		
X10-32	2												UCX10-32		

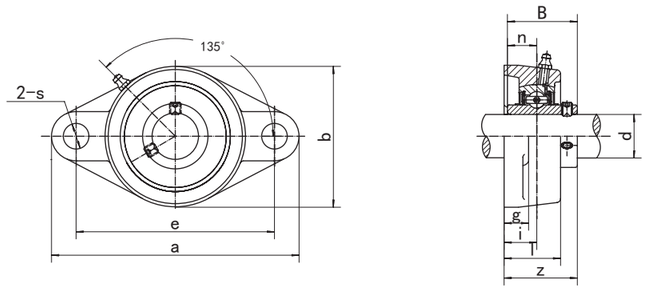
Flange Units (Oval)
(with adapter mounted)

UKFLX(Medium-duty)



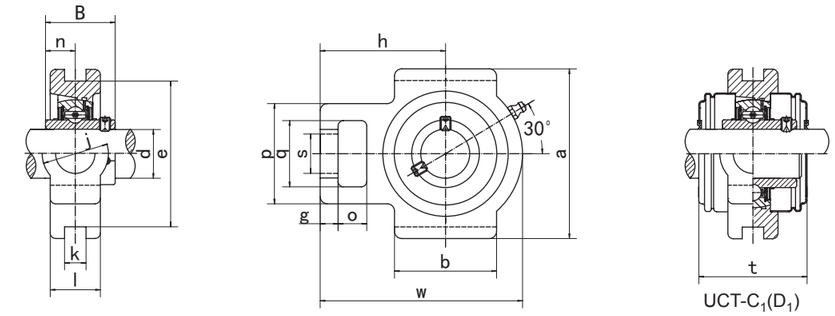
Unit NO.	Dimensions (mm / in.)										Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	b	z	B1				
UKFLX05;H2305	20	141	117	18	13	30	12	83	39	35	M10	UKX05;H2305	FLX05	0.90
X05;HE2305	3/4	5-9/16	4-39/64	45/64	1/2	1-3/16	15/32	3-9/32	1-17/32	1.378	3/8	UKX05;HE2305		
UKFLX06;H2306	25	156	130	19	15	34	16	95	41.5	38	M14	UKX06;H2306	FLX06	1.30
X06;HS2306	7/8	6-5/32	5-1/8	3/4	19/32	1-11/32	5/8	3-3/4	1-41/64	1.496	1/2	UKX06;HS2306		
X06;HE2306	1											UKX06;HE2306		
UKFLX07;H2307	30	171	144	21	16	38	16	105	45.5	43	M14	UKX07;H2307	FLX07	1.70
X07;HS2307	1-1/8	6-23/32	5-43/64	53/64	5/8	1-1/2	5/8	4-1/8	1-51/64	1.693	1/2	UKX07;HS2307		
UKFLX08;H2308	35	179	148	22	16	40	16	111	47.5	46	M14	UKX08;H2308	FLX08	1.98
X08;HE2308	1-1/4	7-1/16	5-53/64	55/64	5/8	1-9/16	5/8	4-3/8	1-7/8	1.811	1/2	UKX08;HE2308		
X08;HS2308	1-3/8											UKX08;HS2308		
UKFLX09;H2309	40	189	157	23	16	40	16	116	50	50	M14	UKX09;H2309	FLX09	2.15
X09;HA2309	1-7/16	7-7/16	6-3/16	29/32	5/8	1-37/64	5/8	4-9/16	1-31/32	1.969	1/2	UKX09;HA2309		
X09;HE2309	1-1/2											UKX09;HE2309		
X09;HS2309	1-5/8											UKX09;HS2309		
UKFLX10;H2310	45	216	184	26	18	44	19	133	55.5	55	M16	UKX10;H2310	FLX10	3.12
X10;HS2310	1-5/8	8-1/2	7-1/4	1-1/32	23/32	1-23/32	3/4	5-1/4	2-3/16	2.165	5/8	UKX10;HS2310		
X10;HA2310	1-11/16											UKX10;HA2310		
X10;HE2310	1-3/4											UKX10;HE2310		

UCFL3 (Heavy-duty) Flange Units (Oval)



Unit NO.	Dimensions (mm / in.)											Bolt Size mm/in.	Bearing No.	Housing No.	Weight (kg)
	d	a	e	i	g	l	s	b	z	B	n				
UCFL305	25	150	113	16	13	29	19	80	39	38	15	M16	UC305	FL305	0.89
305-13	13/16	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	UC305-13		0.94
305-14	7/8												UC305-14		0.92
305-15	15/16												UC305-15		0.90
305-16	1												UC305-16		0.89
UCFL306	30	180	134	18	15	32	23	90	44	43	17	M20	UC306	FL306	1.37
306-17	1-1/16	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	UC306-17		1.42
306-18	1-1/8												UC306-18		1.39
306-19	1-3/16												UC306-19		1.37
UCFL307	35	185	141	20	16	36	23	100	49	48	19	M20	UC307	FL307	1.67
307-20	1-1/4	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	UC307-20		1.73
307-21	1-5/16												UC307-21		1.70
307-22	1-3/8												UC307-22		1.67
307-23	1-7/16												UC307-23		1.64
UCFL308	40	200	158	23	17	40	23	112	56	52	19	M20	UC308	FL308	2.20
308-24	1-1/2	7-7/8	6-7/32	29/32	21/32	1-9/16	29/32	4-13/32	1-13/64	2.0472	0.748	3/4	UC308-24		2.25
308-25	1-9/16												UC308-25		2.21
UCFL309	45	230	177	25	18	44	25	125	60	57	22	M22	UC309	FL309	3.12
309-26	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	UC309-26		3.21
309-27	1-11/16												UC309-27		3.17
309-28	1-3/4												UC309-28		3.12
UCFL310	50	240	187	28	19	48	25	140	67	61	22	M22	UC310	FL310	3.99
310-29	1-13/16	9-7/16	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	UC310-29		4.34
310-30	1-7/8												UC310-30		4.09
310-31	1-15/16												UC310-31		4.03
UCFL311	55	250	198	30	20	52	25	150	71	66	25	M22	UC311	FL311	4.79
311-32	2	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	UC311-32		4.97
311-33	2-1/16												UC311-33		4.90
311-34	2-1/8												UC311-34		4.84
311-35	2-3/16												UC311-35		4.76
UCFL312	60	270	212	33	22	56	31	160	78	71	26	M27	UC312	FL312	5.77
312-36	2-1/4	10-5/8	8-11/32	1-19/64	7/8	2-7/32	1-7/32	6-5/64	3-5/64	2.7953	1.024	1	UC312-36		5.92
312-37	2-5/16												UC312-37		5.84
312-38	2-3/8												UC312-38		5.75
312-39	2-7/16												UC312-39		5.67
UCFL313	65	295	240	33	25	58	31	175	78	75	30	M27	UC313	FL313	7.38
313-40	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	UC313-40		7.46
313-41	2-9/16												UC313-41		7.36
UCT314	70	315	250	36	28	61	35	185	81	78	33	M30	UC314	FL314	8.72
314-42	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	UC314-42		8.94
314-43	2-11/16												UC314-43		8.83
314-44	2-3/4												UC314-44		8.73
UCFL315	75	320	260	39	30	66	35	195	89	82	32	M30	UC315	FL315	10.02
315-45	2-13/16	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	UC315-45		10.29
315-46	2-7/8												UC315-46		10.15
315-47	2-15/16												UC315-47		10.06
315-48	3												UC315-48		9.93
UCFL316	80	355	285	38	32	68	38	210	90	86	34	M33	UC316	FL316	12.42
316-49	3-1/16	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	UC316-49		12.59
316-50	3-1/8												UC316-50		12.45
316-51	3-3/16												UC316-51		12.36
UCFL317	85	370	300	44	32	74	38	220	100	96	40	M33	UC317	FL317	14.34
317-52	3-1/4	14-9/16	11-13/16	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	UC317-52		14.56
317-53	3-5/16												UC317-53		14.53
317-55	3-7/16												UC317-55		14.31
UCFL318	90	385	315	44	36	76	38	235	100	96	40	M33	UC318	FL318	16.87
318-55	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	UC318-55		17.16
318-56	3-1/2												UC318-56		16.98
UCFL319	95	405	330	59	40	94	41	250	121	103	41	M36	UC319	FL319	21.71
319-58	3-5/8	15-15/16	12-63/64	2-21/64	1-9/16	3-11/16	1-39/64	9-27/32	4-49/64	4.0551	1.614	1-3/8	UC319-58		22.04
319-59	3-11/16												UC319-59		21.86
317-60	3-3/4												UC317-60		21.67
UCFL320	100	440	360	59	40	94	44	270	125	108	42	M39	UC320	FL320	25.95
320-64	4	17-5/16	14-11/64	2-21/64	1-9/16	3-11/16	1-47/64	10-5/8	4-29/32	4.2519	1.6535	1-1/2	UC320-64		25.75
UCFL322	110	470	390	60	42	96	44	300	131	117	46	M39	UC322	FL322	33.05
		18-1/2	15-23/64	2-23/64	1-21/32	3-25/32	1-47/64	11-13/16	5-5/32	4.6063	1.8110				
UCFL324	120	520	430	65	48	110	47	330	140	126	51	M42	UC324	FL324	46.47
		20-15/32	16-59/64	2-9/16	1-7/8	4-11/32	1-27/32	13	5-1/2	4.9606	2.0079				
UCFL326	130	550	460	65	50	115	47	360	146	135	54	M42	UC326	FL326	57.38
		21-21/32	18-7/64	2-9/16	1-31/32	4-17/32	1-27/32	14-3/16	5-3/4	5.3150	2.1260				
UCFL328	140	600	500	75	60	125	51	400	161	145	59	M45	UC328	FL328	79.08
		23-5/8	19-11/16	2-61/64	2-3/8	4-29/32	2	15-3/4	6-11/32	5.7086	2.3228				

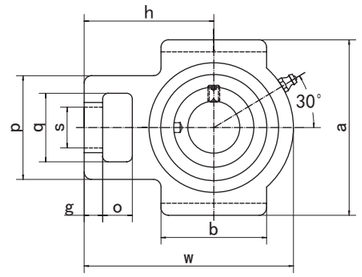
Take-up Units UCT2 (Normal-duty)

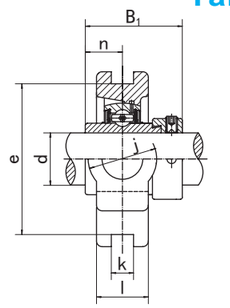


Unit NO.	Dimensions (mm / in.)																	Bearing No.	Housing No.	Weight (kg)
	d	o	g	p	q	s	b	k	e	a	w	j	l	h	t	B	n			
UCT201	12	16	10	51	32	19	51	12	76	89	94	32	21	61	44.5	31	12.7	UC201	T201	0.77
201-8	1/2	5/8	25/64	2-1/64	1-1/4	3/4	2-1/64	15/32	2-63/64	3-1/2	3-11/16	1-1/4	53/64	2-13/32	1-3/4	1.2205	0.500	UC201-8		0.76
UCT202	15	16	10	51	32	19	51	12	76	89	94	32	21	61	44.5	31	12.7	UC202	T202	0.76
202-9	9/16	5/8	25/64	2-1/64	1-1/4	3/4	2-1/64	15/32	2-63/64	3-1/2	3-11/16	1-1/4	53/64	2-13/32	1-3/4	1.2205	0.500	UC202-9		0.76
202-10	5/8																	UC202-10		0.76
UCT203	17	16	10	51	32	19	51	12	76	89	94	32	21	61	44.5	31	12.7	UC203	T203	0.75
203-11	11/16	5/8	25/64	2-1/64	1-1/4	3/4	2-1/64	15/32	2-63/64	3-1/2	3-11/16	1-1/4	53/64	2-13/32	1-3/4	1.2205	0.500	UC203-11		0.74
UCT204	20	16	10	51	32	19	51	12	76	89	94	32	21	61	44.5	31	12.7	UC204	T204	0.73
204-12	3/4	5/8	25/64	2-1/64	1-1/4	3/4	2-1/64	15/32	2-63/64	3-1/2	3-11/16	1-1/4	53/64	2-13/32	1-3/4	1.2205	0.500	UC204-12		0.73
UCT205	25	16	10	51	32	19	51	12	76	89	97	32	24	62	48	34.1	14.3	UC205	T205	0.80
205-13	13/16	5/8	25/64	2-1/64	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	UC205-13		0.84
205-14	7/8																	UC205-14		0.83
205-15	15/16																	UC205-15		0.81
205-16	1																	UC205-16		0.80
UCT206	30	16	10	56	37	22	57	12	89	102	113	37	28	70	53	38.1	15.9	UC206	T206	1.22
206-17	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	UC206-17		1.23
206-18	1-1/8																	UC206-18		1.24
206-19	1-3/16																	UC206-19		1.22
206-20	1-1/4																	UC206-20		1.21
UCT207	35	16	13	64	37	22	64	12	89	102	129	37	30	78	59.5	42.9	17.5	UC207	T207	1.57
207-20	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	UC207-20		1.63
207-21	1-5/16																	UC207-21		1.60
207-22	1-3/8																	UC207-22		1.57
207-23	1-7/16																	UC207-23		1.54
UCT208	40	19	16	83	49	29	83	16	102	114	144	49	33	89	69	49.2	19	UC208	T208	2.31
208-24	1-1/2	3/4	5/8	3-17/64	1-15/16	1-9/64	3-17/64	5/8	4-1/64	4-31/64	5-43/64	1-15/16	1-19/64	3-1/2	2-23/32	1.9370	0.748	UC208-24		2.35
208-25	1-9/16																	UC208-25		2.32
UCT209	45	19	16	83	49	29	83	16	102	117	144	49	35	87	69	49.2	19	UC209	T209	2.34
209-26	1-5/8	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	1.9370	0.748	UC209-26		2.44
209-27	1-11/16																	UC209-27		2.40
209-28	1-3/4																	UC209-28		2.36
UCT210	50	19	16	83	49	29	86	16	102	117	149	49	37	90	74.5	51.6	19	UC210	T210	2.47
210-29	1-13/16	3/4	5/8	3-17/64	1-15/16	1-9/64	3-17/64	5/8	4-1/64	4-39/64	5-55/64	1-15/16	1-29/64	3-35/64	2-15/16	2.0315	0.748	UC210-29		2.59
210-30	1-7/8																	UC210-30		2.54
210-31	1-15/16																	UC210-31		2.49
210-32	2																	UC210-32		2.45
UCT211	55	25	19	102	64	35	95	22	130	146	171	64	38	106	76	55.6	22.2	UC211	T211	3.74
211-32	2	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	2.1890	0.874	UC211-32		3.89
211-33	2-1/16																	UC211-33		3.83
211-34	2-1/8																	UC211-34		3.79
211-35	2-3/16																	UC211-35		3.72
UCT212	60	32	19	102	64	35	102	22	130	146	194	64	42	119	89	65.1	25.4	UC212	T212	4.58
212-36	2-1/4	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	2.5630	1.000	UC212-36		4.71
212-37	2-5/16																	UC212-37		4.63
212-38	2-3/8																	UC212-38		4.56
212-39	2-7/16																	UC212-39		4.49
UCT213	65	32	21	111	70	41	121	26	151	167	224	70	44	137	89	65.1	25.4	UC213	T213	6.60
213-40	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		6.69
213-41	2-9/16																	UC213-41		6.60
UCT214	70	32	21	111	70	41	121	26	151	167	224	70	46	137	98	74.6	30.2	UC214	T214	6.74
214-42	2-5/8	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	8-13/16	2-3/4	1-13/16	5-25/64	3-55/64	2.937	1.189	UC214-42		6.95
214-43	2-11/16																	UC214-43		6.85
214-44	2-3/4																	UC214-44		6.75
UCT215	75	32	21	111	70	41	121	26	151	167	232	70	48	140	99	77.8	33.3	UC215	T215	7.19
215-45	2-13/16	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	3-57/64	3.0630	1.311	UC215-45		7.19
215-46	2-7/8																	UC215-46		7.44
215-47	2-15/16																	UC215-47		7.33
215-48	3																	UC215-48		7.13
UCT216	80	32	21	111	70	41	121	26	165	184	235	70	51	140	109	82.6	33.3	UC216	T216	8.08
216-49	3-1/16	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	4-19/64	3.2520	1.311	UC216-49		8.26
216-50	3-1/8																	UC216-50		8.13
216-51	3-3/16																	UC216-51		8.00
UCT217	85	38	29	124	73	48	157	30	173	198	260	73	54	162	113.2	85.7	34.1	UC217	T217	10.66
217-52	3-1/4	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	4-29/64	3.3740	1.343	UC217-52		10.78
217-53	3-5/16																	UC217-53		10.74
217-55	3-7/16																	UC217-55		10.45
UCT218	90	40	30	130	80	48	140	30	190	215	275	80	55	170	123	96	39.7	UC218	T218	12.19
218-56	3-1/2	1-37/64	1-3/16	5-1/8	3-5/32	1-57/64	5-35/64	1-3/16	7-31/64	8-15/32	10-53/64	3-5/32	2-11/64	6-11/16	4-27/32	3.7795	1.563	UC218-56		12.30

HCT2 (Normal-duty)

Take-up Units

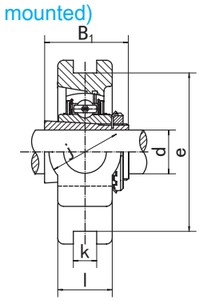


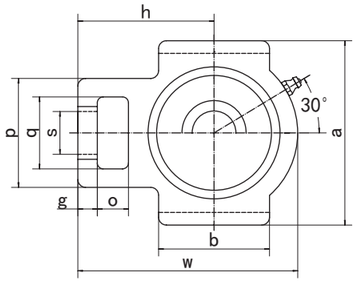


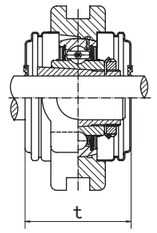
Unit NO.	Dimensions (mm / in.)																Bearing No.	Housing No.	Weight (kg)
	d	o	g	p	q	s	b	k	e	a	w	j	l	h	B1	n			
HCT204	20	16	10	51	32	19	51	12	76	89	94	32	21	61	43.7	17.1	HC204	T204	0.78
204-12	3/4	5/8	25/64	1-1/16	1-1/4	3/4	2-1/64	15/32	2-63/64	3-1/2	3-11/16	1-1/4	13/16	2-13/32	1.720	0.673	HC204-12		0.78
HCT205	25	16	10	51	32	19	51	12	76	89	97	32	24	62	44.4	17.5	HC205	T205	0.86
205-13	13/16	5/8	25/64	2-1/64	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	1.748	0.689	HC205-13		0.91
205-14	7/8																HC205-14		0.90
205-15	15/16																HC205-15		0.88
205-16	1																HC205-16		0.86
HCT206	30	16	10	56	37	22	57	12	89	102	113	37	28	70	48	18.3	HC206	T206	1.29
206-17	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	4-29/64	1-3/32	2-3/4	1.906	0.720	HC206-17		1.34
206-18	1-1/8																HC206-18		1.31
206-19	1-3/16																HC206-19		1.29
206-20	1-1/4																HC206-20		1.26
HCT207	35	16	13	64	37	22	64	12	89	102	129	37	30	78	51.1	18.8	HC207	T207	1.70
207-20	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	20.12	0.740	HC207-20		1.77
207-21	1-5/16																HC207-21		1.73
207-22	1-3/8																HC207-22		1.70
207-23	1-7/16																HC207-23		1.68
HCT208	40	19	16	83	49	29	83	16	102	114	144	49	33	89	56.3	21.4	HC208	T208	2.45
208-24	1-1/2	3/4	5/8	3-17/64	1-15/16	1-9/64	3-17/64	5/8	4-1/64	4-31/64	5-43/64	1-15/16	1-5/16	3-1/2	2.217	0.843	HC208-24		2.50
208-25	1-9/16																HC208-25		2.46
HCT209	45	19	16	83	49	29	83	16	102	117	144	49	35	87	56.3	21.4	HC209	T209	2.47
209-26	1-5/8	3/4	5/8	3-17/64	1-15/16	1-9/64	3-17/64	5/8	4-1/64	4-39/64	5-43/64	1-15/16	1-3/8	3-27/64	2.217	0.843	HC209-26		2.58
209-27	1-11/16																HC209-27		2.53
209-28	1-3/4																HC209-28		2.49
HCT210	50	19	16	83	49	29	86	16	102	117	149	49	37	90	62.7	24.6	HC210	T210	2.66
210-29	1-13/16	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	2.469	0.969	HC210-29		2.81
210-30	1-7/8																HC210-30		2.75
210-31	1-15/16																HC210-31		2.69
210-32	2																HC210-32		2.63
HCT211	55	25	19	102	64	35	95	22	130	146	171	64	38	106	71.4	27.8	HC211	T211	4.01
211-32	2	63/64	3/4	4-1/64	2-1/32	1-3/8	3-3/4	55/64	5-1/8	5-3/4	6-47/64	2-33/64	1-1/2	4-11/64	2.811	1.094	HC211-32		4.31
211-33	2-1/16																HC211-33		4.13
211-34	2-1/8																HC211-34		4.06
211-35	2-3/16																HC211-35		3.98
HCT212	60	32	19	102	64	35	102	22	130	146	194	64	42	119	77.8	31	HC212	T212	4.90
212-36	2-1/4	1-17/64	3/4	4-1/64	2-1/32	1-3/8	4-1/64	55/64	5-1/8	5-3/4	7-41/64	2-33/64	1-21/32	4-11/16	3.063	1.220	HC212-36		4.92
212-37	2-5/16																HC212-37		4.97
212-38	2-3/8																HC212-38		4.90
212-39	2-7/16																HC212-39		4.89
HCT213	65	32	21	111	70	41	121	26	151	167	224	70	44	137	85.7	34.1	HC213	T213	7.14
213-40	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	1-47/64	5-25/64	3.374	1.343	HC213-40		7.24
213-41	2-9/16																HC213-41		7.13
HCT214	70	32	21	111	70	41	121	26	151	167	224	70	46	137	85.7	34.1	HC214	T214	7.15
214-42	2-5/8	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	8-13/16	2-3/4	1-13/16	5-25/64	3.374	1.343	HC214-42		7.09
214-43	2-11/16																HC214-43		7.28
214-44	2-3/4																HC214-44		7.16
HCT215	75	32	21	111	70	41	121	26	151	167	232	70	48	140	92.1	37.3	HC215	T215	7.67
215-45	2-13/16	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	3.626	1.469	HC215-45		7.97
215-46	2-7/8																HC215-46		7.84
215-47	2-15/16																HC215-47		7.71
215-48	3																HC215-48		7.57
HCT216	80	32	21	111	70	41	121	26	165	184	235	70	51	140	95.2	37.3	HC216	T216	8.76
216-49	3-1/16	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	3.748	1.469	HC216-49		8.96
216-50	3-1/8																HC216-50		8.82
216-51	3-3/16																HC216-51		8.67
HCT217	85	38	29	124	73	48	157	30	173	198	260	73	54	162	73.8	23.4	HC217	T217	10.91
217-52	3-1/4	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	2.906	0.921	HC217-52		11.10
217-53	3-5/16																HC217-53		10.98
217-55	3-7/16																HC217-55		10.73
HCT218	90	40	30	130	80	48	140	30	190	215	275	80	55	170	72.6	24.5	HC218	T218	12.01
218-56	3-1/2	1-37/64	1-3/16	5-1/8	3-5/32	1-57/64	5-35/64	1-3/16	7-31/64	8-15/32	10-53/64	3-5/32	2-11/64	6-11/16	2.858	0.965	HC218-56		12.10

Take-up Units
(with adapter mounted)

UKT2 (Normal-duty)





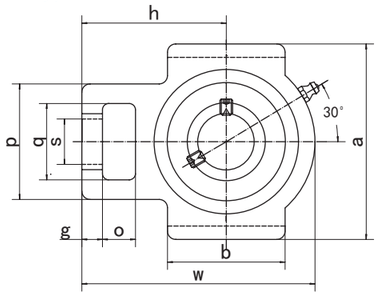


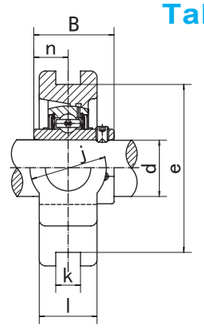
UKT-C1(D1)

Unit NO.	Dimensions (mm / in.)																Bearing No.	Housing No.	Weight (kg)
	d	o	g	p	q	s	b	k	e	a	w	j	l	h	t	B1			
UKT205;H2305	20	16	10	51	32	19	51	12	76	89	97	32	24	62	48	35	UK205;H2305	T205	0.86
205;HE2305	3/4	5/8	25/64	2-1/64	1-1/4	3/4	2-1/64	15/32	2-63/64	3-1/2	3-13/16	1-1/4	15/16	2-7/16	1-7/8	1.378	UK205;HE2305		
UKT206;H2306	25	16	10	56	37	22	57	12	89	102	113	37	28	70	53	38	UK206;H2306	T206	1.26
206;HS2306	7/8	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	1.496	UK206;HS2306		
206;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
207;HS2307	1-1/8	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	1.693	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
208;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		
208;HS2308	1-3/8																UK208;HS2308		
UKT209;H2309	40	19	16	83	49	29	83	16	102	117	144	49	35	87	69	50	UK209;H2309	T209	2.51
209;HA2309	1-7/16	3/4	5/8	3-17/64	1-15/16	1-9/64	3-17/64	5/8	4-1/64	4-39/64	5-43/64	1-15/16	1-3/8	3-27/64	2-23/32	1.969	UK209;HA2309		
209;HE2309	1-1/2																UK209;HE2309		
209;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
210;HS2310	1-5/8	3/4	5/8	3-17/64	1-15/16	1-9/64	3-25/64	5/8	4-1/64	4-39/64	5-55/64	1-15/16	1-15/32	3-35/64	2-15/16	2.165	UK210;HS2310		
210;HA2310	1-11/16																UK210;HA2310		
210;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
211;HS2311	1-7/8	63/64	3/4	4-1/64	2-1/32	1-3/8	3-3/4	55/64	5-1/8	5-3/4	6-47/64	2-33/64	1-1/2	4-11/64	3	2.323	UK211;HS2311		
211;HA2311	1-15/16																UK211;HA2311		
211;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
212;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
213;HA2313	2-3/16	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	1-23/32	5-25/64	3-1/2	2.559	UK213;HA2313		
213;HE2313	2-1/4																UK213;HE2313		
213;HS2313	2-3/8																UK213;HS2313		
UKT215;H2315	65	32	21	111	70	41	121	26	151	167	232	70	48	140	99	73	UK215;H2315	T215	7.52
215;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	3-57/64	2.874	UK215;HA2315		
215;HE2315	2-1/2																UK215;HE2315		
UKT216;H2316	70	32	21	111	70	41	121	26	165	184	235	70	51	140	109	78	UK216;H2316	T216	8.56
216;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	4-19/64	3.071	UK216;HA2316		
216;HE2316	2-3/4																UK216;HE2316		
UKT217;H2317	75	38	29	124	73	48	157	30	173	198	260	73	54	162	113.2	82	UK217;H2317	T217	11.38
217;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	4-29/64	3.288	UK217;HA2317		
217;HE2317	3																UK217;HE2317		

UCST2(Normal-duty)

Take-up Units

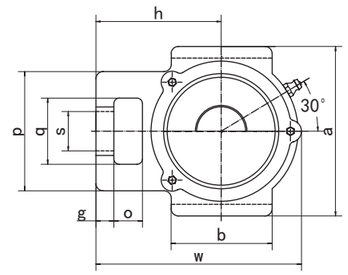


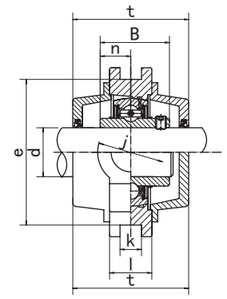


Unit NO.	Dimensions (mm / in.)																Bearing No.	Housing No.	Weight (kg)
	d	o	g	p	q	s	b	k	e	a	w	j	l	h	B	n			
UCST201	12	16	10	51	32	19	51	13.5	76	89	94	32	24	60	31	12.7	UC201	ST201	0.80
201-8	1/2	5/8	25/64	1-1/64	1-1/4	3/4	2-1/64	17/32	2-63/64	3-1/2	3-11/16	1-1/4	15/16	2-13/32	1.2205	0.500	UC201-8		0.80
UCST202	15	16	10	51	32	19	51	13.5	76	89	94	32	24	60	31	12.7	UC202	ST202	0.83
202-9	9/16	5/8	25/64	1-1/64	1-1/4	3/4	2-1/64	17/32	2-63/64	3-1/2	3-11/16	1-1/4	15/16	2-13/32	1.221	0.500	UC202-9		0.83
202-10	5/8																UC202-10		0.83
UCST203	17	16	10	51	32	19	51	13.5	76	89	94	32	24	60	31	12.7	UC203	ST203	0.82
203-11	11/16	5/8	25/64	1-1/64	1-1/4	3/4	2-1/64	17/32	2-63/64	3-1/2	3-11/16	1-1/4	15/16	2-13/32	1.2205	0.500	UC203-11		0.82
UCST204	20	16	10	51	32	19	51	13.5	76	89	94	32	24	60	31	12.7	UC204	ST204	0.80
204-12	3/4	5/8	25/64	1-1/64	1-1/4	3/4	2-1/64	17/32	2-63/64	3-1/2	3-11/16	1-1/4	15/16	2-13/32	1.2205	0.500	UC204-12		0.80
UCST205	25	16	10	51	32	22	51	13.5	76	89	97	32	24	62	34.1	14.3	UC205	ST205	0.79
205-13	13/16	5/8	25/64	1-1/64	1-1/4	55/64	2-1/64	17/32	2-63/64	3-1/2	3-13/16	1-1/4	15/16	2-7/16	1.3425	0.563	UC205-13		0.82
205-14	7/8																UC205-14		0.81
205-15	15/16																UC205-15		0.79
205-16	1																UC205-16		0.78
UCST206	30	16	10	56	37	22	57	13.5	89	102	113	37	24	70	38.1	15.9	UC206	ST206	1.08
206-17	1-1/16	5/8	25/64	2-7/32	1-15/32	55/64	2-1/4	17/32	3-1/2	4-1/64	4-29/64	1-29/64	15/16	2-3/4	1.5000	0.626	UC206-17		1.09
206-18	1-1/8																UC206-18		1.10
206-19	1-3/16																UC206-19		1.08
206-20	1-1/4																UC206-20		1.07
UCST207	35	16	13	64	37	22	64	13.5	89	102	129	37	30	78	42.9	17.5	UC207	ST207	1.55
207-20	1-1/4	5/8	33/64	2-33/64	1-27/64	55/64	2-33/64	17/32	3-1/2	4-1/64	5-5/64	1-29/64	1-3/16	3-5/64	1.6890	0.689	UC207-20		1.62
207-21	1-5/16																UC207-21		1.59
207-22	1/3/8																UC207-22		1.56
207-23	1-7/16																UC207-23		1.53
UCST208	40	19	16	83	49	29	83	17.5	102	114	144	49	33	89	49.2	19	UC208	ST208	2.29
208-24	1-1/2	3/4	5/8	3-17/64	1-15/16	1-9/64	3-17/64	11/16	4-1/64	4-31/64	5-43/64	1-15/16	1-19/64	3-1/2	1.9370	0.748	UC208-24		2.33
208-25	1-9/16																UC208-25		2.30
UCST209	45	19	16	83	49	29	83	17.5	102	117	144	49	35	87	49.2	19	UC209	ST209	2.32
209-26	1-5/8	3/4	5/8	3-17/64	1-15/16	1-9/64	3-17/64	11/16	4-1/64	4-39/64	5-43/64	1-15/16	1-3/8	3-27/64	1.9370	0.748	UC209-26		2.42
209-27	1-11/16																UC209-27		2.38
209-28	1-3/4																UC209-28		2.34
UCST210	50	19	16	83	49	29	83	17.5	102	117	149	49	35	90	51.6	19	UC210	ST210	2.36
210-29	1-13/16	3/4	5/8	3-17/64	1-15/16	1-9/64	3-17/64	11/16	4-1/64	4-39/64	5-55/64	1-15/16	1-3/8	3-35/64	2.0315	0.748	UC210-29		2.48
210-30	1-7/8																UC210-30		2.43
210-31	1-15/16																UC210-31		2.38
210-32	2																UC210-32		2.34
UCST211	55	25	19	102	64	35	95	27	130	146	171	64	41	106	55.6	22.2	UC211	ST211	3.89
211-32	2	63/64	3/4	4-1/64	2-1/32	1-3/8	3-3/4	1-1/16	5-1/8	5-3/4	6-47/64	2-33/64	1-5/8	4-11/64	2.1890	0.874	UC211-32		4.04
211-33	2-1/16																UC211-33		3.98
211-34	2-1/8																UC211-34		3.94
211-35	2-3/16																UC211-35		3.87
UCST212	60	32	19	102	64	35	102	27	130	146	194	64	46	119	65.1	25.4	UC212	ST212	4.82
212-36	2-1/4	1-17/64	3/4	4-1/64	2-1/32	1-3/8	4-1/64	1-1/16	5-1/8	5-3/4	7-41/64	2-33/64	1-13/16	4-11/16	2.5630	1.000	UC212-36		4.95
212-37	2-5/16																UC212-37		4.87
212-38	2-3/8																UC212-38		4.80
212-39	2-7/16																UC212-39		4.73
UCST213	65	32	21	111	70	41	121	27	151	167	224	70	51	137	65.1	25.4	UC213	ST213	7.36
213-40	2-1/2	1-17/64	53/64	4-3/8	2-3/4	1-39/64	4-49/64	1-1/16	5-15/16	6-37/64	8-13/16	2-3/4	2	5-25/64	2.5630	1.000	UC213-40		7.45
213-41	2-9/16																UC213-41		7.36

Take-up Units

UCCT2 (Normal-duty)

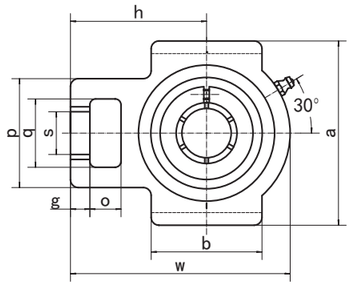


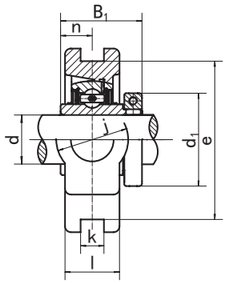


Unit NO.	Dimensions (mm / in.)																Bearing No.	Housing No.	Weight (kg)
	d	o	g	p	q	s	b	k	e	a	w	j	l	h	t	B	n			
UCCT204	20	16	10	51	32	19	51	12	76	89	94	32	21	61	62	31	12.7	UC204	CT204	0.68
204-12	3/4	5/8	25/64	1-1/64	1-1/4	3/4	2-1/64	15/32	2-63/64	3-1/2	3-11/16	1-1/4	53/64	2-13/32	2-7/16	1.2205	0.500	UC204-12		0.68
UCCT205	25	16	10	51	32	19	51	12	76	89	100	32	24	62	70	34.1	14.3	UC205	CT205	0.93
205-13	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	3-15/16	1-1/4	15/16	2-7/16	2-3/4	1.3425	0.563	UC205-13		0.97
205-14	7/8																	UC205-14		0.96
205-15	15/16																	UC205-15		0.94
205-16	1																	UC205-16		0.93
UCCT206	30	16	10	56	37	22	57	12	89	102	113	37	28	70	74	38.1	15.9	UC206	CT206	1.33
206-17	1-1/16	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	2-29/32	1.5000	0.626	UC206-17		1.34
206-18	1-1/8																	UC206-18		1.35
206-19	1-3/16																	UC206-19		1.33
206-20	1-1/4																	UC206-20		1.32
UCCT207	35	16	13	64	37	22	64	12	89	102	129	37	30	78	80	42.9	17.5	UC207	CT207	2.00
207-20	1-1/4	5/8	33/64	2-33/64	1-15/32	55/64	2-33/64	15/32	3-1/2	4-1/64	5-5/64	1-29/64	1-3/16	3-5/64	3-5/32	1.6890	0.689	UC207-20		2.06
207-21	1-5/16																	UC207-21		2.03
207-22	1/3/8																	UC207-22		2.00
207-23	1-7/16																	UC207-23		1.97
UCCT208	40	19	16	83	49	29	83	16	102	114	144	49	33	89	90	49.2	19	UC208	CT208	2.81
208-24	1-1/2	3/4	5/8	3-17/64	1-15/16	1-9/64	3-17/64	5/8	4-1/64	4-31/64	5-43/64	1-15/16	1-19/64	3-1/2	3-35/64	1.9370	0.748	UC208-24		2.85
208-25	1-9/16																	UC208-25		2.82
UCCT209	45	19	16	83	49	29	83	16	102	117	145	49	35	87	90	49.2	19	UC209	CT209	2.80
209-26	1-5/8	3/4	5/8	3-17/64	1-15/16	1-9/64	3-17/64	5/8	4-1/64	4-39/64	5-45/64	1-15/16	1-3/8	3-27/64	3-35/64	1.9370	0.748	UC209-26		2.90
209-27	1-11/16																	UC209-27		2.86
209-28	1-3/4																	UC209-28		2.82
UCCT210	50	19	16	83	49	29	86	16	102	117	151	49	37	90	98	51.6	19	UC210	CT210	3.06
210-29	1-13/16	3/4	5/8	3-17/64	1-15/16	1-9/64	3-25/64	5/8	4-1/64	4-39/64	5-5/16	1-15/16	1-27/64	3-35/64	3-55/64	2.0315	0.748	UC210-29		3.18
210-30	1-7/8																	UC210-30		3.13
210-31	1-15/16																	UC210-31		3.08
210-32	2																	UC210-32		3.04
UCCT211	55	25	19	102	64	35	95	22	130	146	174	64	38	106	100	55.6	22.2	UC211	CT211	4.17
211-32	2	63/64	3/4	4-1/64	2-1/32	1-3/8	3-3/4	55/64	5-1/8	5-3/4	6-27/32	2-33/64	1-1/2	4-11/64	3-15/16	2.1890	0.874	UC211-32		4.32
211-33	2-1/16																	UC211-33		4.26
211-34	2-1/8																	UC211-34		4.21
211-35	2-3/16																	UC211-35		4.15
UCCT212	60	32	19	102	64	35	102	22	130	146	194	64	42	119	114	65.1	25.4	UC212	CT212	5.87
212-36	2-1/4	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	4-31/64	2.5630	1	UC212-36		6.00
212-37	2-5/16																	UC212-37		5.92
212-38	2-3/8																	UC212-38		5.85
212-39	2-7/16																	UC212-39		5.78
UCCT213	65	32	21	111	70	41	121	26	151	167	224	70	44	137	118	65.1	25.4	UC213	CT213	8.18
213-40	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	1-47/64	5-25/64	4-41/64	2.5630	1	UC213-40		8.27
213-41	2-9/16																	UC213-41		8.18
UCCT214	70	32	21	111	70	41	121	26	151	167	224	70	46	137	134	74.6	30.2	UC214	CT214	8.30
214-42	2-5/8	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	8-13/16	2-3/4	1-13/16	5-25/64	5-9/32	2.9370	1.189	UC214-42		8.51
214-43	2-11/16																	UC214-43		8.41
214-44	2-3/4																	UC214-44		8.31
UCCT215	75	32	21	111	70	41	121	26	151	167	232	70	48	140	136	77.8	33.3	UC215	CT215	9.31
215-45	2-13/16	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	5-23/54	0.0630	1.311	UC215-45		9.56
215-46	2-7/8																	UC215-46		9.45
215-47	2-15/16																	UC215-47		9.34
215-48	3																	UC215-48		9.22
UCCT216	80	32	21	111	70	41	121	26	165	184	236	70	51	140	146	82.6	33.3	UC216	CT216	10.90
216-49	3-1/16	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	9-19/64	2-3/4	2-1/64	5-33/64	5-3/4	3.2520	1.311	UC216-49		11.08
216-50	3-1/8																	UC216-50		10.95
216-51	3-3/16																	UC216-51		10.82
UCCT217	85	38	29	124	73	48	157	30	173	198	263	73	54	162	150	85.7	34.1	UC217	CT217	13.26
217-52	3-1/4	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	10-23/64	2-7/8	2-1/8	6-3/8	5-29/32	3.3740	1.343	UC217-52		13.48
217-53	3-5/16																	UC217-53		13.34
217-55	3-7/16																	UC217-55		13.05

NCT2 (Normal-duty)

Take-up Units

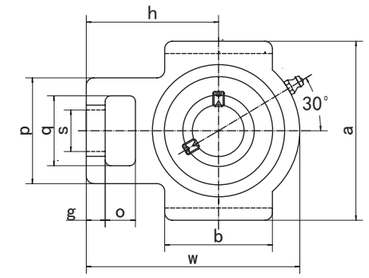


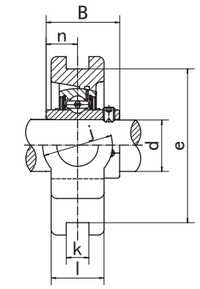


Unit NO.	Dimensions (mm / in.)																	Bearing No.	Housing No.	Weight (kg)
	d	d1	o	g	p	q	s	b	k	e	a	w	j	l	h	B1	n			
NCT204	20	44.5	16	10	51	32	19	51	12	76	89	94	32	21	61	33.4	12.7	NC204	T204	0.87
204-12	3/4	1-3/4	5/8	25/64	2-1/64	1-1/4	3/4	2-1/64	15/32	2-63/64	3-1/2	3-11/16	1-1/4	53/64	2-13/32	1.315	0.500	NC204-12		
NCT205	25	49.2	16	10	51	32	19	51	12	76	89	97	32	24	62	36.5	14.3	NC205	T205	1.00
205-14	7/8																	NC205-14		
205-15	15/16	1-15/16	5/8	25/64	2-1/64	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	1.437	0.563	NC205-15		
205-16	1																	NC205-16		
NCT206	30	55.6	16	10	56	37	22	57	12	89	102	113	37	28	70	39.7	15.9	NC206	T206	1.42
206-18	1-1/8																	NC206-18		
206-19	1-3/16	2-3/16	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	1-15/32	1-3/32	2-3/4	1.563	0.626	NC206-19		
206-20	1-1/4																	NC206-20		
NCT207	35	65.1	16	13	64	37	22	64	12	89	102	129	37	30	78	44.5	17.5	NC207	T207	1.92
207-20	1-1/4	2-7/16																NC207-20		
207-22	1-3/8	2-9/16	5/8	33/64	2-33/64	1-15/32	55/64	2-33/64	15/32	3-1/2	4-1/64	5-5/64	1-15/32	1-3/16	3-5/64	1.752	0.740	NC207-22		
207-23	1-7/16																	NC207-23		
NCT208	40	68.3	19	16	83	49	29	83	16	102	114	144	49	33	89	50.8	19.0	NC208	T208	2.72
208-24	1-1/2	2-11/16	3/4	5/8	3-17/64	1-15/16	1-9/32	3-17/64	5/8	4-1/64	4-31/64	5-43/64	1-15/16	1-19/64	3-1/2	2.000	0.748	NC208-24		
NCT209	45	74.6	19	16	83	49	29	83	16	102	117	144	49	35	87	50.8	19.0	NC209	T209	2.79
209-26	1-5/8	2-13/16																NC209-26		
209-27	1-11/16	2-15/16	3/4	5/8	3-17/64	1-15/16	1-9/32	3-17/64	5/8	4-1/64	4-39/64	5-43/64	1-15/16	1-3/8	3-27/64	2.000	0.748	NC209-27		
209-28	1-3/4																	NC209-28		
NCT210	50	85.7	19	16	83	49	29	86	16	102	117	149	49	37	90	53.1	19.0	NC210	T210	3.12
210-31	1-15/16	3-3/8	3/4	5/8	3-17/64	1-15/16	1-9/32	3-25/64	5/8	4-1/64	4-39/64	5-55/64	1-15/16	1-3/8	3-35/64	2.091	0.748	NC210-31		
210-32	2																	NC210-32		
NCT211	55	92.1	25	19	102	64	35	95	22	130	146	171	64	38	106	57.1	22.2	NC211	T211	4.25
211-32	2	3-1/2	63/64	3/4	4-1/64	2-1/32	1-3/8	3-3/4	55/64	5-1/8	5-3/4	6-47/64	2-33/64	1-1/2	4-11/64	2.248	0.874	NC211-32		
211-35	2-3/16	3-5/8																NC211-35		
NCT212	60	104.8	32	19	102	64	35	102	22	130	146	194	64	42	119	66.7	25.4	NC212	T212	5.39
212-36	2-1/4	4-1/16	1-17/64	3/4	4-1/64	2-1/32	1-3/8	4-1/64	55/64	5-1/8	5-3/4	7-41/64	2-33/64	1-21/32	4-11/16	2.626	1.000	NC212-36		
212-39	2-7/16	4-1/8																NC212-39		

Take-up Units

UCTX(Medium-duty)

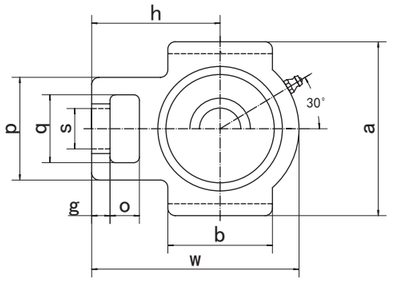


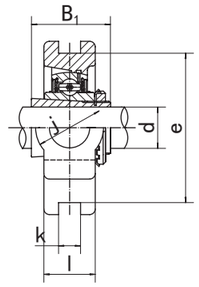


Unit NO.	Dimensions (mm / in.)																Bearing No.	Housing No.	Weight (kg)
	d	o	g	p	q	s	b	k	e	a	w	j	l	h	B	n			
UCTX05	25	16	12	56	37	22	57	12	89	102	113	28	37	70	38.1	15.9	UCX05	TX05	1.30
X05-13	13/16																UCX05-13		
X05-14	7/8	5/8	15/32	2-7/32	1-15/32	55/64	2-1/4	0.472	3-1/2	4-1/64	4-29/64	1-3/32	1-29/64	2-3/4	1.500	0.626	UCX05-14		
X05-15	15/16																UCX05-15		
X05-16	1																UCX05-16		
UCTX06	30	16	15	64	37	22	64	12	89	102	129	30	37	78	42.9	17.5	UCX06	TX06	1.60
X06-17	1-1/16																UCX06-17		
X06-18	1-1/8	5/8	19/32	2-33/64	1-29/64	55/64	2-33/64	0.472	3-1/2	4-1/64	5-5/64	1-3/16	1-29/64	3-5/64	1.689	0.689	UCX06-18		
X06-19	1-3/16																UCX06-19		
X06-20	1-1/4																UCX06-20		
UCTX07	35	19	17	83	49	29	83	16	102	114	144	36	49	88	49.2	19	UCX07	TX07	2.60
X07-21	1-5/16																UCX07-21		
X07-22	1-3/8	3/4	21/32	3-17/64	1-15/16	1-9/64	3-17/64	0.630	4-1/64	4-31/64	5-43/64	1-13/32	1-15/16	3-15/32	1.937	0.748	UCX07-22		
X07-23	1-7/16																UCX07-23		
UCTX08	40	19	17	83	49	29	83	16	102	117	144	36	49	87	49.2	19	UCX08	TX08	2.50
X08-24	1-1/2	3/4	21/32	3-17/64	1-15/16	1-9/64	3-17/64	0.630	4-1/64	4-39/64	5-43/64	1-13/32	1-15/16	3-27/64	1.937	0.748	UCX08-24		
X08-25	1-9/16																UCX08-25		
UCTX09	45	19	18	83	49	29	86	16	102	117	151	38	49	92	51.6	19	UCX09	TX09	2.70
X09-26	1-5/8																UCX09-26		
X09-27	1-11/16	3/4	23/32	3-17/64	1-15/16	1-9/64	3-25/64	0.630	4-1/64	4-39/64	5-15/16	1-1/2	1-15/16	3-5/8	2.0315	0.748	UCX09-27		
X09-28	1-3/4																UCX09-28		
X09-29	1-13/16																UCX09-29		
UCTX10	50	25	21	102	64	35	95	22	130	146	171	42	64	106	55.6	22.2	UCX10	TX10	4.20
X10-30	1-7/8																UCX10-30		
X10-31	1-15/16	63/64	13/16	4-1/64	2-1/32	1-3/8	3-3/4	0.866	5-1/8	5-3/4	6-47/64	1-21/32	2-33/64	4-11/64	2.189	0.874	UCX10-31		
X10-32	2																UCX10-32		
UCTX11	55	32	21	102	64	35	102	22	130	146	194	44	64	119	65.1	25.4	UCX11	TX11	4.90
X11-33	2-1/16																UCX11-33		
X11-34	2-1/8																UCX11-34		
X11-35	2-3/16	1-17/64	13/16	4-1/64	2-1/32	1-3/8	4-1/64	0.866	5-1/8	5-3/4	7-41/64	1-23/32	2-33/64	4-11/16	2.563	1.000	UCX11-35		
X11-36	2-1/4																UCX11-36		
X11-37	2-5/16																UCX11-37		
UCTX12	60	32	23	111	70	41	121	26	151	167	224	48	70	137	65.1	25.4	UCX12	TX12	7.30
X12-38	2-3/8	1-17/64	29/32	4-3/8	2-3/4	1-39/64	4-49/64	1.024	5-15/16	6-37/64	8-13/16	1-57/64	2-3/4	5-25/64	2.563	1.000	UCX12-38		
X12-39	2-7/16																UCX12-39		
UCTX13	65	32	23	111	70	41	121	26	151	167	224	48	70	137	74.6	30.2	UCX13	TX13	7.10
X13-40	2-1/2	1-17/64	29/32	4-3/8	2-3/4	1-39/64	4-49/64	1.024	5-15/16	6-37/64	8-13/16	1-57/64	2-3/4	5-25/64	2.937	1.189	UCX13-40		
X13-41	2-9/16																UCX13-41		
UCTX14	70	32	23	111	70	41	121	26	151	167	232	48	70	140	77.8	33.3	UCX14	TX14	7.30
X14-42	2-5/8																UCX14-42		
X14-43	2-11/16	1-17/64	29/32	4-3/8	2-3/4	1-39/64	4-49/64	1.024	5-15/16	6-37/64	9-9/64	1-57/64	2-3/4	5-33/64	3.063	1.311	UCX14-43		
X14-44	2-3/4																UCX14-44		
UCTX15	75	32	23	111	70	41	121	28	165	184	235	48	70	140	82.6	33.3	UCX15	TX15	8.00
X15-45	2-13/16																UCX15-45		
X15-46	2-7/8	1-17/64	29/32	4-3/8	2-3/4	1-39/64	4-49/64	1.102	6-1/2	7-1/4	9-1/4	1-57/64	2-3/4	5-33/64	3.252	1.311	UCX15-46		
X15-47	2-15/16																UCX15-47		
X15-48	3																UCX15-48		
UCTX16	80	38	30	124	73	48	157	28	173	198	260	54	73	162	85.7	34.1	UCX16	TX16	11.40
X16-49	3-1/16																UCX16-49		
X16-50	3-1/8	1-1/2	1-3/16	4-7/8	2-7/8	1-57/64	6-3/16	1.102	6-13/16	7-51/64	10-15/64	2-1/8	2-7/8	6-3/8	3.374	1.343	UCX16-50		
X16-51	3-3/16																UCX16-51		
X16-52	3-1/4																UCX16-52		
UCTX17	85	38	30	124	73	48	157	28	173	198	260	54	73	162	96	39.7	UCX17	TX17	11.30
X17-53	3-5/16	1-1/2	1-3/16	4-7/8	2-7/8	1-57/64	6-3/16	1.102	6-13/16	7-51/64	10-15/64	2-1/8	2-7/8	6-3/8	3.780	1.563	UCX17-53		
X17-55	3-7/16																UCX17-55		

UKTX (Medium-duty)

Take-up Units

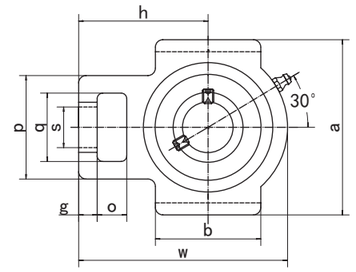


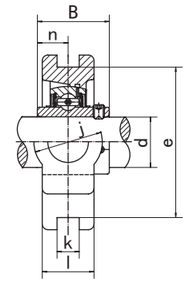


Unit NO.	Dimensions (mm / in.)															Bearing No.	Housing No.	Weight (kg)
	d	o	g	p	q	s	b	k	e	a	w	l	j	h	B1			
UKTX05;H2305	20	16	12	56	37	22	57	12	89	102	113	28	37	70	35	UKX05;H2305	TX05	1.30
X05;HE2305	3/4	5/8	15/32	2-7/32	1-15/32	55/64	2-1/4	0.472	3-1/2	4-1/64	4-29/64	1-3/32	1-29/64	2-3/4	1.378	UKX05;HE2305		
UKTX06;H2306	25	16	15	64	37	22	64	12	89	102	129	30	37	78	38	UKX06;H2306	TX06	1.70
X06;HS2306	7/8	5/8	19/32	2-33/64	1-29/64	55/64	2-33/64	0.472	3-1/2	4-1/64	5-5/64	1-3/16	1-29/64	3-5/64	1.496	UKX06;HS2306		
X06;HE2306	1															UKX06;HE2306		
UKTX07;H2307	30	19	17	83	49	29	83	16	102	114	144	36	49	88	43	UKX07;H2307	TX07	2.60
X07;HS2307	1-1/8	3/4	21/32	3-17/64	1-15/16	1-9/64	3-17/64	0.63	4-1/64	4-31/64	5-43/64	1-13/32	1-15/16	3-27/64	1.811	UKX07;HS2307		
UKTX08;H2308	35	19	17	83	49	29	83	16	102	117	144	36	49	87	46	UKX08;H2308	TX08	2.50
X08;HE2308	1-1/4	3/4	21/32	3-17/64	1-15/16	1-9/64	3-17/64	0.63	4-1/64	4-39/64	5-43/64	1-13/32	1-15/16	3-27/64	1.811	UKX08;HE2308		
X08;HS2308	1-3/8															UKX08;HS2308		
UKTX09;H2309	40	19	18	83	49	29	86	16	102	117	151	38	49	92	50	UKX09;H2309	TX09	2.70
X09;HA2309	1-7/16															UKX09;HA2309		
X09;HE2309	1-1/2	3/4	23/32	3-17/64	1-15/16	1-9/64	3-25/64	0.63	4-1/64	4-39/64	5-15/16	1-1/2	1-15/16	3-5/8	1.969	UKX09;HE2309		
X09;HS2309	1-5/8															UKX09;HS2309		
UKTX10;H2310	45	25	21	102	64	35	95	22	130	146	171	42	64	106	55	UKX10;H2310	TX10	4.30
X10;HS2310	1-5/8															UKX10;HS2310		
X10;HA2310	1-11/16	63/64	13/16	4-1/64	2-1/32	1-3/8	3-3/4	0.866	5-1/8	5-3/4	6-47/64	1-21/32	2-33/64	4-11/64	2.165	UKX10;HA2310		
X10;HE2310	1-3/4															UKX10;HE2310		
UKTX11;H2311	50	32	21	102	64	35	102	22	130	146	194	44	64	119	59	UKX11;H2311	TX11	5.00
X11;HS2311	1-7/8															UKX11;HS2311		
X11;HA2311	1-15/16	1-17/64	13/16	4-1/64	2-1/32	1-3/8	4-1/64	0.866	5-1/8	5-3/4	7-41/64	1-23/32	2-33/64	4-11/16	2.323	UKX11;HA2311		
X11;HE2311	2															UKX11;HE2311		
UKTX12;H2312	55	32	23	111	70	41	121	26	151	167	224	48	70	137	62	UKX12;H2312	TX12	7.10
X12;HS2312	2-1/8	1-17/64	29/32	4-3/8	2-3/4	1-39/64	4-49/64	1.024	5-15/16	6-37/64	8-13/16	1-7/8	2-3/4	5-25/64	2.441	UKX12;HS2312		
UKTX13;H2313	60	32	23	111	70	41	121	26	151	167	224	48	70	137	65	UKX13;H2313	TX13	7.10
X13;HA2313	2-3/16															UKX13;HA2313		
X13;HE2313	2-1/4	1-17/64	29/32	4-3/8	2-3/4	1-39/64	4-49/64	1.024	5-15/16	6-37/64	8-13/16	1-7/8	2-3/4	5-25/64	2.559	UKX13;HE2313		
X13;HS2313	2-3/8															UKX13;HS2313		
UKTX15;H2315	65	32	23	111	70	41	121	28	165	184	235	48	70	140	73	UKX15;H2315	TX15	8.00
X15;HA2315	2-7/16	1-17/64	29/32	4-3/8	2-3/4	1-39/64	4-49/64	1.102	6-1/2	7-1/4	9-1/4	1-57/64	2-3/4	5-33/64	2.874	UKX15;HA2315		
X15;HE2315	2-1/2															UKX15;HE2315		
UKTX16;H2316	70	38	30	124	73	48	157	28	173	198	260	54	73	162	78	UKX16;H2316	TX16	11.30
X16;HA2316	2-11/16	1-1/2	1-3/16	4-7/8	2-7/8	1-57/64	6-3/16	1.102	6-13/16	7-51/64	10-15/64	2-1/8	2-7/8	6-3/8	3.071	UKX16;HA2316		
X16;HE2316	2-3/4															UKX16;HE2316		
UKTX17;H2317	75	38	30	124	73	48	157	28	173	198	260	54	73	162	82	UKX17;H2317	TX17	11.30
X17;HA2317	2-15/16	1-1/2	1-3/16	4-7/8	2-7/8	1-57/64	6-3/16	1.102	6-13/16	7-51/64	10-15/64	2-1/8	2-7/8	6-3/8	3.228	UKX17;HA2317		
X17;HS2317	3															UKX17;HS2317		

Take-up Units

UCT3 (Heavy-duty)





Unit NO.	Dimensions (mm / in.)																Bearing No.	Housing No.	Weight (kg)
	d	o	g	p	q	s	b	k	e	a	w	j	l	h	B	n			
UCT305	25	16	14	62	36	26	65	12	80	89	122	36	26	76	38	15	UC305	T305	1.20
305-13	13/16	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	UC305-13		
305-14	7/8																UC305-14		
305-15	15/16																UC305-15		
305-16	1																UC305-16		
UCT306	30	18	16	70	41	28	74	16	90	100	137	41	28	85	43	17	UC306	T306	1.70
306-17	1-1/16	23/32	5/8	2-3/4	1-5/8	1-3/32	2-29/32	0.630	3-35/64	3-15/16	5-13/32	1-5/8	1-3/32	3-11/32	1.6929	0.669	UC306-17		
306-18	1-1/8																UC306-18		
306-19	1-3/16																UC306-19		
UCT307	35	20	17	75	45	30	80	16	100	111	150	45	32	94	48	19	UC307	T307	2.30
307-20	1-1/4	12/32	43/64	2-15/16	1-25/32	1-3/16	3-5/32	0.630	3-15/16	4-3/8	5-29/32	1-25/32	1-1/4	3-11/16	1.8898	0.748	UC307-20		
307-21	1-5/16																UC307-21		
307-22	1-3/8																UC307-22		
307-23	1-7/16																UC307-23		
UCT308	40	22	19	83	50	32	89	18	112	124	162	50	34	100	52	19	UC308	T308	2.90
308-24	1-1/2	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	1-31/32	1-11/32	3-15/16	2.0472	0.7480	UC308-24		
308-25	1-9/16																UC308-25		
UCT309	45	24	20	90	55	34	97	18	125	138	178	55	38	110	57	22	UC309	T309	4.00
309-26	1-5/8	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	4-11/32	2.2441	0.8660	UC309-26		
309-27	1-11/16																UC309-27		
309-28	1-3/4																UC309-28		
UCT310	50	27	22	98	61	37	106	20	140	151	192	61	40	118	61	22	UC310	T310	5.00
310-29	1-13/16	1-1/16	7/8	3-27/32	2-13/32	1-15/32	4-3/16	0.787	5-33/64	5-15/16	7-9/16	2-13/32	1-9/16	4-21/32	2.4016	0.8660	UC310-29		
310-30	1-7/8																UC310-30		
310-31	1-15/16																UC310-31		
UCT311	55	29	23	105	66	39	115	22	150	163	207	66	44	127	66	25	UC311	T311	6.20
311-32	2	1-5/32	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	0.9840	UC311-32		
311-33	2-1/16																UC311-33		
311-34	2-1/8																UC311-34		
311-35	2-3/16																UC311-35		
UCT312	60	31	25	113	71	41	123	22	160	178	220	71	46	135	71	26	UC313	T312	7.50
312-36	2-1/4	1-7/32	31/32	4-7/16	2-25/32	1-5/8	4-27/32	0.866	6-19/64	7	8-21/32	2-25/32	1-13/16	5-5/16	2.7953	1.0240	UC313-36		
312-37	2-5/16																UC313-37		
312-38	2-3/8																UC313-38		
312-39	2-7/16																UC313-39		
UCT313	65	32	27	116	70	43	134	26	170	190	238	80	50	146	75	30	UC313	T313	9.30
313-40	2-1/2	1-17/64	1-1/16	4-9/16	2-3/4	1-11/16	5-9/32	1.024	6-11/16	7-15/32	9-3/8	3-5/32	1-31/32	5-3/4	2.9528	1.1810	UC313-40		
313-41	2-9/16																UC313-41		
UCT314	70	36	27	130	85	46	140	26	180	202	252	90	52	155	78	33	UC314	T314	10.90
314-42	2-5/8	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	3.0708	1.2990	UC314-42		
314-43	2-11/16																UC314-43		
314-44	2-3/4																UC314-44		
UCT315	75	36	27	132	85	46	150	26	192	216	262	90	55	160	82	32	UC315	T315	12.70
315-45	2-13/16	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	3-17/32	2-5/32	6-5/16	3.2283	1.2600	UC315-45		
315-46	2-7/8																UC315-46		
315-47	2-15/16																UC315-47		
315-48	3																UC315-48		
UCT316	80	42	30	150	98	53	160	30	204	230	282	102	60	174	86	34	UC316	T316	15.80
316-49	3-1/16	1-21/32	1-3/16	5-29/32	3-27/32	2-3/32	6-5/6	1.181	8-1/32	9-1/16	11-3/32	4-1/32	2-3/8	6-27/32	3.3858	1.2600	UC316-49		
316-50	3-1/8																UC316-50		
316-51	3-3/16																UC316-51		
UCT317	85	42	32	152	98	53	170	32	214	240	298	102	64	183	96	40	UC317	T317	18.60
317-52	3-1/4	1-21/32	1-1/4	5-31/32	3-27/32	2-3/32	6-11/16	1.260	8-27/64	9-7/16	11-23/32	4-1/32	2-17/32	7-7/32	3.7795	1.5750	UC317-52		
317-53	3-5/16																UC317-53		
317-55	3-7/16																UC317-55		
UCT318	90	46	32	160	106	57	175	32	228	255	312	110	66	192	96	40	UC318	T318	21.00
318-55	3-7/16	1-13/16	1-1/4	6-5/16	4-3/16	2-1/4	6-7/8	1.260	8-31/32	10-1/32	12-9/32	4-11/32	2-19/32	7-9/16	3.7795	1.5750	UC318-55		
318-56	3-1/2																UC318-56		
UCT319	95	46	33	165	106	57	180	35	240	270	322	110	72	197	103	41	UC319	T319	24.60
319-58	3-5/8	1-13/16	1-5/16	6-1/2	4-3/16	2-1/4	7-3/32	1.378	9-29/64	10-5/8	12-11/16	4-11/32	2-27/32	7-3/4	4.0551	1.6140	UC319-58		
319-59	3-11/16																UC319-59		
317-60	3-3/4																UC317-60		
UCT320	100	48	32	175	115	59	200	35	260	290	345	120	75	210	108	42	UC320	T320	29.90
320-64	4	1-7/8	1-1/4	6-7/8	4-17/32	2-21/64	7-7/8	1.378	10-15/64	11-13/32	13-19/32	4-23/32	2-15/16	8-9/32	4.2519	1.6535	UC320-64		
UCT322	110	52	38	185	125	65	215	38	285	320	385	130	80	235	117	46	UC322	T322	39.40
		2-1/16	1-1/2	7-9/32	4-29/32	2-9/16	8-15/32	1.496	11-7/32	12-19/32	15-5/32	5-1/8	3-5/32	9-1/4	4.6063	1.8110			
UCT324	120	60	42	210	140	70	230	45	320	355	432	140	90	267	126	51	UC324	T324	54.20
		2-3/8	1-21/32	8-9/32	5-1/2	2-3/4	9-1/16	1.772	12-19/32	13-31/32	17	5-1/2	3-17/32	10-1/2	4.9606	2.0079			
UCT326	130	65	45	220	150	75	240	50	350	385	465	150	100	285	135	54	UC326	T326	68.40
		2-9/16	1-25/32	8-21/32	5-29/32	2-31/32	9-7/16	1.969	13-25/32	15-5/32	18-5/16	5-29/32	3-15/16	11-7/32	5.3150	2.1260			
UCT328	140	70	50	230	160	80	255	50	380	415	515	155	100	315	145	59	UC328	T328	82.90
		2-3/4	1-31/32	9-1/16	6-5/16	3-5/32	10-1/32	1.969	14-61/64	16-11/32	20-9/32	6-3/32	3-15/16	12-13/32	5.7086	2.3228			