

Ball Bearing Units





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TECHNICAL DATA INDEX

1. Construction	Page
2. Design Features and Advantages	A3
2.1 Maintenance free type	A4
2.2 Relubricatable type	A4
2.3 Special sealing feature	A4
2.4 Secure fitting	A5
2.5 Self-aligning	A5
2.6 Higher rated load capacity	A5
2.7 Light weight yet strong housing	A5
2.8 Easy mounting	A5
2.9 Accurate fitting of the housing	A5
2.10 Bearing replaceability	A5
3. Tolerance	A6
3.1 Tolerances of ball bearings for the unit	A6
3.2 Tolerances of housings	A9
4. Basic Load Rating and Life	A13
4.1 Bearing life	A13
4.2 Basic rated life and basic dynamic load rating	A13
4.3 Basic static load rating	A15
4.4 Allowable static equivalent load	A15
5. Bearing Internal Clearance	A16
5.1 Bearing internal clearance	A16
5.2 Internal clearance selection	A16
5.3 Bearing internal clearance selection standards	A17
6. Lubrication	A19
6.1 Maximum permissible speed of rotation	A19
6.2 Replenishment of grease	A19
6.3 Grease fitting	A21
6.4 Standard location of the grease fitting	A22
7. Recommended Torques for Tightening Set Screws	A23

1. Construction

The NSK bearing unit is a combination of a radial ball bearing, seal, and a housing of high-grade cast iron or pressed steel, which comes in various shapes.

The outer surface of the bearing and the internal surface of the housing are spherical, so that the unit is self-aligning.

The inside construction of the ball bearing for the unit is such that steel balls and retainers of the same type as in series 62 and 63 of the deep groove ball bearing are used. A duplex seal consisting of a combination of an oil-proof synthetic rubber seal and a slinger is

provided on both sides.

Depending on the type, the following methods of fitting to the shaft are employed:

- (1) The inner ring is fastened onto the shaft in two places by set screws.
- (2) The inner ring has a tapered bore and is fitted to the shaft by means of an adapter.
- (3) In the eccentric locking collar system the inner ring is fastened to the shaft by means of eccentric grooves provided at the side of the inner ring and on the collar.

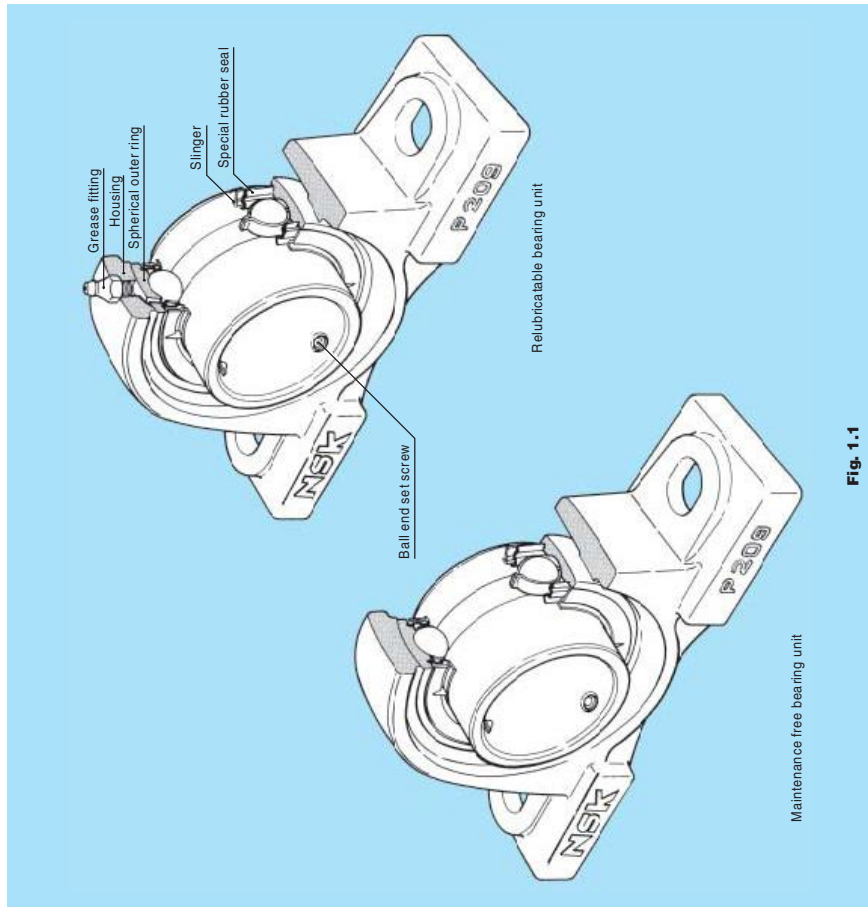


Fig. 1.1

2. Design Features and Advantages

2.1 Maintenance free type

The NSK Maintenance free bearing unit contains a high-grade lithium-based grease, good for use over a long period, which is ideally suited to sealed-type bearings. Also provided is an excellent sealing device, which prevents any leakage of grease or penetration of dust and water from outside.

It is designed so that the rotation of the shaft causes the sealed-in grease to circulate through the inside space, effectively providing maximum lubrication. The lubrication effect is maintained over a long period with no need for replenishment of grease.

To summarize the advantages of the NSK maintenance free bearing unit:

- (1) As an adequate amount of good quality grease is sealed in at the time of manufacture, there is no need for replenishment. This means savings in terms of time and maintenance costs.
- (2) Since there is no need for any regreasing facilities, such as piping, a more compact design is possible.
- (3) The sealed-in design eliminates the possibility of grease leakage, which could lead to stained products.

2.2 Relubricatable type

The NSK relubricatable type bearing unit has an advantage over other similar units being so designed as to permit regreasing even in the case of misalignment of 2° to the right or left. The hole through which the grease fitting is mounted usually causes structural weakening of the housing.

However, as a result of extensive testing, in the NSK bearing unit the hole is positioned so as to minimize this adverse effect. In addition, the regreasing groove has been designed to minimize weakening of the housing. While the NSK maintenance free type bearing unit is satisfactory for use under normal operating conditions in-doors, in the following circumstances it is necessary to use the relubricatable type bearing unit:

- (1) Cases where the temperature of the bearing rises above 100°C, 212°F:
 - *-Normal temperature of up to 130°C, 266°F heat-resistant bearing units.
- (2) Cases where there is excessive dust, but space does not permit using a bearing unit with a cover.
- (3) Cases where the bearing unit is constantly exposed to splashes of water or any other liquid, but space does not permit using a bearing unit with a cover.
- (4) Cases in which the humidity is very high, and the machine in which the bearing unit is used is run

2.3.2 Bearing units with covers

The NSK bearing unit with a cover consists of a standard bearing unit and an outside covering for extra protection against dust. Special consideration has been given to its design with respect to dust-proofing.

Sealing devices are provided in both the bearing and the housing, so that units of this type operate satisfactorily even in such adverse environments as flour mills, steel mills, foundries, galvanizing plants and chemical plants, where excessive dust is produced and/or liquids are used. They are also eminently suitable for outdoor environments where dust and rain are inevitable, and in heavy industrial machinery such as construction and transportation equipment.

The rubber seal of the cover contacts with the shaft by its two lips, as shown in Fig. 2.2 and 2.3 By filling the groove between the two lips with grease, an excellent sealing effect is obtained and, at the same time, the contacting portions of the lips are lubricated. Furthermore, the groove is so designed that when the shaft is inclined the rubber seal can move in the radial direction.

When bearing units are exposed to splashes of water rather than to dust, a drain hole (5 to 8 mm, 0.2 to 0.3 inches in diameter) is provided at the bottom of the cover, and grease should be applied to the side of the bearing itself instead of into the cover.

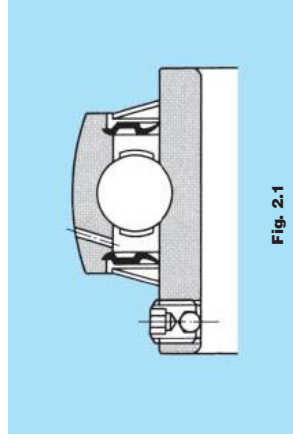


Fig. 2.1

2.4 Secure fitting

Fastening the bearing to the shaft is effected by tightening the ball-end set screw, situated on the inner ring. This is a unique feature which prevents loosening, even if the bearing is subjected to intense vibrations and shocks.

2.5 Self-aligning

With the NSK bearing unit, the outer surface of the ball bearing and the inner surface of the housing are spherical, thus this bearing unit has self-aligning characteristic. Any misalignment of axis that may arise from poor workmanship on the shaft or errors in fitting will be properly adjusted.

2.6 Higher rated load capacity

The bearing used in the unit is of the same internal construction as those in bearing series 62 and 63, and is capable of accommodating axial load as well as radial load, or composite load. The rated load capacity of this bearing is considerably higher than that of the corresponding self-aligning ball bearings used for standard plummer blocks.

2.7 Light weight yet strong housing

Housings for NSK bearing units come in various shapes. They consist of either high-grade cast iron, one-piece casting, or of precision finished pressed steel, the latter being lighter in weight. In either case, they are practically designed to combine lightness with maximum strength.

2.8 Easy mounting

The NSK bearing unit is an integrated unit consisting of a bearing and a housing.

As the bearing is prelubricated at manufacture with the correct amount of high-grade lithium base, it can be mounted on the shaft just as it is. It is sufficient to carry out a short test run after mounting.

2.9 Accurate fitting of the housing

In order to simplify the fitting of the pillow block and flange type bearing units, the housings are provided with a seat for a dowel pin, which may be utilized as needed.

2.10 Bearing replaceability

The bearing used in the NSK bearing unit is replaceable. In the event of bearing failure, a new bearing can be fitted to the existing housing.

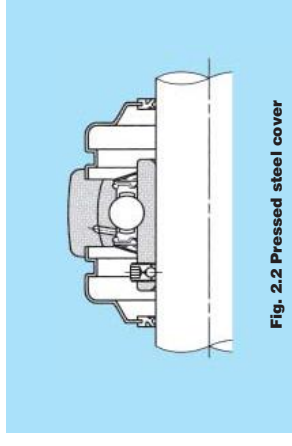


Fig. 2.2 Pressed steel cover

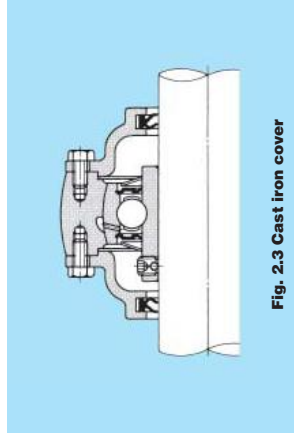


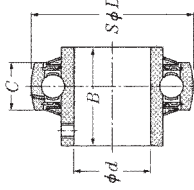
Fig. 2.3 Cast iron cover

3. Tolerance

The tolerances of the NSK bearing units are in accordance with the following JIS specifications:

3.1 Tolerances of ball bearings for the unit

The tolerances of ball bearings used in the unit are shown in the following tables, 3.1 to 3.4.



Set screw type

Table 3.1 (1) Cylindrical bore (UC, UCS, AS, ASS, UEL, UELS, AEL, AELS) Unit: $\mu\text{m}/0.0001$ inch

Nominal bore diameter d			Cylindrical bore				Radial runout K_{α} (reference)	
over		incl.	Bore diameter		Width	$\Delta I_{Bs, \Delta Cs}$ Deviations(reference)		
mm	inch	mm	inch	ΔI_{amp} Deviations	V_{ip} Variations		high	low
10	0.3937	18	0.7087	high +15 low +6	10	0	-120	15
18	0.7087	31.75	1.2500	high +18 low +7	12	0	-120	18
31.75	1.2500	50.8	2.0000	high +21 low +8	14	0	-120	20
50.8	2.0000	80	3.1496	high +24 low +9	16	0	-150	25
80	3.1496	120	4.7244	high +28 low +11	19	0	-200	30
120	4.7244	180	7.0866	high +33 low +13	22	0	-250	35

Remarks Symbols

ΔI_{amp} : Mean bore diameter deviation V_{ip} : Bore diameter variation ΔB : Inner ring width deviation ΔC : Outer ring width deviation

Table 3.1 (2) Cylindrical bore (AR, JEL, JELS, REL) Unit: $\mu\text{m}/0.0001$ inch

Nominal bore diameter d			Cylindrical bore diameter			
over		incl.	ΔI_{amp} Deviations		V_{ip} Variations	max.
mm	inch	mm	high	low	max.	
10	0.3937	18	0.7087	high +13 low +5	6	2
18	0.7087	31.75	1.2500	high +13 low +5	6	2
31.75	1.2500	50.8	2.0000	high +13 low +5	6	2
50.8	2.0000	80	3.1496	high +15 low +6	8	3

Table 3.1 (3) Cylindrical bore (CS)

Unit: $\mu\text{m}/0.0001$ inch

Nominal bore diameter d			Cylindrical bore				Radial runout K_{α} (reference)	
over		incl.	Bore diameter		Width	$\Delta I_{Bs, \Delta Cs}$ Deviations(reference)		
mm	inch	mm	inch	ΔI_{amp} Deviations	V_{ip} Variations		high	low
10	0.3937	18	0.7087	high 0 low -3	10	0	-120	15
18	0.7087	31.75	1.2500	high 0 low -4	12	0	-120	18
31.75	1.2500	50.8	2.0000	high 0 low -5	14	0	-120	20

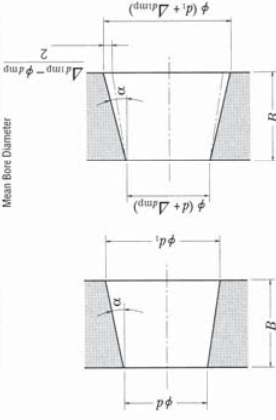
Table 3.2 Tapered bore (UK, UKS) Unit: $\mu\text{m}/0.0001$ inch

Nominal bore diameter d			ΔI_{amp} Deviations				$V_{ip}^{(1)}$	
over		incl.	high		low		min.	max.
mm	inch	mm	inch	mm	inch	mm	inch	
18	0.7087	30	1.1811	+21 +8	0 +8	0 +8	0	13
30	1.1811	50	1.9685	+25 +10	0 +10	0 +10	0	15
50	1.9685	80	3.1496	+30 +12	0 +12	0 +12	0	19
80	3.1496	120	4.7244	+35 +14	0 +14	0 +14	0	25
120	4.7244	180	7.0866	+40 +16	0 +16	0 +16	0	31

Note (1) To be applied for all radial flat surfaces of tapered hole.

Remarks 1. To be applied for tapered holes of 1/12.
2. Symbols of quantity or values

Nominal Tapered Bore
Tapered Bore with Deviation in Single Plane
Mean Bore Diameter



d : Nominal Bore Diameter
 d_1 : Theoretical Diameter of Larger End of Tapered Bore
 $d_2 = d + 1/12 B$

ΔI_{amp} : Single Plane Mean Bore Diameter Deviation in Theoretical Diameter of Smaller End of Bore

ΔI_{amp} : Single Plane Mean Bore Diameter Deviation in Theoretical Diameter of Larger End of Bore

V_{ip} : Bore diameter variation in a single radial plane

B : Nominal Inner Ring Width

α : Half of Taper Angle of Tapered Bore

$$\alpha = 2^{\circ}23'9.4''$$

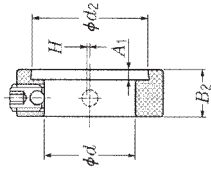
$$= 2.38594^{\circ}$$

$$= 0.041643 \text{ rad}$$

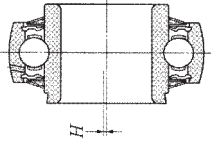
Table 3.3 Outer ring Unit: $\mu\text{m}/0.0001$ inch

Nominal outside diameter D		Mean outside diameter deviation Δ_{Dm}		Radial diameter runout (reference) Δ_{Dro}	
over	incl.	high	low	high	max.
18	0.7087	0	-9	15	6
30	1.1811	0	-11	20	8
50	1.9685	0	-13	25	10
80	3.1496	0	-15	35	14
120	4.7244	0	-18	40	16
150	5.9055	0	-25	45	18
180	7.0866	0	-30	50	20
250	9.8425	0	-35	60	24

Remarks The low deviation of outside diameter D_m does not apply within the distance of 1/4 the width of the outer ring from the side.



Eccentric locking collar



Eccentric locking collar type

Table 3.4 Eccentric locking collar

Nominal bore diameter d		Bore diameter deviation Δ_{db}		Small bore diameter or eccentric surface deviation Δ_{d2s}		Eccentricity deviation Δ_{db}		Collar width deviation Δ_{d2s}		Collar eccentric surface width deviation Δ_{d1s}	
over	incl.	high	low	high	low	high	low	high	low	high	low
10	0.3937	+0.250	+0.025	+0.3	0	+0.1	-0.1	+0.270	-0.270	0	-0.180
36.512	1.4375	+0.010	+0.001	+0.012	0	+0.004	-0.004	+0.011	-0.011	0	-0.007
55.562	2.1875	+0.300	+0.025	+0.4	0	+0.1	-0.1	+0.330	-0.330	0	-0.180
55.562	2.1875	+0.012	+0.001	+0.016	0	+0.004	-0.004	+0.013	-0.013	0	-0.007
61.912	2.4375	+0.300	+0.025	+0.4	0	+0.1	-0.1	+0.330	-0.330	0	-0.220
		+0.012	+0.001	+0.016	0	+0.004	-0.004	+0.013	-0.013	0	-0.009

3.2 Tolerances of housings

Table 3.5 Spherical bore diameter of housings Unit: $\mu\text{m}/0.0001$ inch

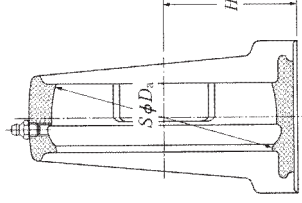
Nominal spherical bore diameter D_s		Tolerance class H7				Tolerance class K7			
over	incl.	high	low	high	low	high	low	high	low
30	1.1811	+25	0	+14	-11	+7	-18	+3	-7
50	1.9685	+30	0	+18	-12	+9	-21	+4	-8
80	3.1496	+35	0	+22	-13	+10	-25	+4	-10
120	4.7244	+40	0	+26	-14	+12	-28	+5	-11
180	7.0866	+46	0	+30	-16	+13	-33	+5	-13
250	9.8425	+52	0	+36	-16	+16	-36	+6	-14

Remarks 1. Symbols Δ_{Dm} : Mean spherical bore diameter deviation
 2. Dimensional tolerances for spherical bore diameter of housing are classified as H7 for clearance fit, and J7 for intermediate fit.
 3. Spherical bore diameter of housings are finished by following tolerance classes such as S2mm or less: K7, over 52mm and 180mm or less: J7, and over 180mm: H7 respectively.

Table 3.6 Pillow block housings (P, PL, HP, UP) Unit: mm/inch

Housing numbers	H	Δ_{Hh}
P203	—	—
P204	—	—
P205	HP204	PL204
P206	HP205	PL205
P207	HP206	PL206
P208	HP207	PL207
P209	HP208	—
P210	HP209	PL209
P211	HP210	PL210
P212	HP211	—
P213	HP212	—
P214	HP213	—
P215	HP214	—
P216	HP215	—
P217	HP216	—
P218	HP217	—
P219	HP218	—
P220	HP219	—
P221	HP220	—
P222	HP221	—
P223	HP222	—
P224	HP223	—
P225	HP224	—
P226	HP225	—
P227	HP226	—
P228	HP227	—

Remarks 1. H is height of the shaft center line.
 2. This table can be applied for bearing units with dust covers.



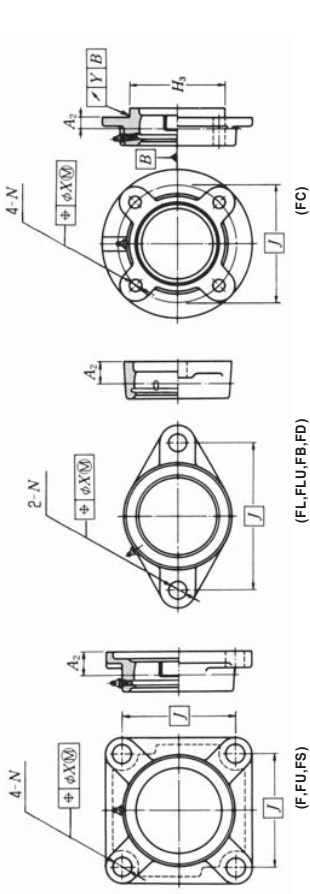


Table 3.7 (1) Flange unit housings (F, FU, FC, FS, FL, FLU, FB, FD)

Housing numbers	location tolerance of bolt hole X	A ₂ Deviations ΔA _{2s}	H ₃ Deviations ΔH _{3s}				FCX		Radial runout of spigot joint Y
			FC2		FS3		high	low	
			high	low	high	low	high	low	
F204	—	—	—	—	—	—	—	—	
F205	F305	F205	F305	FL305	FD205	—	—	—	
F206	F306	F206	F306	FL306	FD206	0	-0.046	0	
F207	F307	F207	F307	FL307	FD207	0	-0.0018	0	
F208	F308	F208	F308	FL308	—	0	-0.054	0	
F209	F309	F209	F309	FL309	—	0	-0.054	0	
F210	F310	F210	F310	FL310	—	0	-0.054	0	
F211	F311	F211	F311	FL311	—	0	-0.063	0	
F212	F312	F212	F312	FL312	—	0	-0.063	0	
F213	F313	F213	F313	FL313	—	0	-0.063	0	
F214	F314	F214	F314	FL314	—	0	-0.063	0	
F215	F315	F215	F315	FL315	—	0	-0.063	0	
F216	F316	F216	F316	FL316	—	0	-0.063	0	
F217	F317	F217	F317	FL317	—	0	-0.063	0	
F218	F318	F218	F318	FL318	—	0	-0.063	0	
F219	F319	F219	F319	FL319	—	0	-0.063	0	
F220	F320	F220	F320	FL320	—	0	-0.063	0	
F221	F321	F221	F321	FL321	—	0	-0.063	0	
F222	F322	F222	F322	FL322	—	0	-0.063	0	
F223	F323	F223	F323	FL323	—	0	-0.063	0	
F224	F324	F224	F324	FL324	—	0	-0.063	0	
F225	F325	F225	F325	FL325	—	0	-0.063	0	
F226	F326	F226	F326	FL326	—	0	-0.063	0	
F227	F327	F227	F327	FL327	—	0	-0.063	0	
F228	F328	F228	F328	FL328	—	0	-0.063	0	

Remarks 1. J is the bolt hole's center line dimension and P.C.D. A₂ is distance between the center line of spherical bore diameter of the housing and mounting surfaces, and H₃ is outside diameter of the spigot joint.
 2. Radial runout of spigot joint is applied for flange units with spigot joints.
 3. For FU2 and FLU2 types, tolerances for F2 shall be applied.
 4. For FCX and FLX types, tolerances for FX shall be applied.
 5. This table can be applied for bearing units with dust covers.

Table 3.7 (2) Flange unit housings (diameter of bolt hole)

Housing type	Nominal bore diameter N		N Deviations ΔNs	
	mm	inch	mm	inch
F, FU, FC, FS	—	—	±0.2	±0.008
FA, FH, FLU	30	1.1811	±0.3	±0.012

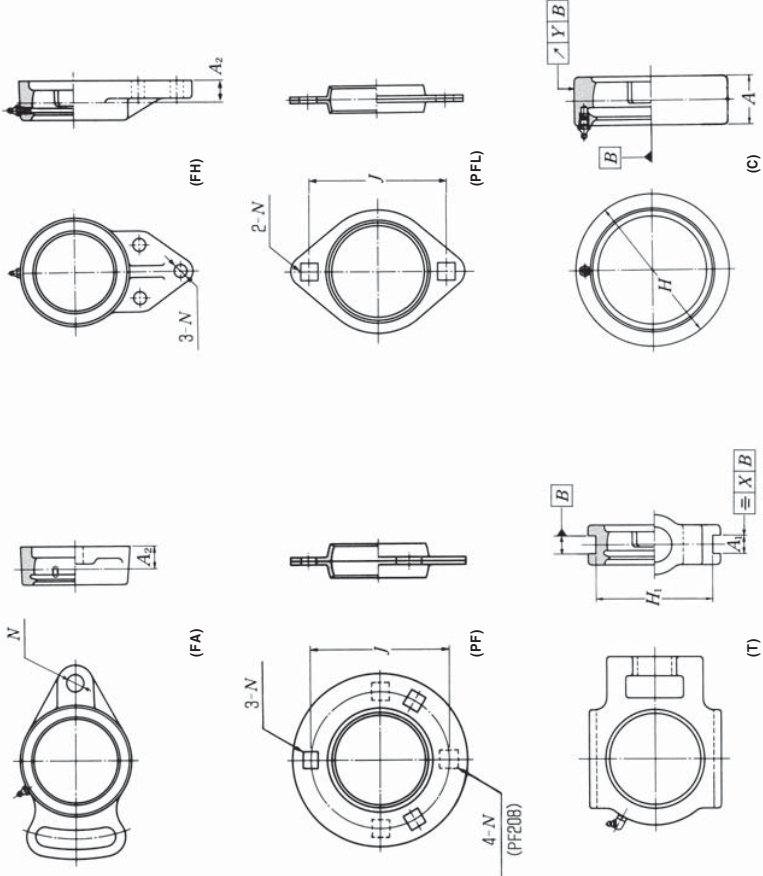


Table 3.8 Flange unit housings (FH, FA, PF, PFL)

Housing numbers	A ₂ Deviations ΔA _{2s}	Housing numbers	J Deviations ΔJs	Unit: mm/inch	
				N Deviations ΔNs	Deviations
FH, FA204	±0.5 ±0.020	PF203	±0.4 ±0.016	±0.25 ±0.010	
FH, FA205					
FH, FA206					
FH, FA207					
FH, FA208					
FH, FA209					
FH, FA210					
FH, FA211					
FA211	±0.8 ±0.032	PFL203			
		PFL204			
		PFL205			
		PFL206			
		PFL207			

Remarks 1. A₂ is distance between the center line of spherical bore diameter of housings.
 2. J is the bolt hole's center line dimension.

Table 3.9 Take-up unit housings (T)

Unit: mm/inch

Housing numbers	A ₁ Deviations ΔA _{1s}	H ₁ Deviations ΔH _{1s}		Parallelism of guide X
		high	low	
T204	—	—	—	—
T205	T305	TX05	—	—
T206	T306	TX06	—	—
T207	T307	TX07	0	0.5
T208	T308	TX08	0	0.020
T209	T309	TX09	0	—
T210	T310	TX10	—	—
T211	T311	TX11	—	—
T212	T312	TX12	—	—
T213	T313	TX13	—	—
T214	T314	TX14	—	—
T215	T315	TX15	—	—
T216	T316	TX16	—	—
T217	T317	TX17	0	0.6
—	T318	—	0	0.024
—	T319	—	0	—
—	T320	—	0	—
—	T321	—	0	—
—	T322	—	0	—
—	T324	—	0	—
—	T326	—	0	—
—	T328	—	0	—

Remarks 1. A₁ is the width of guide rail grooves.
 2. H₁ is the maximum span of guide rail grooves.
 3. This table can be applied for bearing units with dust covers.

Table 3.10 Cartridge unit housings (C)

Unit: mm/inch

Housing numbers	H ₁ Deviations ΔH _{1s}						Radial runout of outside surface y	A Devi- ations ΔA _s
	C2 Series		C3 Series		CX Series			
	high	low	high	low	high	low		
C204	—	—	—	—	—	—	—	—
C205	C305	CX05	0	-0.030	—	—	—	—
C206	C306	CX06	0	-0.0012	—	—	—	—
C207	C307	CX07	—	—	—	—	—	—
C208	C308	CX08	0	-0.035	0	-0.035	0.2	+0.2
C209	C309	CX09	0	-0.0014	0	-0.0014	0.008	±0.008
C210	C310	CX10	—	—	—	—	—	—
C211	C311	CX11	—	—	—	—	—	—
C212	C312	CX12	0	-0.040	0	-0.040	0.3	+0.3
C213	C313	—	0	-0.0016	0	-0.0016	0.012	±0.012
—	C314	—	—	—	—	—	—	—
—	C315	—	—	—	—	—	—	—
—	C316	—	—	—	—	—	—	—
—	C317	—	—	—	—	—	—	—
—	C318	—	—	—	—	—	—	—
—	C319	—	—	—	—	—	—	—
—	C320	—	—	—	—	—	—	—
—	C321	—	—	—	—	—	—	—
—	C322	—	—	—	—	—	—	—
—	C324	—	—	—	—	—	—	—
—	C326	—	—	—	—	—	—	—
—	C328	—	—	—	—	—	—	—

Remarks 1. H₁ is the outside diameter of cartridge housings.
 2. A₁ is width of cartridge housings.

4. Basic Load Rating and Life

4.1 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 eventually cause the bearings to fail. The effective life of a bearing is usually defined in terms of the total number of revolutions a bearing can undergo before flaking of either the raceway surface or the rolling element surfaces occurs.

Other causes of bearing failure are often attributed to problems such as seizing, abrasions, cracking, chipping, gnawing, rust, etc. However, these so called "causes" of bearing failure are usually themselves caused by improper installation, insufficient or improper lubrication, faulty sealing or inaccurate bearing selection. Since the above mentioned "cause" of bearing failure can be avoided by taking the proper precautions, and are not simply caused by material fatigue, they are considered separately from the flaking aspect.

4.2 Basic rated life and basic dynamic load rating

A group of seemingly identical bearings when subjected to identical load and operating conditions will exhibit a wide diversity in their durability.

This "life" disparity can be accounted for by the difference in the fatigue of the bearing material itself. This disparity is considered statistically when calculating bearing life, and the basic rated life is defined as follows.

The basic rated life is based on a 90% statistical model which is expressed as the total number of revolutions 90% of the bearings, in an identical group of bearings subjected to identical operating conditions, will attain or surpass before flaking due to material fatigue occurs. For bearings operating at fixed constant speeds, the basic rated life (90% reliability) is expressed in the total number of hours of operation.

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 (the basic life rating). For radial bearings this rating applies to pure radial loads, and for thrust bearings it refers to pure axial loads. The basic dynamic load ratings given in the bearing tables of this catalog are for bearings constructed of standard bearing materials, using standard manufacturing techniques. Please consult **NSK** for basic load ratings of bearings constructed of special materials or using special

manufacturing techniques.

The relationship between the basic rated life, the basic dynamic load rating and the bearing load is given in formula (4.1).

$$L_{10} = \left(\frac{C_r}{P_r} \right)^3 \dots\dots\dots (4.1)$$

where,

L_{10} : Basic rated life 10⁶ revolutions

C_r : Basic dynamic rated load, N, lbf

P_r : Equivalent dynamic load, N, lbf

The basic rated life can also be expressed in terms of hours of operation (revolution), and is calculated as shown in formula (4.2).

$$L_{10h} = 500 f_n L_{10} \dots\dots\dots (4.2)$$

$$f_n = f_r \frac{C_r}{P_r} \dots\dots\dots (4.3)$$

$$f_n = \left(\frac{33.3}{n} \right)^{1/3} \dots\dots\dots (4.4)$$

where,

L_{10h} : Basic rated life, h

f_n : Life factor

f_r : Speed factor

n : Rotational speed, min⁻¹

Formula (4.2) can also be expressed as shown in formula (4.5).

$$L_{10h} = \frac{10^6}{60n} \left(\frac{C_r}{P_r} \right)^3 \dots\dots\dots (4.5)$$

The relation between rotational speed n and speed factor f_n as well as the relation between the basic rated life L_{10h} and the life factor f_n is shown in Fig. 4.1.

When several bearings are incorporated in machines or equipment as complete units, all the bearings in the unit are considered as a whole when computing bearing life (see formula 4.6). The total bearing life of the unit is a life rating based on the viable lifetime of the unit before even one of the bearings fails due to rolling contact fatigue.

$$L = \frac{1}{\left(\frac{1}{L_1^{10}} + \frac{1}{L_2^{10}} + \dots + \frac{1}{L_n^{10}}\right)^{1/10}} \dots\dots\dots(4.6)$$

where,
 L : Total life of the whole bearing assembly, h
 L₁, L₂, ... L_n : Rated life of bearings 1, 2, ... n₁, h

In the case where load and the number of revolutions change at regulated intervals, after finding the rated life L₁, L₂, ... L_n under conditions of n₁, P₁; n₂, P₂; ... n_n, P_n; the built-in life L_m can be given by the formula (4.7).

$$L_1 = \frac{10^6}{60n_1} \left(\frac{C_1}{P_1}\right)^3$$

$$L_2 = \frac{10^6}{60n_2} \left(\frac{C_2}{P_2}\right)^3$$

$$\dots\dots\dots$$

$$L_n = \frac{10^6}{60n_n} \left(\frac{C_n}{P_n}\right)^3$$

$$L_m = \left(\frac{\phi_1}{L_1} + \frac{\phi_2}{L_2} + \dots + \frac{\phi_n}{L_n}\right)^{-1} \dots\dots\dots(4.7)$$

where,
 L₁, L₂, ... L_n : Rated life under condition 1, 2, ... n₁, h
 n₁, n₂, ... n_n : Number of revolutions under condition 1, 2, ... n₁, min⁻¹
 P₁, P₂, ... P_n : Equivalent load under condition 1, 2, ... n₁, N, lbf
 φ₁, φ₂, ... φ_n : Ratio of condition 1, 2, ... n accounting for the total operating time
 L_m : Built-in life, h

Table 4.1 Rating life for applications

Service classification	Machine application	Life time L _n
Machines used occasionally	Door mechanisms, Garage shutter	500
Equipment for short period or intermittent service-interruption permissible	Household appliances, Electric hand tools, Agricultural machines, Lifting tackles in shops	4 000 to 8 000
Intermittent service machines-high reliability	Power-Station auxiliary equipment, Elevators, Conveyors, Deck cranes	8 000 to 14 000
Machines used for 8 hours a day, but not always in full operation	Ore wagon axles, important gear units	14 000 to 20 000
Machines fully used for 8 hours	Blowers, General machinery in shops, Continuous operation cranes	20 000 to 30 000
Machines continuously used for 24 hours a day	Compressors, Pumps	50 000 to 60 000
Machines continuously used for 24 hours a day with maximum reliability	Power-station equipment, Water-supply equipment for urban areas, Mine ventilators	100 000 to 200 000

4.3 Basic static load rating

When stationary rolling bearings are subjected to static loads, they suffer from partial permanent deformation of the contact surfaces at the contact point between the rolling elements and the raceway. The amount of deformity increases as the load increases, and if this increase in load exceeds certain limits, the subsequent smooth operation of the bearing is impaired.

It has been found through experience that a permanent deformity of 0.0001 times the diameter of the rolling element, occurring at the most heavily stressed contact point between the raceway and the rolling elements, can be tolerated without any impairment in running efficiency.

The basic rated static load refers to a fixed static load limit at which a specified amount of permanent deformation occurs. It applies to pure radial loads for radial bearings. The maximum applied load values for contact stress occurring at the rolling element and raceway contact points are given below.

For ball bearings (for bearing unit): 4 200 MP.

4.4 Allowable static equivalent load

Generally the static equivalent load which can be permitted is limited by the basic static rated load as stated in Section 4.3. However, depending on requirements regarding friction and smooth operation, these limits may be greater or lesser than the basic static rated load.

In the following formula (4.8) and Table 4.2 the safety factor S₀ can be determined considering the maximum static equivalent load.

$$S_0 = \frac{C_0}{P_{0 \max}} \dots\dots\dots(4.8)$$

where,

S₀ : Safety factor
 C₀ : Basic static rated load, N, lbf
 P_{0 max} : Maximum static equivalent load, N, lbf

Table 4.2 Minimum safety factor values S₀

Operating conditions	Ball bearings
High rotational accuracy demand	2
Normal rotating accuracy demand (Universal application)	1
Slight rotational accuracy deterioration permitted (Low speed, heavy loading, etc.)	0.5

Remarks When vibration and/or shock loads are present, a load factor based on the shock load needs to be included in the P_{0 max} value.

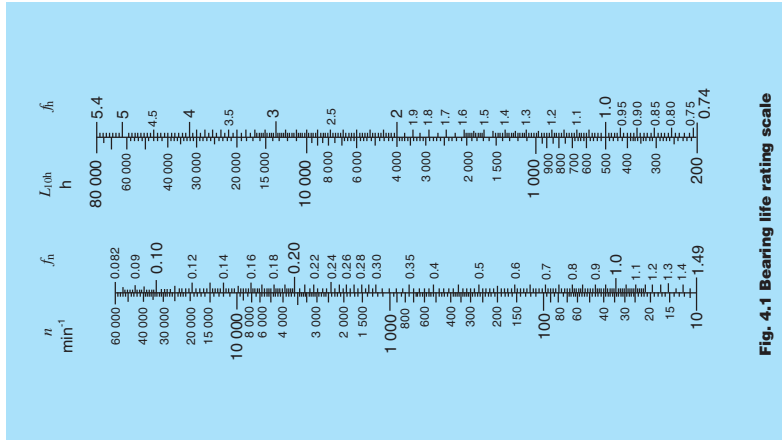


Fig. 4.1 Bearing life rating scale

5. Bearing Internal Clearance

5.1 Bearing internal clearance

Bearing internal clearance (initial clearance) is the amount of internal clearance a bearing has before being installed on a shaft or in a housing.

As shown in Fig. 5.1, when either the inner ring or the outer ring is fixed and the other ring is free to move, displacement can take place in either an axial or radial direction. This amount of displacement (radially or axially) is termed the internal clearance and, depending on the direction, is called the radial internal clearance or the axial internal clearance.

When the internal clearance of a bearing is measured, a slight measurement load is applied to the raceway so the internal clearance may be measured accurately. However, at this time, a slight amount of elastic deformation of the bearing occurs under the measurement load, and the clearance measurement value (measured clearance) is slightly larger than the true clearance. This discrepancy between the true bearing clearance and the increased amount due to the elastic deformation must be compensated for. These compensation values are given in Table 5.1.

The internal clearance values for each bearing class are shown in Tables 5.3.

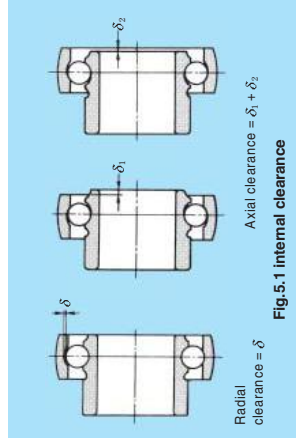


Fig. 5.1 Internal clearance

Table 5.1 Adjustment of radial internal clearance based on measured load

Nominal Bore Diameter d (mm)	Measuring Load (N)	Radial Clearance Increase				
		C2	CN	C3	C4	C5
10	18	3 to 4	4	4	4	4
18	50	4 to 5	5	6	6	6
50	200	6 to 8	8	9	9	9

5.2 Internal clearance selection

The internal clearance of a bearing under operating conditions (effective clearance) is usually smaller than the same bearing's initial clearance before being installed and operated. This is due to several factors including bearing fit, the difference in temperature between the inner and outer rings, etc. As a bearing's operating clearance has an effect on bearing life, heat generation, vibration, noise, etc.; care must be taken in selecting the most suitable operating clearance.

Effective internal clearance:

The internal clearance differential between the initial clearance and the operating (effective) clearance (the amount of clearance reduction caused by interference fits, or clearance variation due to the temperature difference between the inner and outer rings) can be calculated by the following formula:

$$\delta_{\text{eff}} = \delta_0 - (\delta_1 + \delta_2) \quad \text{..... (5.1)}$$

where,

δ_{eff} : Effective internal clearance, mm

δ_0 : Bearing internal clearance, mm

δ_1 : Reduced amount of clearance due to interference, mm

δ_2 : Reduced amount of clearance due to temperature differential of inner and outer rings, mm

Reduced clearance due to interference:

When bearings are installed with interference fits on shafts and in housings, the inner ring will expand and the outer ring will contract; thus reducing the bearings' internal clearance. The amount of expansion or contraction varies depending on the shape of the bearing, the shape of the shaft or housing, dimensions of the respective parts, and the type of materials used. The differential can range from approximately 70% to 90% of the effective interference.

$$\delta_1 = (0.70 \text{ to } 0.90) \times \Delta d_{\text{int}} \quad \text{..... (5.2)}$$

where,

δ_1 : Reduced amount of clearance due to interference, mm

Δd_{int} : Effective interference, mm

Reduced internal clearance due to inner/outer ring temperature difference:

During operation, normally the outer ring will be from 5° to 10°C cooler than the inner ring or rotating parts. However, if the cooling effect of the housing is large,

the shaft is connected to a heat source, or a heated substance is conducted through the hollow shaft; the temperature difference between the two rings can be ever greater. The amount of internal clearance is thus further reduced by the differential expansion of the two rings.

$$\delta_2 = \alpha \times L_{\text{IT}} \times D_0 \quad \text{..... (5.3)}$$

where,

δ_2 : Amount of reduced clearance due to heat differential, mm

α : Bearing steel linear expansion coefficient $12.5 \times 10^{-6}/^\circ\text{C}$

L_{IT} : Inner/outer ring temperature differential, °C

D_0 : Outer ring raceway diameter, mm

Outer ring raceway diameter, D_0 , values can be approximated by using formula 5.4.

For ball bearings,

$$D_0 = 0.20(d+4.0D) \quad \text{..... (5.4)}$$

where,

d : Bearing bore diameter, mm

D : Bearing outside diameter, mm

5.3 Bearing internal clearance selection standards

Theoretically, in regard to bearing life, the optimum operating internal clearance for any bearing would be a slight negative clearance after the bearing had reached normal operating temperature.

Unfortunately, under actual operating conditions, maintaining such optimum tolerances is often difficult at best. Due to various fluctuating operating conditions this slight minus clearance can quickly become a large minus, greatly lowering the life of the bearing and causing excessive heat to be generated. Therefore, an initial internal clearance which will result in a slightly greater than negative internal operating clearance should be selected.

Under normal operating conditions (e.g. normal load, fit, speed, temperature, etc.), a standard internal clearance will give a very satisfactory operating clearance.

Table 5.2 lists non-standard clearance recommendations for various applications and operating conditions.

Table 5.2 Examples of applications where bearing clearances other than normal clearance are used

Operating conditions	Applications	Selected clearance
Shaft is heated and housing is cooled.	Conveyor of casting machine	C5
Shaft or inner ring is heated.	Annealing pit, Drying pit, Curing pit	C4
Allows for shaft deflection and fitting errors.	Disc harrows	C4
	Combines	C3
Tight-fitted for both inner and outer rings.	Large blowers	C3
To reduce noise and vibration when rotating.	Multi-wing fan of air conditioners	C2

Table 5.3(1)Cylindrical bore bearings

Nominal bore diameter d		Radial internal clearance														
over mm	incl. inch	C2		CN		C3		C4		C3		C4				
		min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.			
10	0.3937	0	9	3	1	18	7	11	4	25	10	18	7	33	13	
18	0.7087	0	10	4	5	2	20	8	13	5	28	11	20	8	36	14
24	0.9449	0	11	4	5	2	20	8	13	5	28	11	23	9	41	16
30	1.1811	0	11	4	6	2	20	8	15	6	33	13	28	11	46	18
40	1.5748	0	11	4	6	2	23	9	18	7	36	14	30	12	51	20
50	1.9685	0	15	6	8	3	28	11	23	9	43	17	38	15	61	24
65	2.5591	0	15	6	10	4	30	12	25	10	51	20	46	18	71	28
80	3.1496	0	18	7	12	5	36	14	30	12	58	23	53	21	84	33
100	3.9370	0	20	8	15	6	41	16	36	14	66	26	61	24	97	38
120	4.7244	0	23	9	18	7	48	19	41	16	81	32	71	28	114	45

Remarks Heat-resistant bearings with suffix HT2 have C4 clearances.

Table 5.3(2)Tapered bore bearings

Nominal bore diameter d		Radial internal clearance														
over mm	incl. inch	C2		CN		C3		C4		C3		C4				
		min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.			
24	0.9449	5	2	8	13	5	28	11	23	9	41	16	30	12	53	21
30	1.1811	6	2	8	15	6	33	13	28	11	46	18	40	16	64	25
40	1.5748	6	2	9	18	7	36	14	30	12	51	20	45	18	73	29
50	1.9685	8	3	11	23	9	43	17	38	15	61	24	55	22	90	35
65	2.5591	10	4	12	25	10	51	20	46	18	71	28	65	26	105	41
80	3.1496	12	5	14	30	12	58	23	53	21	84	33	75	30	120	47
100	3.9370	15	6	16	36	14	66	26	61	24	97	38	90	35	140	55
120	4.7244	18	7	19	41	16	81	32	71	28	114	45	105	41	160	63

6. Lubrication

As bearings in NSK bearing units have sufficient high-grade grease sealed in at the time of manufacture, there is no need for replenishment while in use. The amount of grease necessary for lubrication is, in general, very small. With the NSK bearing units, the amount of grease occupies about a half to a third of the space inside the bearing.

6.1 Maximum permissible speed of rotation

The maximum speed possible while ensuring the safety and long life of ball bearings used in the unit is limited by their size, the circumferential speed at the point where the seal comes into contact, and the load acting on them.

To indicate the maximum speed permissible, it is customary to use the value of d/n or d_m/n (d is the bore diameter, d_m is the diameter of the pitch circle— $(D+O.D.)/2$, n is the number of revolutions).

Problem connected with the lubrication of bearings are the generation of heat and seizures occurring at the sliding parts inside the bearing, in particular at the inner and outer rings. The contact pressure at the points where friction occurs on the retainer is only

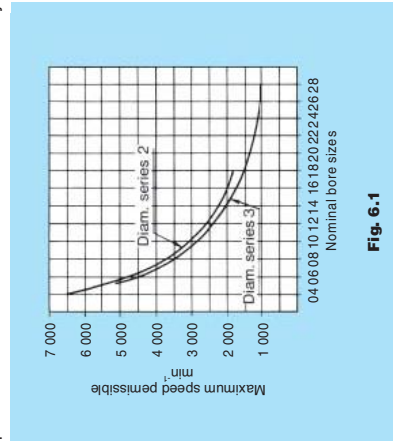


Fig. 6.1

slightly affected by the load acting on the bearing; the amount of heat generated there is approximately in proportion to the sliding velocity. Therefore, this sliding velocity serves as a yardstick to measure the limit of the rotating speed of the bearing. In the case of a bearing unit, however, there is another large factor that has to be taken into account—the circumferential speed at the part where the seal is in contact.

The graph in Fig.6.1 indicates the maximum speed of rotation permissible, taking into account the aforementioned factors.

There are two common methods of locking the bearing unit onto the shaft—the set screw system and the eccentric collar system. However, in both of these systems high-speed operation will cause deformation of the inner ring, which may result in vibration of the bearing. For high-speed operation, therefore, it is recommended that an interference fit or a clearance fit with a near-zero clearance be used.

For standard bearing units with the contact type seal, the maximum speed permissible is 120 000/d. Where a higher speed is required, bearing units with the non-contact type seal are advised. Please contact NSK regarding the use of the latter type. Additionally, it is necessary that the surface on which the housing is mounted be finished to as a high degree of accuracy as possible. A regularity of within $\pm 0.05\text{mm}$, $\pm 0.002\text{inch}$ is required.

6.2 Replenishment of grease

6.2.1 Sealed-in grease

With NSK bearing units, no relubrication is the general rule. The standard self-lubricating type of bearing units contain high-grade lithium-based grease which being suitable for long-term use, is ideal for sealed-type bearings. Relubrication, therefore, is unnecessary under most operating conditions.

At high temperatures, or where there is exposure to water or excessive dust, the highest quality grease is essential. Therefore, NSK uses its own specially selected brands which are shown in Table 6.1. It is necessary to use the same brand when replenishing grease.

Table 6.1 Brands of grease used in NSK bearing units

Bearing units	Grease			Symbols	Operating temperature range °C, °F
	Name of grease	Thickening agent	Base oil		
Standard	Alvania grease S3	Li soap	Mineral oil	D1	-10*to +100°C, (+14*to +212°F).
Heat-resistant	SH44MT	Li soap	Silicone oil	HT2D1	Normal temp.to + 130°C(266°F).
Cold-resistant	SH33L	Li soap	Silicone oil	CT1D1	-60°C(-76°F)to normal temp.

6.2.2 Mixing of different kinds of grease

Whether or not different kinds of grease may be mixed usually depends on their thickeners. The commonly used criteria are shown in Table 6.2. Properties which are most susceptible to influences from mixing are viscosity, dropping point and penetration. Water and heat resisting properties as well as mechanical stability are also lowered. Therefore, when mixing in a grease which is different to that which is already in use, it is essential that the thickener (soap base) and the base oil be of the same group.

When relubricating NSK bearing units, it is advisable to use the brands of grease shown in Table 6.1.

Table 6.2 Mixing properties of grease

Soap base	Ca	Na	Al	Ba	Li
Ca	○	△	△	X	△
Na	△	○	△	X	X
Al	△	△	○	X	X
Ba	X	X	X	○	X
Li	△	X	X	X	○

○ Mixing will not produce any appreciable change of properties.
 △ Mixing may produce considerable variations of properties.
 X Mixing will cause a drastic change of properties.

6.2.3 Relubrication frequency

Relubrication frequency varies with the kind and quality of grease used as well as the operating conditions. Therefore, it is difficult to establish a general rule, but under ordinary operating conditions, it is desirable that grease be replenished before one third (1/3) of its calculated life elapses. It is necessary, however, to take into consideration such factors as hardening of grease in the oil hole, making replenishment impossible; deterioration of grease while operation of the machine is suspended, and so forth.

In Table 6.3 below are shown standard relubrication frequencies. Irrespective of the calculated life of the grease, this list takes into consideration such factors as the rotational speed of the bearings, operating temperatures and environmental conditions, with a view to safety.

6.2.4 Re-greasing

The performance of a bearing is greatly influenced by the quantity of grease. In order to avoid over-filling, it is advisable to replenish the grease while the machine is in operation.

Continue to insert grease until a little oozes out from between the outer ring raceway and the periphery of the slinger, for optimum performance.

6.3 Grease fitting

NSK bearing units are, as a general rule, provided with a grease fitting, as shown in Table 6.4, and a grease gun is used for regreasing. However, button-head and pin types may also be furnished on demand.

Grease fitting dimensions and the designation of applicable bearing units are given in Table 6.5.

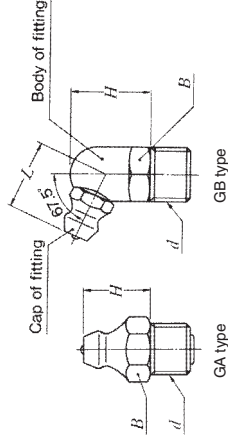


Table 6.4 Grease fitting types available for bearing units.

Types of housing	Standard grease fitting types
Pillow type	GA type
Flange type	GA type
Take-up type	GB type
Hanger type	GA type
Cartridge type	GA type

Table 6.5 Grease fitting dimensions and designations of applicable bearing units

Designation	d	H		B	
		mm	inch	mm	inch
GA-1/4-28 UNF	1/4-28 UNF	8.5	0.335	7	0.276
GA-PF 1/8	G 1/8	12	0.472	10	0.394
GA-PF 1/4	G 1/4	14	0.551	14	0.551

GB type(67.5°)

Designation	d	H		L		B	
		mm	inch	mm	inch	mm	inch
GB-1/4-28UNF	1/4-28 UNF	10.5	0.413	9.3	0.366	8	0.315
GB-PF 1/8	G 1/8	14.2	0.559	13.5	0.531	10	0.394
GB-PF 1/4	G 1/4	15	0.591	13.5	0.531	14	0.551

Nominal screw size d	Series 2		Series X		Series 3	
	203 - 209	210 - 215	X05 - X08	X09 - X14	305 - 309	310 - 315
1/4-28 UNF	216 - 218		X15 - X20		316 - 328	

Remarks Screw size for the cartridge type is 1/4-28 UNF.
 That for C310D1 to C328D1 is G 1/8(PF 1/8).

Table 6.3 Standard relubrication frequencies

Type of unit	Symbol	dn Value	Environmental conditions	Operating temp. °C, F	Relubrication frequency	
					Hours	Period
Standard	D1	40 000 and below	Ordinary	-10 to +80, +14 to +176	1 500 to 3 000	6 to 12 mo.
Standard	D1	70 000 and below	Ordinary	-10 to +80, +14 to +176	1 000 to 2 000	3 to 6 mo.
Standard	D1	70 000 and below	Ordinary	+80 to +100, +176 to +212	500 to 700	1 mo.
Heat-resistant	HT2D1	70 000 and below	Ordinary	+100 to +130, +212 to +266	300 to 700	1 mo.
Cold-resistant	CT1D1	70 000 and below	Ordinary	-60 to +80, -76 to +176	1 000 to 2 000	3 to 6 mo.
Standard	D1	70 000 and below	Very dusty	-10 to +100, +14 to +212	100 to 500	1 wk to 1 mo.
Standard	D1	70 000 and below	Exposed to water splashes	-10 to +100, +14 to +212	30 to 100	1 day to 1 wk.

6.4 standard location of the grease fitting

Standard location of grease fitting on the housing for the relubricatable bearing units of each type is illustrated below.

P, PL, Z-P type	C-F type	FL, FLU, Z-FL type	T, Z-T type
C-P type	F, FU, Z-F (#204, #205) FS type	C-FL type	C-T type
HP type	C-FS type	FH type	M, L, Z-M, Z-L type
UP type	FC, Z-FC type	FA type	C-M, C-L type
Except (#204, #205) F, FU, Z-F type	C-FC type	HB type	C type

7. Recommended Torques for Tightening Set Screws

Table 7.1 Recommended torques for tightening set screws

A)Metric series, applied to metric bore size.
B)Inch series, applied to inch bore size.

Designation of the bearings of applicable units	Designation of set screws	Tightening torques N·m(max.)
UC201 to UC205	M 5x0.8 x 7	3.9
UC206	UC305 to UC306 M 6x0.75 x 8	4.9
UC207	UCX05 M 6x0.75 x 8	5.8
UC208 to UC210	M 8 x 1 x10	7.8
UC211	UCX06 to UCX08 M 8 x 1 x10	9.8
UC212	UCX09 M10x1.25 x12	16.6
UC213 to UC215	UC308 to UC309 M10x1.25 x12	19.6
UC216	UCX10 M10x1.25 x12	22.5
—	UCX11 to UCX12 M10x1.25 x12	24.5
UC217 to UC218	UC310 to UC314 M12x1.5 x13	29.4
—	UCX16 to UCX17 M12x1.5 x13	34.3
—	UCX18 M14x1.5 x15	34.3
—	UCX20 M16x1.5 x18	53.9
—	UC320 to UC324 M18x1.5 x20	58.8
—	UC326 to UC328 M20x1.5 x25	78.4

Designation of the bearings for the unit to which torques given are applicable	Designation of set screws	Tightening torques lbf·inch(max.)
UC201 to UC205	No.10-32UNF	34
UC206	UC305 to UC306 1/4-28UNF	43
UC207	UCX05 1/4-28UNF	52
UC208 to UC210	5/16-24UNF	69
UC211	UCX06 to UCX08 5/16-24UNF	86
UC212	UCX09 3/8-24UNF	147
UC213 to UC215	UC308 to UC309 3/8-24UNF	173
UC216	UCX10 3/8-24UNF	199
—	UCX11 to UCX12 3/8-24UNF	216
UC217 to UC218	UC310 to UC314 1/2-20UNF	260
—	UCX16 to UCX17 1/2-20UNF	303
—	UCX18 9/16-18UNF	303
—	UCX20 5/8-18UNF	477
—	UC320 5/8-18UNF	520

Designation of the bearings of applicable units	Designation of set screws	Tightening torques N·m(max.)
AS201 to 205	M 5x0.8 x 7	3.4
AS206	M 6x0.75 x 8	4.4
AS207	M 6x0.75 x 8	4.9
AS208	M 8 x 1 x10	6.8

Designation of the bearings for the unit to which torques given are applicable	Designation of set screws	Tightening torques lbf·inch(max.)
AS201 to 205	No.10-32UNF	30
AS206	1/4-28UNF	39
AS207	1/4-28UNF	43
AS208	5/16-24UNF	60

**Contents of ball bearing units and
ball bearings for bearing units**

DIMENSION TABLE

Pages

Set screw type

Pillow block unit, cast housing	
UCP2	B4
UCP3	B10
UCPX	B16
UCPL2	B22
UCHP2	B26
UCUP2	B30
ASPL2	B34

Pillow block unit, pressed steel housing	
ASPP2	B38
ASRPP2	B40

Square flanged unit, cast housing	
UCF2	B42
UCF3	B48
UCFX	B54
UCFS3	B60

Round flanged unit, cast housing	
UCFC2	B66
UCFCX	B72

Rhombus flanged unit, cast housing	
UCFL2	B78
UCFL3	B84
UCFLX	B90
UCFA2	B92
UCFH2	B96
ASFB2	B100
ASFD2	B102

Round flanged unit, pressed steel housing	
ASPF2	B104
ASRPF2	B106

Rhombus flanged unit, pressed steel housing	
ASPLF2	B108

Hanger unit, cast housing	
UCHB2	B110

Pages

Take-up unit, cast housing	
UCT2	B114
UCT3	B120
UCTX	B126
Take-up stretcher units	
UCT2	B130

Take-up type L stretcher units	
UCL2	B132

Take-up type M stretcher units	
UCM2-	B134
UCM3-	B136

Take-up mini stretcher units	
ASPT2-	B138

Cartridge unit, cast housing	
UCC2	B140
UCC3	B142
UCCX	B146

Eccentric locking collar type

Pillow block unit, cast housing	
UEL2	B148
UEL3	B152
UELPL2	B158
UELHP2	B162
UELUP2	B164
AELPL2	B166
JELPL2	B168

Pillow block unit, pressed steel housing	
AELPP2	B170
AELRPP2	B172

Square flanged unit, cast housing	
UEL2	B174
UEL3	B178
UELFU2	B184
UELFS3	B188

Round flanged unit, cast housing	
UELFC2	B194

Pages

Rhombus flanged unit, cast housing	
UEFL2	B198
UEFL3	B202
UEFLU2	B208
AELFB2	B212
AELFD2	B214
JELFD2	B216

Round flanged unit, pressed steel housing	
AELPF2	B218
JELPF2	B220
AELRPF2	B222

Rhombus flanged unit, pressed steel housing	
AELPFL2	B224
JELPFL2	B226

Take-up unit, cast housing	
UEL2	B228
UEL3	B232

Take-up mini stretcher units	
AELPT2-	B238
JELPT2-	B240

Cartridge unit, cast housing	
UEL2	B242
UEL3	B244

Adapter type

Pillow block unit, cast housing	
UKP2	B248
UKP3	B252
UKPX	B256

Square flanged unit, cast housing	
UKF2	B260
UKF3	B264
UKFX	B268
UKFS3	B272

Round flanged unit, cast housing	
UKFC2	B276
UKFCX	B280

Pages

Rhombus flanged unit, cast housing	
UKFL2	B284
UKFL3	B288
UKFLX	B292

Take-up unit, cast housing	
UKT2	B294
UKT3	B298
UKTX	B302

Cartridge unit, cast housing	
UKC2	B306
UKC3	B308
UKCX	B310

Ball bearings

Set screw type	
UC2	B312
UC3	B318
UCX	B324
AS2	B328
AR2	B332

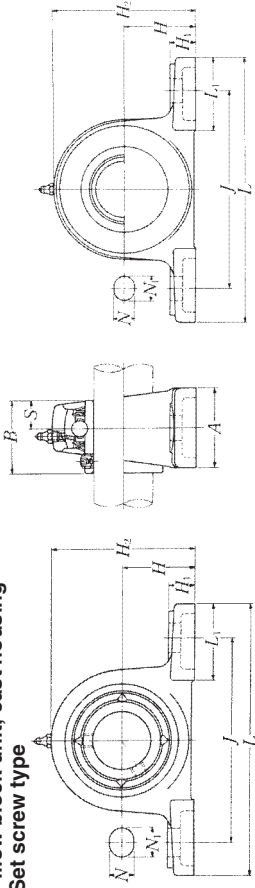
Eccentric locking collar type	
UEL2	B336
UEL3	B340
AEL2	B346
JEL2	B348
REL2	B350

Adapter type	
UK2	B354
UK3	B358
UKX	B362

Other bearings	
UCS2	B366
UCS3	B370
ASS2	B374
UELS2	B376
UELS3	B380
AELS2	B384
JELS2	B386
CS2	B388

UCP2

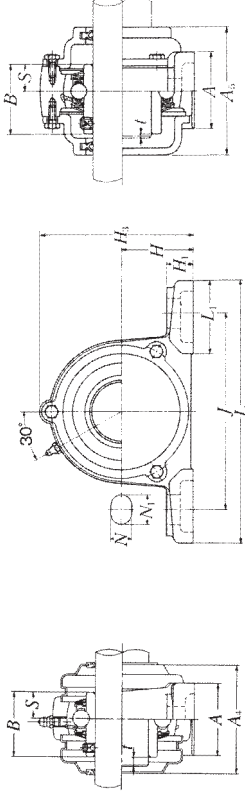
Pillow block unit, cast housing Set screw type



Pressed steel dust cover type
Open end Z-UCP...D1
Closed end ZM-UCP...D1

Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch											Bearing number	
		H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B	S		
85	UCP217D1	95.2	310	247	83	25	28	32	187	85	85.7	34.1	M20	UC217D1
3 1/4	UCP217-304D1													UC217-304D1
3 5/16	UCP217-305D1	3 3/4	12 1/2	9 23/32	3 9/32	3 1/32	1 3/32	1 1/4	7 3/8	3 11/32	3.3740	1.343	3/4	UC217-305D1
3 7/16	UCP217-307D1													UC217-307D1
90	UCP218D1	101.6	327	262	88	27	30	33	200	90	96	39.7	M22	UC218D1
3 1/2	UCP218-308D1	4	12 7/8	10 5/16	3 15/32	1 1/16	1 3/16	1 5/16	7 7/8	3 17/32	3.7795	1.563	7/8	UC218-308D1

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

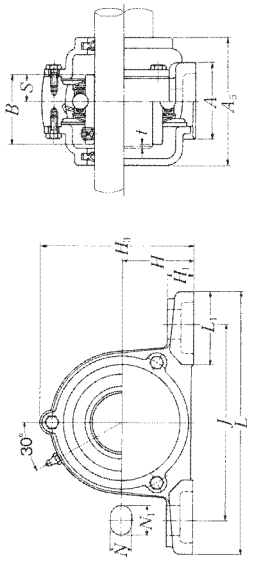
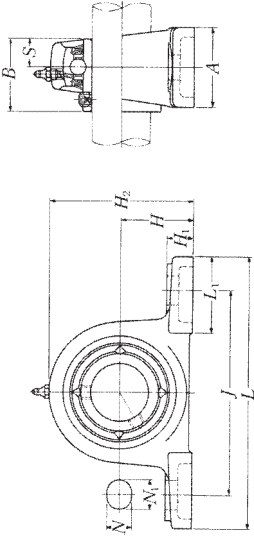


Cast dust cover type
Open end C-UCP...D1
Closed end CM-UCP...D1

Housing number	Unit number (1) pressed steel dust cover type	Unit number (1) cast dust cover type	Nominal dimensions mm inch				Mass of unit kg lb		
			t max.	A ₄	H ₃	A ₅	Z(M)	C(CM)	
P217D1	—	C(CM)-UCP217D1	5	—	191	155	11	—	13
P217D1	—	C(CM)-UCP217-304D1	13/64	—	7 17/32	6 3/32	24	—	29
P217D1	—	C(CM)-UCP217-305D1							
P217D1	—	C(CM)-UCP217-307D1							
P218D1	—	C(CM)-UCP218D1	5	—	204	165	13	—	16
P218D1	—	C(CM)-UCP218-308D1	13/64	—	8 1/32	6 1/2	29	—	35

UCP3

Pillow block unit, cast housing Set screw type



Cast dust cover type
Open end C-UCP...D1
Closed end CM-UCP...D1

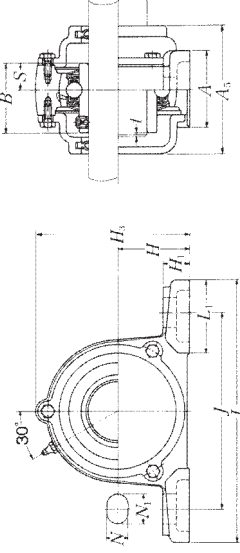
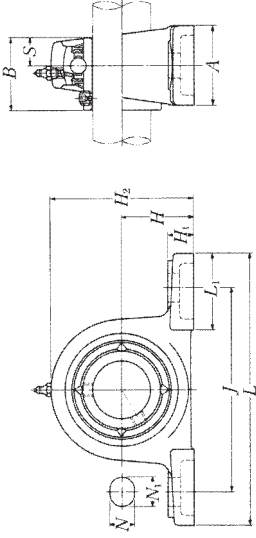
Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch													Bolt size mm inch
		H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B	S	H ₃	A ₅	
25 1 ³ / ₈ 7/ ₈ 1 ⁵ / ₁₆ 1 ¹ / ₈ 1	UCP305D1	45	175	132	45	17	20	15	85	54	38	15	M14		
	UCP305-013D1														
	UCP305-014D1	1 ⁴⁹ / ₆₄	6 ¹ / ₈	5 ³ / ₁₆	1 ²⁵ / ₃₂	2 ¹ / ₃₂	25 ¹⁹ / ₃₂	3 ¹ / ₃₂	2 ¹ / ₈	1.4961	0.591	1/2			
	UCP305-015D1														
	UCP305-100D1														
30 1 ¹ / ₈ 1 ¹ / ₈ 1 ¹ / ₈ 1 ¹ / ₈	UCP306D1	50	180	140	50	17	20	18	95	54	43	17	M14		
	UCP306-101D1														
	UCP306-102D1	1 ³¹ / ₃₂	7 ³ / ₃₂	5 ¹ / ₂	4 ³¹ / ₃₂	1 ²¹ / ₃₂	25 ²³ / ₃₂	3 ³ / ₄	2 ¹ / ₈	1.6929	0.669	1/2			
	UCP306-103D1														
	UCP307D1	56	210	160	56	17	25	20	106	60	48	19	M14		
35 1 ¹ / ₄ 1 ⁵ / ₁₆ 1 ³ / ₈ 1 ³ / ₈ 1 ¹ / ₈	UCP307D1	56	210	160	56	17	25	20	106	60	48	19	M14		
	UCP307-104D1														
	UCP307-105D1	2 ¹ / ₆₄	8 ⁹ / ₃₂	6 ⁵ / ₁₆	2 ⁷ / ₃₂	2 ¹ / ₃₂	3 ¹ / ₃₂	4 ³ / ₁₆	2 ³ / ₈	1.8698	0.748	1/2			
	UCP307-106D1														
	UCP307-107D1														
40 1 ¹ / ₂ 1 ¹ / ₂ 1 ¹ / ₂	UCP308D1	60	220	170	60	17	27	22	116	60	52	19	M14		
	UCP308-108D1														
	UCP308-109D1	2 ²⁵ / ₆₄	8 ²¹ / ₃₂	6 ¹¹ / ₁₆	2 ³ / ₈	2 ¹ / ₃₂	1 ¹ / ₁₆	7/ ₈	4 ⁹ / ₁₆	2 ³ / ₈	2.0472	0.748	1/2		
	UCP309D1	67	245	190	67	20	30	24	129	65	57	22	M16		
	UCP309-110D1														
45 1 ⁵ / ₈ 1 ¹ / ₂ 1 ³ / ₄	UCP309D1	67	245	190	67	20	30	24	129	65	57	22	M16		
	UCP309-110D1														
	UCP309-111D1	2 ¹ / ₆₄	9 ³ / ₃₂	7 ¹⁵ / ₃₂	2 ⁵ / ₈	2 ⁵ / ₃₂	1 ³ / ₁₆	1 ⁵ / ₈	5 ³ / ₃₂	2 ³ / ₁₆	2.2441	0.866	5/ ₈		
	UCP309-112D1														
	UCP310D1	75	275	212	75	20	35	27	143	75	61	22	M16		
50 1 ³ / ₈ 1 ³ / ₈ 1 ³ / ₈ 1 ³ / ₈	UCP310D1	75	275	212	75	20	35	27	143	75	61	22	M16		
	UCP310-113D1														
	UCP310-114D1	2 ⁸ / ₆₄	10 ¹³ / ₁₆	8 ¹¹ / ₃₂	2 ¹⁵ / ₁₆	2 ⁵ / ₃₂	1 ³ / ₈	1 ¹ / ₁₆	5 ⁵ / ₈	2 ⁵ / ₁₆	2.4016	0.866	5/ ₈		
	UCP310-115D1														
	UCP311D1	80	310	236	80	20	38	30	154	85	66	25	M16		
55 2 2 ¹ / ₁₆ 2 ¹ / ₈ 2 ¹ / ₈	UCP311D1	80	310	236	80	20	38	30	154	85	66	25	M16		
	UCP311-200D1														
	UCP311-201D1	3 ³ / ₃₂	12 ² / ₃₂	9 ⁹ / ₃₂	3 ⁵ / ₃₂	1 ¹ / ₂	1 ³ / ₁₆	1 ³ / ₁₆	6 ¹ / ₁₆	3 ¹ / ₃₂	2.5984	0.984	5/ ₈		
	UCP311-202D1														
	UCP311-203D1														

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Unit number (*) cast dust cover type	Nominal dimensions mm inch			Mass of unit kg lb	
			t max.	H ₃	A ₅	UCP	C(CM)
UC305D1	P305D1	C(CM)-UCP305D1	2	91	80	1.4	1.8
UC305-013D1	P305D1	C(CM)-UCP305-013D1					
UC305-014D1	P305D1	C(CM)-UCP305-014D1	5 ⁵ / ₆₄	3 ¹⁹ / ₃₂	3 ⁵ / ₃₂	3.1	4.0
UC305-015D1	P305D1	C(CM)-UCP305-015D1					
UC305-100D1	P305D1	C(CM)-UCP305-100D1					
UC306D1	P306D1	C(CM)-UCP306D1	2	105	85	1.8	2.5
UC306-101D1	P306D1	C(CM)-UCP306-101D1					
UC306-102D1	P306D1	C(CM)-UCP306-102D1	5 ⁵ / ₆₄	4 ¹ / ₈	3 ¹ / ₃₂	4.0	5.5
UC306-103D1	P306D1	C(CM)-UCP306-103D1					
UC307D1	P307D1	C(CM)-UCP307D1	3	115	95	2.5	3.2
UC307-104D1	P307D1	C(CM)-UCP307-104D1					
UC307-105D1	P307D1	C(CM)-UCP307-105D1	1 ¹ / ₈	4 ¹⁷ / ₃₂	3 ³ / ₄	5.5	7.1
UC307-106D1	P307D1	C(CM)-UCP307-106D1					
UC307-107D1	P307D1	C(CM)-UCP307-107D1					
UC308D1	P308D1	C(CM)-UCP308D1	3	125	105	3.1	4.0
UC308-108D1	P308D1	C(CM)-UCP308-108D1	1 ¹ / ₈	4 ²⁹ / ₃₂	4 ¹ / ₈	6.8	8.8
UC308-109D1	P308D1	C(CM)-UCP308-109D1					
UC309D1	P309D1	C(CM)-UCP309D1	3	140	110	4.1	5.4
UC309-110D1	P309D1	C(CM)-UCP309-110D1					
UC309-111D1	P309D1	C(CM)-UCP309-111D1	1 ¹ / ₈	5 ¹ / ₂	4 ¹ / ₃₂	9.0	12
UC309-112D1	P309D1	C(CM)-UCP309-112D1					
UC310D1	P310D1	C(CM)-UCP310D1	3	156	120	5.6	7.0
UC310-113D1	P310D1	C(CM)-UCP310-113D1					
UC310-114D1	P310D1	C(CM)-UCP310-114D1	1 ¹ / ₈	6 ⁵ / ₃₂	4 ²³ / ₃₂	12	15
UC310-115D1	P310D1	C(CM)-UCP310-115D1					
UC311D1	P311D1	C(CM)-UCP311D1	4	166	125	7.3	8.8
UC311-200D1	P311D1	C(CM)-UCP311-200D1					
UC311-201D1	P311D1	C(CM)-UCP311-201D1	5 ⁵ / ₃₂	6 ⁷ / ₃₂	4 ²⁹ / ₃₂	16	19
UC311-202D1	P311D1	C(CM)-UCP311-202D1					
UC311-203D1	P311D1	C(CM)-UCP311-203D1					

UCP3

Pillow block unit, cast housing Set screw type



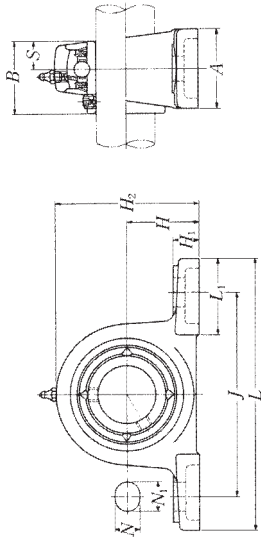
Cast dust cover type
Open end C-UCP...D1
Closed end CM-UCP...D1

Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch													Bolt size mm inch		
		H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B	S	H ₃	A ₅	t max.	kg lb	C (CM)
60	UCP312D1	85	330	250	85	25	38	32	165	95	71	26	M20				
	UCP312-204D1																
	UCP312-205D1	3 1/2	13	9 27/32	3 1/2	3 1/2	1 1/2	1 1/4	6 1/2	3 3/4	2.7953	1.024	3/4				
	UCP312-206D1																
65	UCP313D1	90	340	260	90	25	38	33	176	105	75	30	M20				
	UCP313-208D1	3 5/8	13 3/8	10 1/4	3 7/32	3 1/2	1 1/2	1 5/16	6 5/8	4 1/8	2.9528	1.181	3/4				
	UCP313-209D1																
	UCP314D1	95	360	280	90	27	40	35	187	105	78	33	M22				
70	UCP314-210D1																
	UCP314-211D1	3 5/8	14 3/8	11 1/2	3 7/32	1 1/8	1 9/16	1 3/8	7 3/8	4 1/8	3.0709	1.299	7/8				
	UCP314-212D1																
	UCP315D1	100	380	290	100	27	40	35	198	110	82	32	M22				
75	UCP315-213D1																
	UCP315-214D1	3 1/2	14 3/8	11 1/2	3 5/8	1 1/8	1 9/16	1 3/8	7 3/8	4 1/8	3.2283	1.260	7/8				
	UCP315-215D1																
	UCP315-300D1	3															
80	UCP316D1	106	400	300	110	27	40	40	210	110	86	34	M22				
	UCP316-301D1																
	UCP316-302D1	4 1/8	15 3/4	11 13/16	4 1/2	1 1/8	1 9/16	1 9/16	8 3/8	4 1/2	3.3858	1.339	7/8				
	UCP316-303D1																
85	UCP317D1	112	420	320	110	33	45	40	220	120	96	40	M27				
	UCP317-304D1																
	UCP317-305D1	4 1/2	16 1/2	12 1/2	4 1/2	1 5/16	1 25/32	1 9/16	8 5/8	4 23/32	3.7795	1.575	1				
	UCP317-307D1																
90	UCP318D1	118	430	330	110	33	45	45	235	120	96	40	M27				
	UCP318-307D1	4 1/8	16 5/8	13	4 1/2	1 5/16	1 25/32	1 25/32	9 1/4	4 23/32	3.7795	1.575	1				
	UCP318-308D1																
	UCP318-308D1																

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

UCP3

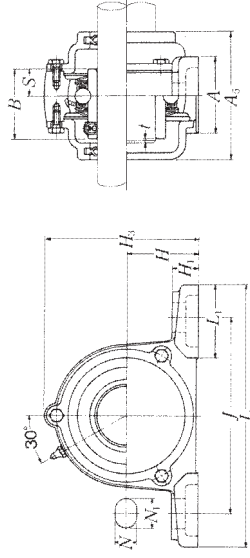
Pillow block unit, cast housing Set screw type



Cast dust cover type
Open end C-UCP...D1
Closed end CM-UCP...D1

Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch													Bolt size mm inch			
		H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B	S	A ₃	H ₃	A ₅	t	t _{max.}	
95	UCP319D1	125	470	360	120	36	50	45	250	125	103	41	M30					
3 ⁵ / ₁₆	UCP319-310D1																	
3 ¹ / ₁₆	UCP319-311D1	4 ⁵⁹ / ₆₄	18 ¹ / ₂	14 ³ / ₁₆	4 ²⁹ / ₃₂	1 ¹³ / ₃₂	1 ³¹ / ₃₂	1 ²⁵ / ₃₂	9 ²⁷ / ₃₂	4 ²⁹ / ₃₂	4.0551	1.614	1 ¹ / ₈					
3 ³ / ₄	UCP319-312D1																	
100	UCP320D1	140	490	380	120	36	50	50	275	130	108	42	M30					
3 ¹³ / ₁₆	UCP320-313D1																	
3 ⁷ / ₁₆	UCP320-314D1	5 ⁵⁹ / ₆₄	19 ⁹ / ₃₂	14 ⁴³ / ₃₂	4 ²⁹ / ₃₂	1 ¹³ / ₃₂	1 ³¹ / ₃₂	1 ²⁵ / ₃₂	10 ¹⁹ / ₁₆	5 ¹ / ₈	4.2520	1.654	1 ¹ / ₈					
3 ¹⁵ / ₁₆	UCP320-315D1																	
4	UCP320-400D1																	
105	UCP321D1	140	490	380	120	36	50	50	280	130	112	44	M30					
110	UCP322D1	150	520	400	140	40	55	55	300	135	117	46	M33					
120	UCP324D1	160	570	450	140	40	55	65	320	140	126	51	M33					
130	UCP326D1	180	600	480	140	40	55	75	355	140	135	54	M33					
140	UCP328D1	200	620	500	140	40	55	75	390	140	145	59	M33					

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

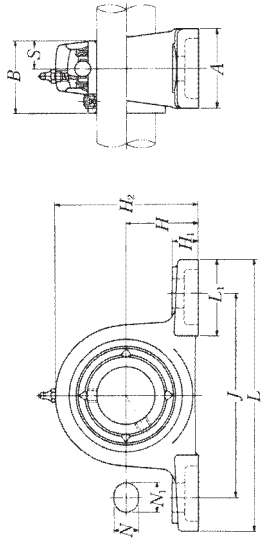


Cast dust cover type
Open end C-UCP...D1
Closed end CM-UCP...D1

Bearing number	Housing number	Unit number (1) cast dust cover type	Nominal dimensions mm inch			Mass of unit kg lb	
			t	H ₃	A ₅	UCP	C(CM)
UC319D1	P319D1	C(CM)-UCP319D1	5	258	180	26	32
UC319-310D1	P319D1	C(CM)-UCP319-310D1					
UC319-311D1	P319D1	C(CM)-UCP319-311D1	13 ³ / ₆₄	10 ⁵ / ₃₂	7 ³ / ₃₂	57	71
UC319-312D1	P319D1	C(CM)-UCP319-312D1					
UC320D1	P320D1	C(CM)-UCP320D1	5	283	190	33	39
UC320-313D1	P320D1	C(CM)-UCP320-313D1					
UC320-314D1	P320D1	C(CM)-UCP320-314D1	13 ³ / ₆₄	11 ⁵ / ₃₂	7 ¹⁵ / ₃₂	73	86
UC320-315D1	P320D1	C(CM)-UCP320-315D1					
UC320-400D1	P320D1	C(CM)-UCP320-400D1					
UC321D1	P321D1	C(CM)-UCP321D1	5	290	195	35	42
UC322D1	P322D1	C(CM)-UCP322D1	5	313	200	43	52
UC324D1	P324D1	C(CM)-UCP324D1	5	335	215	50	67
UC326D1	P326D1	C(CM)-UCP326D1	6	375	225	69	83
UC328D1	P328D1	C(CM)-UCP328D1	6	407	235	84	99

UCPX

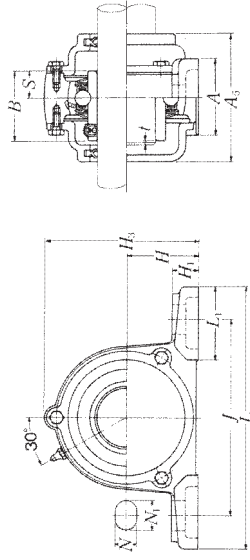
Pillow block unit, cast housing Set screw type



Cast dust cover type
Open end C-UCP...D1
Closed end CM-UCP...D1

Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch											Bolt size mm inch
		H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B	S	
25 1 ³ / ₈ 7/ ₈ 1 ⁵ / ₁₆ 1	UCPX05D1	44.4	159	119	51	17	20	18	85	50	38.1	15.9	M14
	UCPX05-013D1												
	UCPX05-014D1	1 ³ / ₄	6 ¹ / ₄	4 ¹¹ / ₁₆	2	2 ¹ / ₃₂	25/ ₃₂	2/ ₃₂	3 ¹ / ₃₂	1 ³ / ₃₂	1.5000	0.626	1/2
	UCPX05-015D1												
30 1 ¹ / ₁₆ 1 ¹ / ₈ 1 ³ / ₈ 1 ¹ / ₄	UCPX06D1	47.6	175	127	57	17	20	20	93	54	42.9	17.5	M14
	UCPX06-101D1												
	UCPX06-102D1	1 ¹ / ₈	6 ⁵ / ₈	5	2 ¹ / ₄	2 ¹ / ₃₂	25/ ₃₂	2/ ₃₂	3 ³ / ₃₂	2 ¹ / ₈	1.6890	0.689	1/2
	UCPX06-103D1												
35 1 ⁵ / ₁₆ 1 ³ / ₈ 1 ⁷ / ₈	UCPX07D1	54	203	144	57	17	20	21	105	60	49.2	19	M14
	UCPX07-105D1												
	UCPX07-106D1	2 ¹ / ₁₆	8	5 ²⁷ / ₃₂	2 ¹ / ₄	2 ¹ / ₃₂	25/ ₃₂	13/ ₁₆	4 ¹ / ₁₆	2 ³ / ₈	1.9370	0.748	1/2
	UCPX07-107D1												
40 1 ¹ / ₂ 1 ⁵ / ₈ 1 ⁹ / ₁₆	UCPX08D1	58.7	222	156	67	20	23	26	111	65	49.2	19	M16
	UCPX08-108D1	2 ⁵ / ₁₆	8 ³ / ₄	6 ⁵ / ₃₂	2 ⁵ / ₈	25/ ₃₂	29/ ₃₂	1 ¹ / ₃₂	4 ³ / ₈	2 ⁵ / ₁₆	1.9370	0.748	5/ ₈
	UCPX08-109D1												
	UCPX08-110D1												
45 1 ⁵ / ₈ 1 ¹ / ₂ 1 ³ / ₄ 1 ¹³ / ₁₆	UCPX09D1	58.7	222	156	67	20	23	26	116	65	51.6	19	M16
	UCPX09-110D1												
	UCPX09-111D1	2 ⁵ / ₁₆	8 ³ / ₄	6 ⁵ / ₃₂	2 ⁵ / ₈	25/ ₃₂	29/ ₃₂	1 ¹ / ₃₂	4 ¹ / ₁₆	2 ⁹ / ₁₆	2.0315	0.748	5/ ₈
	UCPX09-112D1												
50 1 ⁷ / ₈ 1 ¹ / ₂ 1 ³ / ₄ 2	UCPX10D1	63.5	241	171	73	20	23	27	126	70	55.6	22.2	M16
	UCPX10-114D1												
	UCPX10-115D1	2 ¹ / ₂	9 ¹ / ₂	6 ²⁹ / ₃₂	2 ⁷ / ₈	25/ ₃₂	29/ ₃₂	1 ¹ / ₁₆	4 ⁹ / ₃₂	2 ¹ / ₄	2.1890	0.874	5/ ₈
	UCPX10-200D1												

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

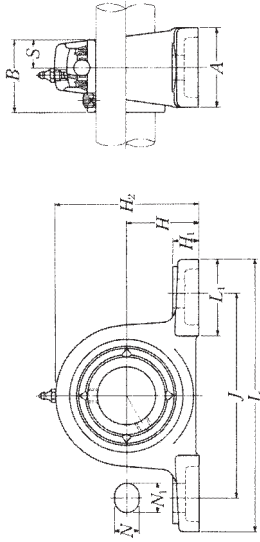


Cast dust cover type
Open end C-UCP...D1
Closed end CM-UCP...D1

Bearing number	Housing number	Unit number (1) cast dust cover type	Nominal dimensions mm inch			Mass of unit kg lb UCP C (M)	
			t max.	H ₃	A ₅		
UCX05D1	PX05D1	C(CM)-UCPX05D1	2	89	75	1.4	1.8
UCX05-013D1	PX05D1	C(CM)-UCPX05-013D1					
UCX05-014D1	PX05D1	C(CM)-UCPX05-014D1	5/ ₆₄	3 ¹ / ₂	2 ¹⁵ / ₁₆	3.1	4.0
UCX05-015D1	PX05D1	C(CM)-UCPX05-015D1					
UCX05-100D1	PX05D1	C(CM)-UCPX05-100D1					
UCX06D1	PX06D1	C(CM)-UCPX06D1	2	99	80	1.9	2.4
UCX06-101D1	PX06D1	C(CM)-UCPX06-101D1					
UCX06-102D1	PX06D1	C(CM)-UCPX06-102D1	5/ ₆₄	3 ²⁹ / ₃₂	3 ⁵ / ₃₂	4.2	5.3
UCX06-103D1	PX06D1	C(CM)-UCPX06-103D1					
UC207-104D1	PX06D1	C(CM)-UCPX06-104D1					
UCX07D1	PX07D1	C(CM)-UCPX07D1	3	110	90	2.4	3.3
UCX07-105D1	PX07D1	C(CM)-UCPX07-105D1					
UCX07-106D1	PX07D1	C(CM)-UCPX07-106D1	1/ ₈	4 ¹¹ / ₃₂	3 ¹⁷ / ₃₂	5.3	7.3
UCX07-107D1	PX07D1	C(CM)-UCPX07-107D1					
UCX08D1	PX08D1	C(CM)-UCPX08D1	3	118	95	2.9	3.8
UCX08-108D1	PX08D1	C(CM)-UCPX08-108D1	1/ ₈	4 ²¹ / ₃₂	3 ³ / ₄	6.4	8.4
UCX08-109D1	PX08D1	C(CM)-UCPX08-109D1					
UCX09D1	PX09D1	C(CM)-UCPX09D1	3	120	100	3.2	4.2
UCX09-110D1	PX09D1	C(CM)-UCPX09-110D1					
UCX09-111D1	PX09D1	C(CM)-UCPX09-111D1	1/ ₈	4 ²³ / ₃₂	3 ¹⁵ / ₁₆	7.1	9.3
UCX09-112D1	PX09D1	C(CM)-UCPX09-112D1					
UC210-113D1	PX09D1	C(CM)-UCPX09-113D1					
UCX10D1	PX10D1	C(CM)-UCPX10D1	3	130	100	4.1	5.4
UCX10-114D1	PX10D1	C(CM)-UCPX10-114D1					
UCX10-115D1	PX10D1	C(CM)-UCPX10-115D1	1/ ₈	5 ¹ / ₈	3 ⁵ / ₁₆	9.0	12
UC211-200D1	PX10D1	C(CM)-UCPX10-200D1					

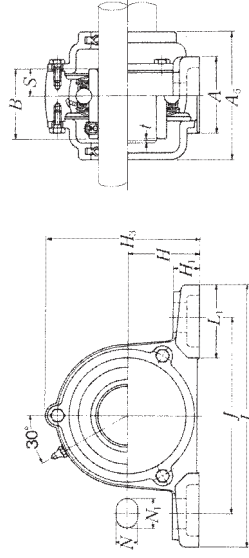
UCPX

Pillow block unit, cast housing Set screw type



Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch													Bolt size mm inch
		H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B	S			
55 2 1/8 2 1/8 2 1/8 2 1/8 2 1/8	UCPX11D1 UCPX11-201D1 UCPX11-202D1 UCPX11-203D1 UCPX11-204D1 UCPX11-205D1	69.8	260	184	79	25	28	30	137	75	65.1	25.4	M20		
60 2 3/8 2 3/8 2 3/8 2 3/8	UCPX12D1 UCPX12-206D1 UCPX12-207D1	76.2	286	203	83	25	28	33	151	80	65.1	25.4	M20		
65 2 1/2 2 1/2 2 1/2	UCPX13D1 UCPX13-208D1 UCPX13-209D1	76.2	286	203	83	25	28	33	154	80	74.6	30.2	M20		
70 2 3/8 2 3/8 2 3/8	UCPX14D1 UCPX14-210D1 UCPX14-211D1 UCPX14-212D1	88.9	330	229	89	27	30	35	170	95	77.8	33.3	M22		
75 2 3/8 2 3/8 2 3/8 3	UCPX15D1 UCPX15-213D1 UCPX15-214D1 UCPX15-215D1 UCPX15-300D1	88.9	330	229	89	27	30	35	175	95	82.6	33.3	M22		
80 3 1/8 3 1/8 3 1/8 3 1/8	UCPX16D1 UCPX16-301D1 UCPX16-302D1 UCPX16-303D1 UCPX16-304D1	101.6	381	283	102	27	30	40	194	110	85.7	34.1	M22		
85 3 3/8 3 3/8 3 3/8	UCPX17D1 UCPX17-305D1 UCPX17-307D1	101.6	381	283	102	27	30	40	200	110	96	39.7	M22		

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

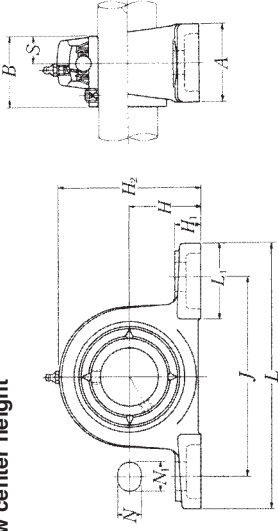


Cast dust cover type
Open end C-UCP...D1
Closed end CM-UCP...D1

Bearing number	Housing number	Unit number (1) cast dust cover type	Nominal dimensions mm inch			Mass of unit	
			t max.	H ₃	A ₅	kg lb	UCP C(CM)
UCX11D1 UCX11-201D1 UCX11-202D1 UCX11-203D1 UC212-204D1 UC212-205D1	PX11D1 PX11D1 PX11D1 PX11D1 PX11D1 PX11D1	C(CM)-UCPX11D1 C(CM)-UCPX11-201D1 C(CM)-UCPX11-202D1 C(CM)-UCPX11-203D1 C(CM)-UCPX11-204D1 C(CM)-UCPX11-205D1	4 5/32	144 5 21/32	115 4 17/32	5.4 12	6.9
UCX12D1 UCX12-206D1 UCX12-207D1	PX12D1 PX12D1 PX12D1	C(CM)-UCPX12D1 C(CM)-UCPX12-206D1 C(CM)-UCPX12-207D1	4 5/32	155 6 3/32	120 4 23/32	6.8 15	8.6
UCX13D1 UCX13-208D1 UCX13-209D1	PX13D1 PX13D1 PX13D1	C(CM)-UCPX13D1 C(CM)-UCPX13-208D1 C(CM)-UCPX13-209D1	4 5/32	159 6 1/4	135 5 5/16	7.2 16	9.4
UCX14D1 UCX14-210D1 UCX14-211D1 UCX14-212D1	PX14D1 PX14D1 PX14D1 PX14D1	C(CM)-UCPX14D1 C(CM)-UCPX14-210D1 C(CM)-UCPX14-211D1 C(CM)-UCPX14-212D1	4 5/32	175 6 5/8	135 5 5/16	9.3 21	12
UCX15D1 UCX15-213D1 UCX15-214D1 UCX15-215D1 UCX15-300D1	PX15D1 PX15D1 PX15D1 PX15D1 PX15D1	C(CM)-UCPX15D1 C(CM)-UCPX15-213D1 C(CM)-UCPX15-214D1 C(CM)-UCPX15-215D1 C(CM)-UCPX15-300D1	4 5/32	181 7 1/8	145 5 23/32	10 22	13
UCX16D1 UCX16-301D1 UCX16-302D1 UCX16-303D1 UC217-304D1	PX16D1 PX16D1 PX16D1 PX16D1 PX16D1	C(CM)-UCPX16D1 C(CM)-UCPX16-301D1 C(CM)-UCPX16-302D1 C(CM)-UCPX16-303D1 C(CM)-UCPX16-304D1	4 5/32	198 7 25/32	155 6 3/32	14 31	17
UCX17D1 UCX17-305D1 UCX17-307D1	PX17D1 PX17D1 PX17D1	C(CM)-UCPX17D1 C(CM)-UCPX17-305D1 C(CM)-UCPX17-307D1	5 13/64	204 8 1/32	165 6 1/2	15 33	19 42

UCPL2

Pillow block unit, cast housing low center height
Set screw type



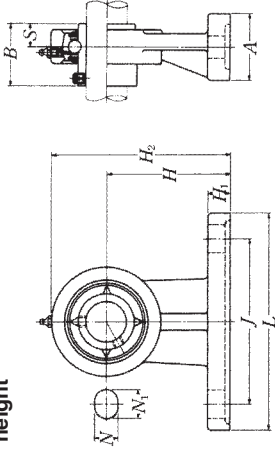
Shaft dia.	Unit number (1)	Nominal dimensions											Bolt size	
		mm inch											mm	inch
55	UCPL211D1	H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B	S	M16	
2	UCPL211-200D1	61.91	219	171	60	20	23	23	124	65	55.6	22.2		
2 ¹ / ₁₆	UCPL211-201D1	2 ⁷ / ₁₆	8 ⁵ / ₈	6 ²³ / ₃₂	2 ³ / ₈	2 ²⁵ / ₃₂	2 ²⁹ / ₃₂	2 ²⁹ / ₃₂	4 ⁷ / ₈	2 ⁹ / ₁₆	2.1890	0.874	5	5
2 ¹ / ₈	UCPL211-202D1													
2 ³ / ₁₆	UCPL211-203D1													
60	UCPL212D1	H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B	S	M16	
2 ¹ / ₄	UCPL212-204D1	68.26	241	184	70	20	23	25	136	70	65.1	25.4		
2 ⁵ / ₁₆	UCPL212-205D1	2 ¹ / ₁₆	9 ¹ / ₂	7 ¹ / ₄	2 ³ / ₄	2 ²⁹ / ₃₂	2 ²⁹ / ₃₂	3 ¹ / ₃₂	5 ¹¹ / ₃₂	2 ³ / ₄	2.5630	1.000	5	5
2 ³ / ₈	UCPL212-206D1													
2 ⁷ / ₁₆	UCPL212-207D1													

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit	
		kg	lb
UC211D1	PL211D1	3.4	
UC211-200D1	PL211D1		
UC211-201D1	PL211D1		
UC211-202D1	PL211D1	7.5	
UC211-203D1	PL211D1		
UC212D1	PL212D1	4.7	
UC212-204D1	PL212D1		
UC212-205D1	PL212D1		
UC212-206D1	PL212D1	10	
UC212-207D1	PL212D1		

UCHP2

Pillow block unit, cast housing low center height
Set screw type



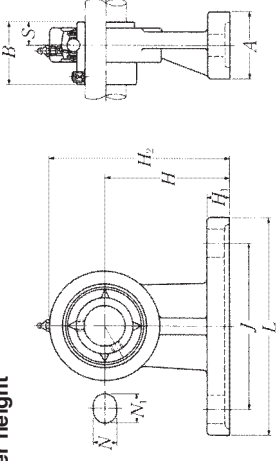
Shaft dia. mm inch	Unit number (1)	Nominal dimensions													Bolt size	
		H	L	J	A	N	N ₁	H ₁	H ₂	B	S	mm	inch			
12 1/2	UCHP201D1	70	127	95	40	13	19	13	101	31	12.7	M10				
	UCHP201-008D1	2 3/4	5	3 3/4	1 5/16	1/2	3/4	1/2	3 3/8	1.2205	0.500	3/8				
15 9/16 5/8	UCHP202D1	70	127	95	40	13	19	13	101	31	12.7	M10				
	UCHP202-009D1	2 3/4	5	3 3/4	1 9/16	1/2	3/4	1/2	3 3/8	1.2205	0.500	3/8				
17 11/16	UCHP203D1	70	127	95	40	13	19	13	101	31	12.7	M10				
	UCHP203-011D1	2 3/4	5	3 3/4	1 9/16	1/2	3/4	1/2	3 3/8	1.2205	0.500	3/8				
20 3/4	UCHP204D1	70	127	95	40	13	19	13	101	31	12.7	M10				
	UCHP204-012D1	2 3/4	5	3 3/4	1 9/16	1/2	3/4	1/2	3 3/8	1.2205	0.500	3/8				
25 19/16 7/8 15/16 1	UCHP205D1	80	142	105	50	13	19	13	114	34.1	14.3	M10				
	UCHP205-013D1	3 1/8	5 9/16	4 1/8	1 3/8	1/2	3/4	1/2	4 1/2	1.3425	0.563	3/8				
	UCHP205-014D1															
	UCHP205-015D1															
30 1 1/4	UCHP206D1	90	165	120	50	17	21	16	130	38.1	15.9	M14				
	UCHP206-101D1	1 1/8	6 1/2	4 23/32	1 31/32	21/32	19/16	5/8	5 1/8	1.5000	0.626	1/2				
	UCHP206-102D1															
	UCHP206-103D1															
35 1 1/4	UCHP207D1	95	166	127	60	17	21	18	140	42.9	17.5	M14				
	UCHP207-104D1	1 1/4	6 7/16	5	2 3/8	21/32	19/16	23/32	5 1/2	1.6890	0.689	1/2				
	UCHP207-105D1															
	UCHP207-106D1															
40 1 1/2 1 5/8	UCHP208D1	100	184	136	70	17	21	20	150	49.2	19	M14				
	UCHP208-108D1	3 15/16	7 1/4	5 11/16	2 3/4	21/32	19/16	25/32	5 5/8	1.9370	0.748	1/2				

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UC201D1	HP204D1	0.9
UC201-008D1	HP204D1	2.0
UC202D1	HP204D1	0.9
UC202-009D1	HP204D1	2.0
UC202-010D1	HP204D1	
UC203D1	HP204D1	0.9
UC203-011D1	HP204D1	2.0
UC204D1	HP204D1	0.9
UC204-012D1	HP204D1	2.0
UC205D1	HP205D1	1.2
UC205-013D1	HP205D1	
UC205-014D1	HP205D1	2.6
UC205-015D1	HP205D1	
UC205-100D1	HP205D1	
UC206D1	HP206D1	1.8
UC206-101D1	HP206D1	
UC206-102D1	HP206D1	4.0
UC206-103D1	HP206D1	
UC206-104D1	HP206D1	
UC207D1	HP207D1	2.3
UC207-104D1	HP207D1	
UC207-105D1	HP207D1	5.1
UC207-106D1	HP207D1	
UC207-107D1	HP207D1	
UC208D1	HP208D1	3.2
UC208-108D1	HP208D1	7.1
UC208-109D1	HP208D1	

UCHP2

Pillow block unit, cast housing low center height
Set screw type



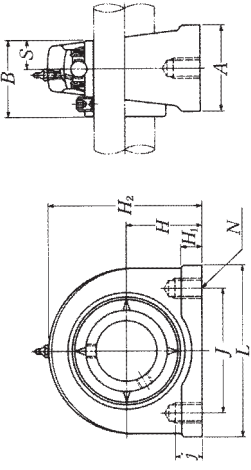
Shaft dia.	Unit number (1)	Nominal dimensions											Bolt size
		mm inch											
45	UCHP209D1	H	L	J	A	N	N ₁	H ₁	H ₂	B	S		M14
1 ⁵ / ₁₆	UCHP209-110D1	105	190	146	70	17	22	20	158	49.2	19		
1 ¹ / ₁₆	UCHP209-111D1	4 ⁹ / ₆₄	7 ¹⁵ / ₃₂	5 ³ / ₄	2 ³ / ₄	2 ¹ / ₃₂	7 ¹ / ₈	26 ¹ / ₃₂	6 ⁷ / ₃₂	1.9370	0.748		1/2
1 ³ / ₄	UCHP209-112D1												
50	UCHP210D1	H	L	J	A	N	N ₁	H ₁	H ₂	B	S		M16
1 ³ / ₁₆	UCHP210-113D1	110	206	159	70	20	22	22	165	51.6	19		
1 ⁷ / ₁₆	UCHP210-114D1	4 ² / ₆₄	8 ¹ / ₈	6 ¹ / ₄	2 ³ / ₄	25 ¹ / ₃₂	7 ¹ / ₈	7 ¹ / ₈	6 ¹ / ₂	2.0315	0.748		5/8
1 ⁵ / ₁₆	UCHP210-115D1												
2	UCHP210-200D1												

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit	
			kg
UC209D1	HP209D1	3.5	
UC209-110D1	HP209D1		
UC209-111D1	HP209D1	7.7	
UC209-112D1	HP209D1		
UC210D1	HP210D1	3.9	
UC210-113D1	HP210D1		
UC210-114D1	HP210D1	8.6	
UC210-115D1	HP210D1		
UC210-200D1	HP210D1		

UCUP2

Narrow pillow block unit, cast housing
Set screw type



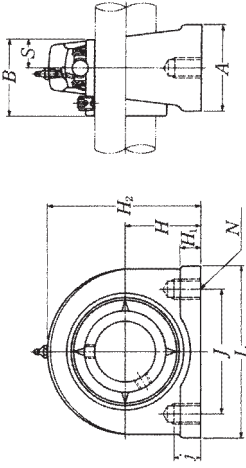
Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch											
		H	L	J	A	J	A	J	H ₁	H ₂	B	S	N
12 1/2	UCUP201D1	30.2	76	52	38	13	11	62	31	12.7	M10×1.5	0.6	1.3
	UCUP201-008D1	1 ³ / ₁₆	3	2 ¹ / ₁₆	1 ¹ / ₂	1/2	7/16	2 ⁷ / ₁₆	1.2205	0.500			
15 9/16 5/8	UCUP202D1	30.2	76	52	38	13	11	62	31	12.7	M10×1.5	0.6	1.3
	UCUP202-009D1	1 ³ / ₁₆	3	2 ¹ / ₁₆	1 ¹ / ₂	1/2	7/16	2 ⁷ / ₁₆	1.2205	0.500			
17 11/16	UCUP203D1	30.2	76	52	38	13	11	62	31	12.7	M10×1.5	0.6	1.3
	UCUP203-011D1	1 ³ / ₁₆	3	2 ¹ / ₁₆	1 ¹ / ₂	1/2	7/16	2 ⁷ / ₁₆	1.2205	0.500			
20 3/4	UCUP204D1	30.2	76	52	38	13	11	62	31	12.7	M10×1.5	0.6	1.3
	UCUP204-012D1	1 ³ / ₁₆	3	2 ¹ / ₁₆	1 ¹ / ₂	1/2	7/16	2 ⁷ / ₁₆	1.2205	0.500			
25 19/16 7/8 15/16 1	UCUP205D1	36.5	84	56	38	15	12	72	34.1	14.3	M10×1.5	0.7	1.5
	UCUP205-013D1	1 ⁷ / ₁₆	3 ⁵ / ₁₆	2 ⁷ / ₁₆	1 ¹ / ₂	19/32	15/32	2 ²⁷ / ₃₂	1.3425	0.563			
	UCUP205-014D1												
	UCUP205-015D1												
	UCUP205-100D1												
30 1 1/16 1 1/8 1 1/4	UCUP206D1	42.9	94	66	48	18	12	84	38.1	15.9	M14×2	1.1	2.4
	UCUP206-101D1	1 ⁷ / ₁₆	3 ¹ / ₁₆	2 ⁹ / ₁₆	1 ⁷ / ₈	23/32	15/32	3 ³ / ₁₆	1.5000	0.629			
	UCUP206-102D1												
	UCUP206-103D1												
	UCUP206-104D1												
35 1 1/4 1 5/8 1 3/4 1 7/8	UCUP207D1	47.6	110	80	48	20	13	95	42.9	17.5	M14×2	1.6	3.5
	UCUP207-104D1	1 ⁷ / ₈	4 ¹ / ₂	3 ⁵ / ₁₆	1 ⁷ / ₈	25/32	1/2	3 ³ / ₄	1.6890	0.689			
	UCUP207-105D1												
	UCUP207-106D1												
	UCUP207-107D1												
40 1 1/2 1 5/8	UCUP208D1	49.2	116	84	54	20	13	100	49.2	19	M14×2	1.8	4.0
	UCUP208-108D1	1 ¹⁵ / ₁₆	4 ⁹ / ₁₆	3 ⁵ / ₁₆	2 ¹ / ₈	25/32	1/2	3 ¹⁵ / ₁₆	1.9370	0.748			
	UCUP208-109D1												

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UC201D1	UP204D1	0.6
UC201-008D1	UP204D1	1.3
UC202D1	UP204D1	0.6
UC202-009D1	UP204D1	1.3
UC202-010D1	UP204D1	
UC203D1	UP204D1	0.6
UC203-011D1	UP204D1	1.3
UC204D1	UP204D1	0.6
UC204-012D1	UP204D1	1.3
UC205D1	UP205D1	0.7
UC205-013D1	UP205D1	
UC205-014D1	UP205D1	
UC205-015D1	UP205D1	1.5
UC205-100D1	UP205D1	
UC206D1	UP206D1	1.1
UC206-101D1	UP206D1	
UC206-102D1	UP206D1	
UC206-103D1	UP206D1	2.4
UC206-104D1	UP206D1	
UC207D1	UP207D1	1.6
UC207-104D1	UP207D1	
UC207-105D1	UP207D1	
UC207-106D1	UP207D1	3.5
UC207-107D1	UP207D1	
UC208D1	UP208D1	1.8
UC208-108D1	UP208D1	
UC208-109D1	UP208D1	4.0

UCUP2

Narrow pillow block unit, cast housing
Set screw type



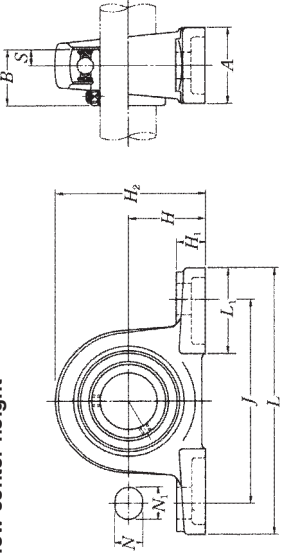
Shaft dia. mm inch	Unit number (1)	Nominal dimensions											
		H	L	J	A	J	A	J	H ₁	H ₂	B	S	N
45 1 ⁵ / ₁₆	UCUP209D1	54.2	120	90	54	25	13	108	49.2	19	M14×2		
1 ¹ / ₁₆	UCUP209-110D1	2 ⁹ / ₆₄	4 ²³ / ₃₂	3 ⁷ / ₃₂	2 ¹ / ₈	3 ¹ / ₃₂	1/2	4 ¹ / ₄	1.9370	0.748			
1 ¹ / ₄	UCUP209-111D1												
	UCUP209-112D1												
50 1 ³ / ₁₆	UCUP210D1	57.2	130	94	60	25	14	116	51.6	19	M16×2		
1 ¹ / ₈	UCUP210-113D1												
1 ¹ / ₁₆	UCUP210-114D1	2 ¹ / ₄	5 ¹ / ₈	3 ¹ / ₁₆	2 ³ / ₈	3 ¹ / ₃₂	9/16	4 ⁹ / ₁₆	2.0315	0.748			
1 ⁵ / ₁₆	UCUP210-115D1												
2	UCUP210-200D1												

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UC209D1	UP209D1	2.1
UC209-110D1	UP209D1	
UC209-111D1	UP209D1	4.6
UC209-112D1	UP209D1	
UC210D1	UP210D1	2.6
UC210-113D1	UP210D1	
UC210-114D1	UP210D1	5.7
UC210-115D1	UP210D1	
UC210-200D1	UP210D1	

ASPL2

Pillow block unit, cast housing low center height
Set screw type



Shaft dia. mm inch	Unit number (1)(2)(3)	Nominal dimensions mm inch													Bolt size mm inch	
		H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B	S				
12 1/2	ASPL201	26.99	121	89	35	11	14	13	54	40	22	6	M10			
	ASPL201-008	1 1/16	4 3/4	3 1/2	1 3/8	7/16	9/16	1/2	2 1/8	1 9/16	0.8661	0.236	3/8			
15 9/16 5/8	ASPL202	26.99	121	89	35	11	14	13	54	40	22	6	M10			
	ASPL202-009 ASPL202-010	1 1/16	4 3/4	3 1/2	1 3/8	7/16	9/16	1/2	2 1/8	1 9/16	0.8661	0.236	3/8			
17 11/16	ASPL203	26.99	121	89	35	11	14	13	54	40	22	6	M10			
	ASPL203-011	1 1/16	4 3/4	3 1/2	1 3/8	7/16	9/16	1/2	2 1/8	1 9/16	0.8661	0.236	3/8			
20 3/4	ASPL204	31.75	127	95	38	13	16	14	64	42	25	7	M10			
	ASPL204-012	1 1/4	5	3 3/4	1 1/2	1/2	5/8	9/16	2 17/32	1 21/32	0.9843	0.276	3/8			
25 19/16 7/8 15/16 1	ASPL205	33.34	140	105	38	13	16	15	68	42	27	7.5	M10			
	ASPL205-013															
	ASPL205-014	1 5/16	5 1/2	4 1/8	1 1/2	1/2	5/8	19/32	2 11/16	1 9/32	1.0630	0.295	3/8			
	ASPL205-015 ASPL205-100															
30 1 1/8 1 1/8 1 1/8 1 1/4	ASPL206	39.69	165	121	48	17	20	17	80	54	29	8	M14			
	ASPL206-101															
	ASPL206-102	1 3/8	6 1/2	4 3/4	1 7/8	21/32	25/32	21/32	3 5/32	2 1/8	1.1417	0.315	1/2			
	ASPL206-103 ASPL206-104															
35 1 1/4 1 5/8 1 3/8 1 7/8	ASPL207	46.04	167	127	48	17	20	18	91	54	34	8.5	M14			
	ASPL207-104															
	ASPL207-105	1 5/8	6 9/16	5	1 7/8	21/32	25/32	23/32	3 19/32	2 1/8	1.3386	0.335	1/2			
	ASPL207-106 ASPL207-107															
40 1 1/2 1 5/8	ASP208	49.2	184	137	54	17	20	18	98	52	38	9	M14			
	ASP208-108 ASP208-109	1 5/8	7 1/4	5 13/32	2 1/8	21/32	25/32	23/32	3 27/32	2 1/8	1.4961	0.354	1/2			

Notes (1) ASPL201 to ASPL205 has solid bases.

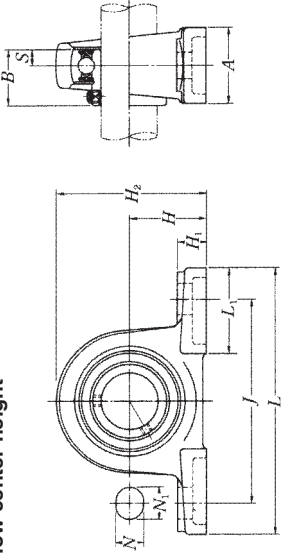
(2) If relubricatable type is needed, please order with suffix "D1".

(3) ASPL208 has the same dimension as ASP208.

Bearing number (4)	Housing number (4)	Mass of unit kg lb
AS201	PL201	0.5
AS201-008	PL201	1.1
AS202	PL201	0.5
AS202-009	PL201	1.1
AS202-010	PL201	
AS203	PL201	0.5
AS203-011	PL201	1.1
AS204	PL204	0.7
AS204-012	PL204	1.5
AS205	PL205	0.8
AS205-013	PL205	
AS205-014	PL205	1.8
AS205-015	PL205	
AS205-100	PL205	
AS206	PL206	1.2
AS206-101	PL206	
AS206-102	PL206	2.6
AS206-103	PL206	
AS206-104	PL206	
AS207	PL207	1.5
AS207-104	PL207	
AS207-105	PL207	3.3
AS207-106	PL207	
AS207-107	PL207	
AS208	P208	1.8
AS208-108	P208	4.0
AS208-109	P208	

ASPL2

Pillow block unit, cast housing low center height
Set screw type



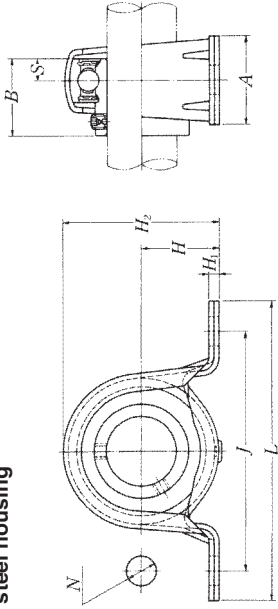
Shaft dia.	Unit number (1)	Nominal dimensions														Bolt size	
		mm inch														mm	inch
45	ASPL209	H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B	S	M14				
1 ⁵ / ₁₆	ASPL209-110	52.39	190	146	54	17	20	20	104	60	40	9.5					
1 ¹ / ₁₆	ASPL209-111	2 ¹ / ₁₆	7 ¹⁵ / ₃₂	5 ³ / ₄	2 ¹ / ₈	2 ¹ / ₃₂	25 ²⁵ / ₃₂	4 ³ / ₃₂	2 ³ / ₁₆	1.578	0.374	1/2					
1 ³ / ₄	ASPL209-112																
50	ASPL210	H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B	S	M16				
1 ³ / ₁₆	ASPL210-113	55.56	206	159	60	20	23	21	112	65	42	10					
1 ¹ / ₁₆	ASPL210-114	2 ³ / ₁₆	8 ¹ / ₈	6 ¹ / ₄	2 ³ / ₈	25 ²⁵ / ₃₂	19 ¹⁹ / ₃₂	4 ¹⁹ / ₃₂	2 ⁹ / ₁₆	1.635	0.394	5/8					
1 ¹⁵ / ₁₆	ASPL210-115																
2	ASPL210-200																

Note (1) If relubricatable type is needed, please order with suffix "D1".

Bearing number (1)	Housing number (1)	Mass of unit
		kg lb
AS209	PL209	2.0
AS209-110	PL209	4.4
AS209-111	PL209	
AS209-112	PL209	
AS210	PL210	2.6
AS210-113	PL210	
AS210-114	PL210	5.7
AS210-115	PL210	
AS210-200	PL210	

ASPP2

Pillow block unit, pressed steel housing Set screw type



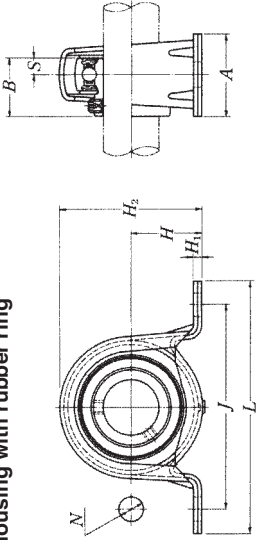
Shaft dia. mm inch	Unit number	Nominal dimensions mm inch											Bolt size	
		H	L	J	A	N	H ₁	H ₂	B	S	mm	inch		
12 1/2	ASPP201	22.2	86	68	25	9.5	3.2	43.8	22	6	M8			
	ASPP201-008	7/8	3 3/8	2 1/16	31/32	3/8	0.126	1 23/32	0.8661	0.236	5/16			
15 9/16 5/8	ASPP202	22.2	86	68	25	9.5	3.2	43.8	22	6	M8			
	ASPP202-009 ASPP202-010	7/8	3 3/8	2 1/16	31/32	3/8	0.126	1 23/32	0.8661	0.236	5/16			
17 11/16	ASPP203	22.2	86	68	25	9.5	3.2	43.8	22	6	M8			
	ASPP203-011	7/8	3 3/8	2 1/16	31/32	3/8	0.126	1 23/32	0.8661	0.236	5/16			
20 3/4	ASPP204	25.4	98	76	32	9.5	3.2	50.5	25	7	M8			
	ASPP204-012	1	3 7/32	3	1 1/4	3/8	0.126	2	0.9843	0.276	5/16			
25 1 1/8 7/8 1 1/16 1	ASPP205	28.6	108	86	32	11.5	4	56.6	27	7.5	M10			
	ASPP205-013													
	ASPP205-014	1 1/8	4 1/4	3 3/8	1 1/4	29/64	0.157	2 7/32	1.0630	0.285	3/8			
	ASPP205-015													
	ASPP205-100													
30 1 1/8 1 1/8 1 1/8 1 1/4	ASPP206	33.3	117	95	38	11.5	4	66.3	29	8	M10			
	ASPP206-101													
	ASPP206-102	1 5/16	4 19/32	3 3/4	1 1/2	29/64	0.157	2 5/8	1.1417	0.315	3/8			
	ASPP206-103 ASPP206-104													
35 1 1/4 1 5/8 1 5/8 1 7/8	ASPP207	39.7	129	106	42	11.5	4.6	78	34	8.5	M10			
	ASPP207-104													
	ASPP207-105	1 9/16	5 3/32	4 3/16	1 21/32	29/64	0.181	3 1/16	1.3386	0.335	3/8			
	ASPP207-106													
	ASPP207-107													

Note (1) The permissible load only applies in applications where the load is stable and the speed is 2400 min⁻¹ or less. The mounting surface should be flat.

Max. load (1) N lbf	Bearing number	Housing number	Mass of unit kg lb
2 000 440	AS201	PP203	0.2
	AS201-008	PP203	0.4
2 000 440	AS202	PP203	0.2
	AS202-009 AS202-010	PP203 PP203	0.4
2 000 440	AS203	PP203	0.1
	AS203-011	PP203	0.2
2 500 550	AS204	PP204	0.2
	AS204-012	PP204	0.4
3 500 770	AS205	PP205	0.3
	AS205-013	PP205	
	AS205-014	PP205	0.7
	AS205-015	PP205	
	AS205-100	PP205	
4 000 880	AS206	PP206	0.4
	AS206-101	PP206	
	AS206-102	PP206	0.9
	AS206-103 AS206-104	PP206 PP206	
4 500 990	AS207	PP207	0.6
	AS207-104 AS207-105 AS207-106	PP207 PP207 PP207	1.3
	AS207-107	PP207	

ASRPP2

Pillow block unit, pressed steel housing with rubber ring
Set screw type



Shaft dia.	Unit number	Nominal dimensions											Bolt size		
		mm inch											mm	inch	
		H	L	J	A	N	H ₁	H ₂	H	H ₁	H ₂	B	S		
12	ASRPP201	25.4	98	76	32	9.5	3.2	50.5	6			22	6	M8	
1/2	ASRPP201-008	1	3 ²⁷ / ₃₂	3	1 ¹ / ₄	3/8	0.126	2	0.8661	0.236	5/16	0.236	5/16		
15	ASRPP202	25.4	98	76	32	9.5	3.2	50.5	6			22	6	M8	
9/16	ASRPP202-009	1	3 ²⁷ / ₃₂	3	1 ¹ / ₄	3/8	0.126	2	0.8661	0.236	5/16	0.236	5/16		
5/8	ASRPP202-010														
17	ASRPP203	25.4	98	76	32	9.5	3.2	50.5	22	6		22	6	M8	
11/16	ASRPP203-011	1	3 ²⁷ / ₃₂	3	1 ¹ / ₄	3/8	0.126	2	0.8661	0.236	5/16	0.236	5/16		
20	ASRPP204	28.6	108	86	32	11.5	4	56.6	25	7		25	7	M10	
3/4	ASRPP204-012	1 ¹ / ₈	4 ¹ / ₄	3 ³ / ₈	1 ¹ / ₄	29/64	0.157	2 ¹ / ₃₂	0.9843	0.276	3/8	0.276	3/8		
25	ASRPP205	33.3	117	95	38	11.5	4	66.3	27	7.5		27	7.5	M10	
19/16	ASRPP205-013														
7/8	ASRPP205-014	1 ⁵ / ₁₆	4 ¹⁹ / ₃₂	3 ³ / ₄	1 ¹ / ₂	29/64	0.157	2 ⁵ / ₈	1.0630	0.295	3/8	0.295	3/8		
15/16	ASRPP205-015														
1	ASRPP205-100														
30	ASRPP206	39.7	129	106	42	11.5	4.6	78	29	8		29	8	M10	
1 ¹ / ₁₆	ASRPP206-101														
1 ¹ / ₈	ASRPP206-102	1 ⁹ / ₁₆	5 ³ / ₃₂	4 ³ / ₁₆	1 ²¹ / ₃₂	29/64	0.181	3 ¹ / ₁₆	1.1417	0.315	3/8	0.315	3/8		
1 ¹ / ₁₆	ASRPP206-103														
1 ¹ / ₄	ASRPP206-104														

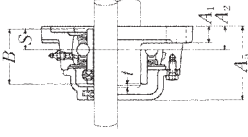
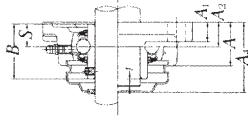
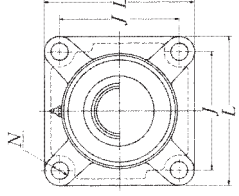
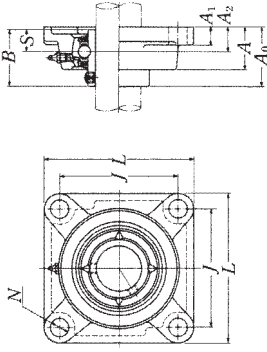
Note (1) The permissible load only applies in applications where the load is stable and the speed is 2400 min⁻¹ or less. The mounting surface should be flat.

Remarks When an anti-vibration rubber ring is used, the self-alignment capability will be reduced.

Max. load recommended	Bearing number	Housing number		Mass of unit
		rubber ring	steel	
N lbf				kg lb
1000	AS201	R201	PP204	0.2
220	AS201-008	R201	PP204	0.4
1000	AS202	R201	PP204	0.2
220	AS202-009	R201	PP204	0.4
220	AS202-010	R201	PP204	0.4
1000	AS203	R201	PP204	0.2
220	AS203-011	R201	PP204	0.4
1150	AS204	R204	PP205	0.3
250	AS204-012	R204	PP205	0.7
1300	AS205	R205	PP206	0.4
	AS205-013	R205	PP206	
	AS205-014	R205	PP206	
280	AS205-015	R205	PP206	0.9
	AS205-100	R205	PP206	
1500	AS206	R206	PP207	0.5
	AS206-101	R206	PP207	
	AS206-102	R206	PP207	
330	AS206-103	R206	PP207	1.1
	AS206-104	R206	PP207	

UCF2

Square flanged unit, cast housing Set screw type



Pressed steel dust cover type
Open end Z-UCF...D1
Closed end ZM-UCF...D1

Cast dust cover type
Open end C-UCF...D1
Closed end CM-UCF...D1

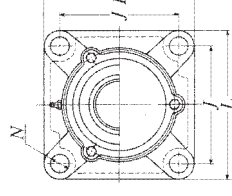
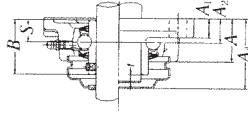
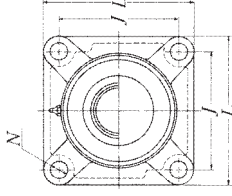
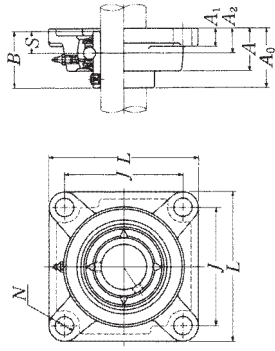
Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch										Bolt size mm inch	Bearing number
		L	J	A ₂	A ₁	A	N	A ₀	B	S			
12 1/2	UCF201D1	86	64	15	11	25.5	12	33.3	31	12.7		M10	UC201D1
	UCF201-008D1	3 3/8	2 3/8	5/8	7/8	1	15/32	1 1/16	1.2205	0.500		3/8	UC201-008D1
15 9/16 5/8	UCF202D1	86	64	15	11	25.5	12	33.3	31	12.7		M10	UC202D1
	UCF202-009D1	3 3/8	2 3/8	5/8	7/8	1	15/32	1 1/16	1.2205	0.500		3/8	UC202-009D1
17 11/16	UCF203D1	86	64	15	11	25.5	12	33.3	31	12.7		M10	UC203D1
	UCF203-011D1	3 3/8	2 3/8	5/8	7/8	1	15/32	1 1/16	1.2205	0.500		3/8	UC203-011D1
20 3/4	UCF204D1	86	64	15	11	25.5	12	33.3	31	12.7		M10	UC204D1
	UCF204-012D1	3 3/8	2 3/8	5/8	7/8	1	15/32	1 1/16	1.2205	0.500		3/8	UC204-012D1
25 19/16 7/8 15/16	UCF205D1	95	70	16	13	27	12	35.8	34.1	14.3		M10	UC205D1
	UCF205-013D1	3 3/4	2 3/4	5/8	1 1/2	1 1/8	15/32	1 13/32	1.3425	0.563		3/8	UC205-013D1
30 1 1/8	UCF206D1	108	83	18	13	31	12	40.2	38.1	15.9		M10	UC206D1
	UCF206-101D1	4 1/4	3 3/8	45/64	1/2	1 1/8	15/32	1 37/64	1.5000	0.626		3/8	UC206-101D1
35 1 1/8	UCF207D1	117	92	19	15	34	14	44.4	42.9	17.5		M12	UC207D1
	UCF207-104D1	4 9/32	3 5/8	3/4	1 9/32	1 1/8	35/64	1 3/4	1.6890	0.689		7/16	UC207-104D1
40 1 1/2	UCF208D1	130	102	21	15	36	16	51.2	49.2	19		M14	UC208D1
	UCF208-108D1	5 1/8	4 1/8	53/64	1 13/32	1 5/8	19/32	2 1/8	1.9370	0.748		1/2	UC208-108D1
45 1 5/8	UCF209D1	137	105	22	16	38	16	52.2	49.2	19		M14	UC209D1
	UCF209-110D1	5 3/8	4 3/8	55/64	1 5/8	1 1/2	5/8	2 1/8	1.9370	0.748		1/2	UC209-110D1
1 3/4	UCF209-111D1												UC209-111D1
	UCF209-112D1												UC209-112D1

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Housing number	Unit number (1) pressed steel dust cover type	Unit number (1) cast dust cover type	Nominal dimensions mm inch				Mass of unit kg lb	
			t max.	A ₄	A ₅	C(CM)		
F204D1	Z(ZM)-UCF201D1	C(CM)-UCF201D1	2	38	46	0.6	0.8	
F204D1	Z(ZM)-UCF201-008D1	C(CM)-UCF201-008D1	5/64	1/2	1 13/16	1.3	1.8	
F204D1	Z(ZM)-UCF202D1	C(CM)-UCF202D1	2	38	46	0.6	0.8	
F204D1	Z(ZM)-UCF202-009D1	C(CM)-UCF202-009D1	5/64	1/2	1 13/16	1.3	1.8	
F204D1	Z(ZM)-UCF202-010D1	C(CM)-UCF202-010D1						
F204D1	Z(ZM)-UCF203D1	C(CM)-UCF203D1	2	38	46	0.6	0.8	
F204D1	Z(ZM)-UCF203-011D1	C(CM)-UCF203-011D1	5/64	1/2	1 13/16	1.3	1.8	
F204D1	Z(ZM)-UCF204D1	C(CM)-UCF204D1	2	38	46	0.6	0.7	
F204D1	Z(ZM)-UCF204-012D1	C(CM)-UCF204-012D1	5/64	1/2	1 13/16	1.3	1.5	
F205D1	Z(ZM)-UCF205D1	C(CM)-UCF205D1	2	40	51	0.8	0.9	
F205D1	Z(ZM)-UCF205-013D1	C(CM)-UCF205-013D1						
F205D1	Z(ZM)-UCF205-014D1	C(CM)-UCF205-014D1	5/64	1 9/32	2	1.8	2.0	
F205D1	Z(ZM)-UCF205-015D1	C(CM)-UCF205-015D1						
F205D1	Z(ZM)-UCF205-100D1	C(CM)-UCF205-100D1						
F206D1	Z(ZM)-UCF206D1	C(CM)-UCF206D1	2	45	56	1.1	1.3	
F206D1	Z(ZM)-UCF206-101D1	C(CM)-UCF206-101D1						
F206D1	Z(ZM)-UCF206-102D1	C(CM)-UCF206-102D1	5/64	1 3/4	2 7/32	2.4	2.9	
F206D1	Z(ZM)-UCF206-103D1	C(CM)-UCF206-103D1						
F206D1	Z(ZM)-UCF206-104D1	C(CM)-UCF206-104D1						
F207D1	Z(ZM)-UCF207D1	C(CM)-UCF207D1	3	49	59	1.5	1.8	
F207D1	Z(ZM)-UCF207-104D1	C(CM)-UCF207-104D1						
F207D1	Z(ZM)-UCF207-105D1	C(CM)-UCF207-105D1	1/8	1 5/16	2 5/16	3.3	4.0	
F207D1	Z(ZM)-UCF207-106D1	C(CM)-UCF207-106D1						
F207D1	Z(ZM)-UCF207-107D1	C(CM)-UCF207-107D1						
F208D1	Z(ZM)-UCF208D1	C(CM)-UCF208D1	3	56	66	1.7	2.2	
F208D1	Z(ZM)-UCF208-108D1	C(CM)-UCF208-108D1	1/8	2 3/16	2 9/32	3.7	4.9	
F208D1	Z(ZM)-UCF208-109D1	C(CM)-UCF208-109D1						
F209D1	Z(ZM)-UCF209D1	C(CM)-UCF209D1	3	57	70	2.1	2.6	
F209D1	Z(ZM)-UCF209-110D1	C(CM)-UCF209-110D1						
F209D1	Z(ZM)-UCF209-111D1	C(CM)-UCF209-111D1	1/8	2 1/4	2 3/4	4.6	5.7	
F209D1	Z(ZM)-UCF209-112D1	C(CM)-UCF209-112D1						

UCF2

Square flanged unit, cast housing Set screw type



Pressed steel dust cover type
Open end Z-UCF...D1
Closed end ZM-UCF...D1

Cast dust cover type
Open end C-UCF...D1
Closed end CM-UCF...D1

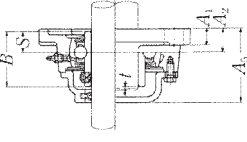
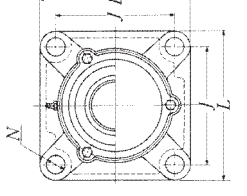
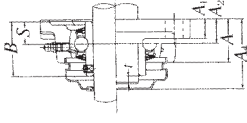
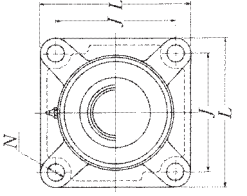
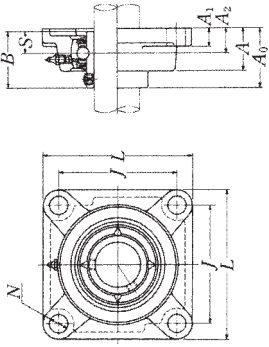
Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch										Bolt size mm inch	Bearing number
		L	J	A ₂	A ₁	A	N	A ₀	B	S			
50	UCF210D1	143	111	22	16	40	16	54.6	51.6	19	M14	UC210D1	
	UCF210-113D1											UC210-113D1	
	UCF210-114D1	5 ⁵ / ₈	4 ³ / ₈	55 ⁵⁵ / ₆₄	5 ⁵ / ₈	1 ⁹ / ₁₆	5 ⁵ / ₈	2 ⁵ / ₃₂	2.0315	0.748	1 ¹ / ₂	UC210-114D1	
	UCF210-115D1											UC210-115D1	
55	UCF210-200D1											UC210-200D1	
	UCF211D1	162	130	25	18	43	19	58.4	55.6	22.2	M16	UC211D1	
	UCF211-200D1											UC211-200D1	
	UCF211-201D1	6 ³ / ₈	5 ¹ / ₈	63 ⁶³ / ₆₄	23 ²³ / ₃₂	1 ¹¹ / ₁₆	3 ³ / ₄	2 ¹⁹ / ₆₄	2.1890	0.874	5 ⁵ / ₈	UC211-201D1	
60	UCF211-202D1											UC211-202D1	
	UCF211-203D1											UC211-203D1	
	UCF212D1	175	143	29	18	48	19	68.7	65.1	25.4	M16	UC212D1	
	UCF212-204D1											UC212-204D1	
65	UCF212-205D1											UC212-205D1	
	UCF212-206D1	6 ⁷ / ₈	5 ⁵ / ₈	1 ⁹ / ₆₄	23 ²³ / ₃₂	1 ⁷ / ₈	3 ³ / ₄	2 ⁴⁵ / ₆₄	2.5630	1.000	5 ⁵ / ₈	UC212-206D1	
	UCF212-207D1											UC212-207D1	
	UCF213D1	187	149	30	22	50	19	69.7	65.1	25.4	M16	UC213D1	
70	UCF213-208D1											UC213-208D1	
	UCF213-209D1											UC213-209D1	
	UCF214D1	193	152	31	22	54	19	75.4	74.6	30.2	M16	UC214D1	
	UCF214-210D1											UC214-210D1	
75	UCF214-211D1	7 ⁹ / ₃₂	5 ⁵⁵ / ₆₄	1 ⁷ / ₃₂	7 ⁷ / ₈	4 ¹³ / ₃₂	3 ³ / ₄	2 ³¹ / ₃₂	2.9370	1.189	5 ⁵ / ₈	UC214-211D1	
	UCF214-212D1											UC214-212D1	
	UCF215D1	200	159	34	22	56	19	78.5	77.8	33.3	M16	UC215D1	
	UCF215-213D1											UC215-213D1	
80	UCF215-214D1											UC215-214D1	
	UCF215-215D1	7 ⁷ / ₈	6 ⁷ / ₆₄	1 ¹¹ / ₃₂	7 ⁷ / ₈	2 ⁷ / ₃₂	3 ³ / ₄	3 ³ / ₃₂	3.0630	1.311	5 ⁵ / ₈	UC215-215D1	
	UCF215-300D1											UC215-300D1	
	UCF216D1	208	165	34	22	58	23	83.3	82.6	33.3	M20	UC216D1	
3 ¹ / ₁₆	UCF216-301D1											UC216-301D1	
	UCF216-302D1	8 ³ / ₁₆	6 ¹ / ₂	1 ¹¹ / ₃₂	7 ⁷ / ₈	2 ⁹ / ₃₂	2 ²⁹ / ₃₂	3 ³ / ₃₂	3.2520	1.311	3 ³ / ₄	UC216-302D1	
	UCF216-303D1											UC216-303D1	

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Housing number	Unit number (1) pressed steel dust cover type	Unit number (1) cast dust cover type	Nominal dimensions mm inch				Mass of unit kg lb	
			t max.	A ₄	A ₅	UCF	Z(ZM)	C(CM)
F210D1	Z(ZM)-UCF210D1	C(CM)-UCF210D1	3	60	72	2.5	2.5	3.0
F210D1	Z(ZM)-UCF210-113D1	C(CM)-UCF210-113D1						
F210D1	Z(ZM)-UCF210-114D1	C(CM)-UCF210-114D1	1 ¹ / ₈	2 ³ / ₈	2 ²⁷ / ₃₂	5.5	5.5	6.6
F210D1	Z(ZM)-UCF210-115D1	C(CM)-UCF210-115D1						
F210D1	Z(ZM)-UCF210-200D1	C(CM)-UCF210-200D1						
F211D1	Z(ZM)-UCF211D1	C(CM)-UCF211D1	4	64	75	3.3	3.4	4.0
F211D1	Z(ZM)-UCF211-200D1	C(CM)-UCF211-200D1						
F211D1	Z(ZM)-UCF211-201D1	C(CM)-UCF211-201D1	5 ⁵ / ₃₂	2 ¹ / ₂	2 ¹⁵ / ₁₆	7.3	7.5	8.8
F211D1	Z(ZM)-UCF211-202D1	C(CM)-UCF211-202D1						
F211D1	Z(ZM)-UCF211-203D1	C(CM)-UCF211-203D1						
F212D1	Z(ZM)-UCF212D1	C(CM)-UCF212D1	4	74	86	3.9	4.1	4.8
F212D1	Z(ZM)-UCF212-204D1	C(CM)-UCF212-204D1						
F212D1	Z(ZM)-UCF212-205D1	C(CM)-UCF212-205D1	5 ⁵ / ₃₂	2 ²⁹ / ₃₂	3 ³ / ₈	8.6	9.0	11
F212D1	Z(ZM)-UCF212-206D1	C(CM)-UCF212-206D1						
F212D1	Z(ZM)-UCF212-207D1	C(CM)-UCF212-207D1						
F213D1	Z(ZM)-UCF213D1	C(CM)-UCF213D1	4	76	90	5.5	5.6	6.4
F213D1	Z(ZM)-UCF213-208D1	C(CM)-UCF213-208D1	5 ⁵ / ₃₂	3	3 ¹⁷ / ₃₂	12	12	14
F213D1	Z(ZM)-UCF213-209D1	C(CM)-UCF213-209D1						
F214D1	—	C(CM)-UCF214D1	4	—	98	6.3	—	7.4
F214D1	—	C(CM)-UCF214-210D1						
F214D1	—	C(CM)-UCF214-211D1	5 ⁵ / ₃₂	—	3 ²⁷ / ₃₂	14	—	16
F214D1	—	C(CM)-UCF214-212D1						
F215D1	—	C(CM)-UCF215D1	4	—	102	6.6	—	7.9
F215D1	—	C(CM)-UCF215-213D1						
F215D1	—	C(CM)-UCF215-214D1	5 ⁵ / ₃₂	—	4 ¹ / ₃₂	15	—	17
F215D1	—	C(CM)-UCF215-215D1						
F215D1	—	C(CM)-UCF215-300D1						
F216D1	—	C(CM)-UCF216D1	4	—	106	7.9	—	9.3
F216D1	—	C(CM)-UCF216-301D1						
F216D1	—	C(CM)-UCF216-302D1	5 ⁵ / ₃₂	—	4 ⁹ / ₁₆	17	—	21
F216D1	—	C(CM)-UCF216-303D1						

UCF2

Square flanged unit, cast housing Set screw type



Pressed steel dust cover type
Open end Z-UCF...D1
Closed end ZM-UCF--D1

Cast dust cover type
Open end C-UCF...D1
Closed end CM-UCF--D1

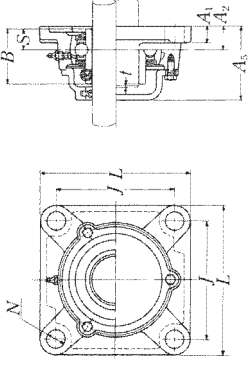
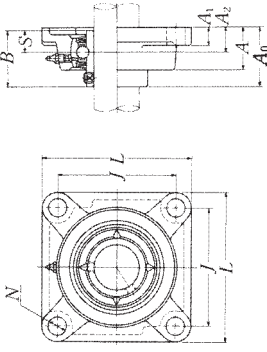
Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch										Bolt size mm inch	Bearing number
		L	J	A ₂	A ₁	A	N	A ₀	B	S	A ₁₀		
85 3 1/4	UCF217D1	220	175	36	24	63	23	87.6	85.7	34.1		M20	UC217D1
3 5/16	UCF217-304D1	8 7/32	6 7/16	1 27/64	1 5/16	2 15/32	2 29/32	3 29/64	3.3740	1.343		3/4	UC217-304D1 UC217-305D1 UC217-307D1
90 3 1/2	UCF218D1	235	187	40	24	68	23	96.3	96	39.7		M20	UC218D1
	UCF218-308D1	9 1/4	7 23/64	1 37/64	1 5/16	2 1/16	2 29/32	3 51/64	3.7795	1.563		3/4	UC218-308D1

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Housing number	Unit number (1) pressed steel dust cover type	Unit number (1) cast dust cover type	Nominal dimensions mm inch					Mass of unit kg lb	
			t max.	A ₄	A ₅	Z(M)	C(CM)		
F217D1	—	C(CM)-UCF217D1	5	—	114	9.8	—	12	
F217D1	—	C(CM)-UCF217-304D1	13 3/64	—	4 1/2	22	—	26	
F217D1	—	C(CM)-UCF217-305D1							
F217D1	—	C(CM)-UCF217-307D1							
F218D1	—	C(CM)-UCF218D1	5	—	122	12	—	13	
F218D1	—	C(CM)-UCF218-308D1	13 3/64	—	4 13/16	26	—	29	

UCF3

Square flanged unit, cast housing Set screw type



Cast dust cover type
Open end
C-UCF...D1
Closed end
CM-UCF...D1

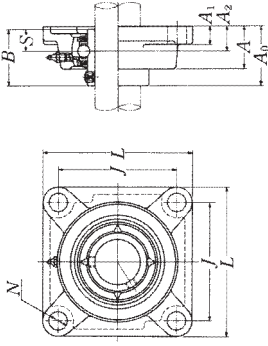
Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch										Bolt size mm inch
		L	J	A ₂	A ₁	A	N	A ₀	B	S		
25 $\frac{19}{16}$ $\frac{7}{8}$ $\frac{3}{8}$ $\frac{15}{16}$ 1	UCF305D1	110	80	16	13	29	16	39	38	15	M14	
	UCF305-013D1											
	UCF305-014D1	4 $\frac{11}{32}$	3 $\frac{5}{32}$	$\frac{5}{8}$	$\frac{1}{2}$	1 $\frac{5}{32}$	$\frac{5}{8}$	1 $\frac{17}{32}$	1.4961	0.591	$\frac{1}{2}$	
	UCF305-015D1											
	UCF305-100D1											
30 $\frac{13}{8}$ $\frac{11}{8}$ $\frac{11}{8}$ $\frac{13}{8}$ $\frac{13}{8}$	UCF306D1	125	95	18	15	32	16	44	43	17	M14	
	UCF306-101D1											
	UCF306-102D1	4 $\frac{29}{32}$	3 $\frac{97}{64}$	$\frac{45}{64}$	$\frac{19}{32}$	1 $\frac{1}{4}$	$\frac{5}{8}$	1 $\frac{17}{64}$	1.6929	0.669	$\frac{1}{2}$	
	UCF306-103D1											
	UCF307D1	135	100	20	16	36	19	49	48	19	M16	
35 $\frac{11}{4}$ $\frac{11}{8}$ $\frac{11}{8}$ $\frac{11}{8}$ $\frac{11}{8}$	UCF307D1	135	100	20	16	36	19	49	48	19	M16	
	UCF307-104D1											
	UCF307-105D1	5 $\frac{5}{16}$	3 $\frac{15}{16}$	$\frac{25}{32}$	$\frac{5}{8}$	1 $\frac{13}{32}$	$\frac{3}{4}$	1 $\frac{59}{64}$	1.8898	0.748	$\frac{5}{8}$	
	UCF307-106D1											
	UCF307-107D1											
40 $\frac{11}{2}$ $\frac{11}{8}$ $\frac{11}{8}$	UCF308D1	150	112	23	17	40	19	56	52	19	M16	
	UCF308-108D1	5 $\frac{29}{32}$	4 $\frac{13}{32}$	$\frac{29}{32}$	$\frac{21}{32}$	1 $\frac{9}{16}$	$\frac{3}{4}$	2 $\frac{13}{64}$	2.0472	0.748	$\frac{5}{8}$	
	UCF308-109D1											
45 $\frac{11}{8}$ $\frac{11}{8}$ $\frac{11}{8}$ $\frac{11}{8}$	UCF309D1	160	125	25	18	44	19	60	57	22	M16	
	UCF309-110D1											
	UCF309-111D1	6 $\frac{5}{16}$	4 $\frac{49}{64}$	$\frac{69}{64}$	$\frac{29}{32}$	1 $\frac{23}{32}$	$\frac{3}{4}$	2 $\frac{29}{64}$	2.2441	0.866	$\frac{5}{8}$	
	UCF309-112D1											
50 $\frac{11}{8}$ $\frac{11}{8}$ $\frac{11}{8}$ $\frac{11}{8}$	UCF310D1	175	132	28	19	48	23	67	61	22	M20	
	UCF310-113D1											
	UCF310-114D1	6 $\frac{7}{8}$	5 $\frac{13}{64}$	1 $\frac{7}{64}$	$\frac{3}{4}$	1 $\frac{1}{8}$	$\frac{29}{32}$	2 $\frac{41}{64}$	2.4016	0.866	$\frac{3}{4}$	
	UCF310-115D1											
55 2 $\frac{21}{16}$ $\frac{21}{16}$ $\frac{21}{16}$ $\frac{21}{16}$	UCF311D1	185	140	30	20	52	23	71	66	25	M20	
	UCF311-200D1											
	UCF311-201D1	7 $\frac{9}{32}$	5 $\frac{33}{64}$	1 $\frac{3}{16}$	$\frac{25}{32}$	2 $\frac{1}{16}$	$\frac{29}{32}$	2 $\frac{51}{64}$	2.5984	0.984	$\frac{3}{4}$	
	UCF311-202D1											
	UCF311-203D1											

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Unit number (*) cast dust cover type	Nominal dimensions mm inch		Mass of unit kg lb
			t max.	A ₅	
UC305D1	F305D1	C(CM)-UCF305D1	2	56	1.1 2.4
UC305-013D1	F305D1	C(CM)-UCF305-013D1			1.4
UC305-014D1	F305D1	C(CM)-UCF305-014D1	$\frac{5}{64}$	2 $\frac{7}{32}$	3.1
UC305-015D1	F305D1	C(CM)-UCF305-015D1			
UC305-100D1	F305D1	C(CM)-UCF305-100D1			
UC306D1	F306D1	C(CM)-UCF306D1	2	60	1.6 3.5
UC306-101D1	F306D1	C(CM)-UCF306-101D1			2.1
UC306-102D1	F306D1	C(CM)-UCF306-102D1	$\frac{5}{64}$	2 $\frac{3}{8}$	4.6
UC306-103D1	F306D1	C(CM)-UCF306-103D1			
UC307D1	F307D1	C(CM)-UCF307D1	3	68	2.1 4.6
UC307-104D1	F307D1	C(CM)-UCF307-104D1			2.6
UC307-105D1	F307D1	C(CM)-UCF307-105D1	$\frac{1}{8}$	2 $\frac{1}{16}$	5.7
UC307-106D1	F307D1	C(CM)-UCF307-106D1			
UC307-107D1	F307D1	C(CM)-UCF307-107D1			
UC308D1	F308D1	C(CM)-UCF308D1	3	76	2.7 6.0
UC308-108D1	F308D1	C(CM)-UCF308-108D1	$\frac{1}{8}$	3	7.5
UC308-109D1	F308D1	C(CM)-UCF308-109D1			
UC309D1	F309D1	C(CM)-UCF309D1	3	80	3.4 7.5
UC309-110D1	F309D1	C(CM)-UCF309-110D1			4.3
UC309-111D1	F309D1	C(CM)-UCF309-111D1	$\frac{1}{8}$	3 $\frac{5}{32}$	9.5
UC309-112D1	F309D1	C(CM)-UCF309-112D1			
UC310D1	F310D1	C(CM)-UCF310D1	3	88	4.5 9.9
UC310-113D1	F310D1	C(CM)-UCF310-113D1			5.8
UC310-114D1	F310D1	C(CM)-UCF310-114D1	$\frac{1}{8}$	3 $\frac{5}{32}$	13
UC310-115D1	F310D1	C(CM)-UCF310-115D1			
UC311D1	F311D1	C(CM)-UCF311D1	4	92	5.3 12
UC311-200D1	F311D1	C(CM)-UCF311-200D1			6.7
UC311-201D1	F311D1	C(CM)-UCF311-201D1	$\frac{5}{32}$	3 $\frac{5}{8}$	15
UC311-202D1	F311D1	C(CM)-UCF311-202D1			
UC311-203D1	F311D1	C(CM)-UCF311-203D1			

UCF3

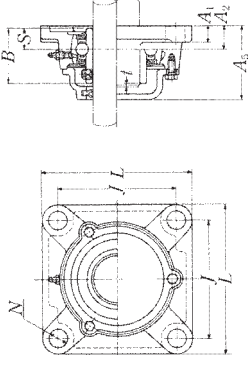
Square flanged unit, cast housing Set screw type



Cast dust cover type
Open end C-UCF...D1
Closed end CM-UCF...D1

Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch										Bolt size mm inch
		L	J	A ₂	A ₁	A	N	A ₀	B	S		
60	UCF312D1	195	150	33	22	56	23	78	71	26	M20	
	UCF312-204D1											
	UCF312-205D1	7 ¹¹ / ₁₆	5 ²⁹ / ₃₂	1 ¹⁹ / ₆₄	7/ ₈	2 ¹ / ₃₂	29/ ₃₂	3 ⁵ / ₆₄	2.7953	1.024	3/ ₄	
	UCF312-206D1											
65	UCF313D1	208	166	33	22	58	23	78	75	30	M20	
	UCF313-208D1	8 ³ / ₁₆	6 ¹⁷ / ₃₂	1 ¹⁹ / ₆₄	7/ ₈	2 ⁹ / ₃₂	29/ ₃₂	3 ⁵ / ₆₄	2.9528	1.181	9/ ₄	
	UCF313-209D1											
	UCF313-210D1											
70	UCF314D1	226	178	36	25	61	25	81	78	33	M22	
	UCF314-210D1											
	UCF314-211D1	8 ²⁹ / ₃₂	6 ¹ / ₆₄	1 ²⁷ / ₆₄	3 ¹ / ₃₂	2 ¹⁹ / ₃₂	63/ ₆₄	3 ³ / ₁₆	3.0709	1.299	7/ ₈	
	UCF314-212D1											
75	UCF315D1	236	184	39	25	66	25	89	82	32	M22	
	UCF315-213D1											
	UCF315-214D1	9 ⁹ / ₃₂	7 ¹ / ₄	1 ¹⁷ / ₃₂	3 ¹ / ₁₆	2 ⁹ / ₃₂	63/ ₆₄	3 ¹ / ₂	3.2283	1.260	7/ ₈	
	UCF315-215D1											
80	UCF316D1	250	196	38	27	68	31	90	86	34	M27	
	UCF316-301D1											
	UCF316-302D1	9 ²⁷ / ₃₂	7 ²⁹ / ₃₂	1 ¹ / ₂	1 ¹ / ₁₆	2 ¹ / ₁₆	1 ¹ / ₃₂	3 ⁵ / ₆₄	3.3858	1.339	1	
	UCF316-303D1											
85	UCF317D1	260	204	44	27	74	31	100	96	40	M27	
	UCF317-304D1											
	UCF317-305D1	10 ¹ / ₄	8 ¹ / ₃₂	1 ⁴⁷ / ₆₄	1 ¹ / ₁₆	2 ²⁹ / ₃₂	1 ¹ / ₃₂	3 ¹⁵ / ₁₆	3.7795	1.575	1	
	UCF317-307D1											
90	UCF318D1	280	216	44	30	76	35	100	96	40	M30	
	UCF318-307D1											
	UCF318-308D1	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	
	UCF318-308D1											

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

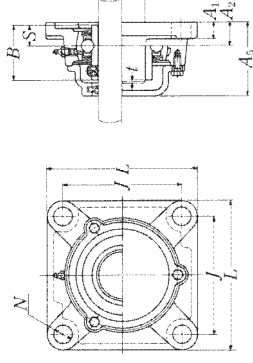
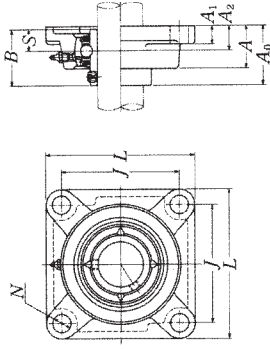


Cast dust cover type
Open end C-UCF...D1
Closed end CM-UCF...D1

Bearing number	Housing number	Unit number (1) cast dust cover type	Nominal dimensions mm inch		Mass of unit kg lb
			r max.	A ₅	
UC312D1	F312D1	C(CM)-UCF312D1	4	100	6.3 7.8
	UC312-204D1	C(CM)-UCF312-204D1			
	UC312-205D1	C(CM)-UCF312-205D1	5/ ₃₂	3 ¹⁵ / ₁₆	14 17
	UC312-206D1	C(CM)-UCF312-206D1			
UC313D1	F313D1	C(CM)-UCF313D1	4	103	8.0 9.7
	UC313-208D1	C(CM)-UCF313-208D1	5/ ₃₂	4 ¹ / ₁₆	18 21
	UC313-209D1	C(CM)-UCF313-209D1			
	UC313-210D1	C(CM)-UCF314-210D1	4	106	9.4 11
UC314D1	F314D1	C(CM)-UCF314-210D1	4	106	9.4 11
	UC314-211D1	C(CM)-UCF314-211D1	5/ ₃₂	4 ³ / ₁₆	21 24
	UC314-212D1	C(CM)-UCF314-212D1			
	UC315D1	F315D1	C(CM)-UCF315D1	4	114
UC316D1	F316D1	C(CM)-UCF315-213D1			
	UC316-301D1	C(CM)-UCF315-214D1	5/ ₃₂	4 ¹ / ₂	24 29
	UC316-302D1	C(CM)-UCF316-302D1	5/ ₃₂	4 ⁹ / ₁₆	31 35
	UC316-303D1	C(CM)-UCF316-303D1			
UC317D1	F317D1	C(CM)-UCF317D1	5	129	15 19
	UC317-304D1	C(CM)-UCF317-304D1	13/ ₆₄	5 ³ / ₃₂	33 42
	UC317-305D1	C(CM)-UCF317-305D1			
	UC317-307D1	C(CM)-UCF317-307D1			
UC318D1	F318D1	C(CM)-UCF318D1	5	129	19 23
	UC318-307D1	C(CM)-UCF318-307D1	19/ ₆₄	5 ³ / ₃₂	42 51
	UC318-308D1	C(CM)-UCF318-308D1			
	UC318-308D1				

UCF3

Square flanged unit, cast housing Set screw type



Cast dust cover type
Open end C-UCF...D1
Closed end CM-UCF...D1

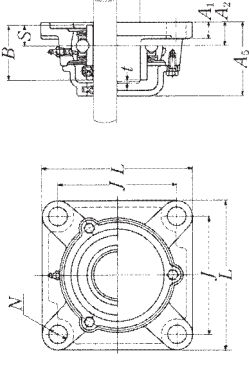
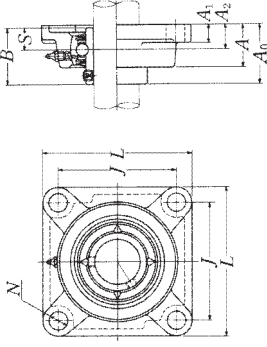
Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch										Bolt size mm inch	
		L	J	A ₂	A ₁	A	N	A ₀	B	S			
95	UCF319D1	290	228	59	30	94	35	121	103	41	M30		
3 ⁵ / ₁₆	UCF319-310D1												
3 ¹ / ₁₆	UCF319-311D1	11 ¹³ / ₃₂	8 ³¹ / ₃₂	2 ² / ₆₄	1 ³ / ₁₆	3 ¹ / ₁₆	1 ³ / ₁₆	4 ⁹ / ₆₄	4.0551	1.614	1 ¹ / ₈		
3 ³ / ₄	UCF319-312D1												
100	UCF320D1	310	242	59	32	94	38	125	108	42	M33		
3 ¹³ / ₁₆	UCF320-313D1												
3 ⁷ / ₁₆	UCF320-314D1	12 ⁷ / ₃₂	9 ¹⁷ / ₃₂	2 ² / ₆₄	1 ¹ / ₄	3 ¹ / ₁₆	1 ¹ / ₂	4 ⁹ / ₆₄	4.2520	1.654	1 ¹ / ₄		
3 ⁵ / ₁₆	UCF320-315D1												
4	UCF320-400D1												
105	UCF321D1	310	242	59	32	94	38	127	112	44	M33		
110	UCF322D1	340	266	60	35	96	41	131	117	46	M36		
120	UCF324D1	370	290	65	40	110	41	140	126	51	M36		
130	UCF326D1	410	320	65	45	115	41	146	135	54	M36		
140	UCF328D1	450	350	75	55	125	41	161	145	59	M36		

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Unit number (1) cast dust cover type	Nominal dimensions		Mass of unit	
			mm	inch	kg	lb
UC319D1	F319D1	C(CM)-UCF319D1	5	149	22	25
UC319-310D1	F319D1	C(CM)-UCF319-310D1				
UC319-311D1	F319D1	C(CM)-UCF319-311D1	19 ³ / ₆₄	5 ⁷ / ₈	49	55
UC319-312D1	F319D1	C(CM)-UCF319-312D1				
UC320D1	F320D1	C(CM)-UCF320D1	5	154	27	32
UC320-313D1	F320D1	C(CM)-UCF320-313D1				
UC320-314D1	F320D1	C(CM)-UCF320-314D1	19 ³ / ₆₄	6 ¹ / ₁₆	60	71
UC320-315D1	F320D1	C(CM)-UCF320-315D1				
UC320-400D1	F320D1	C(CM)-UCF320-400D1				
UC321D1	F321D1	C(CM)-UCF321D1	5	156	26	32
UC322D1	F322D1	C(CM)-UCF322D1	5	160	34	40
UC324D1	F324D1	C(CM)-UCF324D1	5	172	48	56
UC326D1	F326D1	C(CM)-UCF326D1	6	178	63	73
UC328D1	F328D1	C(CM)-UCF328D1	6	192	90	100

UCFX

Square flanged unit, cast housing Set screw type



Cast dust cover type
Open end
C-UCF...D1
Closed end
CM-UCF...D1

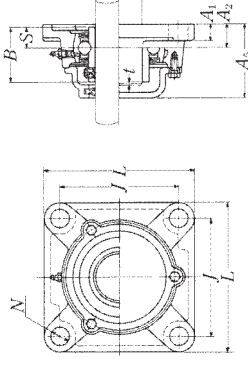
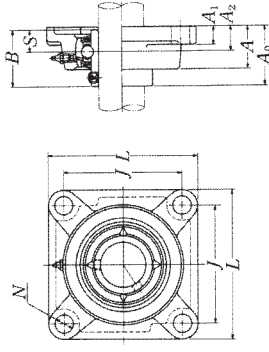
Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch										Bolt size mm inch
		L	J	A ₂	A ₁	A	N	A ₀	B	S		
25 $\frac{19}{16}$ $\frac{7}{8}$ $\frac{15}{16}$ 1	UCFX05D1	108	83	18	13	30	12	40.2	38.1	15.9	M10	
	UCFX05-013D1											
	UCFX05-014D1	4 $\frac{1}{4}$	3 $\frac{17}{64}$	$\frac{45}{64}$	$\frac{1}{2}$	1 $\frac{3}{16}$	$\frac{15}{32}$	1 $\frac{37}{64}$	1.5000	0.626	$\frac{3}{8}$	
	UCFX05-015D1											
	UCFX05-100D1											
30 $\frac{11}{16}$ $\frac{1}{2}$ $\frac{11}{16}$ $\frac{13}{16}$ $\frac{11}{4}$	UCFX06D1	117	92	19	14	34	16	44.4	42.9	17.5	M14	
	UCFX06-101D1											
	UCFX06-102D1	4 $\frac{19}{32}$	3 $\frac{5}{8}$	$\frac{3}{4}$	$\frac{9}{16}$	1 $\frac{11}{32}$	$\frac{5}{8}$	1 $\frac{3}{4}$	1.6890	0.689	$\frac{1}{2}$	
	UCFX06-103D1											
	UCFX06-104D1											
35 $\frac{13}{16}$ $\frac{1}{2}$ $\frac{13}{16}$ $\frac{11}{8}$	UCFX07D1	130	102	21	14	38	16	51.2	49.2	19	M14	
	UCFX07-105D1											
	UCFX07-106D1	5 $\frac{1}{8}$	4 $\frac{1}{4}$	$\frac{53}{64}$	$\frac{9}{16}$	1 $\frac{1}{2}$	$\frac{5}{8}$	2 $\frac{1}{64}$	1.9370	0.748	$\frac{1}{2}$	
	UCFX07-107D1											
40 $\frac{11}{2}$ $\frac{13}{16}$	UCFX08D1	137	105	22	14	40	19	52.2	49.2	19	M16	
	UCFX08-108D1	5 $\frac{13}{32}$	4 $\frac{9}{64}$	$\frac{55}{64}$	$\frac{9}{16}$	1 $\frac{9}{16}$	$\frac{3}{4}$	2 $\frac{1}{16}$	1.9370	0.748	$\frac{5}{8}$	
	UCFX08-109D1											
	UCFX09D1	143	111	23	14	40	19	55.6	51.6	19	M16	
45 $\frac{17}{8}$ $\frac{11}{16}$ $\frac{13}{4}$ $\frac{19}{16}$	UCFX09D1	143	111	23	14	40	19	55.6	51.6	19	M16	
	UCFX09-110D1											
	UCFX09-111D1	5 $\frac{5}{8}$	4 $\frac{3}{8}$	$\frac{29}{32}$	$\frac{9}{16}$	1 $\frac{9}{16}$	$\frac{3}{4}$	2 $\frac{3}{16}$	2.0315	0.748	$\frac{5}{8}$	
	UCFX09-112D1											
	UCFX09-113D1											
50 $\frac{17}{8}$ $\frac{11}{16}$ 2	UCFX10D1	162	130	26	20	44	19	59.4	56.6	22.2	M16	
	UCFX10-114D1											
	UCFX10-115D1	6 $\frac{3}{8}$	5 $\frac{1}{8}$	1 $\frac{1}{32}$	$\frac{25}{32}$	1 $\frac{25}{32}$	$\frac{3}{4}$	2 $\frac{1}{32}$	2.1890	0.874	$\frac{5}{8}$	
	UCFX10-200D1											

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Unit number (1) cast dust cover type	Nominal dimensions		Mass of unit	
			mm	inch	kg	lb
UCX05D1	FX05D1	C(CM)-UCFX05D1	2	56	1.1	1.3
UCX05-013D1	FX05D1	C(CM)-UCFX05-013D1				
UCX05-014D1	FX05D1	C(CM)-UCFX05-014D1	$\frac{9}{64}$	2 $\frac{7}{32}$	2.4	2.9
UCX05-015D1	FX05D1	C(CM)-UCFX05-015D1				
UCX05-100D1	FX05D1	C(CM)-UCFX05-100D1				
UCX06D1	FX06D1	C(CM)-UCFX06D1	2	59	1.7	1.9
UCX06-101D1	FX06D1	C(CM)-UCFX06-101D1				
UCX06-102D1	FX06D1	C(CM)-UCFX06-102D1	$\frac{5}{64}$	2 $\frac{5}{16}$	3.7	4.2
UCX06-103D1	FX06D1	C(CM)-UCFX06-103D1				
UC207-104D1	FX06D1	C(CM)-UCFX06-104D1				
UCX07D1	FX07D1	C(CM)-UCFX07D1	3	66	2.1	2.5
UCX07-105D1	FX07D1	C(CM)-UCFX07-105D1	$\frac{1}{8}$	2 $\frac{19}{32}$	4.6	5.5
UCX07-106D1	FX07D1	C(CM)-UCFX07-106D1				
UCX07-107D1	FX07D1	C(CM)-UCFX07-107D1				
UCX08D1	FX08D1	C(CM)-UCFX08D1	3	70	2.3	2.7
UCX08-108D1	FX08D1	C(CM)-UCFX08-108D1	$\frac{1}{8}$	2 $\frac{3}{4}$	5.1	6.0
UCX08-109D1	FX08D1	C(CM)-UCFX08-109D1				
UCX09D1	FX09D1	C(CM)-UCFX09D1	3	73	2.5	3.0
UCX09-110D1	FX09D1	C(CM)-UCFX09-110D1				
UCX09-111D1	FX09D1	C(CM)-UCFX09-111D1	$\frac{1}{8}$	2 $\frac{7}{8}$	5.5	6.6
UCX09-112D1	FX09D1	C(CM)-UCFX09-112D1				
UC210-113D1	FX09D1	C(CM)-UCFX09-113D1				
UCX10D1	FX10D1	C(CM)-UCFX10D1	3	76	3.8	4.3
UCX10-114D1	FX10D1	C(CM)-UCFX10-114D1				
UCX10-115D1	FX10D1	C(CM)-UCFX10-115D1	$\frac{1}{8}$	3	8.4	9.5
UC211-200D1	FX10D1	C(CM)-UCFX10-200D1				

UCFX

Square flanged unit, cast housing Set screw type



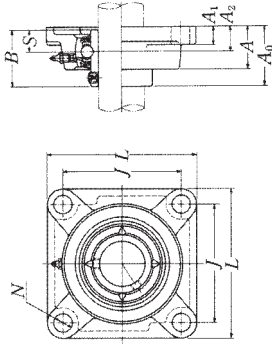
Cast dust cover type
Open end C-UCF...D1
Closed end CM-UCF...D1

Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch										Bolt size mm inch	
		L	J	A ₂	A ₁	A	N	A ₀	B	S			
55	UCFX11D1	175	143	29	20	49	19	68.7	65.1	25.4	M16		
2 ¹ / ₁₆	UCFX11-201D1												
2 ¹ / ₈	UCFX11-202D1												
2 ¹ / ₄	UCFX11-203D1	6 ⁷ / ₈	5 ⁵ / ₈	1 ⁹ / ₆₄	29 ³ / ₃₂	1 ¹⁵ / ₁₆	3 ³ / ₄	2 ¹⁵ / ₆₄	2.5630	1.000	5 ⁸ / ₁₆		
2 ¹ / ₂	UCFX11-204D1												
2 ⁵ / ₁₆	UCFX11-205D1												
60	UCFX12D1	187	149	34	21	59	19	73.7	65.1	25.4	M16		
2 ³ / ₈	UCFX12-206D1												
2 ¹ / ₂	UCFX12-207D1	7 ⁹ / ₈	5 ⁵⁵ / ₆₄	1 ¹¹ / ₃₂	13 ¹³ / ₁₆	2 ⁵ / ₁₆	3 ³ / ₄	2 ²⁹ / ₃₂	2.5630	1.000	5 ⁸ / ₁₆		
65	UCFX13D1	187	149	34	21	59	19	78.4	74.6	30.2	M16		
2 ¹ / ₂	UCFX13-208D1												
2 ¹ / ₄	UCFX13-209D1	7 ³ / ₄	5 ⁵⁵ / ₆₄	1 ²⁹ / ₃₂	13 ¹³ / ₁₆	2 ⁵ / ₁₆	3 ³ / ₄	3 ³ / ₃₂	2.9370	1.189	5 ⁸ / ₁₆		
70	UCFX14D1	197	152	37	24	60	23	81.5	77.8	33.3	M20		
2 ³ / ₈	UCFX14-210D1												
2 ¹ / ₂	UCFX14-211D1	7 ³ / ₄	5 ⁶³ / ₆₄	1 ²⁹ / ₆₄	15 ¹⁵ / ₁₆	2 ³ / ₈	29 ²⁹ / ₃₂	3 ³⁹ / ₆₄	3.0630	1.311	3 ³ / ₄		
2 ³ / ₄	UCFX14-212D1												
75	UCFX15D1	197	152	40	24	68	23	89.3	82.6	33.3	M20		
2 ³ / ₈	UCFX15-213D1												
2 ¹ / ₂	UCFX15-214D1	7 ³ / ₄	5 ⁶³ / ₆₄	1 ³⁷ / ₆₄	15 ¹⁵ / ₁₆	2 ¹ / ₁₆	29 ²⁹ / ₃₂	3 ³⁹ / ₆₄	3.2520	1.311	3 ³ / ₄		
2 ⁵ / ₁₆	UCFX15-215D1												
3	UCFX15-300D1												
80	UCFX16D1	214	171	40	24	70	23	91.6	85.7	34.1	M20		
3 ¹ / ₁₆	UCFX16-301D1												
3 ¹ / ₈	UCFX16-302D1	8 ⁷ / ₁₆	6 ⁴⁷ / ₆₄	1 ⁶⁷ / ₆₄	15 ¹⁵ / ₁₆	2 ³ / ₄	29 ²⁹ / ₃₂	3 ³⁹ / ₆₄	3.3740	1.343	3 ³ / ₄		
3 ¹ / ₄	UCFX16-303D1												
3 ¹ / ₂	UCFX16-304D1												

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

UCFX

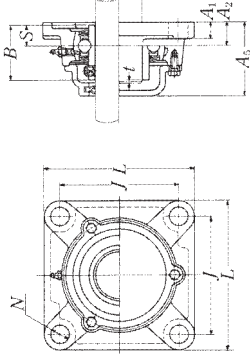
Square flanged unit, cast housing Set screw type



Cast dust cover type
Open end
C-UCF...D1
Closed end
CM-UCF...D1

Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch								Bolt size mm inch		
		L	J	A ₂	A ₁	A	N	A ₀	B	S	mm	inch
85	UCFX17D1	214	171	40	24	70	23	96.3	96	39.7	M20	
3 ⁵ / ₁₆	UCFX17-305D1	8 ⁷ / ₁₆	6 ⁴⁷ / ₆₄	1 ³⁷ / ₆₄	1 ⁵ / ₁₆	2 ³ / ₄	2 ²⁹ / ₃₂	3 ⁵ / ₆₄	3.7795	1.563	3/4	
3 ⁷ / ₁₆	UCFX17-307D1											
90	UCFX18D1	214	171	45	24	76	23	106.1	104	42.9	M20	
3 ⁷ / ₁₆	UCFX18-307D1	8 ⁷ / ₁₆	6 ⁴⁷ / ₆₄	1 ⁴⁹ / ₆₄	1 ⁵ / ₁₆	3	2 ²⁹ / ₃₂	4 ¹ / ₆₄	4.0945	1.689	3/4	
3 ⁷ / ₂	UCFX18-308D1											
100	UCFX20D1	268	211	59	31	97	31	127.3	117.5	49.2	M27	
3 ¹³ / ₁₆	UCFX20-313D1											
3 ⁷ / ₁₆	UCFX20-314D1	10 ⁹ / ₁₆	8 ⁵ / ₁₆	2 ⁵⁹ / ₆₄	1 ⁷ / ₃₂	3 ¹⁵ / ₁₆	1 ⁷ / ₃₂	5 ⁵ / ₆₄	4.6260	1.937	1	
3 ⁵ / ₁₆	UCFX20-315D1											
4	UCFX20-400D1											

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

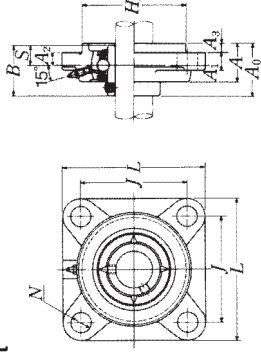


Cast dust cover type
Open end
C-UCF...D1
Closed end
CM-UCF...D1

Bearing number	Housing number	Unit number (*) cast dust cover type	Nominal dimensions		Mass of unit	
			t mm max.	A ₅ inch	kg UCF	C(CM)
UCX17D1	FX17D1	C(CM)-UCFX17D1	5	122	12	14
UCX17-305D1	FX17D1	C(CM)-UCFX17-305D1	1 ⁹ / ₆₄	4 ¹³ / ₁₆	26	31
UCX17-307D1	FX17D1	C(CM)-UCFX17-307D1				
UCX18D1	FX18D1	C(CM)-UCFX18D1	5	135	13	15
UCX18-307D1	FX18D1	C(CM)-UCFX18-307D1	1 ⁹ / ₆₄	5 ⁵ / ₁₆	29	33
UCX18-308D1	FX18D1	C(CM)-UCFX18-308D1				
UCX20D1	FX20D1	C(CM)-UCFX20D1	5	146.5	21	23
UCX20-313D1	FX20D1	C(CM)-UCFX20-313D1				
UCX20-314D1	FX20D1	C(CM)-UCFX20-314D1	1 ⁹ / ₆₄	5 ²⁵ / ₃₂	46	51
UCX20-315D1	FX20D1	C(CM)-UCFX20-315D1				
UCX20-400D1	FX20D1	C(CM)-UCFX20-400D1				

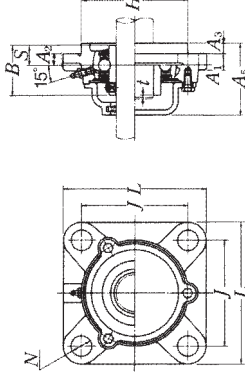
UCFS3

Square flanged unit, cast housing with spigot joint Set screw type



Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch											Bolt size mm inch
		L	J	A ₂	N	A ₃	A ₁	A	H ₃	A ₀	B	S	
25 ¹³ / ₁₆ 7 ⁸ / ₁₆ ¹⁵ / ₁₆	UCFS305D1	110	80	9	16	7	13	29	80	39	38	15	M14
	UCFS305-013D1												
	UCFS305-014D1	4 ¹ / ₃₂	3 ²³ / ₆₄		5 ⁵ / ₃₂	1/2	1 ⁹ / ₆₄	3.1496	1 ¹ / ₃₂	1.4961	0.591	1/2	
	UCFS305-015D1												
	UCFS305-100D1												
30 ¹ / ₁₆ 1 ¹ / ₈ 1 ³ / ₁₆	UCFS306D1	125	95	10	16	8	15	32	90	44	43	17	M14
	UCFS306-101D1												
	UCFS306-102D1	4 ³ / ₃₂	3 ³⁷ / ₆₄	2 ⁵ / ₆₄	5 ⁵ / ₁₆	5/16	1 ¹⁷ / ₆₄	3.5433	1 ⁴⁷ / ₆₄	1.6929	0.669	1/2	
	UCFS306-103D1												
	UCFS306-104D1												
35 ¹ / ₄ 1 ⁵ / ₁₆ 1 ³ / ₈ 1 ⁷ / ₁₆	UCFS307D1	135	100	11	19	9	16	36	100	49	48	19	M16
	UCFS307-104D1												
	UCFS307-105D1	5 ⁵ / ₁₆	3 ¹⁵ / ₁₆	7 ⁷ / ₁₆	3 ³ / ₄	23 ²³ / ₆₄	5 ⁵ / ₈	1 ¹³ / ₃₂	3.9370	1 ⁵⁹ / ₆₄	1.8898	0.748	5 ⁵ / ₈
	UCFS307-106D1												
	UCFS307-107D1												
40 1 ¹ / ₂ 1 ⁹ / ₁₆	UCFS308D1	150	112	13	19	10	17	40	115	56	52	19	M16
	UCFS308-108D1												
	UCFS308-109D1	5 ²⁹ / ₃₂	4 ¹³ / ₃₂	3 ³³ / ₆₄	3 ³ / ₄	2 ²⁵ / ₆₄	2 ¹ / ₃₂	4.5276	2 ¹⁹ / ₆₄	2.0472	0.748	5 ⁵ / ₈	
	UCFS308-110D1												
	UCFS308-111D1												
45 1 ³ / ₈ 1 ¹¹ / ₁₆ 1 ³ / ₄	UCFS309D1	160	125	14	19	11	18	44	125	60	57	22	M16
	UCFS309-110D1												
	UCFS309-111D1	6 ⁵ / ₁₆	4 ⁵⁹ / ₆₄	3 ²³ / ₆₄	3 ³ / ₄	7 ⁷ / ₁₆	2 ²³ / ₃₂	4.9213	2 ²⁹ / ₆₄	2.2441	0.866	5 ⁵ / ₈	
	UCFS309-112D1												
	UCFS309-113D1												
50 1 ¹³ / ₁₆ 1 ⁷ / ₈ 1 ¹⁵ / ₁₆	UCFS310D1	175	132	16	23	12	19	48	140	67	61	22	M20
	UCFS310-113D1												
	UCFS310-114D1	6 ⁷ / ₈	5 ¹³ / ₆₄	5 ⁵ / ₈	2 ²⁹ / ₃₂	3 ³ / ₄	1 ⁵⁷ / ₆₄	5.5118	2 ¹ / ₆₄	2.4016	0.866	3 ³ / ₄	
	UCFS310-115D1												
	UCFS310-116D1												

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

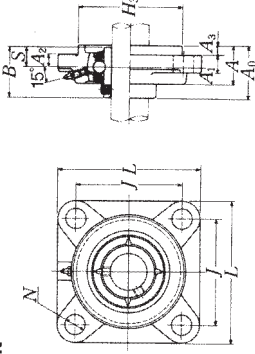


Cast dust cover type
Open end C-UCFS...D1
Closed end CM-UCFS...D1

Bearing number	Housing number	Unit number (*) cast dust cover type	Nominal dimensions		Mass of unit kg lb UCFS C(CM)
			t max.	A ₅ mm inch	
UC305D1	FS305D1	C(CM)-UCFS305D1	2	56	1.2 1.4
UC305-013D1	FS305D1	C(CM)-UCFS305-013D1			
UC305-014D1	FS305D1	C(CM)-UCFS305-014D1	5 ⁵ / ₆₄	2 ¹⁹ / ₆₄	2.6 3.1
UC305-015D1	FS305D1	C(CM)-UCFS305-015D1			
UC305-100D1	FS305D1	C(CM)-UCFS305-100D1			
UC306D1	FS306D1	C(CM)-UCFS306D1	2	60	1.8 2.2
UC306-101D1	FS306D1	C(CM)-UCFS306-101D1			
UC306-102D1	FS306D1	C(CM)-UCFS306-102D1	5 ⁵ / ₆₄	2 ²³ / ₆₄	4.0 4.9
UC306-103D1	FS306D1	C(CM)-UCFS306-103D1			
UC307D1	FS307D1	C(CM)-UCFS307D1	3	67	2.3 2.8
UC307-104D1	FS307D1	C(CM)-UCFS307-104D1			
UC307-105D1	FS307D1	C(CM)-UCFS307-105D1	1 ¹ / ₈	2 ⁴¹ / ₆₄	5.1 6.2
UC307-106D1	FS307D1	C(CM)-UCFS307-106D1			
UC307-107D1	FS307D1	C(CM)-UCFS307-107D1			
UC308D1	FS308D1	C(CM)-UCFS308D1	3	76	3.1 3.6
UC308-108D1	FS308D1	C(CM)-UCFS308-108D1	1 ¹ / ₈	2 ⁶³ / ₆₄	6.8 7.9
UC308-109D1	FS308D1	C(CM)-UCFS308-109D1			
UC309D1	FS309D1	C(CM)-UCFS309D1	3	80	3.8 4.7
UC309-110D1	FS309D1	C(CM)-UCFS309-110D1			
UC309-111D1	FS309D1	C(CM)-UCFS309-111D1	1 ¹ / ₈	3 ⁵ / ₃₂	8.4 10
UC309-112D1	FS309D1	C(CM)-UCFS309-112D1			
UC310D1	FS310D1	C(CM)-UCFS310D1	3	88	5.0 6.2
UC310-113D1	FS310D1	C(CM)-UCFS310-113D1			
UC310-114D1	FS310D1	C(CM)-UCFS310-114D1	1 ¹ / ₈	3 ¹⁵ / ₃₂	11 14
UC310-115D1	FS310D1	C(CM)-UCFS310-115D1			

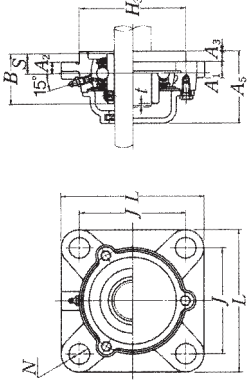
UCFS3

Square flanged unit, cast housing with spigot joint Set screw type



Shaft dia. mm inch	Unit number (°)	Nominal dimensions mm inch										Bolt size mm inch		
		L	J	A ₂	N	A ₃	A ₁	A	H ₃	A ₀	B	S	mm	inch
55	UCFS311D1	185	140	17	23	13	20	52	150	71	66	25	M20	
2	UCFS311-200D1													
2 1/16	UCFS311-201D1	7 9/32	5 5/16	49/64	29/32	33/64	25/32	2 3/4	5.9055	2 5/16	2.5984	0.984	3/4	
2 1/8	UCFS311-202D1													
2 3/16	UCFS311-203D1													
60	UCFS312D1	195	150	19	23	14	22	56	160	78	71	26	M20	
2 1/4	UCFS312-204D1													
2 5/16	UCFS312-205D1	7 11/16	5 5/8	3/4	29/32	35/64	7/8	2 3/4	6.2992	3 5/16	2.7953	1.024	3/4	
2 3/8	UCFS312-206D1													
2 7/16	UCFS312-207D1													
65	UCFS313D1	208	166	15	23	18	22	58	175	78	75	30	M20	
2 1/2	UCFS313-208D1	8 3/16	6 1/8	19/32	29/32	45/64	7/8	2 9/16	6.8698	3 5/16	2.9528	1.181	3/4	
2 9/16	UCFS313-209D1													
70	UCFS314D1	226	178	18	25	18	25	61	185	81	78	33	M22	
2 7/8	UCFS314-210D1													
2 1/2	UCFS314-211D1	8 29/32	7 1/4	45/64	69/64	45/64	31/32	2 3/8	7.2835	3 3/16	3.0709	1.299	7/8	
2 3/4	UCFS314-212D1													
75	UCFS315D1	236	184	21	25	18	25	66	200	89	82	32	M22	
2 5/8	UCFS315-213D1													
2 7/8	UCFS315-214D1	9 9/32	7 1/4	53/64	69/64	45/64	31/32	2 9/16	7.8740	3 1/2	3.2283	1.260	7/8	
2 15/16	UCFS315-215D1													
3	UCFS315-300D1													
80	UCFS316D1	250	196	18	31	20	27	68	210	90	86	34	M27	
3 1/16	UCFS316-301D1													
3 1/8	UCFS316-302D1	9 7/32	7 5/8	45/64	1 7/32	5/32	1 1/16	2 5/16	8.2677	3 5/8	3.3858	1.339	1	
3 3/8	UCFS316-303D1													

Note (°) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

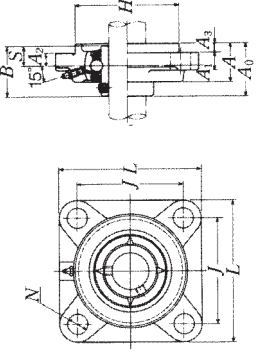


Cast dust cover type
Open end C-UCFS...D1
Closed end CM-UCFS...D1

Bearing number	Housing number	Unit number (°) cast dust cover type	Nominal dimensions mm inch		Mass of unit kg lb	
			t max.	A ₅	UCFS	C(CM)
UC311D1	FS311D1	C(CM)-UCFS311D1	4	93	5.9	7.2
UC311-200D1	FS311D1	C(CM)-UCFS311-200D1				
UC311-201D1	FS311D1	C(CM)-UCFS311-201D1	5/32	3 3/32	13	16
UC311-202D1	FS311D1	C(CM)-UCFS311-202D1				
UC311-203D1	FS311D1	C(CM)-UCFS311-203D1				
UC312D1	FS312D1	C(CM)-UCFS312D1	4	100	7.0	8.4
UC312-204D1	FS312D1	C(CM)-UCFS312-204D1				
UC312-205D1	FS312D1	C(CM)-UCFS312-205D1	5/32	3 5/16	15	19
UC312-206D1	FS312D1	C(CM)-UCFS312-206D1				
UC312-207D1	FS312D1	C(CM)-UCFS312-207D1				
UC313D1	FS313D1	C(CM)-UCFS313D1	4	103	8.6	10
UC313-208D1	FS313D1	C(CM)-UCFS313-208D1	5/32	4 1/16	19	22
UC313-209D1	FS313D1	C(CM)-UCFS313-209D1				
UC314D1	FS314D1	C(CM)-UCFS314D1	4	106	10	12
UC314-210D1	FS314D1	C(CM)-UCFS314-210D1				
UC314-211D1	FS314D1	C(CM)-UCFS314-211D1	5/32	4 1/64	22	26
UC314-212D1	FS314D1	C(CM)-UCFS314-212D1				
UC315D1	FS315D1	C(CM)-UCFS315D1	4	114	12	14
UC315-213D1	FS315D1	C(CM)-UCFS315-213D1				
UC315-214D1	FS315D1	C(CM)-UCFS315-214D1	5/32	4 3/64	26	31
UC315-215D1	FS315D1	C(CM)-UCFS315-215D1				
UC315-300D1	FS315D1	C(CM)-UCFS315-300D1				
UC316D1	FS316D1	C(CM)-UCFS316D1	4	116	14	17
UC316-301D1	FS316D1	C(CM)-UCFS316-301D1				
UC316-302D1	FS316D1	C(CM)-UCFS316-302D1	5/32	4 9/16	31	37
UC316-303D1	FS316D1	C(CM)-UCFS316-303D1				

UCFS3

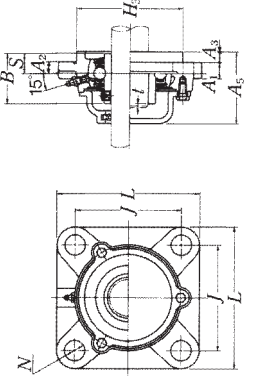
Square flanged unit, cast housing with spigot joint Set screw type



Cast dust cover type
Open end C-UCFS...D1
Closed end CM-UCFS...D1

Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch													Bolt size mm inch								
		L	J	A ₂	N	A ₃	A ₁	A	H ₃	A ₀	B	S	H ₀	A ₄	A ₅	A ₆	A ₇	A ₈	A ₉	A ₁₀			
85	UCFS317D1	260	204	24	31	20	27	74	220	100	96	40	M27										
3 1/4	UCFS317-304D1																						
3 5/16	UCFS317-305D1	10 1/4	8 1/2	15/16	1 1/32	29/32	1 1/16	2 29/32	8.6614	3 5/16	3.7795	1.575	1										
3 7/16	UCFS317-307D1																						
90	UCFS318D1	260	216	24	35	20	30	76	240	100	96	40	M30										
3 7/16	UCFS318-307D1																						
3 1/2	UCFS318-308D1	11 1/32	8 1/2	15/16	1 3/8	29/32	1 3/16	2 29/32	9.4488	3 5/16	3.7795	1.575	1 1/8										
95	UCFS319D1	290	228	39	35	20	30	94	250	121	103	41	M30										
3 7/8	UCFS319-310D1																						
3 11/16	UCFS319-311D1	11 13/32	8 3/4	1 7/32	1 3/8	29/32	1 3/16	3 45/64	9.8425	4 9/64	4.0551	1.614	1 1/8										
3 3/4	UCFS319-312D1																						
100	UCFS320D1	310	242	39	38	20	32	94	260	125	108	42	M33										
3 15/16	UCFS320-313D1																						
3 7/8	UCFS320-314D1	12 7/32	9 17/32	1 17/32	1 1/2	29/32	1 1/4	3 45/64	10.2362	4 9/64	4.2520	1.654	1 1/4										
3 15/16	UCFS320-315D1																						
4	UCFS320-400D1																						
105	UCFS321D1	310	242	39	38	20	32	94	260	127	112	44	M33										
110	UCFS322D1	340	266	35	41	25	35	96	300	131	117	46	M36										
120	UCFS324D1	370	290	35	41	30	40	110	330	140	126	51	M36										
130	UCFS326D1	410	320	35	41	30	45	115	360	146	135	54	M36										
140	UCFS328D1	450	350	45	41	30	55	125	400	161	145	59	M36										

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

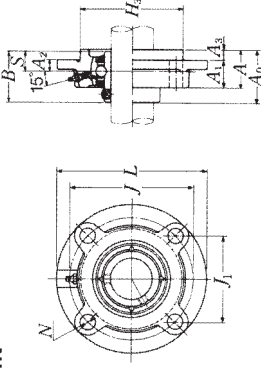


Cast dust cover type
Open end C-UCFS...D1
Closed end CM-UCFS...D1

Bearing number	Housing number	Unit number (*) cast dust cover type	Nominal dimensions		Mass of unit	
			t mm max.	A ₅ inch	kg lb	UCFS C(CM)
UC317D1	FS317D1	C(CM)-UCFS317D1	5	129	17	20
UC317-304D1	FS317D1	C(CM)-UCFS317-304D1				
UC317-305D1	FS317D1	C(CM)-UCFS317-305D1	19 1/64	5 5/64	37	44
UC317-307D1	FS317D1	C(CM)-UCFS317-307D1				
UC318D1	FS318D1	C(CM)-UCFS318D1	5	129	20	24
UC318-307D1	FS318D1	C(CM)-UCFS318-307D1	19 1/64	5 5/64	44	53
UC318-308D1	FS318D1	C(CM)-UCFS318-308D1				
UC319D1	FS319D1	C(CM)-UCFS319D1	5	149	24	28
UC319-310D1	FS319D1	C(CM)-UCFS319-310D1				
UC319-311D1	FS319D1	C(CM)-UCFS319-311D1	19 1/64	5 5/64	53	62
UC319-312D1	FS319D1	C(CM)-UCFS319-312D1				
UC320D1	FS320D1	C(CM)-UCFS320D1	5	154	29	34
UC320-313D1	FS320D1	C(CM)-UCFS320-313D1				
UC320-314D1	FS320D1	C(CM)-UCFS320-314D1	19 1/64	6 1/16	64	75
UC320-315D1	FS320D1	C(CM)-UCFS320-315D1				
UC320-400D1	FS320D1	C(CM)-UCFS320-400D1				
UC321D1	FS321D1	C(CM)-UCFS321D1	5	156	28	33
UC322D1	FS322D1	C(CM)-UCFS322D1	5	160	38	45
UC324D1	FS324D1	C(CM)-UCFS324D1	5	172	52	59
UC326D1	FS326D1	C(CM)-UCFS326D1	6	178	69	77
UC328D1	FS328D1	C(CM)-UCFS328D1	6	192	98	109

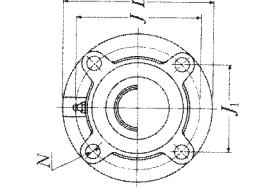
UCFC2

Round flanged unit, cast housing with spigot joint Set screw type

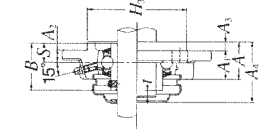


Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch													Bolt size mm inch	
		L	J	(J ₁)	A ₂	N	A ₃	A ₁	A	H ₃	A ₀	B	S	B	S	
12	UCFC201D1	100	78	55.2	10	12	5	20.5	25.5	62	33.3	31	12.7	M10		
1/2	UCFC201-008D1	3 ¹⁵ / ₁₆	3 ⁵ / ₁₆	2 ¹ / ₁₆	25 ³ / ₆₄	1 ¹⁵ / ₃₂	1 ¹⁹ / ₆₄	1 ¹⁹ / ₆₄	1	2.4409	1 ¹⁵ / ₁₆	1.2205	0.500	3/8		
15	UCFC202D1	100	78	55.2	10	12	5	20.5	25.5	62	33.3	31	12.7	M10		
9/16	UCFC202-009D1	3 ¹⁵ / ₁₆	3 ⁵ / ₁₆	2 ¹ / ₁₆	25 ³ / ₆₄	1 ¹⁵ / ₃₂	1 ¹⁹ / ₆₄	1 ¹⁹ / ₆₄	1	2.4409	1 ¹⁵ / ₁₆	1.2205	0.500	3/8		
5/8	UCFC202-010D1	3 ¹⁵ / ₁₆	3 ⁵ / ₁₆	2 ¹ / ₁₆	25 ³ / ₆₄	1 ¹⁵ / ₃₂	1 ¹⁹ / ₆₄	1 ¹⁹ / ₆₄	1	2.4409	1 ¹⁵ / ₁₆	1.2205	0.500	3/8		
17	UCFC203D1	100	78	55.2	10	12	5	20.5	25.5	62	33.3	31	12.7	M10		
11/16	UCFC203-011D1	3 ¹⁵ / ₁₆	3 ⁵ / ₁₆	2 ¹ / ₁₆	25 ³ / ₆₄	1 ¹⁵ / ₃₂	1 ¹⁹ / ₆₄	1 ¹⁹ / ₆₄	1	2.4409	1 ¹⁵ / ₁₆	1.2205	0.500	3/8		
20	UCFC204D1	100	78	55.2	10	12	5	20.5	25.5	62	33.3	31	12.7	M10		
3/4	UCFC204-012D1	3 ¹⁵ / ₁₆	3 ⁵ / ₁₆	2 ¹ / ₁₆	25 ³ / ₆₄	1 ¹⁵ / ₃₂	1 ¹⁹ / ₆₄	1 ¹⁹ / ₆₄	1	2.4409	1 ¹⁵ / ₁₆	1.2205	0.500	3/8		
25	UCFC205D1	115	90	63.6	10	12	6	21	27	70	35.8	34.1	14.3	M10		
19/16	UCFC205-013D1	4 ⁷ / ₃₂	3 ³⁵ / ₆₄	2 ¹ / ₂	25 ³ / ₆₄	1 ¹⁵ / ₃₂	1 ¹⁹ / ₆₄	1 ¹⁹ / ₆₄	1 ¹ / ₁₆	2.7559	1 ¹³ / ₃₂	1.3425	0.563	3/8		
7/8	UCFC205-014D1	4 ⁷ / ₃₂	3 ³⁵ / ₆₄	2 ¹ / ₂	25 ³ / ₆₄	1 ¹⁵ / ₃₂	1 ¹⁹ / ₆₄	1 ¹⁹ / ₆₄	1 ¹ / ₁₆	2.7559	1 ¹³ / ₃₂	1.3425	0.563	3/8		
15/16	UCFC205-015D1	4 ⁷ / ₃₂	3 ³⁵ / ₆₄	2 ¹ / ₂	25 ³ / ₆₄	1 ¹⁵ / ₃₂	1 ¹⁹ / ₆₄	1 ¹⁹ / ₆₄	1 ¹ / ₁₆	2.7559	1 ¹³ / ₃₂	1.3425	0.563	3/8		
1	UCFC205-100D1															
30	UCFC206D1	125	100	70.7	10	12	8	23	31	80	40.2	38.1	15.9	M10		
1 1/16	UCFC206-101D1															
1 1/8	UCFC206-102D1															
1 3/8	UCFC206-103D1															
1 1/4	UCFC206-104D1															
35	UCFC207D1	135	110	77.8	11	14	8	26	34	90	44.4	42.9	17.5	M12		
1 1/4	UCFC207-104D1															
1 5/8	UCFC207-105D1															
1 3/4	UCFC207-106D1															
1 7/8	UCFC207-107D1															
40	UCFC208D1	145	120	84.9	11	14	10	26	36	100	51.2	49.2	19	M12		
1 1/2	UCFC208-108D1															
1 9/16	UCFC208-109D1															
45	UCFC209D1	160	132	93.3	10	16	12	26	38	105	52.2	49.2	19	M14		
1 5/8	UCFC209-110D1															
1 11/16	UCFC209-111D1															
1 3/4	UCFC209-112D1															

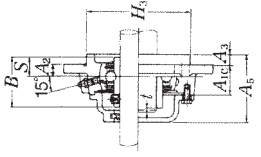
Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.



Pressed steel dust cover type
Open end
Z-UCFC...D1
Closed end
ZM-UCFC...D1



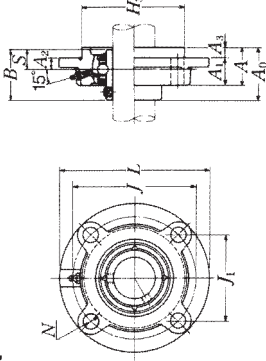
Cast dust cover type
Open end
C-UCFC...D1
Closed end
CM-UCFC...D1



Bearing number	Housing number	Unit number (1) pressed steel dust cover type	Unit number (1) cast dust cover type	Nominal dimensions mm inch			Mass of unit kg lb			
				t max.	A ₄	A _{1C}	A ₅	UCFC	Z(ZM) C(CM)	
UC201D1	FC204D1	Z(ZM)-UCFC201D1	C(CM)-UCFC201D1	2	38	20.5	46	0.8	0.8	0.9
UC201-008D1	FC204D1	Z(ZM)-UCFC201-008D1	C(CM)-UCFC201-008D1	5/64	1 1/2	19/16	1 19/16	1.8	1.8	2.0
UC202-009D1	FC204D1	Z(ZM)-UCFC202-009D1	C(CM)-UCFC202-009D1	2	38	20.5	46	0.8	0.8	0.9
UC202-010D1	FC204D1	Z(ZM)-UCFC202-010D1	C(CM)-UCFC202-010D1	5/64	1 1/2	19/16	1 19/16	1.8	1.8	2.0
UC203D1	FC204D1	Z(ZM)-UCFC203D1	C(CM)-UCFC203D1	2	38	20.5	46	0.8	0.8	0.9
UC203-011D1	FC204D1	Z(ZM)-UCFC203-011D1	C(CM)-UCFC203-011D1	5/64	1 1/2	19/16	1 19/16	1.8	1.8	2.0
UC204-012D1	FC204D1	Z(ZM)-UCFC204-012D1	C(CM)-UCFC204-012D1	2	38	20.5	46	0.7	0.7	0.9
UC205D1	FC205D1	Z(ZM)-UCFC205D1	C(CM)-UCFC205D1	2	40	22	51	1.0	1.0	1.2
UC205-013D1	FC205D1	Z(ZM)-UCFC205-013D1	C(CM)-UCFC205-013D1							
UC205-014D1	FC205D1	Z(ZM)-UCFC205-014D1	C(CM)-UCFC205-014D1	5/64	1 19/32	7/8	2	2.2	2.2	2.6
UC205-015D1	FC205D1	Z(ZM)-UCFC205-015D1	C(CM)-UCFC205-015D1							
UC205-100D1	FC205D1	Z(ZM)-UCFC205-100D1	C(CM)-UCFC205-100D1							
UC206D1	FC206D1	Z(ZM)-UCFC206D1	C(CM)-UCFC206D1	2	45	24.5	56	1.3	1.4	1.6
UC206-101D1	FC206D1	Z(ZM)-UCFC206-101D1	C(CM)-UCFC206-101D1							
UC206-102D1	FC206D1	Z(ZM)-UCFC206-102D1	C(CM)-UCFC206-102D1	5/64	1 3/4	31/32	2 13/64	2.9	3.1	3.5
UC206-103D1	FC206D1	Z(ZM)-UCFC206-103D1	C(CM)-UCFC206-103D1							
UC206-104D1	FC206D1	Z(ZM)-UCFC206-104D1	C(CM)-UCFC206-104D1							
UC207D1	FC207D1	Z(ZM)-UCFC207D1	C(CM)-UCFC207D1	3	49	26	59	1.6	1.7	1.9
UC207-104D1	FC207D1	Z(ZM)-UCFC207-104D1	C(CM)-UCFC207-104D1							
UC207-105D1	FC207D1	Z(ZM)-UCFC207-105D1	C(CM)-UCFC207-105D1	1/8	1 15/16	1 1/2	2 5/64	3.5	3.7	4.2
UC207-106D1	FC207D1	Z(ZM)-UCFC207-106D1	C(CM)-UCFC207-106D1							
UC207-107D1	FC207D1	Z(ZM)-UCFC207-107D1	C(CM)-UCFC207-107D1							
UC208D1	FC208D1	Z(ZM)-UCFC208D1	C(CM)-UCFC208D1	3	56	27.5	66	2.0	2.1	2.4
UC208-108D1	FC208D1	Z(ZM)-UCFC208-108D1	C(CM)-UCFC208-108D1	1/8	2 3/16	1 5/64	2 19/32	4.4	4.6	5.3
UC208-109D1	FC208D1	Z(ZM)-UCFC208-109D1	C(CM)-UCFC208-109D1							
UC209D1	FC209D1	Z(ZM)-UCFC209D1	C(CM)-UCFC209D1	3	57	28	70	2.7	2.7	3.2
UC209-110D1	FC209D1	Z(ZM)-UCFC209-110D1	C(CM)-UCFC209-110D1							
UC209-111D1	FC209D1	Z(ZM)-UCFC209-111D1	C(CM)-UCFC209-111D1	1/8	2 1/4	1 7/64	2 3/4	6.0	6.0	7.1
UC209-112D1	FC209D1	Z(ZM)-UCFC209-112D1	C(CM)-UCFC209-112D1							

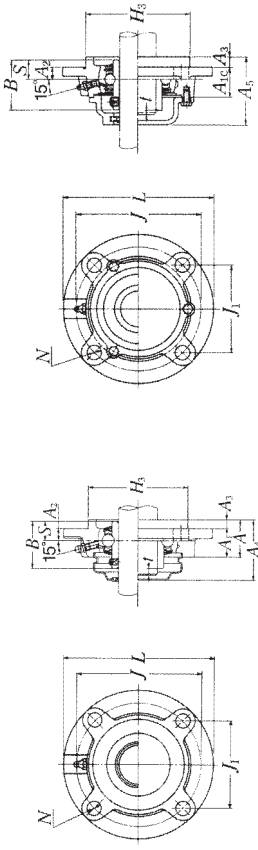
UCFC2

Round flanged unit, cast housing with spigot joint Set screw type



Shaft dia.	Unit number (1)	Nominal dimensions										Bolt size			
		L	J	(J ₁)	A ₂	N	A ₃	A ₁	A	H ₃	A ₀	B	S	mm	inch
50	UCFC210D1	165	138	97.6	10	16	12	28	40	110	54.6	51.6	19	M14	
1 1/16	UCFC210-113D1														
1 1/8	UCFC210-114D1	6 1/2	5 7/16	3 3/16	2 5/16	5/8	1 3/16	1 3/8	1 37/64	4.3907	2.0315	2.0315	0.748	1/2	
1 1/16	UCFC210-115D1														
2	UCFC210-200D1														
55	UCFC211D1	185	150	106.1	13	19	12	31	43	125	58.4	55.6	22.2	M16	
2	UCFC211-200D1														
2 1/16	UCFC211-201D1	7 9/32	5 29/32	4 11/64	3 3/4	3/4	1 5/16	1 11/16	1 11/16	4.9213	2 19/64	2.1890	0.874	5/8	
2 1/8	UCFC211-202D1														
2 3/16	UCFC211-203D1														
60	UCFC212D1	195	160	113.1	17	19	12	36	48	135	68.7	65.1	25.4	M16	
2 1/4	UCFC212-204D1														
2 1/16	UCFC212-205D1	7 7/16	6 19/64	4 29/64	4 5/8	3/4	1 13/16	1 13/16	1 5/8	5.3150	2 5/64	2.5630	1.000	5/8	
2 1/8	UCFC212-206D1														
2 1/16	UCFC212-207D1														
65	UCFC213D1	205	170	120.2	16	19	14	36	50	145	69.7	65.1	25.4	M16	
2 1/2	UCFC213-208D1	8 1/16	6 1/16	4 1/64	5/8	3/4	1 3/8	1 3/8	1 31/32	5.7087	2 3/4	2.5630	1.000	5/8	
2 1/8	UCFC213-209D1														
70	UCFC214D1	215	177	125.2	17	19	14	40	54	150	75.4	74.6	30.2	M16	
2 5/8	UCFC214-210D1														
2 1/16	UCFC214-211D1	8 5/16	6 3/16	4 29/64	4 5/8	3/4	1 3/8	1 3/8	1 3/8	5.9055	2 5/8	2.9370	1.189	5/8	
2 3/4	UCFC214-212D1														
75	UCFC215D1	220	184	130.1	18	19	16	40	56	160	78.5	77.8	33.3	M16	
2 1/16	UCFC215-213D1														
2 1/8	UCFC215-214D1	8 27/32	7 1/4	5 1/8	4 5/8	3/4	1 3/8	1 3/8	1 3/8	6.2992	3 3/32	3.0630	1.311	5/8	
2 1/16	UCFC215-215D1														
3	UCFC215-300D1														
80	UCFC216D1	240	200	141.4	18	23	16	42	58	170	83.3	82.6	33.3	M20	
3 1/16	UCFC216-301D1														
3 1/8	UCFC216-302D1	9 7/16	7 7/8	5 5/16	4 5/8	29/32	5/8	1 21/32	2 9/32	6.6929	3 9/32	3.2520	1.311	3/4	
3 3/16	UCFC216-303D1														

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.



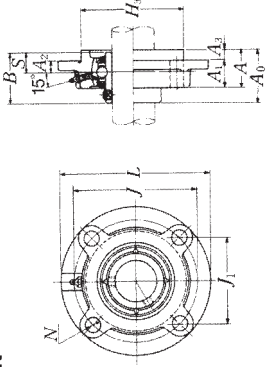
Pressed steel dust cover type
Open end Z-UCFC...D1
Closed end ZM-UCFC...D1

Cast dust cover type
Open end C-UCFC...D1
Closed end CM-UCFC...D1

Bearing number	Housing number	Unit number (1) pressed steel dust cover type	Unit number (1) cast dust cover type	Nominal dimensions			Mass of unit			
				t max.	A ₄	A _{1C}	A ₅	kg	lb	
UC210D1	FC210D1	Z(ZM)-UCFC210D1	C(CM)-UCFC210D1	3	60	29	72	3.0	3.1	3.6
UC210-113D1	FC210D1	Z(ZM)-UCFC210-113D1	C(CM)-UCFC210-113D1							
UC210-114D1	FC210D1	Z(ZM)-UCFC210-114D1	C(CM)-UCFC210-114D1	1/8	2 3/8	1 5/32	2 59/64	6.6	6.8	7.9
UC210-115D1	FC210D1	Z(ZM)-UCFC210-115D1	C(CM)-UCFC210-115D1							
UC210-200D1	FC210D1	Z(ZM)-UCFC210-200D1	C(CM)-UCFC210-200D1							
UC211D1	FC211D1	Z(ZM)-UCFC211D1	C(CM)-UCFC211D1	4	64	32.5	75	4.1	4.2	4.8
UC211-200D1	FC211D1	Z(ZM)-UCFC211-200D1	C(CM)-UCFC211-200D1							
UC211-201D1	FC211D1	Z(ZM)-UCFC211-201D1	C(CM)-UCFC211-201D1	5/32	2 1/2	1 9/32	2 61/64	9.0	9.3	11
UC211-202D1	FC211D1	Z(ZM)-UCFC211-202D1	C(CM)-UCFC211-202D1							
UC211-203D1	FC211D1	Z(ZM)-UCFC211-203D1	C(CM)-UCFC211-203D1							
UC212D1	FC212D1	Z(ZM)-UCFC212D1	C(CM)-UCFC212D1	4	74	38	86	4.9	5.1	5.9
UC212-204D1	FC212D1	Z(ZM)-UCFC212-204D1	C(CM)-UCFC212-204D1							
UC212-205D1	FC212D1	Z(ZM)-UCFC212-205D1	C(CM)-UCFC212-205D1	5/32	2 29/32	1 1/2	3 35/64	11	11	13
UC212-206D1	FC212D1	Z(ZM)-UCFC212-206D1	C(CM)-UCFC212-206D1							
UC212-207D1	FC212D1	Z(ZM)-UCFC212-207D1	C(CM)-UCFC212-207D1							
UC213D1	FC213D1	Z(ZM)-UCFC213D1	C(CM)-UCFC213D1	4	76	38	89.5	5.8	6.0	6.8
UC213-208D1	FC213D1	Z(ZM)-UCFC213-208D1	C(CM)-UCFC213-208D1	5/32	3	1 1/2	3 17/32	13	13	15
UC213-209D1	FC213D1	Z(ZM)-UCFC213-209D1	C(CM)-UCFC213-209D1							
UC214D1	FC214D1	Z(ZM)-UCFC214D1	C(CM)-UCFC214D1	4	39.5	98	98	7.0	7.0	8.0
UC214-210D1	FC214D1	Z(ZM)-UCFC214-210D1	C(CM)-UCFC214-210D1	5/32	1 9/16	3 5/64	3 5/64	15	15	18
UC214-211D1	FC214D1	Z(ZM)-UCFC214-211D1	C(CM)-UCFC214-211D1							
UC214-212D1	FC214D1	Z(ZM)-UCFC214-212D1	C(CM)-UCFC214-212D1							
UC215D1	FC215D1	Z(ZM)-UCFC215D1	C(CM)-UCFC215D1	4	43	102	7.4	7.4	7.4	8.8
UC215-213D1	FC215D1	Z(ZM)-UCFC215-213D1	C(CM)-UCFC215-213D1							
UC215-214D1	FC215D1	Z(ZM)-UCFC215-214D1	C(CM)-UCFC215-214D1	5/32	1 11/16	4 1/64	4 1/64	16	16	19
UC215-215D1	FC215D1	Z(ZM)-UCFC215-215D1	C(CM)-UCFC215-215D1							
UC215-300D1	FC215D1	Z(ZM)-UCFC215-300D1	C(CM)-UCFC215-300D1							
UC216D1	FC216D1	Z(ZM)-UCFC216D1	C(CM)-UCFC216D1	4	43	106	9.1	9.1	10	10
UC216-301D1	FC216D1	Z(ZM)-UCFC216-301D1	C(CM)-UCFC216-301D1							
UC216-302D1	FC216D1	Z(ZM)-UCFC216-302D1	C(CM)-UCFC216-302D1	5/32	1 11/16	4 11/64	4 11/64	20	20	22
UC216-303D1	FC216D1	Z(ZM)-UCFC216-303D1	C(CM)-UCFC216-303D1							

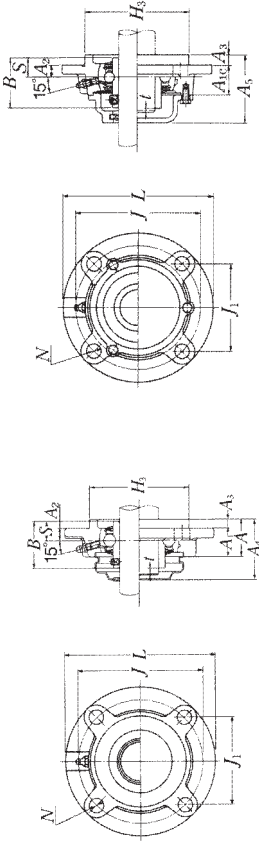
UCFC2

Round flanged unit, cast housing with spigot joint Set screw type



Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch											Bolt size mm inch		
		L	J	(J ₁)	A ₂	N	A ₃	A ₁	A	H ₃	A ₀	B	S	m	mm
85	UCFC217D1	250	208	147.1	18	23	18	45	63	180	87.6	85.7	34.1	M20	
3 1/4	UCFC217-304D1	9 7/32	8 3/16	5 5/16	45/64	29/32	45/64	1 25/64	2 3/64	7.0866	3 39/64	3.3740	1.343	3/4	
3 5/16	UCFC217-305D1														
3 7/16	UCFC217-307D1														
90	UCFC218D1	265	220	155.6	22	23	18	50	68	190	96.3	96	39.7	M20	
3 1/2	UCFC218-308D1	10 1/2	8 9/16	6 1/8	59/64	29/32	49/64	1 31/32	2 49/64	7.4803	3 77/64	3.7795	1.563	3/4	

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.



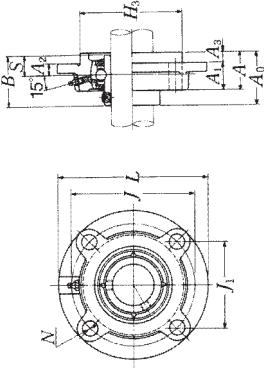
Pressed steel dust cover type Open end Z-UCFC...D1 Closed end ZM-UCFC...D1

Cast dust cover type Open end C-JCFC...D1 Closed end CM-UCFC...D1

Bearing number	Housing number	Unit number (*) pressed steel dust cover type	Unit number (*) cast dust cover type	Nominal dimensions mm inch			Mass of unit kg lb	
				t max.	A ₁	A _{1JC}	A ₅	UCFC
UC217D1	FC217D1	FC217D1	C(CM)-UCFC217D1	5	45.5	114	11	12
UC217-304D1	FC217D1	FC217D1	C(CM)-UCFC217-304D1	19/64	1 5/64	4 3/64	24	26
UC217-305D1	FC217D1	FC217D1	C(CM)-UCFC217-305D1					
UC217-307D1	FC217D1	FC217D1	C(CM)-UCFC217-307D1					
UC218D1	FC218D1	FC218D1	C(CM)-UCFC218D1	5	50	122	13	15
UC218-308D1	FC218D1	FC218D1	C(CM)-UCFC218-308D1	19/64	1 31/32	4 5/64	29	33

UCFCX

Round flanged unit, cast housing with spigot joint
Set screw type



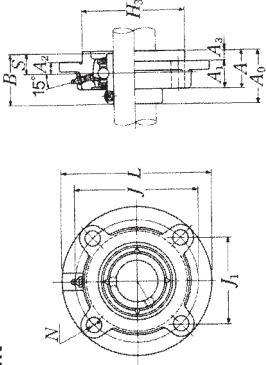
Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch													Bolt size	
		L	J	(J ₁)	A ₂	N	A ₃	A ₁	A	H ₃	A ₀	B	S	mm	inch	
25	UCFCX05D1	111	92	65.1	10	9.5	6	24	30	76	38.2	38.1	15.9	M8		
¹⁵ / ₁₆	UCFCX05-013D1															
⁷ / ₈	UCFCX05-014D1															
¹⁵ / ₁₆	UCFCX05-015D1	4 ³ / ₈	3 ⁵ / ₈	2 ⁹ / ₁₆	²⁹ / ₆₄	³ / ₈	¹ / ₄	¹⁵ / ₁₆	¹ / ₁₆	2.9921	1 ¹ / ₂	1.5000	0.626	⁵ / ₁₆		
1	UCFCX05-100D1															
30	UCFCX06D1	127	105	74.2	8	12	9.5	22.5	32	85	42.9	42.9	17.5	M10		
¹ / ₁₆	UCFCX06-101D1															
¹ / ₈	UCFCX06-102D1															
¹ / ₁₆	UCFCX06-103D1	5	4 ⁵ / ₆₄	2 ³⁹ / ₆₄	⁵ / ₁₆	¹⁵ / ₃₂	³ / ₈	⁷ / ₈	¹ / ₁₆	3.3465	1 ¹¹ / ₁₆	1.6890	0.689	³ / ₈		
¹ / ₄	UCFCX06-104D1															
35	UCFCX07D1	133	111	78.5	9	12	11	26	37	92	50.2	49.2	19	M10		
¹ / ₁₆	UCFCX07-105D1															
¹ / ₈	UCFCX07-106D1	5 ¹ / ₄	4 ⁹ / ₈	3 ⁹ / ₃₂	²⁹ / ₆₄	¹⁵ / ₃₂	⁷ / ₁₆	1 ¹ / ₃₂	¹ / ₁₆	3.6220	1 ³¹ / ₃₂	1.9370	0.748	⁹ / ₁₆		
¹ / ₁₆	UCFCX07-107D1															
40	UCFCX08D1	133	111	78.5	9	12	11	26	37	92	50.2	49.2	19	M10		
¹ / ₂	UCFCX08-108D1															
¹ / ₁₆	UCFCX08-109D1	5 ¹ / ₄	4 ⁹ / ₈	3 ⁹ / ₃₂	²⁹ / ₆₄	¹⁵ / ₃₂	⁷ / ₁₆	1 ¹ / ₃₂	¹ / ₁₆	3.6220	1 ³¹ / ₃₂	1.9370	0.748	⁹ / ₁₆		
45	UCFCX09D1	155	130	91.9	8	14	12	25	37	108	52.6	51.6	19	M12		
¹ / ₈	UCFCX09-110D1															
¹ / ₁₆	UCFCX09-111D1															
¹ / ₄	UCFCX09-112D1	6 ³ / ₃₂	5 ¹ / ₈	3 ⁵ / ₈	⁵ / ₁₆	³⁵ / ₆₄	¹⁵ / ₃₂	³¹ / ₃₂	¹ / ₁₆	4.2520	2 ⁵ / ₆₄	2.0315	0.748	⁷ / ₁₆		
¹ / ₁₆	UCFCX09-113D1															
50	UCFCX10D1	162	136	96.2	7	14	16	25	41	118	56.4	55.6	22.2	M12		
¹ / ₈	UCFCX10-114D1															
¹ / ₁₆	UCFCX10-115D1	6 ³ / ₈	5 ³ / ₈	3 ²⁵ / ₃₂	⁹ / ₃₂	³⁵ / ₆₄	⁵ / ₈	³¹ / ₃₂	¹ / ₁₆	4.6457	2 ⁷ / ₃₂	2.1890	0.874	⁷ / ₁₆		
2	UCFCX10-200D1															

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number (*)	Mass of unit kg lb
UCX05D1	FCX05D1	1.2
UCX05-013D1	FCX05D1	
UCX05-014D1	FCX05D1	2.6
UCX05-015D1	FCX05D1	
UCX05-100D1	FCX05D1	
UCX06D1	FCX06D1	1.7
UCX06-101D1	FCX06D1	
UCX06-102D1	FCX06D1	3.7
UCX06-103D1	FCX06D1	
UC207-104D1	FCX06D1	
UCX07D1	FCX07D1	1.9
UCX07-105D1	FCX07D1	
UCX07-106D1	FCX07D1	4.2
UCX07-107D1	FCX07D1	
UCX08D1	FCX08D1	2.0
UCX08-108D1	FCX08D1	4.4
UCX08-109D1	FCX08D1	
UCX09D1	FCX09D1	2.6
UCX09-110D1	FCX09D1	
UCX09-111D1	FCX09D1	5.7
UCX09-112D1	FCX09D1	
UC210-113D1	FCX09D1	
UCX10D1	FCX10D1	3.1
UCX10-114D1	FCX10D1	
UCX10-115D1	FCX10D1	6.8
UC211-200D1	FCX10D1	

UCFCX

Round flanged unit, cast housing with spigot joint
Set screw type



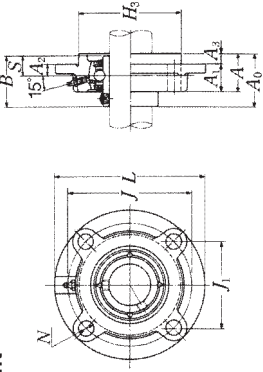
Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch													Bolt size mm inch	
		L	J	(J ₁)	A ₂	N	A ₃	A ₁	A	H ₃	A ₀	B	S	mm	inch	
55	UCFCX11D1	180	152	107.5	4	16	22	26	48	127	65.7	65.1	25.4	M14		
2 ¹ / ₁₆	UCFCX11-201D1															
2 ¹ / ₈	UCFCX11-202D1															
2 ³ / ₁₆	UCFCX11-203D1	7 ³ / ₃₂	5 ⁶³ / ₆₄	4 ¹⁵ / ₆₄	5 ⁵ / ₃₂	5 ⁵ / ₈	1 ¹ / ₃₂	1 ⁵⁷ / ₆₄	5.0000	2 ¹⁹ / ₃₂	2.5630	1.000	1/2			
2 ¹ / ₄	UCFCX11-204D1															
2 ⁵ / ₁₆	UCFCX11-205D1															
60	UCFCX12D1	194	165	116.7	11	16	20	33	53	140	70.7	65.1	25.4	M14		
2 ³ / ₈	UCFCX12-206D1															
2 ¹ / ₈	UCFCX12-207D1	7 ⁷ / ₈	6 ¹ / ₂	4 ⁹ / ₃₂	7 ¹ / ₁₆	5 ⁵ / ₈	2 ⁵ / ₃₂	1 ⁵ / ₁₆	2 ⁵ / ₆₄	5.5118	2 ²⁵ / ₃₂	2.5630	1.000	1/2		
65	UCFCX13D1	194	165	116.7	11	16	20	33	53	140	75.4	74.6	30.2	M14		
2 ¹ / ₂	UCFCX13-208D1															
2 ¹ / ₈	UCFCX13-209D1	7 ⁷ / ₈	6 ¹ / ₂	4 ⁹ / ₃₂	7 ¹ / ₁₆	5 ⁵ / ₈	2 ⁵ / ₃₂	1 ⁵ / ₁₆	2 ⁵ / ₆₄	5.5118	2 ³¹ / ₃₂	2.9370	1.189	1/2		
70	UCFCX14D1	222	190	134.4	14	19	20	36	56	164	78.5	77.8	33.3	M16		
2 ⁵ / ₈	UCFCX14-210D1															
2 ¹ / ₁₆	UCFCX14-211D1	8 ³ / ₄	7 ⁹ / ₆₄	5 ⁹ / ₃₂	3 ³ / ₄	2 ⁵ / ₈	1 ¹³ / ₃₂	2 ¹³ / ₆₄	6.4567	3 ³ / ₃₂	3.0630	1.311	5/8			
2 ³ / ₄	UCFCX14-212D1															
75	UCFCX15D1	222	190	134.4	12	19	22	35	57	164	83.3	82.6	33.3	M16		
2 ¹⁵ / ₁₆	UCFCX15-213D1															
2 ⁷ / ₈	UCFCX15-214D1	8 ³ / ₄	7 ⁹ / ₆₄	5 ⁹ / ₃₂	1 ⁵ / ₈	2 ³ / ₄	1 ⁹ / ₈	2 ¹ / ₄	6.4567	3 ⁹ / ₃₂	3.2520	1.311	5/8			
2 ¹⁵ / ₁₆	UCFCX15-215D1															
3	UCFCX15-300D1															
80	UCFCX16D1	260	219	154.9	10	23	25	36	61	186	86.6	85.7	34.1	M20		
3 ¹ / ₁₆	UCFCX16-301D1															
3 ¹ / ₈	UCFCX16-302D1	10 ¹ / ₄	8 ⁵ / ₈	6 ³ / ₃₂	2 ²⁹ / ₆₄	2 ²⁹ / ₃₂	6 ³ / ₁₆	1 ¹³ / ₃₂	2 ¹³ / ₆₄	7.3228	3 ¹³ / ₃₂	3.3740	1.343	3/4		
3 ³ / ₁₆	UCFCX16-303D1															
3 ¹ / ₄	UCFCX16-304D1															
85	UCFCX17D1	260	219	154.9	10	23	25	36	61	186	91.3	96	39.7	M20		
3 ⁵ / ₁₆	UCFCX17-305D1															
3 ⁷ / ₁₆	UCFCX17-307D1	10 ¹ / ₄	8 ⁵ / ₈	6 ³ / ₃₂	2 ²⁹ / ₆₄	2 ²⁹ / ₃₂	6 ³ / ₁₆	1 ¹³ / ₃₂	2 ¹³ / ₆₄	7.3228	3 ¹³ / ₃₂	3.7795	1.563	3/4		

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number (*)	Mass of unit kg lb
UCX11D1	FCX11D1	4.2
UCX11-201D1	FCX11D1	
UCX11-202D1	FCX11D1	
UCX11-203D1	FCX11D1	9.3
UC212-204D1	FCX11D1	
UC212-205D1	FCX11D1	
UCX12D1	FCX12D1	5.5
UCX12-206D1	FCX12D1	
UCX12-207D1	FCX12D1	12
UCX13D1	FCX13D1	5.7
UCX13-208D1	FCX13D1	
UCX13-209D1	FCX13D1	13
UCX14D1	FCX14D1	7.3
UCX14-210D1	FCX14D1	
UCX14-211D1	FCX14D1	16
UCX14-212D1	FCX14D1	
UCX15D1	FCX15D1	8.0
UCX15-213D1	FCX15D1	
UCX15-214D1	FCX15D1	18
UCX15-215D1	FCX15D1	
UCX15-300D1	FCX15D1	
UCX16D1	FCX16D1	12
UCX16-301D1	FCX16D1	
UCX16-302D1	FCX16D1	26
UCX16-303D1	FCX16D1	
UC217-304D1	FCX16D1	
UCX17D1	FCX17D1	12
UCX17-305D1	FCX17D1	
UCX17-307D1	FCX17D1	26

UCFCX

Round flanged unit, cast housing with spigot joint
Set screw type



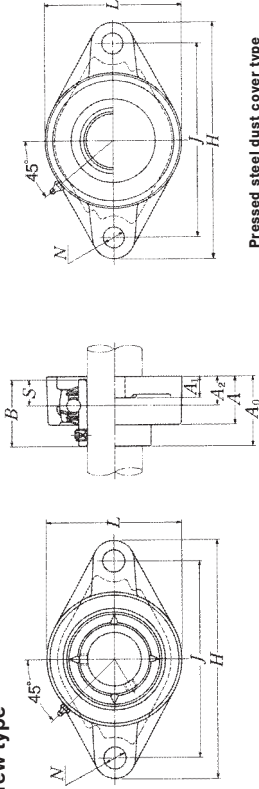
Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch											Bolt size mm inch		
		L	J	J ₁	A ₂	N	A ₃	A ₁	A	H ₃	A ₀	B	S	mm	inch
90	UCFCX18D1	260	219	154.9	12	23	28	43	71	186	101.1	104	42.9	M20	
3 7/16 3 1/2	UCFCX18-307D1 UCFCX18-308D1	10 1/4 10 1/2	8 3/8 8 1/2	6 3/8 6 1/2	1 5/8 1 3/4	29/32 29/32	1 7/64 1 1/16	2 5/64 2 5/64	7.3228	3 39/64	4.0945	1.689	3/4		
100	UCFCX20D1	276	238	168.3	22	23	28	66	94	206	118.3	117.5	49.2	M20	
3 9/16 3 7/8	UCFCX20-313D1 UCFCX20-314D1	10 7/8 10 7/8	9 3/8 9 1/2	6 5/8 6 3/4	29/32 29/32	1 7/64 1 7/64	2 1/32 2 1/32	3 5/64 3 5/64	8.1102	4 21/32	4.6260	1.937	3/4		
3 5/8 4	UCFCX20-315D1 UCFCX20-400D1														

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number (1)	Mass of unit kg lb
UCX18D1	FCX18D1	12
UCX18-307D1	FCX18D1	26
UCX18-308D1	FCX18D1	
UCX20D1	FCX20D1	18
UCX20-313D1	FCX20D1	
UCX20-314D1	FCX20D1	40
UCX20-315D1	FCX20D1	
UCX20-400D1	FCX20D1	

UCFL2

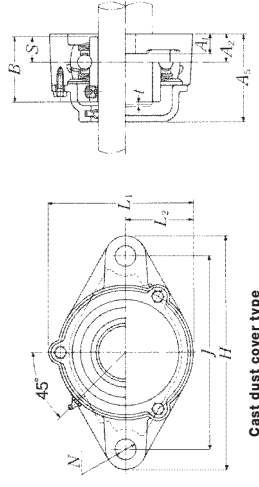
Rhombus flanged unit, cast housing Set screw type



Pressed steel dust cover type
Open end C-UCFL...D1
Closed end CM-UCFL...D1

Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch											Bolt size mm inch	Bearing number
		H	J	A ₂	A ₁	A	N	L	A ₀	B	S	L		
12	UCFL201D1	113	90	15	11	25.5	12	60	33.3	31	12.7	M10	UC201D1	
1/2	UCFL201-008D1	4 ⁷ / ₁₆	3 ³⁵ / ₆₄	19 ³ / ₁₆	7 ¹ / ₁₆	1	15 ¹⁵ / ₃₂	2 ³ / ₈	1 ⁵ / ₁₆	1.2205	0.500	3 ³ / ₈	UC201-008D1	
15	UCFL202D1	113	90	15	11	25.5	12	60	33.3	31	12.7	M10	UC202D1	
9 ¹⁶ / ₈	UCFL202-009D1	4 ⁷ / ₁₆	3 ³⁵ / ₆₄	19 ³ / ₁₆	7 ¹ / ₁₆	1	15 ¹⁵ / ₃₂	2 ³ / ₈	1 ⁵ / ₁₆	1.2205	0.500	3 ³ / ₈	UC202-009D1	
5 ⁸ / ₈	UCFL202-010D1	4 ⁷ / ₁₆	3 ³⁵ / ₆₄	19 ³ / ₁₆	7 ¹ / ₁₆	1	15 ¹⁵ / ₃₂	2 ³ / ₈	1 ⁵ / ₁₆	1.2205	0.500	3 ³ / ₈	UC202-010D1	
17	UCFL203D1	113	90	15	11	25.5	12	60	33.3	31	12.7	M10	UC203D1	
11 ¹⁶ / ₁₆	UCFL203-011D1	4 ⁷ / ₁₆	3 ³⁵ / ₆₄	19 ³ / ₁₆	7 ¹ / ₁₆	1	15 ¹⁵ / ₃₂	2 ³ / ₈	1 ⁵ / ₁₆	1.2205	0.500	3 ³ / ₈	UC203-011D1	
20	UCFL204D1	113	90	15	11	25.5	12	60	33.3	31	12.7	M10	UC204D1	
3 ⁴ / ₄	UCFL204-012D1	4 ⁷ / ₁₆	3 ³⁵ / ₆₄	19 ³ / ₁₆	7 ¹ / ₁₆	1	15 ¹⁵ / ₃₂	2 ³ / ₈	1 ⁵ / ₁₆	1.2205	0.500	3 ³ / ₈	UC204-012D1	
25	UCFL205D1	130	99	16	13	27	16	68	35.8	34.1	14.3	M14	UC205D1	
19 ¹⁶ / ₁₆	UCFL205-013D1	5 ¹ / ₈	3 ³⁷ / ₆₄	5 ⁵ / ₈	1 ¹ / ₁₆	1 ¹ / ₁₆	5 ⁵ / ₈	2 ¹¹ / ₁₆	1 ¹⁹ / ₃₂	1.3425	0.563	1 ¹ / ₂	UC205-013D1	
7 ⁸ / ₈	UCFL205-014D1	5 ¹ / ₈	3 ³⁷ / ₆₄	5 ⁵ / ₈	1 ¹ / ₁₆	1 ¹ / ₁₆	5 ⁵ / ₈	2 ¹¹ / ₁₆	1 ¹⁹ / ₃₂	1.3425	0.563	1 ¹ / ₂	UC205-014D1	
19 ¹⁶ / ₁₆	UCFL205-015D1	5 ¹ / ₈	3 ³⁷ / ₆₄	5 ⁵ / ₈	1 ¹ / ₁₆	1 ¹ / ₁₆	5 ⁵ / ₈	2 ¹¹ / ₁₆	1 ¹⁹ / ₃₂	1.3425	0.563	1 ¹ / ₂	UC205-015D1	
1	UCFL205-100D1	148	117	18	13	31	16	80	40.2	38.1	15.9	M14	UC205-100D1	
30	UCFL206D1	148	117	18	13	31	16	80	40.2	38.1	15.9	M14	UC206D1	
1 ¹⁶ / ₁₆	UCFL206-101D1	5 ¹³ / ₁₆	4 ³⁹ / ₆₄	4 ⁴⁵ / ₆₄	1 ¹ / ₂	1 ¹ / ₂	5 ⁵ / ₈	3 ³ / ₃₂	1 ³⁷ / ₆₄	1.5000	0.626	1 ¹ / ₂	UC206-101D1	
1 ⁸ / ₈	UCFL206-102D1	5 ¹³ / ₁₆	4 ³⁹ / ₆₄	4 ⁴⁵ / ₆₄	1 ¹ / ₂	1 ¹ / ₂	5 ⁵ / ₈	3 ³ / ₃₂	1 ³⁷ / ₆₄	1.5000	0.626	1 ¹ / ₂	UC206-102D1	
1 ³ / ₁₆	UCFL206-103D1	5 ¹³ / ₁₆	4 ³⁹ / ₆₄	4 ⁴⁵ / ₆₄	1 ¹ / ₂	1 ¹ / ₂	5 ⁵ / ₈	3 ³ / ₃₂	1 ³⁷ / ₆₄	1.5000	0.626	1 ¹ / ₂	UC206-103D1	
1 ¹ / ₄	UCFL206-104D1	5 ¹³ / ₁₆	4 ³⁹ / ₆₄	4 ⁴⁵ / ₆₄	1 ¹ / ₂	1 ¹ / ₂	5 ⁵ / ₈	3 ³ / ₃₂	1 ³⁷ / ₆₄	1.5000	0.626	1 ¹ / ₂	UC206-104D1	
35	UCFL207D1	161	130	19	15	34	16	90	44.4	42.9	17.5	M14	UC207D1	
1 ¹ / ₄	UCFL207-104D1	6 ¹ / ₃₂	5 ⁵ / ₈	3 ¹ / ₄	19 ¹⁹ / ₃₂	1 ¹ / ₂	5 ⁵ / ₈	3 ³ / ₃₂	1 ³ / ₄	1.6690	0.689	1 ¹ / ₂	UC207-104D1	
1 ⁹ / ₁₆	UCFL207-105D1	6 ¹ / ₃₂	5 ⁵ / ₈	3 ¹ / ₄	19 ¹⁹ / ₃₂	1 ¹ / ₂	5 ⁵ / ₈	3 ³ / ₃₂	1 ³ / ₄	1.6690	0.689	1 ¹ / ₂	UC207-105D1	
1 ³ / ₈	UCFL207-106D1	6 ¹ / ₃₂	5 ⁵ / ₈	3 ¹ / ₄	19 ¹⁹ / ₃₂	1 ¹ / ₂	5 ⁵ / ₈	3 ³ / ₃₂	1 ³ / ₄	1.6690	0.689	1 ¹ / ₂	UC207-106D1	
1 ¹ / ₁₆	UCFL207-107D1	6 ¹ / ₃₂	5 ⁵ / ₈	3 ¹ / ₄	19 ¹⁹ / ₃₂	1 ¹ / ₂	5 ⁵ / ₈	3 ³ / ₃₂	1 ³ / ₄	1.6690	0.689	1 ¹ / ₂	UC207-107D1	
40	UCFL208D1	175	144	21	15	36	16	100	51.2	49.2	19	M14	UC208D1	
1 ¹ / ₂	UCFL208-108D1	6 ⁷ / ₈	5 ⁴⁹ / ₆₄	5 ⁵⁹ / ₆₄	19 ¹⁹ / ₃₂	1 ¹ / ₂	5 ⁵ / ₈	3 ¹⁵ / ₁₆	2 ¹ / ₁₆	1.9370	0.748	1 ¹ / ₂	UC208-108D1	
1 ⁹ / ₁₆	UCFL208-109D1	6 ⁷ / ₈	5 ⁴⁹ / ₆₄	5 ⁵⁹ / ₆₄	19 ¹⁹ / ₃₂	1 ¹ / ₂	5 ⁵ / ₈	3 ¹⁵ / ₁₆	2 ¹ / ₁₆	1.9370	0.748	1 ¹ / ₂	UC208-109D1	

Notes (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

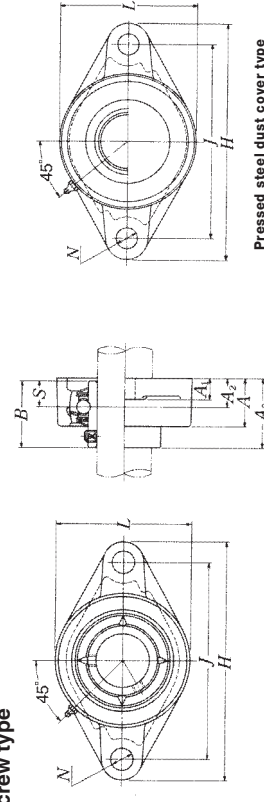


Cast dust cover type
Open end C-UCFL...D1
Closed end CM-UCFL...D1

Housing number	Unit number (*) pressed steel dust cover type	Unit number (*) cast dust cover type	Nominal dimensions mm inch					Mass of unit kg lb		
			t max.	A ₄	A ₅	L ₁	L ₂	UCFL	C(CM)	
FL204D1	Z(ZM)-UCFL201D1	C(CM)-UCFL201D1	2	38	46	67	30	0.5	0.5	0.6
FL204D1	Z(ZM)-UCFL201-008D1	C(CM)-UCFL201-008D1	5 ⁵ / ₆₄	1 ¹ / ₂	1 ¹³ / ₁₆	2 ⁵ / ₈	1 ³ / ₁₆	1.1	1.1	1.3
FL204D1	Z(ZM)-UCFL202D1	C(CM)-UCFL202D1	2	38	46	67	30	0.5	0.5	0.6
FL204D1	Z(ZM)-UCFL202-009D1	C(CM)-UCFL202-009D1	5 ⁵ / ₆₄	1 ¹ / ₂	1 ¹³ / ₁₆	2 ⁵ / ₈	1 ³ / ₁₆	1.1	1.1	1.3
FL204D1	Z(ZM)-UCFL202-010D1	C(CM)-UCFL202-010D1	5 ⁵ / ₆₄	1 ¹ / ₂	1 ¹³ / ₁₆	2 ⁵ / ₈	1 ³ / ₁₆	1.1	1.1	1.3
FL204D1	Z(ZM)-UCFL203D1	C(CM)-UCFL203D1	2	38	46	67	30	0.5	0.5	0.6
FL204D1	Z(ZM)-UCFL203-011D1	C(CM)-UCFL203-011D1	5 ⁵ / ₆₄	1 ¹ / ₂	1 ¹³ / ₁₆	2 ⁵ / ₈	1 ³ / ₁₆	1.1	1.1	1.3
FL204D1	Z(ZM)-UCFL204D1	C(CM)-UCFL204D1	2	38	46	67	30	0.4	0.4	0.6
FL204D1	Z(ZM)-UCFL204-012D1	C(CM)-UCFL204-012D1	5 ⁵ / ₆₄	1 ¹ / ₂	1 ¹³ / ₁₆	2 ⁵ / ₈	1 ³ / ₁₆	0.9	0.9	1.3
FL205D1	Z(ZM)-UCFL205D1	C(CM)-UCFL205D1	2	40	51	74	34	0.6	0.6	0.8
FL205D1	Z(ZM)-UCFL205-013D1	C(CM)-UCFL205-013D1	5 ⁵ / ₆₄	1 ¹⁹ / ₃₂	2	2 ²⁹ / ₃₂	1 ¹¹ / ₃₂	1.3	1.3	1.8
FL205D1	Z(ZM)-UCFL205-014D1	C(CM)-UCFL205-014D1	5 ⁵ / ₆₄	1 ¹⁹ / ₃₂	2	2 ²⁹ / ₃₂	1 ¹¹ / ₃₂	1.3	1.3	1.8
FL205D1	Z(ZM)-UCFL205-015D1	C(CM)-UCFL205-015D1	5 ⁵ / ₆₄	1 ¹⁹ / ₃₂	2	2 ²⁹ / ₃₂	1 ¹¹ / ₃₂	1.3	1.3	1.8
FL205D1	Z(ZM)-UCFL205-100D1	C(CM)-UCFL205-100D1	2	45	56	85	40	0.9	0.9	1.2
FL206D1	Z(ZM)-UCFL206D1	C(CM)-UCFL206D1	2	45	56	85	40	2.0	2.0	2.6
FL206D1	Z(ZM)-UCFL206-102D1	C(CM)-UCFL206-102D1	5 ⁵ / ₆₄	1 ³ / ₄	2 ¹ / ₃₂	3 ¹ / ₃₂	1 ¹ / ₁₆	2.6	2.6	3.1
FL206D1	Z(ZM)-UCFL206-103D1	C(CM)-UCFL206-103D1	5 ⁵ / ₆₄	1 ³ / ₄	2 ¹ / ₃₂	3 ¹ / ₃₂	1 ¹ / ₁₆	2.6	2.6	3.1
FL206D1	Z(ZM)-UCFL206-104D1	C(CM)-UCFL206-104D1	5 ⁵ / ₆₄	1 ³ / ₄	2 ¹ / ₃₂	3 ¹ / ₃₂	1 ¹ / ₁₆	2.6	2.6	3.1
FL207D1	Z(ZM)-UCFL207D1	C(CM)-UCFL207D1	3	49	59	97	45	1.2	1.2	1.4
FL207D1	Z(ZM)-UCFL207-104D1	C(CM)-UCFL207-104D1	7 ¹ / ₈	1 ¹⁵ / ₁₆	2 ⁵ / ₁₆	3 ³ / ₁₆	1 ²⁵ / ₃₂	2.6	2.6	3.1
FL207D1	Z(ZM)-UCFL207-105D1	C(CM)-UCFL207-105D1	7 ¹ / ₈	1 ¹⁵ / ₁₆	2 ⁵ / ₁₆	3 ³ / ₁₆	1 ²⁵ / ₃₂	2.6	2.6	3.1
FL207D1	Z(ZM)-UCFL207-106D1	C(CM)-UCFL207-106D1	7 ¹ / ₈	1 ¹⁵ / ₁₆	2 ⁵ / ₁₆	3 ³ / ₁₆	1 ²⁵ / ₃₂	2.6	2.6	3.1
FL207D1	Z(ZM)-UCFL207-107D1	C(CM)-UCFL207-107D1	7 ¹ / ₈	1 ¹⁵ / ₁₆	2 ⁵ / ₁₆	3 ³ / ₁₆	1 ²⁵ / ₃₂	2.6	2.6	3.1
FL208D1	Z(ZM)-UCFL208D1	C(CM)-UCFL208D1	3	56	66	106	50	1.5	1.5	1.9
FL208D1	Z(ZM)-UCFL208-108D1	C(CM)-UCFL208-108D1	1 ¹ / ₈	2 ³ / ₁₆	2 ¹⁹ / ₃₂	4 ³ / ₁₆	1 ³¹ / ₃₂	3.3	3.3	4.2
FL208D1	Z(ZM)-UCFL208-109D1	C(CM)-UCFL208-109D1	1 ¹ / ₈	2 ³ / ₁₆	2 ¹⁹ / ₃₂	4 ³ / ₁₆	1 ³¹ / ₃₂	3.3	3.3	4.2

UCFL2

Rhombus flanged unit, cast housing Set screw type

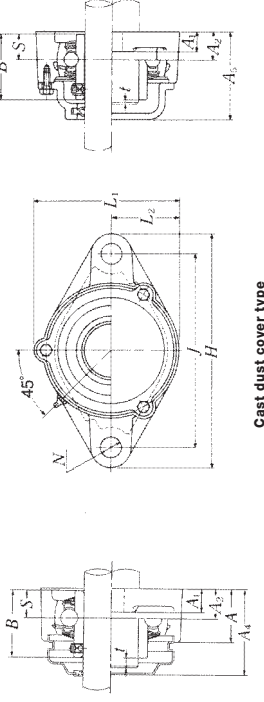


Pressed steel dust cover type
Open end Z-UCFL...D1
Closed end ZM-UCFL...D1

Cast dust cover type
Open end C-UCFL...D1
Closed end CM-UCFL...D1

Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch											Bearing number	Bolt size mm inch
		H	J	A ₂	A ₁	A	N	L	A ₀	B	S			
45	UCFL209D1	188	148	22	16	38	19	108	52.2	49.2	19		UC209D1	M16
1 5/8	UCFL209-110D1												UC209-110D1	
1 1/8	UCFL209-111D1	7 19/32	5 59/64	5/8	1 1/2	3/4	4 1/4	2 1/8	1.9370	0.748	5/8		UC209-111D1	5/8
1 3/4	UCFL209-112D1												UC209-112D1	
50	UCFL210D1	197	157	22	16	40	19	115	54.6	51.6	19		UC210D1	M16
1 13/16	UCFL210-113D1												UC210-113D1	
1 7/8	UCFL210-114D1	7 3/4	6 5/8	55/64	5/8	1 9/16	3/4	4 17/32	2 5/32	2.0315	0.748	5/8	UC210-114D1	5/8
1 9/8	UCFL210-115D1												UC210-115D1	
2	UCFL210-200D1												UC210-200D1	
55	UCFL211D1	224	184	25	18	43	19	130	58.4	55.6	22.2		UC211D1	M16
2	UCFL211-200D1												UC211-200D1	
2 1/8	UCFL211-201D1	8 9/16	7 1/4	65/64	25/32	1 11/16	3/4	5 1/8	2 5/8	2.1890	0.874	5/8	UC211-201D1	5/8
2 1/8	UCFL211-202D1												UC211-202D1	
2 1/8	UCFL211-203D1												UC211-203D1	
60	UCFL212D1	250	202	29	18	48	23	140	68.7	65.1	25.4		UC212D1	M20
2 1/4	UCFL212-204D1												UC212-204D1	
2 5/8	UCFL212-205D1	9 7/32	7 5/8	1 5/8	25/32	1 1/8	29/32	5 1/2	2 5/8	2.5630	1.000	3/4	UC212-205D1	3/4
2 5/8	UCFL212-206D1												UC212-206D1	
2 7/8	UCFL212-207D1												UC212-207D1	
65	UCFL213D1	258	210	30	22	50	23	155	69.7	65.1	25.4		UC213D1	M20
2 1/2	UCFL213-208D1	10 5/32	8 7/64	1 3/8	7/8	1 31/32	29/32	6 3/32	2 3/4	2.5630	1.000	3/4	UC213-208D1	3/4
2 5/8	UCFL213-209D1												UC213-209D1	
70	UCFL214D1	265	216	31	22	54	23	160	75.4	74.6	30.2		UC214D1	M20
2 5/8	UCFL214-210D1												UC214-210D1	
2 1 1/8	UCFL214-211D1	10 1/16	8 1/2	1 1/32	7/8	2 1/8	29/32	6 5/16	2 3/8	2.9370	1.189	3/4	UC214-211D1	3/4
2 3/4	UCFL214-212D1												UC214-212D1	

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

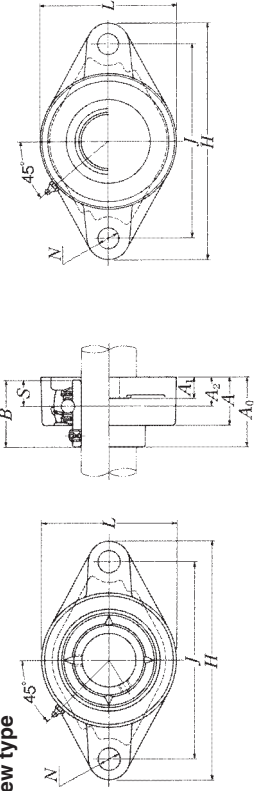


Cast dust cover type
Open end C-UCFL...D1
Closed end CM-UCFL...D1

Housing number	Unit number (1) pressed steel dust cover type	Unit number (1) cast dust cover type	Nominal dimensions mm inch						Mass of unit	
			t max.	A ₄	A ₅	L ₁	L ₂	UCFL	Z(M)	C(M)
FL209D1	Z(ZM)-UCFL209D1	C(CM)-UCFL209D1	3	57	70	113	54	1.8	1.9	2.3
FL209D1	Z(ZM)-UCFL209-110D1	C(CM)-UCFL209-110D1								
FL209D1	Z(ZM)-UCFL209-111D1	C(CM)-UCFL209-111D1	1/8	2 1/4	2 3/4	4 7/8	2 1/8	4.0	4.2	5.1
FL209D1	Z(ZM)-UCFL209-112D1	C(CM)-UCFL209-112D1								
FL210D1	Z(ZM)-UCFL210D1	C(CM)-UCFL210D1	3	60	72	120	58	2.0	2.1	2.7
FL210D1	Z(ZM)-UCFL210-113D1	C(CM)-UCFL210-113D1								
FL210D1	Z(ZM)-UCFL210-114D1	C(CM)-UCFL210-114D1	1/8	2 1/8	2 7/8	4 25/32	2 5/8	4.4	4.6	6.0
FL210D1	Z(ZM)-UCFL210-115D1	C(CM)-UCFL210-115D1								
FL210D1	Z(ZM)-UCFL210-200D1	C(CM)-UCFL210-200D1								
FL211D1	Z(ZM)-UCFL211D1	C(CM)-UCFL211D1	4	64	75	133	65	2.9	3.0	3.4
FL211D1	Z(ZM)-UCFL211-200D1	C(CM)-UCFL211-200D1								
FL211D1	Z(ZM)-UCFL211-201D1	C(CM)-UCFL211-201D1	5/32	2 1/2	2 15/16	5 1/4	2 9/16	6.4	6.6	7.5
FL211D1	Z(ZM)-UCFL211-202D1	C(CM)-UCFL211-202D1								
FL211D1	Z(ZM)-UCFL211-203D1	C(CM)-UCFL211-203D1								
FL212D1	Z(ZM)-UCFL212D1	C(CM)-UCFL212D1	4	74	86	144	70	3.8	4.0	4.6
FL212D1	Z(ZM)-UCFL212-204D1	C(CM)-UCFL212-204D1								
FL212D1	Z(ZM)-UCFL212-205D1	C(CM)-UCFL212-205D1	5/32	2 5/32	3 3/8	5 5/32	2 3/4	8.4	8.8	10
FL212D1	Z(ZM)-UCFL212-206D1	C(CM)-UCFL212-206D1								
FL212D1	Z(ZM)-UCFL212-207D1	C(CM)-UCFL212-207D1								
FL213D1	Z(ZM)-UCFL213D1	C(CM)-UCFL213D1	4	76	90	157	78	4.8	4.9	5.8
FL213D1	Z(ZM)-UCFL213-208D1	C(CM)-UCFL213-208D1	5/32	3	3 7/32	6 1/8	3 1/16	11	11	13
FL213D1	Z(ZM)-UCFL213-209D1	C(CM)-UCFL213-209D1								
FL214D1	Z(ZM)-UCFL214D1	C(CM)-UCFL214D1	4	98	164	80	5.4	5.4	5.4	7.7
FL214D1	Z(ZM)-UCFL214-210D1	C(CM)-UCFL214-210D1								
FL214D1	Z(ZM)-UCFL214-211D1	C(CM)-UCFL214-211D1	5/32	3 27/32	6 15/32	3 1/8	12	12	12	17
FL214D1	Z(ZM)-UCFL214-212D1	C(CM)-UCFL214-212D1								

UCFL2

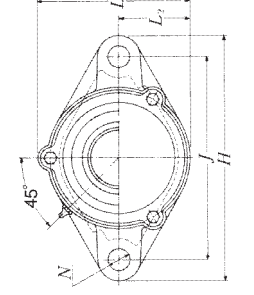
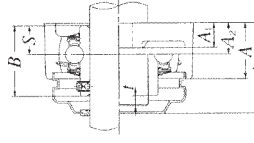
Rhombus flanged unit, cast housing Set screw type



Pressed steel dust cover type
Open end Z-UCFL...D1
Closed end ZM-UCFL...D1

Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch										Bearing number
		H	J	A ₂	A ₁	A	N	L	A ₀	B	S	
75	UCFL215D1	275	225	34	22	56	23	165	78.5	77.8	33.3	UC215D1
2 ¹³ / ₁₆	UCFL215-213D1											UC215-213D1
2 ⁷ / ₈	UCFL215-214D1	10 ⁹ / ₁₆	8 ⁵ / ₆₄	1 ¹ / ₂	7/ ₈	2 ⁷ / ₃₂	29/ ₃₂	6 ¹ / ₂	3 ³ / ₃₂	3.0630	1.311	UC215-214D1
2 ¹³ / ₁₆	UCFL215-215D1											UC215-215D1
3	UCFL215-300D1											UC215-300D1
80	UCFL216D1	290	233	34	22	58	25	180	83.3	82.6	33.3	UC216D1
3 ¹ / ₁₆	UCFL216-301D1											UC216-301D1
3 ⁵ / ₈	UCFL216-302D1	11 ⁹ / ₃₂	9 ¹ / ₆₄	1 ¹ / ₂	7/ ₈	2 ⁹ / ₃₂	63/ ₆₄	7 ³ / ₃₂	3 ⁹ / ₃₂	3.2520	1.311	UC216-302D1
3 ⁷ / ₁₆	UCFL216-303D1											UC216-303D1
85	UCFL217D1	305	248	36	24	63	25	190	87.6	85.7	34.1	UC217D1
3 ¹ / ₄	UCFL217-304D1											UC217-304D1
3 ⁵ / ₈	UCFL217-305D1	12	9 ⁹ / ₆₄	1 ⁷ / ₆₄	15/ ₁₆	2 ¹⁵ / ₃₂	63/ ₆₄	7 ¹⁵ / ₃₂	3 ⁵ / ₆₄	3.3740	1.343	UC217-305D1
3 ⁷ / ₁₆	UCFL217-307D1											UC217-307D1
90	UCFL218D1	320	265	40	24	68	25	205	96.3	96	39.7	UC218D1
3 ¹ / ₂	UCFL218-308D1	12 ⁹ / ₃₂	10 ⁷ / ₁₆	1 ³⁷ / ₆₄	19/ ₁₆	2 ¹¹ / ₁₆	63/ ₆₄	8 ¹ / ₁₆	3 ⁵ / ₆₄	3.7795	1.563	UC218-308D1

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

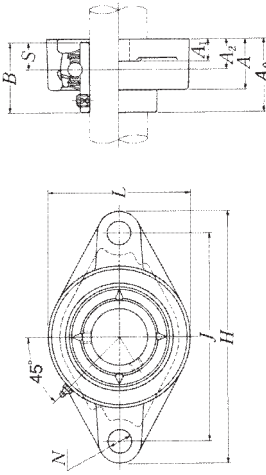


Cast dust cover type
Open end C-UCFL...D1
Closed end CM-UCFL...D1

Housing number	Unit number (1) cast dust cover type	Unit number (1) pressed steel dust cover type	Nominal dimensions mm inch					Mass of unit kg lb		
			t max.	A ₄	A ₅	L ₁	L ₂	UCFL	Z(ZM) C(CM)	
FL215D1	C(CM)-UCFL215D1		4	102	169	82	6.0	7.1		
FL215D1	C(CM)-UCFL215-213D1									
FL215D1	C(CM)-UCFL215-214D1		5/ ₃₂	4 ¹ / ₃₂	6 ⁵ / ₃₂	3 ⁷ / ₃₂	13	16		
FL215D1	C(CM)-UCFL215-215D1									
FL215D1	C(CM)-UCFL215-300D1									
FL216D1	C(CM)-UCFL216D1		4	106	183	90	7.4	8.6		
FL216D1	C(CM)-UCFL216-301D1									
FL216D1	C(CM)-UCFL216-302D1		5/ ₃₂	4 ³ / ₁₆	7 ⁷ / ₃₂	3 ¹⁷ / ₃₂	16	19		
FL216D1	C(CM)-UCFL216-303D1									
FL217D1	C(CM)-UCFL217D1		5	114	192	95	8.8	10		
FL217D1	C(CM)-UCFL217-304D1									
FL217D1	C(CM)-UCFL217-305D1		13/ ₆₄	4 ¹ / ₂	7 ⁹ / ₁₆	3 ³ / ₄	19	22		
FL217D1	C(CM)-UCFL217-307D1									
FL218D1	C(CM)-UCFL218D1		5	122	205	102	11	13		
FL218D1	C(CM)-UCFL218-308D1		13/ ₆₄	4 ¹³ / ₁₆	8 ¹ / ₁₆	4 ¹ / ₃₂	24	29		

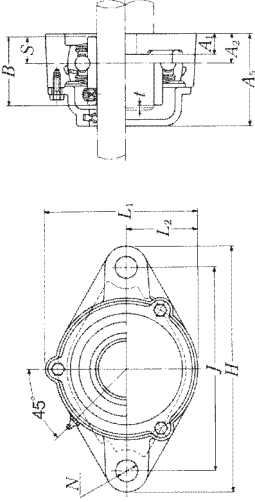
UCFL3

Rhombus flanged unit, cast housing Set screw type



Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch											Bolt size mm inch	
		H	J	A ₂	A ₁	A	N	L	A ₀	B	S			
25 1 ³ / ₁₆	UCFL305D1 UCFL305-013D1 UCFL305-014D1 UCFL305-015D1	150 5 ²⁹ / ₃₂	113 4 ²⁹ / ₆₄	16 5/ ₈	13 1/ ₂	29 1 ⁵ / ₃₂	19 3/ ₄	80 3 ⁵ / ₃₂	39 1 ¹⁷ / ₃₂	38 1.4961	15 0.591	M16		
30 1 ¹ / ₁₆	UCFL306D1 UCFL306-101D1 UCFL306-102D1 UCFL306-103D1	180 7 ³ / ₃₂	134 5 ³ / ₃₂	18 4 ⁵ / ₆₄	15 1 ⁹ / ₃₂	32 1 ¹ / ₄	23 2 ⁹ / ₃₂	90 3 ⁷ / ₃₂	44 1 ⁴⁷ / ₆₄	43 1.6929	17 0.669	M20		
35 1 ¹ / ₄	UCFL307D1 UCFL307-104D1 UCFL307-105D1 UCFL307-106D1 UCFL307-107D1	185 7 ⁹ / ₃₂	141 5 ³ / ₆₄	20 2 ⁵ / ₃₂	16 5/ ₈	36 1 ¹³ / ₃₂	23 2 ⁹ / ₃₂	100 3 ⁵ / ₁₆	49 1 ⁹ / ₆₄	48 1.8898	19 0.748	M20		
40 1 ¹ / ₂	UCFL308D1 UCFL308-108D1 UCFL308-109D1	200 7 ⁷ / ₈	158 6 ⁷ / ₃₂	23 2 ¹ / ₃₂	17 2 ¹ / ₃₂	40 1 ⁹ / ₁₆	23 2 ⁹ / ₃₂	112 4 ⁹ / ₃₂	56 2 ¹³ / ₆₄	52 2.0472	19 0.748	M20		
45 1 ⁵ / ₈	UCFL309D1 UCFL309-110D1 UCFL309-111D1 UCFL309-112D1	230 9 ¹ / ₁₆	177 6 ³ / ₃₂	25 6 ³ / ₆₄	18 2 ³ / ₃₂	44 1 ²³ / ₃₂	25 6 ⁹ / ₆₄	125 4 ²⁹ / ₃₂	60 2 ²³ / ₆₄	57 2.2441	22 0.866	M22		
50 1 ¹³ / ₁₆	UCFL310D1 UCFL310-113D1 UCFL310-114D1 UCFL310-115D1	240 9 ⁷ / ₁₆	187 7 ²³ / ₆₄	28 1 ⁷ / ₆₄	19 3/ ₄	48 1 ²³ / ₃₂	25 6 ⁹ / ₆₄	140 5 ¹ / ₂	67 2 ⁴¹ / ₆₄	61 2.4016	22 0.866	M22		

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

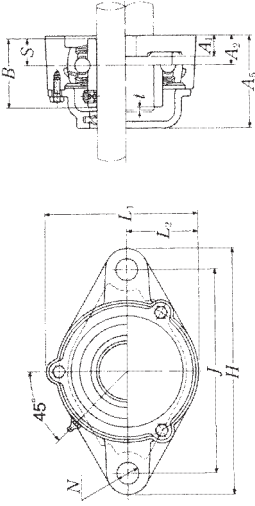
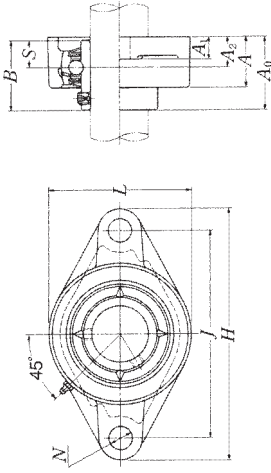


Cast dust cover type
Open end C-UCFL...D1
Closed end CM-UCFL...D1

Bearing number	Housing number	Unit number (1) cast dust cover type	Nominal dimensions mm inch					Mass of unit kg lb	
			t max.	A ₅	L ₁	L ₂	UCFL	C(CM)	
UC305B1 UC305-013D1 UC305-014D1 UC305-015D1 UC305-100D1	FL305D1 FL305D1 FL305D1 FL305D1 FL305D1	C(CM)-UCFL305D1 C(CM)-UCFL305-013D1 C(CM)-UCFL305-014D1 C(CM)-UCFL305-015D1 C(CM)-UCFL305-100D1	2 5/ ₆₄	56 2 ¹ / ₃₂	86 3 ³ / ₈	40 1 ⁹ / ₁₆	0.9 2.0	1.2 2.6	
UC306B1 UC306-101D1 UC306-102D1 UC306-103D1	FL306D1 FL306D1 FL306D1 FL306D1	C(CM)-UCFL306D1 C(CM)-UCFL306-101D1 C(CM)-UCFL306-102D1 C(CM)-UCFL306-103D1	2 5/ ₆₄	60 2 ³ / ₁₆	101 3 ³ / ₁₆	45 1 ²⁹ / ₃₂	1.4 3.1	1.7 3.7	
UC307D1 UC307-104D1 UC307-105D1 UC307-106D1 UC307-107D1	FL307D1 FL307D1 FL307D1 FL307D1 FL307D1	C(CM)-UCFL307D1 C(CM)-UCFL307-104D1 C(CM)-UCFL307-105D1 C(CM)-UCFL307-106D1 C(CM)-UCFL307-107D1	3 1/ ₈	68 2 ¹ / ₁₆	110 4 ¹ / ₃₂	50 1 ³ / ₁₆	1.7 3.7	2.1 4.6	
UC308D1 UC308-108D1 UC308-109D1	FL308D1 FL308D1 FL308D1	C(CM)-UCFL308D1 C(CM)-UCFL308-108D1 C(CM)-UCFL308-109D1	3 1/ ₈	76 3	122 4 ¹³ / ₁₆	56 2 ⁷ / ₃₂	2.2 4.9	2.9 6.4	
UC309D1 UC309-110D1 UC309-111D1 UC309-112D1	FL309D1 FL309D1 FL309D1 FL309D1	C(CM)-UCFL309D1 C(CM)-UCFL309-110D1 C(CM)-UCFL309-111D1 C(CM)-UCFL309-112D1	3 1/ ₈	80 3 ⁵ / ₃₂	135 5 ⁵ / ₁₆	62 2 ⁷ / ₁₆	3.0 6.6	3.8 8.4	
UC310D1 UC310-113D1 UC310-114D1 UC310-115D1	FL310D1 FL310D1 FL310D1 FL310D1	C(CM)-UCFL310D1 C(CM)-UCFL310-113D1 C(CM)-UCFL310-114D1 C(CM)-UCFL310-115D1	3 1/ ₈	88 3 ¹⁵ / ₃₂	152 5 ³ / ₁₆	70 2 ³ / ₄	4.1 9.0	5.0 11	

UCFL3

Rhombus flanged unit, cast housing Set screw type



Cast dust cover type
Open end C-UCFL...D1
Closed end CM-UCFL...D1

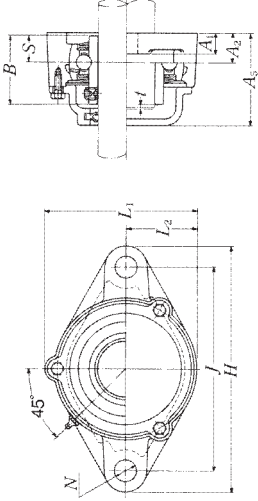
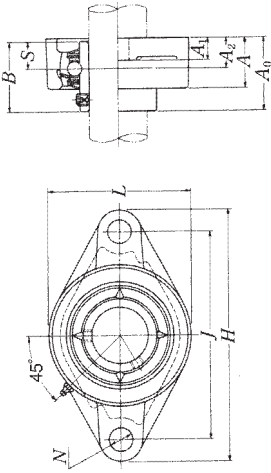
Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch											Bolt size mm inch	
		H	J	A ₂	A ₁	A	N	L	A ₀	B	S			
55	UCFL311D1	250	198	30	20	52	25	150	71	66	25	M22		
2	UCFL311-200D1													
2 1/16	UCFL311-201D1	9 7/32	7 5/16	1 3/16	2 1/16	2 1/16	5 3/16	2 5/16	2 5/16	2 5/16	2 5/16	7/8		
2 1/8	UCFL311-202D1													
2 3/16	UCFL311-203D1													
60	UCFL312D1	270	212	33	22	56	31	160	78	71	26	M27		
2 1/4	UCFL312-204D1													
2 5/16	UCFL312-205D1	10 5/8	8 1/2	1 9/16	7/8	2 7/32	1 7/32	6 5/16	3 5/16	2 7/8	1 1/2	1		
2 9/16	UCFL312-206D1													
2 7/16	UCFL312-207D1													
65	UCFL313D1	295	240	33	25	58	31	175	78	75	30	M27		
2 1/2	UCFL313-208D1	11 5/8	9 5/8	1 19/64	3 1/32	2 9/32	1 7/32	6 7/8	3 3/4	2 9/16	1 1/2	1		
2 9/16	UCFL313-209D1													
70	UCFL314D1	315	250	36	28	61	35	185	81	78	33	M30		
2 7/8	UCFL314-210D1													
2 11/16	UCFL314-211D1	12 13/32	9 27/32	1 27/64	1 3/8	2 13/32	1 3/8	7 9/32	3 3/16	3 1/16	1 29/16	1 1/8		
2 3/4	UCFL314-212D1													
75	UCFL315D1	320	260	39	30	66	35	195	89	82	32	M30		
2 3/8	UCFL315-213D1													
2 7/8	UCFL315-214D1	12 19/32	10 15/16	1 17/32	1 3/8	2 19/32	1 3/8	7 11/16	3 1/2	3 22/64	1 260	1 1/8		
2 5/8	UCFL315-215D1													
3	UCFL315-300D1													
80	UCFL316D1	355	285	38	32	68	38	210	90	86	34	M33		
3 1/16	UCFL316-301D1													
3 1/8	UCFL316-302D1	13 31/32	11 7/32	1 1/2	1 1/4	2 11/16	1 1/2	8 3/32	3 35/64	3 38/64	1 399	1 1/4		
3 3/16	UCFL316-303D1													

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Unit number (1) cast dust cover type	Nominal dimensions mm inch				Mass of unit kg lb	
			t max.	A ₅	L ₁	L ₂	UCFL	C(CM)
UC311D1	FL311D1	C(CM)-UCFL311D1	4	92	162	75	4.6	5.9
UC311-200D1	FL311D1	C(CM)-UCFL311-200D1						
UC311-201D1	FL311D1	C(CM)-UCFL311-201D1	5 1/32	3 5/8	6 3/8	2 15/16	10	13
UC311-202D1	FL311D1	C(CM)-UCFL311-202D1						
UC311-203D1	FL311D1	C(CM)-UCFL311-203D1						
UC312D1	FL312D1	C(CM)-UCFL312D1	4	100	175	80	5.7	7.7
UC312-204D1	FL312D1	C(CM)-UCFL312-204D1						
UC312-205D1	FL312D1	C(CM)-UCFL312-205D1	5 1/32	3 5/16	6 7/8	3 5/8	13	17
UC312-206D1	FL312D1	C(CM)-UCFL312-206D1						
UC312-207D1	FL312D1	C(CM)-UCFL312-207D1						
UC313D1	FL313D1	C(CM)-UCFL313D1	4	103	189	88	7.6	9.9
UC313-208D1	FL313D1	C(CM)-UCFL313-208D1	5 1/32	4 1/16	7 7/16	3 5/8	17	22
UC313-209D1	FL313D1	C(CM)-UCFL313-209D1						
UC314D1	FL314D1	C(CM)-UCFL314D1	4	106	198	92	8.6	11
UC314-210D1	FL314D1	C(CM)-UCFL314-210D1						
UC314-211D1	FL314D1	C(CM)-UCFL314-211D1	5 1/32	4 3/16	7 25/32	3 5/8	19	24
UC314-212D1	FL314D1	C(CM)-UCFL314-212D1						
UC315D1	FL315D1	C(CM)-UCFL315D1	4	114	210	98	9.9	12
UC315-213D1	FL315D1	C(CM)-UCFL315-213D1						
UC315-214D1	FL315D1	C(CM)-UCFL315-214D1	5 1/32	4 1/2	8 9/32	3 7/8	22	26
UC315-215D1	FL315D1	C(CM)-UCFL315-215D1						
UC315-300D1	FL315D1	C(CM)-UCFL315-300D1						
UC316D1	FL316D1	C(CM)-UCFL316D1	4	116	222	105	13	16
UC316-301D1	FL316D1	C(CM)-UCFL316-301D1						
UC316-302D1	FL316D1	C(CM)-UCFL316-302D1	5 1/32	4 9/16	8 3/4	4 1/8	29	35
UC316-303D1	FL316D1	C(CM)-UCFL316-303D1						

UCFL3

Rhombus flanged unit, cast housing Set screw type



Cast dust cover type
Open end C-UCFL...D1
Closed end CM-UCFL...D1

Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch													Bolt size mm inch			
		H	J	A ₂	A ₁	A	N	L	A ₀	B	S	A ₃	A ₄	A ₅	A ₆	mm	inch	
85	UCFL317D1	370	300	44	32	74	38	220	100	96	40	M33						
3 1/4	UCFL317-304D1																	
3 5/16	UCFL317-305D1	14 9/16	11 13/16	1 7/64	1 1/4	2 29/32	1 1/2	8 5/32	3 15/16	3.7795	1.575	1 1/4						
3 7/16	UCFL317-307D1																	
90	UCFL318D1	385	315	44	36	76	38	235	100	96	40	M33						
3 7/16	UCFL318-307D1																	
3 1/2	UCFL318-308D1	15 5/32	12 13/32	1 7/64	1 13/64	1 13/64	3	9 1/4	3 15/16	3.7795	1.575	1 1/4						
95	UCFL319D1	405	330	59	40	94	41	250	121	103	41	M36						
3 5/8	UCFL319-310D1																	
3 11/16	UCFL319-311D1	15 15/16	12 83/64	2 21/64	1 9/16	3 11/16	3 39/64	9 27/32	4 49/64	4.0551	1.614	1 3/8						
3 3/4	UCFL319-312D1																	
100	UCFL320D1	440	360	59	40	94	44	270	125	108	42	M39						
3 15/16	UCFL320-313D1																	
3 7/8	UCFL320-314D1	17 7/8	14 1/4	2 21/64	1 9/16	3 11/16	3 17/64	10 5/8	4 89/64	4.2520	1.654	1 1/2						
3 15/16	UCFL320-315D1																	
4	UCFL320-400D1																	
105	UCFL321D1	440	360	59	40	94	44	270	127	112	44	M39						
110	UCFL322D1	470	390	60	42	96	44	300	131	117	46	M39						
120	UCFL324D1	520	430	65	48	110	47	330	140	126	51	M42						
130	UCFL326D1	550	460	65	50	115	47	360	146	135	54	M42						
140	UCFL328D1	600	500	75	60	125	51	400	161	145	59	M45						

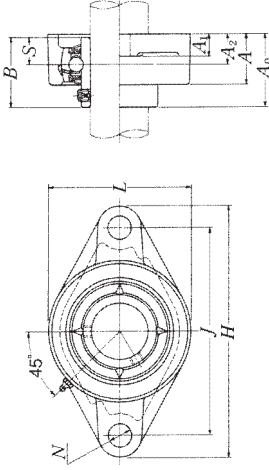
Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Unit number (1) cast dust cover type	Nominal dimensions mm inch					Mass of unit kg lb	
			t max.	A ₅	L ₁	L ₂	UCFL	C(CM)	
UC317D1	FL317D1	C(CM)-UCFL317D1	5	127	234	110	15	18	
UC317-304D1	FL317D1	C(CM)-UCFL317-304D1							
UC317-305D1	FL317D1	C(CM)-UCFL317-305D1	13 1/64	5	9 7/32	4 11/32	33	40	
UC317-307D1	FL317D1	C(CM)-UCFL317-307D1							
UC318D1	FL318D1	C(CM)-UCFL318D1	5	129	247	118	17	21	
UC318-307D1	FL318D1	C(CM)-UCFL318-307D1							
UC318-308D1	FL318D1	C(CM)-UCFL318-308D1	13 1/64	5 3/32	9 23/32	4 21/32	37	46	
UC319D1	FL319D1	C(CM)-UCFL319D1	5	149	260	125	22	26	
UC319-310D1	FL319D1	C(CM)-UCFL319-310D1							
UC319-311D1	FL319D1	C(CM)-UCFL319-311D1	13 1/64	5 7/8	10 1/4	4 29/32	49	57	
UC319-312D1	FL319D1	C(CM)-UCFL319-312D1							
UC320D1	FL320D1	C(CM)-UCFL320D1	5	154	280	135	26	31	
UC320-313D1	FL320D1	C(CM)-UCFL320-313D1							
UC320-314D1	FL320D1	C(CM)-UCFL320-314D1							
UC320-315D1	FL320D1	C(CM)-UCFL320-315D1	13 1/64	6 1/16	11 1/32	5 5/16	57	68	
UC320-400D1	FL320D1	C(CM)-UCFL320-400D1							
UC321D1	FL321D1	C(CM)-UCFL321D1	5	156	287	135	27	32	
UC322D1	FL322D1	C(CM)-UCFL322D1	5	160	315	150	34	39	
UC324D1	FL324D1	C(CM)-UCFL324D1	5	172	342	165	48	52	
UC326D1	FL326D1	C(CM)-UCFL326D1	6	178	376	180	58	64	
UC328D1	FL328D1	C(CM)-UCFL328D1	6	192	410	200	81	90	

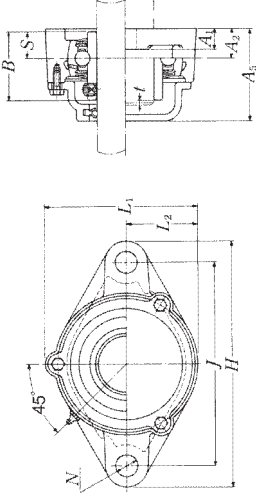
UCFLX

Rhombus flanged unit, cast housing Set screw type



Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch										Bolt size mm inch	
		H	J	A ₂	A ₁	A	N	L	A ₀	B	S	mm	inch
25	UCFLX05D1	141	117	18	13	30	12	83	40.2	38.1	15.9	M10	
¹⁹ / ₁₆	UCFLX05-013D1												
⁷ / ₈	UCFLX05-014D1												
¹⁵ / ₁₆	UCFLX05-015D1	5 ⁹ / ₁₆	4 ³⁹ / ₆₄	45 ⁵ / ₆₄	1/2	1 ³ / ₁₆	15 ¹⁵ / ₃₂	3 ³ / ₃₂	1 ³⁷ / ₆₄	1.5000	0.626	³ / ₈	
1	UCFLX05-100D1												
30	UCFLX06D1	156	130	19	15	34	16	95	44.4	42.9	17.5	M14	
1 ¹ / ₁₆	UCFLX06-101D1												
1 ¹ / ₈	UCFLX06-102D1												
1 ³ / ₁₆	UCFLX06-103D1	6 ⁵ / ₃₂	5 ¹ / ₈	3 ¹ / ₄	19 ¹⁹ / ₃₂	1 ¹¹ / ₃₂	5 ⁵ / ₈	3 ³ / ₄	1 ³ / ₄	1.6890	0.689	¹ / ₂	
1 ¹ / ₄	UCFLX06-104D1												
35	UCFLX07D1	171	144	21	16	38	16	105	51.2	49.2	19	M14	
1 ⁵ / ₁₆	UCFLX07-105D1												
1 ³ / ₈	UCFLX07-106D1	6 ³⁹ / ₃₂	5 ⁵⁹ / ₆₄	59 ⁵⁹ / ₆₄	5/8	1 ¹ / ₂	5 ⁵ / ₈	4 ¹ / ₈	2 ¹ / ₆₄	1.9370	0.748	¹ / ₂	
1 ⁷ / ₁₆	UCFLX07-107D1												
40	UCFLX08D1	179	148	22	16	40	16	111	52.2	49.2	19	M14	
1 ¹ / ₂	UCFLX08-108D1												
1 ⁹ / ₁₆	UCFLX08-109D1	7 ¹ / ₁₆	5 ⁵⁹ / ₆₄	55 ⁵⁵ / ₆₄	5/8	1 ⁹ / ₁₆	5 ⁵ / ₈	4 ³ / ₈	2 ¹ / ₁₆	1.9370	0.748	¹ / ₂	
45	UCFLX09D1	189	157	23	16	40	16	116	55.6	51.6	19	M14	
1 ⁵ / ₈	UCFLX09-110D1												
1 ¹¹ / ₁₆	UCFLX09-111D1												
1 ³ / ₄	UCFLX09-112D1	7 ⁷ / ₁₆	6 ³ / ₁₆	29 ²⁹ / ₃₂	5/8	1 ⁹ / ₁₆	5 ⁵ / ₈	4 ⁹ / ₁₆	2 ³ / ₁₆	2.0315	0.748	¹ / ₂	
1 ¹³ / ₁₆	UCFLX09-113D1												
50	UCFLX10D1	216	184	26	18	44	19	133	59.4	55.6	22.2	M16	
1 ⁷ / ₈	UCFLX10-114D1												
1 ¹⁵ / ₁₆	UCFLX10-115D1	8 ¹ / ₂	7 ¹ / ₄	1 ¹ / ₃₂	23 ²³ / ₃₂	1 ²³ / ₃₂	3 ³ / ₄	5 ¹ / ₄	2 ¹¹ / ₃₂	2.1890	0.874	⁵ / ₈	
2	UCFLX10-200D1												

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

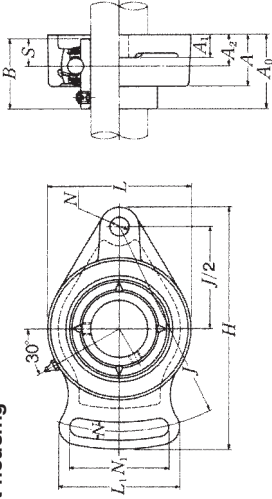


Cast dust cover type
Open end C-UCFL...D1
Closed end CM-UCFL...D1

Bearing number	Housing number	Unit number (*) cast dust cover type	Nominal dimensions mm inch					Mass of unit kg lb	
			t max.	A ₅	L ₁	L ₂	UCFL	C(CM)	
UCX05D1	FLX05D1	C(CM)-UCFLX05D1	2	56	86	41.5	1.0	1.2	
UCX05-013D1	FLX05D1	C(CM)-UCFLX05-013D1							
UCX05-014D1	FLX05D1	C(CM)-UCFLX05-014D1	5 ⁵ / ₆₄	2 ⁷ / ₃₂	3 ³ / ₈	1 ⁵ / ₈	2.2	2.6	
UCX05-015D1	FLX05D1	C(CM)-UCFLX05-015D1							
UCX05-100D1	FLX05D1	C(CM)-UCFLX05-100D1							
UCX06D1	FLX06D1	C(CM)-UCFLX06D1	2	59	98.5	47.5	1.5	1.8	
UCX06-101D1	FLX06D1	C(CM)-UCFLX06-101D1							
UCX06-102D1	FLX06D1	C(CM)-UCFLX06-102D1	5 ⁵ / ₆₄	2 ⁵ / ₁₆	3 ⁷ / ₈	1 ⁷ / ₈	3.3	4.0	
UCX06-103D1	FLX06D1	C(CM)-UCFLX06-103D1							
UC207-104D1	FLX06D1	C(CM)-UCFLX06-104D1							
UCX07D1	FLX07D1	C(CM)-UCFLX07D1	3	66	108.5	52.5	1.8	2.2	
UCX07-105D1	FLX07D1	C(CM)-UCFLX07-105D1							
UCX07-106D1	FLX07D1	C(CM)-UCFLX07-106D1	1 ¹ / ₈	2 ¹⁹ / ₃₂	4 ⁹ / ₃₂	2 ¹ / ₁₆	4.0	4.9	
UCX07-107D1	FLX07D1	C(CM)-UCFLX07-107D1							
UCX08D1	FLX08D1	C(CM)-UCFLX08D1	3	70	114.5	55.5	2.0	2.4	
UCX08-108D1	FLX08D1	C(CM)-UCFLX08-108D1	1 ¹ / ₈	2 ³ / ₄	4 ¹ / ₄	2 ⁹ / ₁₆	4.4	5.3	
UCX08-109D1	FLX08D1	C(CM)-UCFLX08-109D1							
UCX09D1	FLX09D1	C(CM)-UCFLX09D1	3	73	119.5	58	2.2	2.7	
UCX09-110D1	FLX09D1	C(CM)-UCFLX09-110D1							
UCX09-111D1	FLX09D1	C(CM)-UCFLX09-111D1	1 ¹ / ₈	2 ⁷ / ₈	4 ²³ / ₃₂	2 ⁹ / ₃₂	4.9	6.0	
UCX09-112D1	FLX09D1	C(CM)-UCFLX09-112D1							
UC210-113D1	FLX09D1	C(CM)-UCFLX09-113D1							
UCX10D1	FLX10D1	C(CM)-UCFLX10D1	3	76	133.5	66.5	3.0	3.6	
UCX10-114D1	FLX10D1	C(CM)-UCFLX10-114D1							
UCX10-115D1	FLX10D1	C(CM)-UCFLX10-115D1	1 ¹ / ₈	3	5 ¹ / ₄	2 ⁵ / ₈	6.6	7.9	
UC211-200D1	FLX10D1	C(CM)-UCFLX10-200D1							

UCFA2

Modified rhombus flanged unit, cast housing Set screw type



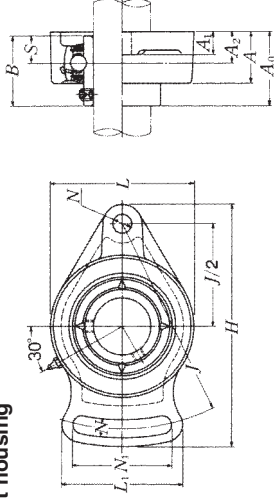
Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch														Bolt size mm inch	
		H	J	A ₂	A ₁	A	N	N ₁	L	L ₁	A ₀	B	S				
12	UCFA201D1	98	78	15	12	25.5	10	40	60	50	33.3	31	12.7	M8			
1/2	UCFA201-008D1	3 ⁷ / ₃₂	3 ¹ / ₁₆	19 ³ / ₆₄	15 ³ / ₃₂	1	25 ³ / ₆₄	1 ⁹ / ₁₆	2 ³ / ₈	1 ³ / ₃₂	1 ⁵ / ₁₆	1.2205	0.500	5 ⁵ / ₁₆			
15	UCFA202D1	98	78	15	12	25.5	10	40	60	50	33.3	31	12.7	M8			
9/16	UCFA202-009D1	3 ⁷ / ₃₂	3 ¹ / ₁₆	19 ³ / ₆₄	15 ³ / ₃₂	1	25 ³ / ₆₄	1 ⁹ / ₁₆	2 ³ / ₈	1 ³ / ₃₂	1 ⁵ / ₁₆	1.2205	0.500	5 ⁵ / ₁₆			
5/8	UCFA202-010D1	3 ⁷ / ₃₂	3 ¹ / ₁₆	19 ³ / ₆₄	15 ³ / ₃₂	1	25 ³ / ₆₄	1 ⁹ / ₁₆	2 ³ / ₈	1 ³ / ₃₂	1 ⁵ / ₁₆	1.2205	0.500	5 ⁵ / ₁₆			
17	UCFA203D1	98	78	15	12	25.5	10	40	60	50	33.3	31	12.7	M8			
11/16	UCFA203-011D1	3 ⁷ / ₃₂	3 ¹ / ₁₆	19 ³ / ₆₄	15 ³ / ₃₂	1	25 ³ / ₆₄	1 ⁹ / ₁₆	2 ³ / ₈	1 ³ / ₃₂	1 ⁵ / ₁₆	1.2205	0.500	5 ⁵ / ₁₆			
20	UCFA204D1	98	78	15	12	25.5	10	40	60	50	33.3	31	12.7	M8			
3/4	UCFA204-012D1	3 ⁷ / ₃₂	3 ¹ / ₁₆	19 ³ / ₆₄	15 ³ / ₃₂	1	25 ³ / ₆₄	1 ⁹ / ₁₆	2 ³ / ₈	1 ³ / ₃₂	1 ⁵ / ₁₆	1.2205	0.500	5 ⁵ / ₁₆			
25	UCFA205D1	124	96	15	14	26.5	13	49	70	64	34.8	34.1	14.3	M10			
13/16	UCFA205-013D1	4 ⁷ / ₈	3 ⁵ / ₁₆	19 ³ / ₆₄	1 ¹ / ₂	33 ³ / ₆₄	15 ³ / ₁₆	2 ³ / ₄	2 ⁷ / ₃₂	1 ³ / ₈	1.3425	0.563	3 ³ / ₈				
7/8	UCFA205-014D1	4 ⁷ / ₈	3 ⁵ / ₁₆	19 ³ / ₆₄	1 ¹ / ₂	33 ³ / ₆₄	15 ³ / ₁₆	2 ³ / ₄	2 ⁷ / ₃₂	1 ³ / ₈	1.3425	0.563	3 ³ / ₈				
15/16	UCFA205-015D1	4 ⁷ / ₈	3 ⁵ / ₁₆	19 ³ / ₆₄	1 ¹ / ₂	33 ³ / ₆₄	15 ³ / ₁₆	2 ³ / ₄	2 ⁷ / ₃₂	1 ³ / ₈	1.3425	0.563	3 ³ / ₈				
1	UCFA205-100D1	141	115	18	14	31	13	53	80	68	40.2	38.1	15.9	M10			
30	UCFA206D1	141	115	18	14	31	13	53	80	68	40.2	38.1	15.9	M10			
1 1/16	UCFA206-101D1	5 9/16	4 17/32	45/64	9/16	1 7/32	33/64	2 3/32	3 5/32	2 11/16	1 37/64	1.5000	0.626	3/8			
1 1/8	UCFA206-102D1	5 9/16	4 17/32	45/64	9/16	1 7/32	33/64	2 3/32	3 5/32	2 11/16	1 37/64	1.5000	0.626	3/8			
1 3/16	UCFA206-103D1	5 9/16	4 17/32	45/64	9/16	1 7/32	33/64	2 3/32	3 5/32	2 11/16	1 37/64	1.5000	0.626	3/8			
1 1/4	UCFA206-104D1	5 9/16	4 17/32	45/64	9/16	1 7/32	33/64	2 3/32	3 5/32	2 11/16	1 37/64	1.5000	0.626	3/8			
35	UCFA207D1	155	128	20	16	34	15	60	90	75	45.4	42.9	17.5	M12			
1 1/4	UCFA207-104D1	6 3/32	5 1/32	25/32	5/8	1 11/32	19/32	2 3/8	3 17/32	2 5/16	1 29/32	1.6690	0.669	7/16			
1 5/16	UCFA207-105D1	6 3/32	5 1/32	25/32	5/8	1 11/32	19/32	2 3/8	3 17/32	2 5/16	1 29/32	1.6690	0.669	7/16			
1 3/8	UCFA207-106D1	6 3/32	5 1/32	25/32	5/8	1 11/32	19/32	2 3/8	3 17/32	2 5/16	1 29/32	1.6690	0.669	7/16			
1 7/16	UCFA207-107D1	6 3/32	5 1/32	25/32	5/8	1 11/32	19/32	2 3/8	3 17/32	2 5/16	1 29/32	1.6690	0.669	7/16			
40	UCFA208D1	171	142	22	16	36	15	69	100	84	52.2	49.2	19	M12			
1 1/2	UCFA208-108D1	6 29/32	5 9/32	55/64	5/8	1 13/32	19/32	2 29/32	3 15/16	3 5/16	2 1/16	1.9370	0.748	7/16			
1 5/8	UCFA208-109D1	6 29/32	5 9/32	55/64	5/8	1 13/32	19/32	2 29/32	3 15/16	3 5/16	2 1/16	1.9370	0.748	7/16			

Note (*) These numbers indicate lubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UC201D1	FA204D1	0.5
UC201-008D1	FA204D1	1.1
UC202D1	FA204D1	0.5
UC202-009D1	FA204D1	1.1
UC202-010D1	FA204D1	1.1
UC203D1	FA204D1	0.5
UC203-011D1	FA204D1	1.1
UC204D1	FA204D1	0.5
UC204-012D1	FA204D1	1.1
UC205D1	FA205D1	0.7
UC205-013D1	FA205D1	
UC205-014D1	FA205D1	1.5
UC205-015D1	FA205D1	
UC205-100D1	FA205D1	
UC206D1	FA206D1	0.9
UC206-101D1	FA206D1	
UC206-102D1	FA206D1	2.0
UC206-103D1	FA206D1	
UC206-104D1	FA206D1	
UC207D1	FA207D1	1.2
UC207-104D1	FA207D1	
UC207-105D1	FA207D1	2.6
UC207-106D1	FA207D1	
UC207-107D1	FA207D1	
UC208D1	FA208D1	1.5
UC208-108D1	FA208D1	3.3
UC208-109D1	FA208D1	

UCFA2

Modified rhombus flanged unit, cast housing Set screw type



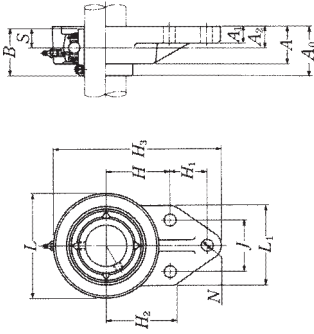
Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch														Bolt size mm inch	
		H	J	A ₂	A ₁	A	N	N ₁	L	L ₁	A ₀	B	S	mm	inch		
45	UCFA209D1	179	146	22	18	38	17	72	110	88	52.2	49.2	19	M14			
1 5/8	UCFA209-110D1																
1 1/16	UCFA209-111D1	7 1/16	5 3/4	25/64	1 1/2	49/64	2 27/32	4 1/32	3 5/32	2 1/16	1.9370	0.748	1/2				
1 3/4	UCFA209-112D1																
50	UCFA210D1	189	155	22	18	40	17	75	115	92	54.6	51.6	19	M14			
1 15/16	UCFA210-113D1																
1 7/8	UCFA210-114D1	7 7/16	6 3/32	23/64	1 9/16	43/64	2 15/16	4 17/32	3 5/8	2 5/8	2.0315	0.748	1/2				
1 15/16	UCFA210-115D1																
2	UCFA210-200D1																
55	UCFA211D1	216	182	26	20	43	17	85	130	102	59.4	55.6	22.2	M14			
2	UCFA211-200D1																
2 1/16	UCFA211-201D1	8 7/8	7 5/32	1 1/32	28/32	1 11/16	49/64	3 1/32	5 1/8	4 1/32	2 1890	0.874	1/2				
2 7/8	UCFA211-202D1																
2 3/16	UCFA211-203D1																

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UC209D1	FA209D1	1.9
UC209-110D1	FA209D1	
UC209-111D1	FA209D1	4.2
UC209-112D1	FA209D1	
UC210D1	FA210D1	2.2
UC210-113D1	FA210D1	
UC210-114D1	FA210D1	4.9
UC210-115D1	FA210D1	
UC210-200D1	FA210D1	
UC211D1	FA211D1	2.9
UC211-200D1	FA211D1	
UC211-201D1	FA211D1	6.4
UC211-202D1	FA211D1	
UC211-203D1	FA211D1	

UCFH2

Modified flanged unit, cast housing
Set screw type



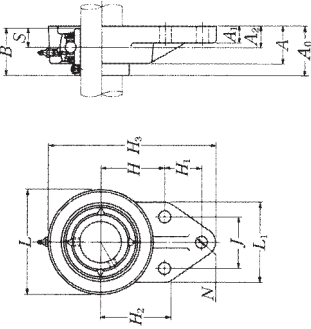
Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch															
		H ₃	J	A ₂	A ₁	A	N	H	H ₁	L ₁	H ₂	L	A ₀	B	S		
12	UCFH201D1	110	32	15	13	25.5	10	42	27	52	52	62	33.3	31	12.7		
1/2	UCFH201-008D1	4 ¹¹ / ₃₂	1 ¹⁷ / ₆₄	19 ¹⁹ / ₃₂	1/2	1	25 ²⁵ / ₆₄	1 ²¹ / ₁₆	1 ¹ / ₁₆	2 ¹ / ₁₆	2 ¹ / ₁₆	2 ⁷ / ₁₆	1 ⁵ / ₁₆	1.2205	0.500		
15	UCFH202D1	110	32	15	13	25.5	10	42	27	52	52	62	33.3	31	12.7		
9/16	UCFH202-009D1	4 ¹ / ₃₂	1 ¹⁷ / ₆₄	19 ¹⁹ / ₃₂	1/2	1	25 ²⁵ / ₆₄	1 ²¹ / ₁₆	1 ¹ / ₁₆	2 ¹ / ₁₆	2 ¹ / ₁₆	2 ⁷ / ₁₆	1 ⁵ / ₁₆	1.2205	0.500		
5/8	UCFH202-010D1																
17	UCFH203D1	110	32	15	13	25.5	10	42	27	52	52	62	33.3	31	12.7		
11/16	UCFH203-011D1	4 ¹ / ₃₂	1 ¹⁷ / ₆₄	19 ¹⁹ / ₃₂	1/2	1	25 ²⁵ / ₆₄	1 ²¹ / ₁₆	1 ¹ / ₁₆	2 ¹ / ₁₆	2 ¹ / ₁₆	2 ⁷ / ₁₆	1 ⁵ / ₁₆	1.2205	0.500		
20	UCFH204D1	110	32	15	13	25.5	10	42	27	52	52	62	33.3	31	12.7		
3/4	UCFH204-012D1	4 ¹ / ₃₂	1 ¹⁷ / ₆₄	19 ¹⁹ / ₃₂	1/2	1	25 ²⁵ / ₆₄	1 ²¹ / ₁₆	1 ¹ / ₁₆	2 ¹ / ₁₆	2 ¹ / ₁₆	2 ⁷ / ₁₆	1 ⁵ / ₁₆	1.2205	0.500		
25	UCFH205D1	116	34	16	13	27	10	45	27	56	52	68	35.8	34.1	14.3		
13/16	UCFH205-013D1																
7/8	UCFH205-014D1	4 ⁹ / ₁₆	1 ¹ / ₃₂	5 ⁵ / ₈	1/2	1 ¹ / ₁₆	25 ²⁵ / ₆₄	1 ⁴⁹ / ₆₄	1 ¹ / ₁₆	2 ¹ / ₃₂	2 ¹ / ₁₆	2 ¹ / ₁₆	1 ¹³ / ₃₂	1.3425	0.563		
15/16	UCFH205-015D1																
1	UCFH205-100D1																
30	UCFH206D1	130	40	18	13	31	10	50	29	65	55	78	40.2	38.1	15.9		
1 1/16	UCFH206-101D1																
1 1/8	UCFH206-102D1	5 1/8	1 ³⁷ / ₆₄	45 ⁴⁵ / ₆₄	1/2	1 ⁷ / ₃₂	25 ²⁵ / ₆₄	1 ³¹ / ₃₂	1 ⁹ / ₆₄	2 ⁹ / ₁₆	2 ⁵ / ₃₂	3 ¹ / ₁₆	1 ³⁷ / ₆₄	1.5000	0.626		
1 3/16	UCFH206-103D1																
1 1/4	UCFH206-104D1																
35	UCFH207D1	144	46	19	15	34	10	55	32	70	62	90	44.4	42.9	17.5		
1 1/4	UCFH207-104D1																
1 5/16	UCFH207-105D1	5 ⁵ / ₃₂	1 ¹³ / ₁₆	3 ³ / ₄	19 ¹⁹ / ₃₂	1 ¹¹ / ₃₂	25 ²⁵ / ₆₄	2 ¹ / ₆₄	1 ¹⁷ / ₆₄	2 ³ / ₄	2 ⁷ / ₁₆	3 ⁷ / ₃₂	1 ³ / ₄	1.6890	0.689		
1 3/8	UCFH207-106D1																
1 7/16	UCFH207-107D1																

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bolt size mm inch	Bearing number	Housing number	Mass of unit kg lb
5/16	UC201-008D1	FH204D1	1.3
M8	UC202D1	FH204D1	0.6
5/16	UC202-009D1	FH204D1	1.3
5/16	UC202-010D1	FH204D1	
M8	UC203D1	FH204D1	0.6
5/16	UC203-011D1	FH204D1	1.3
M8	UC204D1	FH204D1	0.6
5/16	UC204-012D1	FH204D1	1.3
M8	UC205D1	FH205D1	0.7
5/16	UC205-013D1	FH205D1	
5/16	UC205-014D1	FH205D1	1.5
5/16	UC205-015D1	FH205D1	
5/16	UC205-100D1	FH205D1	
M8	UC206D1	FH206D1	0.9
5/16	UC206-101D1	FH206D1	
5/16	UC206-102D1	FH206D1	2.0
5/16	UC206-103D1	FH206D1	
5/16	UC206-104D1	FH206D1	
M8	UC207D1	FH207D1	1.3
5/16	UC207-104D1	FH207D1	
5/16	UC207-105D1	FH207D1	2.9
5/16	UC207-106D1	FH207D1	
5/16	UC207-107D1	FH207D1	

UCFH2

Modified flanged unit, cast housing
Set screw type



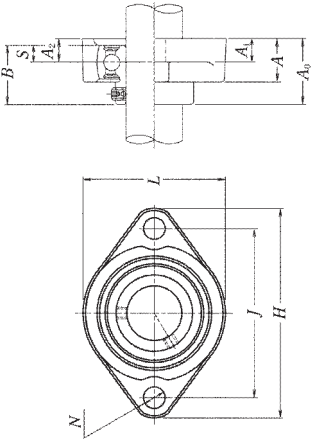
Shaft dia. mm inch	Unit number (1)	Nominal dimensions															
		H_3	J	A_2	A_1	A	N	H	H_1	H_2	L_1	H_2	L	A_0	B	S	
40	UCFH208D1	164	50	21	16	36	12	60	41	78	72	100	51.2	49.2	19		
1 1/2	UCFH208-108D1	6 15/32	1 31/32	53/64	5/8	1 13/32	2 23/64	2 39/64	1 39/64	3 1/16	2 7/16	3 5/16	2 1/16	1.9370	0.748		
1 9/16	UCFH208-109D1																
45	UCFH209D1	174	54	22	18	38	12	65	43	80	76	106	52.2	49.2	19		
1 9/8	UCFH209-110D1																
1 11/16	UCFH209-111D1	6 7/32	2 1/8	55/64	23/64	1 1/2	1 5/32	2 5/16	1 11/16	3 5/32	3	4 3/16	2 1/16	1.9370	0.748		
1 3/4	UCFH209-112D1																
50	UCFH210D1	184	58	22	18	40	12	68	46	86	82	112	54.6	51.6	19		
1 13/16	UCFH210-113D1																
1 7/8	UCFH210-114D1	7 1/4	2 9/32	55/64	23/32	1 9/16	1 5/32	2 43/64	1 13/16	3 3/8	3 7/32	4 13/32	2 5/32	2.0315	0.748		
1 15/16	UCFH210-115D1																
2	UCFH210-200D1																

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bolt size mm inch	Bearing number	Housing number	Mass of unit kg lb
3/8	UC208-108D1	FH208D1	4.0
	UC208-109D1	FH208D1	
M10	UC209D1	FH209D1	2.1
	UC209-110D1	FH209D1	
3/8	UC209-111D1	FH209D1	4.6
	UC209-112D1	FH209D1	
M10	UC210D1	FH210D1	2.4
	UC210-113D1	FH210D1	
3/8	UC210-114D1	FH210D1	5.3
	UC210-115D1	FH210D1	
	UC210-200D1	FH210D1	

ASFB2

Light rhombus flanged unit, cast housing
Set screw type



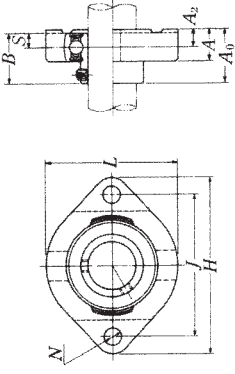
Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch												Bolt size mm inch
		H	J	A ₂	A ₁	A	N	L	A ₀	B	S			
12 1/2	ASFB201	81	63.5	9.5	9.5	18	7	56	25.5	22	6	M6		
	ASFB201-008	3 ³ / ₁₆	2 ¹ / ₂	3 ³ / ₈	3 ³ / ₈	29 ³ / ₃₂	9 ⁹ / ₃₂	2 ⁷ / ₃₂	1	0.8661	0.236	5 ¹ / ₄		
15 9 ⁹ / ₁₆ 5 ⁵ / ₈	ASFB202	81	63.5	9.5	9.5	18	7	56	25.5	22	6	M6		
	ASFB202-009 ASFB202-010	3 ³ / ₁₆	2 ¹ / ₂	3 ³ / ₈	3 ³ / ₈	23 ³ / ₃₂	9 ⁹ / ₃₂	2 ⁷ / ₃₂	1	0.8661	0.236	5 ¹ / ₄		
17 1/2	ASFB203	81	63.5	9.5	9.5	18	7	56	25.5	22	6	M6		
	ASFB203-011	3 ³ / ₁₆	2 ¹ / ₂	3 ³ / ₈	3 ³ / ₈	29 ³ / ₃₂	9 ⁹ / ₃₂	2 ⁷ / ₃₂	1	0.8661	0.236	5 ¹ / ₄		
20 3/4	ASFB204	90	71.5	11	11	20	10	61	29	25	7	M8		
	ASFB204-012	3 ¹⁷ / ₃₂	2 ¹³ / ₃₂	7 ¹ / ₁₆	7 ¹ / ₁₆	25 ²⁵ / ₆₄	2 ⁹ / ₁₆	2 ⁹ / ₃₂	1 ⁹ / ₆₄	0.9843	0.276	5 ⁵ / ₁₆		
25 19 ¹⁹ / ₁₆ 7 ⁷ / ₈ 1 ¹ / ₁₆ 1	ASFB205	95	76	11	11	20	10	64	30.5	27	7.5	M8		
	ASFB205-013	3 ³ / ₄	2 ⁶³ / ₆₄	7 ¹ / ₁₆	7 ¹ / ₁₆	29 ²⁹ / ₆₄	2 ⁵ / ₆₄	2 ⁷ / ₃₂	1 ¹⁹ / ₆₄	1.0630	0.295	5 ⁵ / ₁₆		
	ASFB205-014													
	ASFB205-015 ASFB205-100													
30 1 ¹ / ₁₆ 1 ¹ / ₈ 1 ¹ / ₁₆ 1 ¹ / ₄	ASFB206	113	90.5	12	12	22.5	12	76	33	29	8	M10		
	ASFB206-101	4 ⁷ / ₁₆	3 ⁹ / ₁₆	15 ¹⁵ / ₃₂	15 ¹⁵ / ₃₂	7 ⁷ / ₈	1 ¹⁵ / ₃₂	3	1 ¹⁹ / ₆₄	1.1417	0.315	3 ³ / ₈		
	ASFB206-102													
	ASFB206-103 ASFB206-104													
35 1 ¹ / ₄ 1 ⁵ / ₈ 1 ³ / ₈ 1 ¹ / ₈	ASFB207	122	100	11	13	24	12	89	36.5	34	8.5	M10		
	ASFB207-104	4 ¹³ / ₁₆	3 ⁵ / ₁₆	7 ⁷ / ₁₆	7 ⁷ / ₁₆	15 ¹⁵ / ₁₆	1 ¹⁵ / ₃₂	3 ¹ / ₂	1 ¹ / ₁₆	1.3386	0.335	3 ³ / ₈		
	ASFB207-105													
	ASFB207-106 ASFB207-107													

Note (1) If relubricatable type is needed, please order with suffix "D1".

Bearing number	Housing number	Mass of unit kg lb
AS201	FB201	0.3
AS201-008	FB201	0.7
AS202	FB201	0.3
AS202-009	FB201	0.7
AS202-010	FB201	
AS203	FB201	0.2
AS203-011	FB201	0.4
AS204	FB204	0.3
AS204-012	FB204	0.7
AS205	FB205	0.3
AS205-013	FB205	
AS205-014	FB205	0.7
AS205-015	FB205	
AS205-100	FB205	
AS206	FB206	0.5
AS206-101	FB206	
AS206-102	FB206	1.1
AS206-103	FB206	
AS206-104	FB206	
AS207	FB207	0.8
AS207-104	FB207	
AS207-105	FB207	1.8
AS207-106	FB207	
AS207-107	FB207	

ASFD2

Light rhombus flanged unit, cast housing
Set screw type



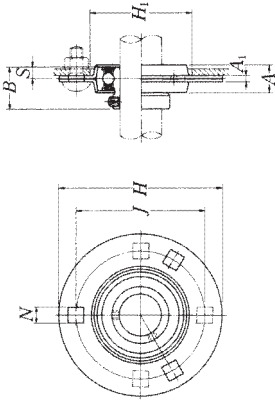
Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch										Bolt size	
		H	J	A ₂	A	N	L	A ₀	B	S	mm	inch	
12 1/2	ASFD201	81	63	8.5	15	7	59	24.5	22	6	M6		
	ASFD201-008	3 3/16	2 31/64	2 1/4	19 1/32	9/32	2 5/16	3 1/8	0.8661	0.236	1/4		
15 9/16 5/8	ASFD202	81	63	8.5	15	7	59	24.5	22	6	M6		
	ASFD202-009 ASFD202-010	3 3/16	2 31/64	2 1/4	19 1/32	9/32	2 5/16	3 1/8	0.8661	0.236	1/4		
17 11/16	ASFD203	81	63	8.5	15	7	59	24.5	22	6	M6		
	ASFD203-011	3 3/16	2 31/64	2 1/4	19 1/32	9/32	2 5/16	3 1/8	0.8661	0.236	1/4		
20 3/4	ASFD204	90	71	9.5	17	10	67	27.5	25	7	M8		
	ASFD204-012	3 7/32	2 51/64	3 1/8	21 1/32	25/64	2 5/8	1 5/16	0.9843	0.276	5/16		
25 1 1/8 7/8 1 1/16	ASFD205	95	76	9.5	17	10	71	29	27	7.5	M8		
	ASFD205-013												
	ASFD205-014	3 3/4	2 63/64	3/8	21 1/32	25/64	2 5/8	1 9/16	1.0630	0.295	5/16		
	ASFD205-015 ASFD205-100												
30 1 1/8 1 1/8 1 1/8 1 1/4	ASFD206	113	90	12	21	12	84	33	29	8	M10		
	ASFD206-101												
	ASFD206-102	4 7/16	3 35/64	1 5/8	19 1/16	15/32	3 5/16	1 19/64	1.1417	0.315	3/8		
	ASFD206-103 ASFD206-104												
35 1 1/4 1 5/8 1 3/8 1 7/8	ASFD207	125	100	12.5	22	12	94	38	34	8.5	M10		
	ASFD207-104												
	ASFD207-105	4 29/32	3 15/16	3 1/4	21 1/8	15/32	3 1/16	1 1/2	1.3386	0.335	3/8		
	ASFD207-106 ASFD207-107												
40 1 1/2 1 5/8 1 9/8	ASFD208	148	119	14.5	25	13.5	104	43.5	38	9	M12		
	ASFD208-108	5 13/16	4 11/16	3 7/8	25 1/4	17/32	4 3/8	1 23/32	1.4861	0.354	9/16		
	ASFD208-109												

Note (*) If relubricatable type is needed, please order with suffix "A" "D1". Example: A-ASFD201D1

Bearing number	Housing number	Mass of unit kg lb
AS201	FD201	0.3
AS201-008	FD201	0.7
AS202	FD201	0.3
AS202-009	FD201	0.7
AS202-010	FD201	
AS203	FD201	0.3
AS203-011	FD201	0.7
AS204	FD204	0.4
AS204-012	FD204	0.9
AS205	FD205	0.5
AS205-013	FD205	
AS205-014	FD205	1.1
AS205-015	FD205	
AS205-100	FD205	
AS206	FD206	0.8
AS206-101	FD206	
AS206-102	FD206	1.8
AS206-103	FD206	
AS206-104	FD206	
AS207	FD207	0.9
AS207-104	FD207	
AS207-105	FD207	2.0
AS207-106	FD207	
AS207-107	FD207	
AS208	FD208	1.3
AS208-108	FD208	2.9
AS208-109	FD208	

ASPF2

Round flanged unit, pressed steel housing Set screw type



Shaft dia. mm inch	Unit number	Nominal dimensions										Bolt size
		H	J	A ₁	A	N ⁽¹⁾	A	B	S	H ₁	H ₁ min.	
12 1/2	ASPF201	81	63.5	4	7.1	14	22	6	49			M6
	ASPF201-008	3 ^{3/16} 2 ^{1/2}	0.157	9/32	9/16	0.8661	0.236	1 ^{15/16} 1/4				
15 9/16 5/8	ASPF202	81	63.5	4	7.1	14	22	6	49			M6
	ASPF202-009 ASPF202-010	3 ^{3/16} 2 ^{1/2}	0.157	9/32	9/16	0.8661	0.236	1 ^{15/16} 1/4				
17 11/16	ASPF203	81	63.5	4	7.1	14	22	6	49			M6
	ASPF203-011	3 ^{3/16} 2 ^{1/2}	0.157	9/32	9/16	0.8661	0.236	1 ^{15/16} 1/4				
20 3/4	ASPF204	90	71.5	4	9	16	25	7	56			M8
	ASPF204-012	3 ^{35/64} 2 ^{13/16}	0.157	29/64	5/8	0.9843	0.276	2 ^{7/32} 5/16				
25 19/16 7/8 15/16 1	ASPF205	95	76	4	9	18	27	7.5	60			M8
	ASPF205-013											
	ASPF205-014	3 ^{3/4}	2 ^{63/64}	0.157	29/64	5/8	1.0630	0.295	2 ^{3/8} 5/16			
	ASPF205-015 ASPF205-100											
30 1 1/16 1 1/8 1 1/16 1 1/4	ASPF206	113	90.5	5.2	11	18	29	8	71			M10
	ASPF206-101											
	ASPF206-102	4 ^{7/16}	3 ^{9/16}	0.205	7/16	23/32	1.1417	0.315	2 ^{19/16} 3/8			
	ASPF206-103 ASPF206-104											
35 1 1/4 1 5/16 1 3/8 1 7/16	ASPF207	122	100	5.2	11	20	34	8.5	81			M10
	ASPF207-104											
	ASPF207-105	4 ^{13/16}	3 ^{15/16}	0.205	7/16	25/32	1.3386	0.335	3 ^{3/16} 3/8			
	ASPF207-106 ASPF207-107											
40 1 1/2 1 5/8	ASPF208	148	119	6.8	13.5	21	38	9	91			M12
	ASPF208-108 ASPF208-109	5 ^{13/16} 1 ^{5/8}	4 ^{1/16}	0.268	1 ^{13/32} 13/16	1.4961	0.354	3 ^{19/32} 1/2				

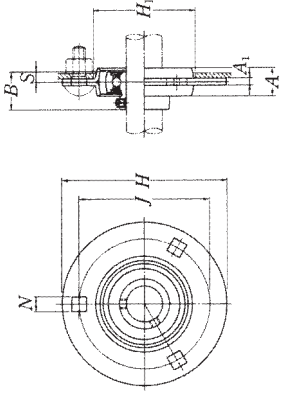
Notes (1) ASPF208 has four bolt holes.

(2) The permissible load only applies in applications where the load is stable and the speed is 2400 min⁻¹ or less.

Max. load recommended	Bearing number	Housing number	Mass of unit	N lbf	
				radial	axial
2 700 600	AS201	PF203	0.2	1 350	300
	AS201-008	PF203	0.4	300	
2 700 600	AS202	PF203	0.2	1 350	300
	AS202-009 AS202-010	PF203	0.4	300	
2 700 600	AS203	PF203	0.2	1 350	300
	AS203-011	PF203	0.4	300	
3 000 660	AS204	PF204	0.2	1 500	330
	AS204-012	PF204	0.4	330	
4 000 880	AS205	PF205	0.3	2 000	440
	AS205-013	PF205			
	AS205-014	PF205	0.7	440	
	AS205-015 AS205-100	PF205			
5 000 1 100	AS206	PF206	0.4	2 500	550
	AS206-101	PF206			
	AS206-102	PF206	0.9	550	
	AS206-103 AS206-104	PF206			
6 000 1 300	AS207	PF207	0.6	3 000	650
	AS207-104	PF207			
	AS207-105	PF207	1.3	650	
	AS207-106 AS207-107	PF207			
7 000 1 500	AS208	PF208	0.9	3 500	750
	AS208-108 AS208-109	PF208	2.0	750	

ASRPF2

Round flanged unit, pressed steel housing with rubber ring
Set screw type



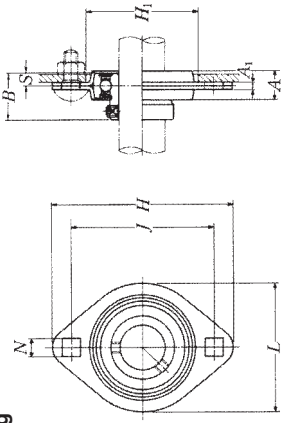
Shaft dia. mm inch	Unit number	Nominal dimensions										Bolt size mm inch
		H	J	A ₁	A	N	A	B	S	H ₁ min.	H ₁	
12 1/2	ASRPF201	90	71.5	4	16	22	6	56				M8
	ASRPF201-008	3 ³⁵ / ₆₄	2 ¹³ / ₁₆	0.157	29 ²³ / ₆₄	5 ⁵ / ₈	0.8661	0.236	2 ⁷ / ₃₂	5 ⁵ / ₁₆		
15 9/16 5/8	ASRPF202	90	71.5	4	16	22	6	56				M8
	ASRPF202-009	3 ³⁵ / ₆₄	2 ¹³ / ₁₆	0.157	29 ²³ / ₆₄	5 ⁵ / ₈	0.8661	0.236	2 ⁷ / ₃₂	5 ⁵ / ₁₆		
17 11/16	ASRPF203	90	71.5	4	16	22	6	56				M8
	ASRPF203-011	3 ³⁵ / ₆₄	2 ¹³ / ₁₆	0.157	29 ²³ / ₆₄	5 ⁵ / ₈	0.8661	0.236	2 ⁷ / ₃₂	5 ⁵ / ₁₆		
20 3/4	ASRPF204	95	76	4	18	25	7	60				M8
	ASRPF204-012	3 ³ / ₄	2 ⁸³ / ₆₄	0.157	29 ²³ / ₆₄	23 ³ / ₃₂	0.9843	0.276	2 ⁹ / ₈	5 ⁵ / ₁₆		
25 1 1/8 7/8 1 1/16 1	ASRPF205	113	90.5	5.2	11	18	7.5	71				M10
	ASRPF205-013	4 ¹³ / ₁₆	3 ⁹ / ₁₆	0.205	7 ⁷ / ₁₆	23 ²³ / ₃₂	1.0630	0.295	2 ¹³ / ₁₆	3 ⁹ / ₈		
	ASRPF205-014											
	ASRPF205-015											
30 1 1/8 1 1/8 1 1/8 1 1/4	ASRPF206	122	100	5.2	11	20	8	81				M10
	ASRPF206-101	4 ¹³ / ₁₆	3 ⁵ / ₁₆	0.205	7 ⁷ / ₁₆	29 ²³ / ₃₂	1.1417	0.315	3 ⁹ / ₁₆	3 ⁹ / ₈		
	ASRPF206-102											
	ASRPF206-103											
	ASRPF206-104											

Note (1) The permissible load only applies in applications where the load is stable and the speed is 2400 min⁻¹ or less.
Remarks When an anti-vibration rubber ring is used, the self alignment capability will be reduce.

Max. load recommended N lbf	Bearing number	Housing number		Mass of unit kg lb
		rubber ring	steel	
1 000 220	AS201	R201	PF204	0.2
	AS201-008	R201	PF204	0.4
1 000 220	AS202	R201	PF204	0.2
	AS202-009	R201	PF204	0.4
1 000 220	AS203	R201	PF204	0.2
	AS203-011	R201	PF204	0.4
1 150 250	AS204	R204	PF205	0.2
	AS204-012	R204	PF205	0.4
1 300 280	AS205	R205	PF206	0.3
	AS205-013	R205	PF206	
	AS205-014	R205	PF206	0.7
	AS205-015	R205	PF206	
1 500 330	AS205-100	R205	PF206	
	AS206	R206	PF207	0.5
	AS206-101	R206	PF207	
	AS206-102	R206	PF207	1.1
	AS206-103	R206	PF207	
	AS206-104	R206	PF207	

ASPFL2

Rhombus flanged unit, pressed steel housing Set screw type



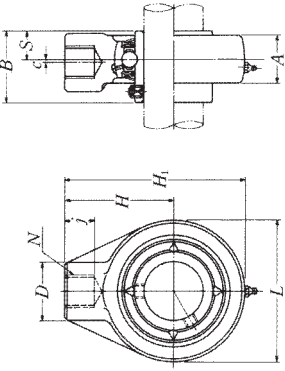
Shaft dia. mm inch	Unit number	Nominal dimensions mm inch										Bolt size mm inch	
		H	J	A ₁	N	A	L	B	S	H ₁	H ₁ min.		
12 1/2	ASPFL201	81	63.5	4	7.1	14	59	22	6	49	15/16	1/4	M6
	ASPFL201-008	3 3/16	2 1/2	0.157	9/32	9/16	2 5/16	0.8661	0.236	1 5/16	1/4		
15 9/16 5/8	ASPFL202	81	63.5	4	7.1	14	59	22	6	49	15/16	1/4	M6
	ASPFL202-009	3 3/16	2 1/2	0.157	9/32	9/16	2 5/16	0.8661	0.236	1 5/16	1/4		
17 11/16	ASPFL203	81	63.5	4	7.1	14	59	22	6	49	15/16	1/4	M6
	ASPFL203-011	3 3/16	2 1/2	0.157	9/32	9/16	2 5/16	0.8661	0.236	1 5/16	1/4		
20 3/4	ASPFL204	90	71.5	4	9	16	67	25	7	56	27/32	5/16	M8
	ASPFL204-012	3 5/16	2 13/16	0.157	1/4	5/8	2 5/8	0.9843	0.276	2 1/4	5/16		
25 1 1/8 1 1/16	ASPFL205	95	76	4	9	18	71	27	7.5	60	3/4	5/8	M8
	ASPFL205-013	3 7/8	2 9/16	0.157	1/4	7/16	2 25/32	1.0630	0.295	2 3/8	5/8		
30 1 1/8 1 1/16	ASPFL206	113	90.5	5.2	11	18	84	29	8	71	1 1/8	3/4	M10
	ASPFL206-101	4 1/2	3 5/8	0.205	7/16	23/32	3 1/16	1.1417	0.315	2 13/16	3/4		
35 1 1/4	ASPFL207	122	100	5.2	11	20	94	34	8.5	81	1 1/4	3/4	M10
	ASPFL207-104	4 7/8	3 7/8	0.205	7/16	25/32	3 1/16	1.3386	0.335	3 3/16	3/4		
40 1 1/2	ASPFL208	148	119	6.8	13.5	21	100	38	9	91	1 1/2	1/2	M12
	ASPFL208-108	5 7/8	4 11/16	0.268	17/32	53/64	3 15/16	1.4961	0.354	3 3/32	1/2		

Note (1) The permissible load only applies in applications where the load is stable and the speed is 2400 min⁻¹ or less.

Max. load recommended N lbf	Bearing number	Housing number	Mass of unit kg lb
2 700 600	AS201	PFL203	0.2
	AS201-008	PFL203	0.4
2 700 600	AS202	PFL203	0.2
	AS202-009	PFL203	0.4
2 700 600	AS203	PFL203	0.2
	AS203-011	PFL203	0.4
3 000 660	AS204	PFL204	0.2
	AS204-012	PFL204	0.4
4 000 880	AS205	PFL205	0.3
	AS205-013	PFL205	0.7
5 000 1 100	AS206	PFL206	0.4
	AS206-101	PFL206	0.9
6 000 1 300	AS207	PFL207	0.6
	AS207-104	PFL207	1.3
6 000 1 300	AS208	PFL208	0.8
	AS208-108	PFL208	1.8

UCHB2

Hanger unit, cast housing Set screw type



Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch										
		L	H ₁	c	A	H	N	D	j	B	S	
12 1/2	UCHB201D1	64	96	0	21	64	Rp ^{3/4}	40	19	31	12.7	
	UCHB201-008D1	2 ^{17/32}	3 ^{25/32}	0	13 ^{35/64}	2 ^{33/64}	Rp ^{3/4}	1 ^{9/16}	3/4	1.2205	0.500	
	UCHB202D1	64	96	0	21	64	Rp ^{3/4}	40	19	31	12.7	
15 9/16 5/8	UCHB202-009D1	2 ^{17/32}	3 ^{25/32}	0	13 ^{35/64}	2 ^{33/64}	Rp ^{3/4}	1 ^{9/16}	3/4	1.2205	0.500	
	UCHB202-010D1											
	UCHB203D1	64	96	0	21	64	Rp ^{3/4}	40	19	31	12.7	
17 11/16	UCHB203-011D1	2 ^{17/32}	3 ^{25/32}	0	13 ^{35/64}	2 ^{33/64}	Rp ^{3/4}	1 ^{9/16}	3/4	1.2205	0.500	
	UCHB204D1	64	96	0	21	64	Rp ^{3/4}	40	19	31	12.7	
	UCHB204-012D1	2 ^{17/32}	3 ^{25/32}	0	13 ^{35/64}	2 ^{33/64}	Rp ^{3/4}	1 ^{9/16}	3/4	1.2205	0.500	
25 19/16 7/8 15/16	UCHB205D1	78	103	0	24	64	Rp ^{3/4}	40	19	34.1	14.3	
	UCHB205-013D1											
	UCHB205-014D1	3 ^{1/16}	4 ^{1/16}	0	15 ^{35/64}	2 ^{33/64}	Rp ^{3/4}	1 ^{9/16}	3/4	1.3425	0.563	
	UCHB205-015D1											
	UCHB205-100D1											
30 1 1/16 1 1/8 1 3/8 1 1/4	UCHB206D1	78	103	0	28	64	Rp ^{3/4}	40	19	38.1	15.9	
	UCHB206-101D1											
	UCHB206-102D1	3 ^{1/16}	4 ^{1/16}	0	1 ^{3/32}	2 ^{33/64}	Rp ^{3/4}	1 ^{9/16}	3/4	1.5000	0.626	
	UCHB206-103D1											
	UCHB206-104D1											
35 1 1/4 1 5/8 1 3/4 1 7/8	UCHB207D1	92	116	0	30	70	Rp ^{3/4}	40	19	42.9	17.5	
	UCHB207-104D1											
	UCHB207-105D1	3 ^{5/8}	4 ^{9/16}	0	1 ^{3/16}	2 ^{3/4}	Rp ^{3/4}	1 ^{9/16}	3/4	1.6890	0.689	
	UCHB207-106D1											
	UCHB207-107D1											
40 1 1/2 1 5/8	UCHB208D1	96	121	2	33	73	Rp ^{3/4}	40	19	49.2	19	
	UCHB208-108D1	3 ^{25/32}	4 ^{3/4}	3/32	1 ^{5/16}	2 ^{7/8}	Rp ^{3/4}	1 ^{9/16}	3/4	1.9370	0.748	
	UCHB208-109D1											

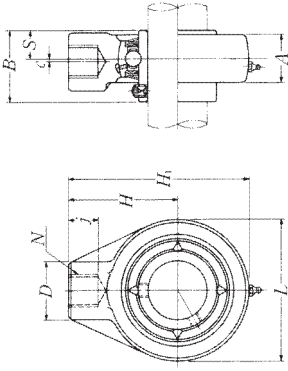
Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Nominal Designation of Thread N	Nominal dimensions mm				
	Major Diameter of Internal Thread	Pitch Diameter	Minor Diameter of Internal Thread	Tolerances	Mounting Bolt size
Rp ^{3/4} (PS ^{3/4})	26.441	25.279	24.117	±0.142	R ^{3/4} (PT ^{3/4})
Rp1(PS1)	33.249	31.770	30.291	±0.181	R1(PT1)
Rp1 ^{1/4} (PS1 ^{1/4})	41.910	40.431	38.952	±0.181	R1 ^{1/4} (PT1 ^{1/4})
Rp1 ^{1/2} (PS1 ^{1/2})	47.803	46.324	44.845	±0.181	R1 ^{1/2} (PT1 ^{1/2})

Bearing number	Housing number	Mass of unit	
		kg	lb
UC201D1	HB204D1	1.0	
UC201-008D1	HB204D1	2.2	
UC202D1	HB204D1	0.9	
UC202-009D1	HB204D1	2.0	
UC202-010D1	HB204D1		
UC203D1	HB204D1	0.9	
UC203-011D1	HB204D1	2.0	
UC204D1	HB204D1	0.9	
UC204-012D1	HB204D1	2.0	
UC205D1	HB205D1	0.9	
UC205-013D1	HB205D1		
UC205-014D1	HB205D1	2.0	
UC205-015D1	HB205D1		
UC205-100D1	HB205D1		
UC206D1	HB206D1	0.8	
UC206-101D1	HB206D1		
UC206-102D1	HB206D1	1.8	
UC206-103D1	HB206D1		
UC206-104D1	HB206D1		
UC207D1	HB207D1	1.2	
UC207-104D1	HB207D1		
UC207-105D1	HB207D1	2.6	
UC207-106D1	HB207D1		
UC207-107D1	HB207D1		
UC208D1	HB208D1	1.3	
UC208-108D1	HB208D1	2.9	
UC208-109D1	HB208D1		

UCHB2

Hanger unit, cast housing Set screw type



Shaft dia.	Unit number (*)	Nominal dimensions										
		mm inch										
mm inch	L	H ₁	c	A	H	N	D	j	B	S		
45	UCHB209D1	108	136	5	35	82	Rp1	48	21	49.2	19	
1 ⁵ / ₈	UCHB209-110D1	4 ¹ / ₄	5 ¹⁹ / ₃₂	9 ³ / ₁₆	1 ³ / ₈	3 ¹⁵ / ₆₄	Rp1	1 ⁷ / ₈	19 ¹³ / ₁₆	1.9370	0.748	
1 ¹ / ₂	UCHB209-111D1											
1 ³ / ₄	UCHB209-112D1											
50	UCHB210D1	118	142	5	37	83	Rp1	48	21	51.6	19	
1 ⁹ / ₁₆	UCHB210-113D1											
1 ⁷ / ₈	UCHB210-114D1	4 ³ / ₃₂	5 ¹⁹ / ₃₂	3 ³ / ₁₆	1 ¹⁵ / ₃₂	3 ¹⁷ / ₆₄	Rp1	1 ⁷ / ₈	13 ¹³ / ₁₆	2.0315	0.748	
1 ⁵ / ₈	UCHB210-115D1											
2	UCHB210-200D1											
55	UCHB211D1	126	158	7	38	95	Rp1 ¹ / ₄	60	25	55.6	22.2	
2	UCHB211-200D1											
2 ¹ / ₁₆	UCHB211-201D1	4 ³ / ₃₂	6 ⁷ / ₃₂	9 ⁹ / ₃₂	1 ¹ / ₂	3 ⁴⁷ / ₆₄	Rp1 ¹ / ₄	2 ³ / ₈	31 ³¹ / ₃₂	2.1890	0.874	
2 ¹ / ₈	UCHB211-202D1											
2 ³ / ₁₆	UCHB211-203D1											
60	UCHB212D1	142	173	9	42	102	Rp1 ¹ / ₄	60	28	65.1	25.4	
2 ¹ / ₄	UCHB212-204D1											
2 ⁵ / ₁₆	UCHB212-205D1	5 ¹⁹ / ₃₂	6 ¹³ / ₁₆	1 ¹ / ₃₂	1 ²¹ / ₃₂	4 ¹ / ₆₄	Rp1 ¹ / ₄	2 ³ / ₈	1 ³ / ₃₂	2.5630	1.000	
2 ³ / ₈	UCHB212-206D1											
2 ⁷ / ₁₆	UCHB212-207D1											
65	UCHB213D1	166	200	9.5	44	117	Rp1 ¹ / ₂	70	32	65.1	25.4	
2 ¹ / ₂	UCHB213-208D1	6 ⁷ / ₃₂	7 ⁷ / ₈	9 ⁹ / ₃₂	1 ²³ / ₃₂	4 ³⁹ / ₆₄	Rp1 ¹ / ₂	2 ³ / ₄	1 ¹ / ₄	2.5630	1.000	

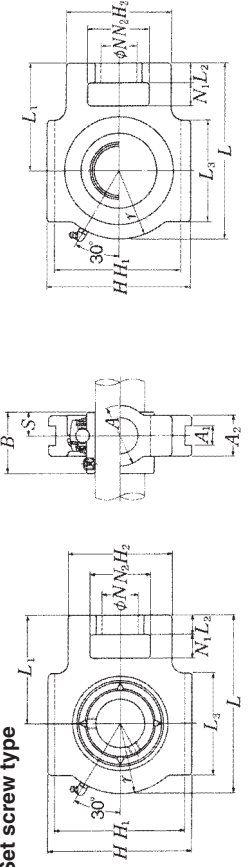
Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Nominal Designation of Thread N	Nominal dimensions mm				
	Major Diameter of Internal Thread	Pitch Diameter	Minor Diameter of Internal Thread	Tolerances	Mounting Bolt size
Rp ³ / ₄ (PS ³ / ₄)	26.441	25.279	24.117	±0.142	R ³ / ₄ (PT ³ / ₄)
Rp1(PS1)	33.249	31.770	30.291	±0.181	R1(PT1)
Rp1 ¹ / ₄ (PS1 ¹ / ₄)	41.910	40.431	38.952	±0.181	R1 ¹ / ₄ (PT1 ¹ / ₄)
Rp1 ¹ / ₂ (PS1 ¹ / ₂)	47.803	46.324	44.845	±0.181	R1 ¹ / ₂ (PT1 ¹ / ₂)

Bearing number	Housing number	Mass of unit kg lb
UC209D1	HB209D1	1.8
UC209-110D1	HB209D1	4.0
UC209-111D1	HB209D1	
UC209-112D1	HB209D1	
UC210D1	HB210D1	2.2
UC210-113D1	HB210D1	
UC210-114D1	HB210D1	4.9
UC210-115D1	HB210D1	
UC210-200D1	HB210D1	
UC211D1	HB211D1	2.8
UC211-200D1	HB211D1	
UC211-201D1	HB211D1	6.2
UC211-202D1	HB211D1	
UC211-203D1	HB211D1	
UC212D1	HB212D1	3.7
UC212-204D1	HB212D1	
UC212-205D1	HB212D1	8.2
UC212-206D1	HB212D1	
UC212-207D1	HB212D1	
UC213D1	HB213D1	5.7
UC213-208D1	HB213D1	13

UCT2

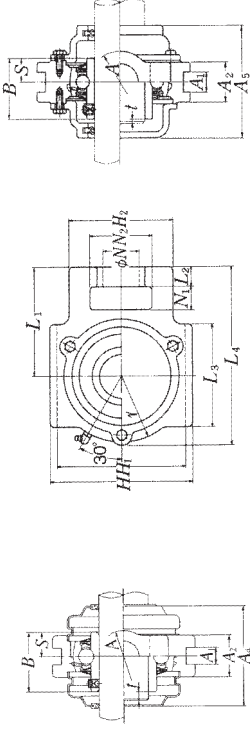
Take-up unit, cast housing Set screw type



Pressed steel dust cover type
Open end **Z-UCT...D1**
Closed end **ZM-UCT...D1**

Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch															
		N ₁	L ₂	H ₂	N ₂	L ₃	A ₁	H ₁	H	L	A ₂	A	r	L ₁	B	S	
12 1/2	UCT201D1	16	12	51	32	19	51	12	76	89	94	21	32	33	61	31	12.7
	UCT201-008D1	5/8	15/32	2	1 1/4	3/4	2	0.472	2 33/64	3 1/2	3 11/16	13/16	1 1/4	1 5/16	2 3/8	1.2205	0.500
15 9/16 5/8	UCT202D1	16	12	51	32	19	51	12	76	89	94	21	32	33	61	31	12.7
	UCT202-009D1	5/8	15/32	2	1 1/4	3/4	2	0.472	2 29/64	3 1/2	3 11/16	13/16	1 1/4	1 5/16	2 3/8	1.2205	0.500
17 11/16	UCT203D1	16	12	51	32	19	51	12	76	89	94	21	32	33	61	31	12.7
	UCT203-011D1	5/8	15/32	2	1 1/4	3/4	2	0.472	2 63/64	3 1/2	3 11/16	13/16	1 1/4	1 5/16	2 3/8	1.2205	0.500
20 3/4	UCT204D1	16	12	51	32	19	51	12	76	89	94	21	32	33	61	31	12.7
	UCT204-012D1	5/8	15/32	2	1 1/4	3/4	2	0.472	2 33/64	3 1/2	3 11/16	13/16	1 1/4	1 5/16	2 3/8	1.2205	0.500
25 1 1/8 7/8 15/16	UCT205D1	16	12	51	32	19	51	12	76	89	97	24	32	35	62	34.1	14.3
	UCT205-013D1	5/8	15/32	2	1 1/4	3/4	2	0.472	2 33/64	3 1/2	3 13/16	13/16	1 1/4	1 3/8	2 7/16	1.3425	0.563
30 1 1/8	UCT206D1	16	12	56	37	22	57	12	89	102	113	28	37	43	70	38.1	15.9
	UCT206-102D1	5/8	15/32	2 7/32	1 15/32	7/8	2 1/4	0.472	3 1/2	4 1/32	4 7/16	1 3/32	1 15/32	1 11/16	2 3/4	1.5000	0.626
35 1 1/4	UCT207D1	16	15	64	37	22	64	12	89	102	129	30	37	51	78	42.9	17.5
	UCT207-104D1	5/8	19/32	2 17/32	1 15/32	7/8	2 17/32	0.472	3 1/2	4 1/32	5 3/32	1 3/8	1 15/32	2	3 1/16	1.6880	0.689
40 1 1/2	UCT208D1	19	18	83	49	29	83	16	102	114	144	33	49	56	88	49.2	19
	UCT208-108D1	3/4	23/32	3 3/32	1 15/16	1 1/32	3 9/32	0.630	4 1/64	4 1/2	5 21/32	1 5/16	1 15/16	2 7/32	3 5/16	1.9370	0.748

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

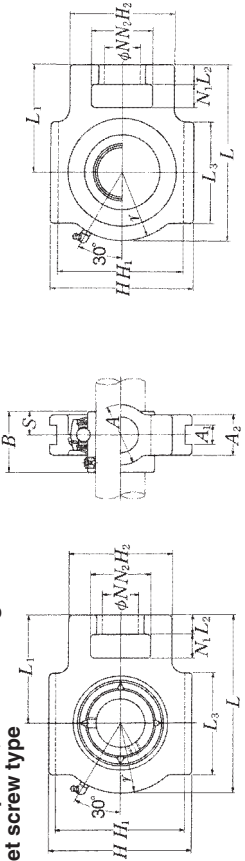


Cast dust cover type
Open end **C-UCT...D1**
Closed end **CM-UCT...D1**

Bearing number	Housing number	Unit number (1) pressed steel dust cover type	Unit number (1) cast dust cover type	Nominal dimensions mm inch			Mass of unit kg lb			
				t max.	A ₄	A ₅				
UC201D1 UC201-008D1	T204D1	Z(ZM)-UCT201D1	C(CM)-UCT201D1	2	45	97	62	0.6	0.8	1.1
	T204D1	Z(ZM)-UCT201-008D1	C(CM)-UCT201-008D1	5/64	1 25/64	3 3/8	2 7/16	1.3	1.8	2.4
UC202D1 UC202-009D1 UC202-010D1	T204D1	Z(ZM)-UCT202D1	C(CM)-UCT202D1	2	45	97	62	0.6	0.8	1.1
	T204D1	Z(ZM)-UCT202-009D1	C(CM)-UCT202-009D1	5/64	1 25/64	3 3/8	2 7/16	1.3	1.8	2.4
UC203D1 UC203-011D1	T204D1	Z(ZM)-UCT203D1	C(CM)-UCT203D1	2	45	97	62	0.6	0.8	1.0
	T204D1	Z(ZM)-UCT203-011D1	C(CM)-UCT203-011D1	5/64	1 25/64	3 3/8	2 7/16	1.3	1.8	2.2
UC204-012D1	T204D1	Z(ZM)-UCT204D1	C(CM)-UCT204D1	2	45	97	62	0.6	0.8	1.0
	T204D1	Z(ZM)-UCT204-012D1	C(CM)-UCT204-012D1	5/64	1 25/64	3 3/8	2 7/16	1.3	1.8	2.2
UC205D1 UC205-013D1 UC205-014D1 UC205-015D1 UC205-100D1	T205D1	Z(ZM)-UCT205D1	C(CM)-UCT205D1	2	48	100.5	70	0.8	0.9	1.1
	T205D1	Z(ZM)-UCT205-013D1	C(CM)-UCT205-013D1	5/64	1 29/64	3 3/8	2 3/4	1.8	2.0	2.4
UC206D1 UC206-101D1 UC206-102D1 UC206-103D1 UC206-104D1	T206D1	Z(ZM)-UCT206D1	C(CM)-UCT206D1	2	53	113.5	75	1.3	1.3	1.7
	T206D1	Z(ZM)-UCT206-101D1	C(CM)-UCT206-101D1	5/64	2 1/32	4 15/32	2 15/16	2.9	2.9	3.7
UC207D1 UC207-104D1 UC207-105D1 UC207-106D1 UC207-107D1	T207D1	Z(ZM)-UCT207D1	C(CM)-UCT207D1	3	60	129	80	1.6	1.7	2.1
	T207D1	Z(ZM)-UCT207-104D1	C(CM)-UCT207-104D1	1/8	2 1/8	5 3/8	3 5/8	3.5	3.7	4.6
UC208D1 UC208-108D1 UC208-109D1	T208D1	Z(ZM)-UCT208D1	C(CM)-UCT208D1	3	69	144	90	2.4	2.5	3.1
	T208D1	Z(ZM)-UCT208-108D1	C(CM)-UCT208-108D1	1/8	2 23/64	5 5/8	3 17/32	5.3	5.5	6.8

UCT2

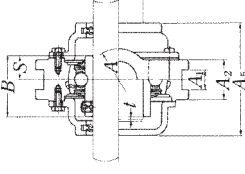
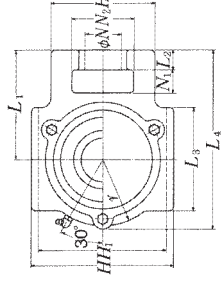
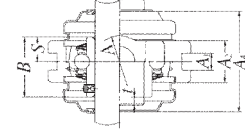
Take-up unit, cast housing Set screw type



Pressed steel dust cover type
Open end Z-UCT...D1
Closed end ZM-UCT...D1

Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch																	
		N ₁	L ₂	H ₂	N ₂	A ₁	L ₃	N	L ₁	H ₁	H	L	A ₂	A	r	L ₁	B	S	
45	UCT209D1	19	18	83	49	29	83	16	102	117	145	35	49	57	88	49.2	19		
1 5/8	UCT209-110D1																		
1 1/8	UCT209-111D1	3/4	29/32	3 3/8	1 1/8	1 5/32	3 3/8	0.630	4 1/4	4 19/32	5 29/32	1 3/8	1 1/8	2 1/4	3 1/8	1.9370	0.748		
1 3/4	UCT209-112D1																		
50	UCT210D1	19	18	83	49	29	86	16	102	117	151	37	49	59	92	51.6	19		
1 5/8	UCT210-113D1																		
1 1/8	UCT210-114D1	3/4	29/32	3 3/8	1 1/8	1 5/32	3 3/8	0.630	4 1/4	4 19/32	5 15/16	1 15/16	1 1/8	2 5/16	3 5/16	2.0315	0.748		
1 5/8	UCT210-115D1																		
2	UCT210-200D1																		
55	UCT211D1	25	21	102	64	35	95	22	130	146	171	38	64	65	106	55.6	22.2		
2	UCT211-200D1																		
2 1/8	UCT211-201D1	3/8	19/32	4 1/2	2 1/8	1 3/8	3 3/4	0.866	5 1/8	5 3/4	6 29/32	1 1/2	2 7/8	2 9/16	4 3/16	2.1890	0.874		
2 1/8	UCT211-202D1																		
2 5/8	UCT211-203D1																		
60	UCT212D1	32	21	102	64	35	102	22	130	146	194	42	64	75	119	65.1	25.4		
2 1/4	UCT212-204D1																		
2 5/8	UCT212-205D1	1 1/4	19/16	4 1/2	2 1/8	1 3/8	4 1/2	0.866	5 1/8	5 3/4	7 5/8	1 1/2	2 7/8	2 15/16	4 1/16	2.5630	1.000		
2 5/8	UCT212-206D1																		
2 5/8	UCT212-207D1																		
65	UCT213D1	32	23	111	70	41	121	26	151	167	224	44	70	87	137	65.1	25.4		
2 1/2	UCT213-208D1	1 1/4	29/32	4 3/8	2 3/4	1 5/8	4 3/4	1.024	5 15/16	6 13/16	8 13/16	1 23/32	2 3/4	3 7/8	5 1/8	2.5630	1.000		
2 5/8	UCT213-209D1																		
70	UCT214D1	32	23	111	70	41	121	26	151	167	224	46	70	87	137	74.6	30.2		
2 5/8	UCT214-210D1																		
2 1/8	UCT214-211D1	1 1/4	29/32	4 3/8	2 3/4	1 5/8	4 3/4	1.024	5 15/16	6 13/16	8 13/16	1 19/32	2 3/4	3 7/8	5 1/8	2.9370	1.189		
2 1/4	UCT214-212D1																		

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

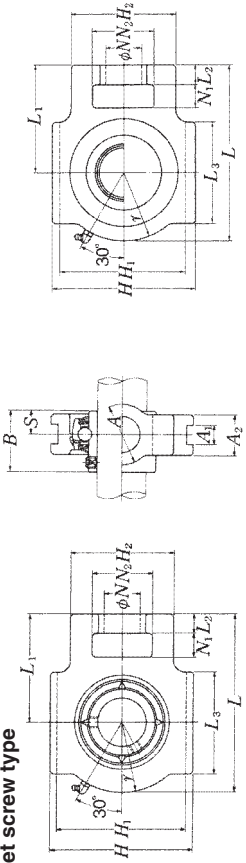


Cast dust cover type
Open end C-UCT...D1
Closed end CM-UCT...D1

Bearing number	Housing number	Unit number (1) pressed steel dust cover type	Unit number (1) cast dust cover type	Nominal dimensions mm inch			Mass of unit kg lb			
				t max.	A ₄	A ₅				
UC209D1	T209D1	Z(ZM)-UCT209D1	C(CM)-UCT209D1	3	69	145.5	95	2.4	2.5	3.3
UC209-110D1	T209D1	Z(ZM)-UCT209-110D1	C(CM)-UCT209-110D1							
UC209-111D1	T209D1	Z(ZM)-UCT209-111D1	C(CM)-UCT209-111D1	1/8	2 29/32	5 29/32	3 3/4	5.3	5.5	7.3
UC209-112D1	T209D1	Z(ZM)-UCT209-112D1	C(CM)-UCT209-112D1							
UC210D1	T210D1	Z(ZM)-UCT210D1	C(CM)-UCT210D1	3	76	152	100	2.6	2.7	3.6
UC210-113D1	T210D1	Z(ZM)-UCT210-113D1	C(CM)-UCT210-113D1							
UC210-114D1	T210D1	Z(ZM)-UCT210-114D1	C(CM)-UCT210-114D1	1/8	3	5 39/32	3 15/16	5.7	6.0	7.9
UC210-115D1	T210D1	Z(ZM)-UCT210-115D1	C(CM)-UCT210-115D1							
UC210-200D1	T210D1	—	C(CM)-UCT210-200D1							
UC211D1	T211D1	Z(ZM)-UCT211D1	C(CM)-UCT211D1	4	77	171.5	100	3.9	4.1	5.0
UC211-200D1	T211D1	Z(ZM)-UCT211-200D1	C(CM)-UCT211-200D1							
UC211-201D1	T211D1	Z(ZM)-UCT211-201D1	C(CM)-UCT211-201D1	5/32	3 3/32	6 3/4	3 15/16	8.6	9.0	11
UC211-202D1	T211D1	Z(ZM)-UCT211-202D1	C(CM)-UCT211-202D1							
UC211-203D1	T211D1	Z(ZM)-UCT211-203D1	C(CM)-UCT211-203D1							
UC212D1	T212D1	Z(ZM)-UCT212D1	C(CM)-UCT212D1	4	89	194	115	4.8	5.1	6.1
UC212-204D1	T212D1	Z(ZM)-UCT212-204D1	C(CM)-UCT212-204D1							
UC212-205D1	T212D1	Z(ZM)-UCT212-205D1	C(CM)-UCT212-205D1	5/32	3 1/2	7 5/8	4 17/32	11	11	13
UC212-206D1	T212D1	Z(ZM)-UCT212-206D1	C(CM)-UCT212-206D1							
UC212-207D1	T212D1	—	C(CM)-UCT212-207D1							
UC213D1	T213D1	Z(ZM)-UCT213D1	C(CM)-UCT213D1	4	91	224	120	7.0	7.3	8.4
UC213-208D1	T213D1	Z(ZM)-UCT213-208D1	C(CM)-UCT213-208D1	5/32	3 19/32	8 1/8	4 23/32	15	16	19
UC213-209D1	T213D1	Z(ZM)-UCT213-209D1	C(CM)-UCT213-209D1							
UC214D1	T214D1	—	C(CM)-UCT214D1	4	—	224	135	7.0	—	9.1
UC214-210D1	T214D1	—	C(CM)-UCT214-210D1							
UC214-211D1	T214D1	—	C(CM)-UCT214-211D1	5/32	—	8 1/16	5 5/16	15	—	20
UC214-212D1	T214D1	—	C(CM)-UCT214-212D1							

UCT2

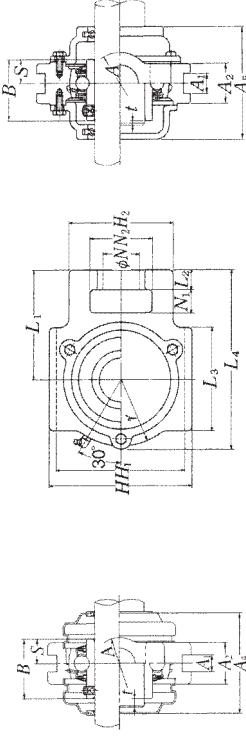
Take-up unit, cast housing Set screw type



Pressed steel dust cover type
Open end **Z-UCT...D1**
Closed end **ZM-UCT...D1**

Shaft dia. mm inch	Unit number (1)	Nominal dimensions															
		N_1	L_2	H_2	N_2	L_3	A_1	H_1	H	L	A_2	A	r	L_1	B	S	
75	UCT215D1	32	23	111	70	41	121	26	151	167	232	48	70	92	140	77.8	33.3
$2\frac{3}{16}$	UCT215-213D1																
$2\frac{1}{8}$	UCT215-214D1																
$2\frac{5}{16}$	UCT215-215D1	$1\frac{1}{4}$	$\frac{29}{32}$	$4\frac{3}{8}$	$2\frac{3}{4}$	$1\frac{5}{8}$	$4\frac{3}{4}$	1.024	$5\frac{15}{16}$	$6\frac{9}{16}$	$9\frac{1}{8}$	$1\frac{7}{8}$	$2\frac{3}{4}$	$3\frac{5}{8}$	$5\frac{1}{2}$	3.0630	1.311
3	UCT215-300D1																
80	UCT216D1	32	23	111	70	41	121	26	165	184	235	51	70	95	140	82.6	33.3
$3\frac{1}{16}$	UCT216-301D1																
$3\frac{1}{8}$	UCT216-302D1	$1\frac{1}{4}$	$\frac{29}{32}$	$4\frac{3}{8}$	$2\frac{3}{4}$	$1\frac{5}{8}$	$4\frac{3}{4}$	1.024	$6\frac{1}{2}$	$7\frac{1}{4}$	$9\frac{1}{4}$	2	$2\frac{3}{4}$	$3\frac{3}{4}$	$5\frac{1}{2}$	3.2520	1.311
$3\frac{3}{16}$	UCT216-303D1																
85	UCT217D1	38	31	124	73	48	157	30	173	198	260	54	73	98	162	85.7	34.1
$3\frac{1}{4}$	UCT217-304D1																
$3\frac{5}{16}$	UCT217-305D1	$1\frac{1}{2}$	$1\frac{7}{32}$	$4\frac{7}{8}$	$2\frac{1}{2}$	$1\frac{7}{8}$	$6\frac{3}{16}$	1.181	$6\frac{19}{16}$	$7\frac{29}{32}$	$10\frac{1}{4}$	$2\frac{1}{8}$	$2\frac{1}{2}$	$3\frac{27}{32}$	$6\frac{3}{8}$	3.3740	1.343
$3\frac{7}{16}$	UCT217-307D1																

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

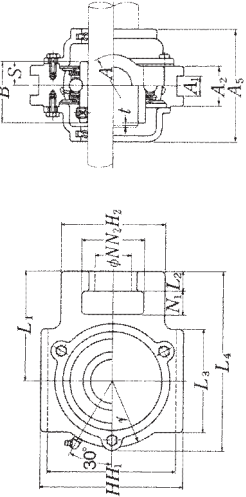
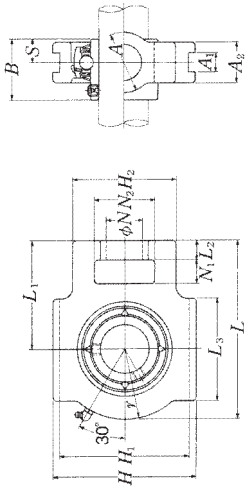


Cast dust cover type
Open end **C-UCT...D1**
Closed end **CM-UCT...D1**

Bearing number	Housing number	Unit number (1) pressed steel dust cover type	Unit number (1) cast dust cover type	Nominal dimensions		Mass of unit kg lb
				t max.	r	
UC215D1	T215D1	—	C(CM)-UCT215D1	4	—	7.4 — 9.8
UC215-213D1	T215D1	—	C(CM)-UCT215-213D1	$\frac{5}{32}$	—	—
UC215-214D1	T215D1	—	C(CM)-UCT215-214D1	$9\frac{1}{16}$	$5\frac{5}{16}$	16 — 22
UC215-215D1	T215D1	—	C(CM)-UCT215-215D1	$\frac{5}{32}$	—	—
UC215-300D1	T215D1	—	C(CM)-UCT215-300D1	4	—	7.4 — 9.8
UC216D1	T216D1	—	C(CM)-UCT216D1	4	—	8.2 — 11
UC216-301D1	T216D1	—	C(CM)-UCT216-301D1	$\frac{5}{32}$	—	—
UC216-302D1	T216D1	—	C(CM)-UCT216-302D1	$9\frac{1}{4}$	$5\frac{23}{32}$	18 — 24
UC216-303D1	T216D1	—	C(CM)-UCT216-303D1	$\frac{5}{32}$	—	—
UC217D1	T217D1	—	C(CM)-UCT217D1	5	—	11 — 14
UC217-304D1	T217D1	—	C(CM)-UCT217-304D1	$\frac{13}{64}$	—	—
UC217-305D1	T217D1	—	C(CM)-UCT217-305D1	$10\frac{1}{4}$	$6\frac{3}{32}$	24 — 31
UC217-307D1	T217D1	—	C(CM)-UCT217-307D1	$10\frac{1}{4}$	$6\frac{3}{32}$	24 — 31

UCT3

Take-up unit, cast housing Set screw type



Cast dust cover type
Open end C-UCT...D1
Closed end CM-UCT...D1

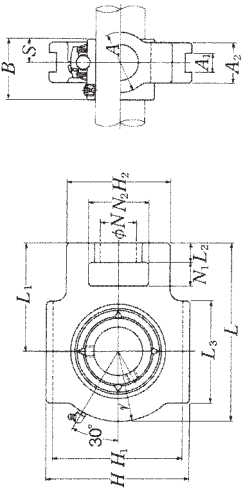
Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch															
		N ₁	L ₂	H ₂	N ₂	N	L ₃	A ₁	H ₁	L	A ₂	A	r	L ₁	B	S	
25 1 ³ / ₁₆ 7/8	UCT305D1 UCT305-013D1 UCT305-014D1 UCT305-015D1 UCT305-100D1	16	14	62	36	26	65	12	80	89	122	26	36	46	76	38	15
30 1 ¹ / ₁₆ 1 ¹ / ₈	UCT306D1 UCT306-101D1 UCT306-102D1 UCT306-103D1	18	16	70	41	28	74	16	90	100	137	28	41	52	85	43	17
35 1 ¹ / ₄ 1 ⁵ / ₁₆ 1 ³ / ₈	UCT307D1 UCT307-104D1 UCT307-105D1 UCT307-106D1 UCT307-107D1	20	17	75	45	30	80	16	100	111	150	32	45	56	94	48	19
40 1 ¹ / ₂ 1 ⁷ / ₁₆ 1 ³ / ₄	UCT308D1 UCT308-108D1 UCT308-109D1	22	19	83	50	32	89	18	112	124	162	34	50	62	100	52	19
45 1 ⁵ / ₁₆ 1 ¹ / ₂ 1 ³ / ₄	UCT309D1 UCT309-110D1 UCT309-111D1 UCT309-112D1	24	20	90	55	34	97	18	125	138	178	38	55	68	110	57	22
50 1 ³ / ₁₆ 1 ¹ / ₂ 1 ⁵ / ₈	UCT310D1 UCT310-113D1 UCT310-114D1 UCT310-115D1	27	22	98	61	37	106	20	140	151	192	40	61	74	118	61	22

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Unit number (1) cast dust cover type	Nominal dimensions mm inch			Mass of unit kg lb	
			t max.	L ₄	A ₅		
UC305D1 UC305-013D1 UC305-014D1 UC305-015D1 UC305-100D1	T305D1 T305D1 T305D1 T305D1 T305D1	C(CM)-UCT305D1 C(CM)-UCT305-013D1 C(CM)-UCT305-014D1 C(CM)-UCT305-015D1 C(CM)-UCT305-100D1	2	122	80	1.4	1.7
UC306D1 UC306-101D1 UC306-102D1 UC306-103D1	T306D1 T306D1 T306D1 T306D1	C(CM)-UCT306D1 C(CM)-UCT306-101D1 C(CM)-UCT306-102D1 C(CM)-UCT306-103D1	2	139	85	1.8	2.4
UC307D1 UC307-104D1 UC307-105D1 UC307-106D1 UC307-107D1	T307D1 T307D1 T307D1 T307D1 T307D1	C(CM)-UCT307D1 C(CM)-UCT307-104D1 C(CM)-UCT307-105D1 C(CM)-UCT307-106D1 C(CM)-UCT307-107D1	3	152	95	2.3	3.2
UC308D1 UC308-108D1 UC308-109D1	T308D1 T308D1 T308D1	C(CM)-UCT308D1 C(CM)-UCT308-108D1 C(CM)-UCT308-109D1	3	164	105	3.0	4.2
UC309D1 UC309-110D1 UC309-111D1 UC309-112D1	T309D1 T309D1 T309D1 T309D1	C(CM)-UCT309D1 C(CM)-UCT309-110D1 C(CM)-UCT309-111D1 C(CM)-UCT309-112D1	3	181	110	4.0	5.4
UC310D1 UC310-113D1 UC310-114D1 UC310-115D1	T310D1 T310D1 T310D1 T310D1	C(CM)-UCT310D1 C(CM)-UCT310-113D1 C(CM)-UCT310-114D1 C(CM)-UCT310-115D1	3	197	120	5.0	7.0

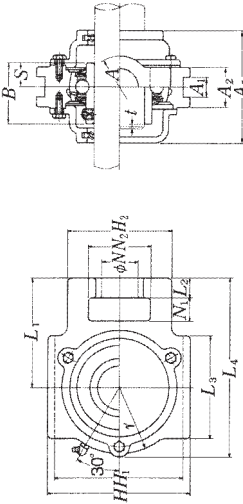
UCT3

Take-up unit, cast housing Set screw type



Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch															
		N ₁	L ₂	H ₂	N ₂	N	L ₃	A ₁	H ₁	H	L	A ₂	A	r	L ₁	B	S
55	UCT311D1	29	23	105	66	39	115	22	150	163	207	44	66	80	127	66	25
2	UCT311-2000D1																
2 1/16	UCT311-2010D1	1 5/16	29/32	4 1/8	2 9/16	1 7/32	4 17/32	0.866	5 29/32	6 13/32	8 5/32	1 29/32	2 19/32	3 5/32	5	2.5984	0.984
2 3/16	UCT311-2020D1																
2 3/8	UCT311-2030D1																
60	UCT312D1	31	25	113	71	41	123	22	160	178	220	46	71	85	135	71	26
2 1/4	UCT312-2040D1																
2 5/16	UCT312-2050D1	1 3/16	31/32	4 7/16	2 5/16	1 5/8	4 27/32	0.866	6 9/16	7	8 21/32	1 13/16	2 29/32	3 11/32	5 5/16	2.7953	1.024
2 3/8	UCT312-2060D1																
2 1/2	UCT312-2070D1																
65	UCT313D1	32	27	116	70	43	134	26	170	190	238	50	80	92	146	75	30
2 1/2	UCT313-2080D1																
2 3/8	UCT313-2090D1	1 1/4	1 1/16	4 9/16	2 3/4	1 13/16	5 9/16	1.024	6 11/16	7 15/16	9 3/8	1 9/16	3 5/8	3 3/8	5 3/4	2.9528	1.181
70	UCT314D1	36	27	130	85	46	140	26	180	202	252	52	90	97	155	78	33
2 3/8	UCT314-2100D1																
2 1/2	UCT314-2110D1	1 13/32	1 1/16	5 1/8	3 1/16	1 13/16	5 1/2	1.024	7 3/16	7 15/16	9 29/32	2 1/16	3 7/16	3 13/16	6 3/8	3.0709	1.299
2 3/4	UCT314-2120D1																
75	UCT315D1	36	27	132	85	46	150	26	192	216	262	55	90	102	160	82	32
2 3/8	UCT315-2130D1																
2 1/2	UCT315-2140D1	1 13/32	1 1/16	5 3/8	3 1/16	1 13/16	5 29/32	1.024	7 9/16	8 1/2	10 5/16	2 5/32	3 7/32	4 1/32	6 5/16	3.2283	1.260
2 3/8	UCT315-2150D1																
3	UCT315-3000D1																
80	UCT316D1	42	30	150	98	53	160	30	204	230	282	60	102	108	174	86	34
3 1/8	UCT316-3010D1																
3 3/8	UCT316-3020D1	1 21/32	1 3/16	5 29/32	3 27/32	2 3/32	6 5/16	1.181	8 1/8	9 1/16	11 3/32	2 3/8	4 1/32	4 1/4	6 27/32	3.3858	1.399
3 5/8	UCT316-3030D1																

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

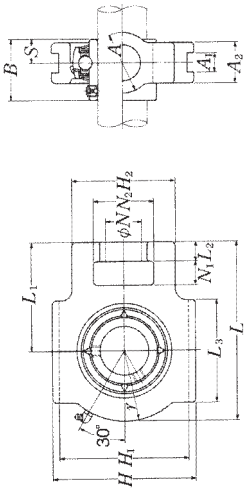


Cast dust cover type
Open end C-UCT...D1
Closed end CM-UCT...D1

Bearing number	Housing number	Unit number (1) cast dust cover type	Nominal dimensions mm inch			Mass of unit kg lb	
			t max.	L ₄	A ₅		UCT
UC311D1	T311D1	C(CM)-UCT311D1	4	211	125	6.3	8.4
UC311-2000D1	T311D1	C(CM)-UCT311-2000D1					
UC311-2010D1	T311D1	C(CM)-UCT311-2010D1	5/32	8 5/16	4 29/32	14	19
UC311-2020D1	T311D1	C(CM)-UCT311-2020D1					
UC311-2030D1	T311D1	C(CM)-UCT311-2030D1					
UC312D1	T312D1	C(CM)-UCT312D1	4	227	135	7.6	10
UC312-2040D1	T312D1	C(CM)-UCT312-2040D1					
UC312-2050D1	T312D1	C(CM)-UCT312-2050D1	5/32	8 5/16	5 5/16	17	22
UC312-2060D1	T312D1	C(CM)-UCT312-2060D1					
UC312-2070D1	T312D1	C(CM)-UCT312-2070D1					
UC313D1	T313D1	C(CM)-UCT313D1	4	244	140	9.4	12
UC313-2080D1	T313D1	C(CM)-UCT313-2080D1	5/32	9 9/16	5 1/2	21	26
UC313-2090D1	T313D1	C(CM)-UCT313-2090D1					
UC314D1	T314D1	C(CM)-UCT314D1	4	258	140	11	14
UC314-2100D1	T314D1	C(CM)-UCT314-2100D1					
UC314-2110D1	T314D1	C(CM)-UCT314-2110D1	5/32	10 5/16	5 1/2	24	31
UC314-2120D1	T314D1	C(CM)-UCT314-2120D1					
UC315D1	T315D1	C(CM)-UCT315D1	4	268	150	13	17
UC315-2130D1	T315D1	C(CM)-UCT315-2130D1					
UC315-2140D1	T315D1	C(CM)-UCT315-2140D1	5/32	10 9/16	5 29/32	29	37
UC315-2150D1	T315D1	C(CM)-UCT315-2150D1					
UC315-3000D1	T315D1	C(CM)-UCT315-3000D1					
UC316D1	T316D1	C(CM)-UCT316D1	4	287	155	16	20
UC316-3010D1	T316D1	C(CM)-UCT316-3010D1					
UC316-3020D1	T316D1	C(CM)-UCT316-3020D1	5/32	11 5/16	6 3/32	35	44
UC316-3030D1	T316D1	C(CM)-UCT316-3030D1					

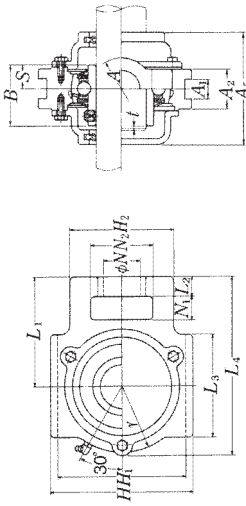
UCT3

Take-up unit, cast housing Set screw type



Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch															
		N ₁	L ₂	H ₂	N ₂	N	L ₃	A ₁	H ₁	H	L	A ₂	A	r	L ₁	B	S
85	UCT317D1	42	32	152	98	53	170	32	214	240	298	64	102	115	183	96	40
3/4	UCT317-304D1	1 1/2	1 1/4	5 3/8	3 7/8	2 1/8	6 1/16	1.260	8 3/4	9 7/16	1 1/2	2 1/8	4 1/8	4 1/2	7 1/8	3.7795	1.575
3 1/16	UCT317-305D1	46	32	160	106	57	175	32	228	255	312	66	110	120	192	96	40
3 1/2	UCT318D1	1 13/16	1 1/4	6 1/16	4 3/16	2 1/4	6 1/8	1.260	8 3/8	10 1/32	12 3/32	2 3/16	4 1/8	4 23/32	7 9/16	3.7795	1.575
95	UCT319D1	46	33	165	106	57	180	35	240	270	322	72	110	125	197	103	41
3 5/8	UCT319-310D1	1 13/16	1 1/4	6 1/2	4 3/16	2 1/4	7 3/16	1.378	9 29/64	10 5/16	12 1/16	2 7/16	4 1/8	4 29/32	7 3/4	4.0551	1.614
3 1/16	UCT319-311D1	48	34	175	115	59	200	35	260	290	345	75	120	135	210	108	42
3 3/4	UCT319-312D1	1 7/8	1 1/2	6 7/8	4 7/8	2 5/16	7 7/8	1.378	10 15/16	11 13/16	13 19/32	2 15/16	4 29/32	5 5/16	8 9/16	4.2520	1.654
100	UCT320D1	48	34	175	115	59	200	35	260	290	347	75	120	135	212	112	44
3 9/16	UCT320-313D1	52	40	185	125	65	215	38	285	320	385	80	130	150	235	117	46
3 1/2	UCT320-314D1	60	44	210	140	70	230	45	320	355	432	90	140	165	267	126	51
3 15/16	UCT320-315D1	65	47	220	150	75	240	50	350	385	465	100	150	180	285	135	54
4	UCT320-400D1	70	52	230	160	80	255	50	380	415	515	100	155	200	315	145	59
105	UCT321D1	48	34	175	115	59	200	35	260	290	347	75	120	135	212	112	44
110	UCT322D1	52	40	185	125	65	215	38	285	320	385	80	130	150	235	117	46
120	UCT324D1	60	44	210	140	70	230	45	320	355	432	90	140	165	267	126	51
130	UCT326D1	65	47	220	150	75	240	50	350	385	465	100	150	180	285	135	54
140	UCT328D1	70	52	230	160	80	255	50	380	415	515	100	155	200	315	145	59

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

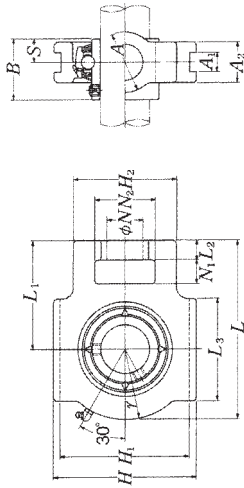


Cast dust cover type
Open end C-UCT...D1
Closed end CM-UCT...D1

Bearing number	Housing number	Unit number (1) cast dust cover type	Nominal dimensions mm inch			Mass of unit kg lb	
			t max.	L ₄	A ₅		
UC317D1	T317D1	C(CM)-UCT317D1	5	303	170	19	25
UC317-304D1	T317D1	C(CM)-UCT317-304D1	19/64	11 15/16	6 1/16	42	55
UC317-305D1	T317D1	C(CM)-UCT317-305D1	5	317	170	21	27
UC317-307D1	T317D1	C(CM)-UCT317-307D1	19/64	12 5/32	6 1/16	46	60
UC318D1	T318D1	C(CM)-UCT318D1	5	327	180	24	31
UC318-307D1	T318D1	C(CM)-UCT318-307D1	19/64	12 7/8	7 3/32	53	68
UC318-308D1	T318D1	C(CM)-UCT318-308D1	5	350	190	30	38
UC319D1	T319D1	C(CM)-UCT319D1	5	359	195	32	43
UC319-310D1	T319D1	C(CM)-UCT319-310D1	5	395	200	40	55
UC319-311D1	T319D1	C(CM)-UCT319-311D1	19/64	13 39/32	7 15/32	66	84
UC319-312D1	T319D1	C(CM)-UCT319-312D1	5	439	215	55	71
UC320D1	T320D1	C(CM)-UCT320D1	5	476	225	69	92
UC320-313D1	T320D1	C(CM)-UCT320-313D1	5	519	235	84	111
UC320-314D1	T320D1	C(CM)-UCT320-314D1	5	559	240	92	121
UC320-315D1	T320D1	C(CM)-UCT320-315D1	5	595	245	100	132
UC320-400D1	T320D1	C(CM)-UCT320-400D1	5	635	250	110	144
UC321D1	T321D1	C(CM)-UCT321D1	5	675	255	120	156
UC322D1	T322D1	C(CM)-UCT322D1	5	715	260	130	169
UC324D1	T324D1	C(CM)-UCT324D1	5	755	265	140	183
UC326D1	T326D1	C(CM)-UCT326D1	5	795	270	150	197
UC328D1	T328D1	C(CM)-UCT328D1	5	835	275	160	211

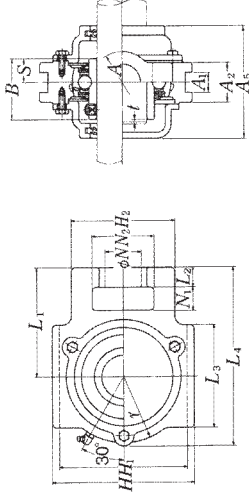
UCTX

Take-up unit, cast housing Set screw type



Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch															
		N ₁	L ₂	H ₂	N ₂	N	L ₃	A ₁	H ₁	H	L	A ₂	A	r	L ₁	B	S
25	UCTX05D1	16	12	56	37	22	57	12	89	102	113	28	37	43	70	38.1	15.9
¹⁹ / ₈	UCTX05-013D1																
⁷ / ₈	UCTX05-014D1																
¹⁵ / ₁₆	UCTX05-015D1	⁵ / ₈	²⁷ / ₃₂	¹⁹ / ₃₂	⁷ / ₈	² / ₄	⁴⁷ / ₃₂	³ / ₂	⁴ / ₁₆	⁴ / ₁₆	⁴ / ₁₆	¹³ / ₃₂	¹⁵ / ₃₂	¹¹ / ₁₆	² / ₄	¹⁵⁰⁰⁰ / ₁₀₀₀	^{0.626}
1	UCTX05-100D1																
30	UCTX06D1	16	15	64	37	22	64	12	89	102	129	30	37	51	78	42.9	17.5
¹ / ₁₆	UCTX06-101D1																
¹ / ₈	UCTX06-102D1																
¹ / ₈	UCTX06-103D1	⁵ / ₈	¹⁹ / ₃₂	²⁷ / ₃₂	¹⁹ / ₃₂	⁷ / ₈	²⁷ / ₃₂	^{0.472}	³ / ₂	⁴ / ₁₆	⁵ / ₃₂	¹³ / ₃₂	¹⁵ / ₃₂	²	³ / ₁₆	^{1.6890}	^{0.669}
¹ / ₄	UCTX06-104D1																
35	UCTX07D1	19	17	83	49	29	83	16	102	114	144	36	49	56	88	49.2	19
¹ / ₂	UCTX07-105D1																
¹ / ₂	UCTX07-106D1	³ / ₄	²¹ / ₃₂	³ / ₃₂	¹⁹ / ₁₆	¹ / ₂	⁹ / ₃₂	^{0.630}	⁴ / ₆₄	⁴ / ₂	⁵ / ₃₂	¹³ / ₃₂	¹⁵ / ₁₆	² / ₁₆	²⁷ / ₃₂	^{1.9370}	^{0.748}
¹ / ₁₆	UCTX07-107D1																
40	UCTX08D1	19	17	83	49	29	83	16	102	117	144	36	49	57	87	49.2	19
¹ / ₂	UCTX08-108D1																
¹ / ₁₆	UCTX08-109D1	³ / ₄	²¹ / ₃₂	³ / ₃₂	¹⁹ / ₁₆	¹ / ₂	⁹ / ₃₂	^{0.630}	⁴ / ₆₄	⁴ / ₁₉	⁵ / ₃₂	¹³ / ₃₂	¹⁵ / ₁₆	² / ₁₆	²⁷ / ₃₂	^{1.9370}	^{0.748}
45	UCTX09D1	19	18	83	49	29	86	16	102	117	151	38	49	59	92	51.6	19
¹ / ₈	UCTX09-110D1																
¹ / ₁₆	UCTX09-111D1																
¹ / ₄	UCTX09-112D1	³ / ₄	²⁹ / ₃₂	³ / ₃₂	¹⁹ / ₁₆	¹ / ₂	³ / ₈	^{0.630}	⁴ / ₆₄	⁴ / ₁₉	⁵ / ₁₆	¹ / ₂	¹⁵ / ₁₆	² / ₁₆	⁵ / ₈	^{2.0315}	^{0.748}
¹ / ₁₆	UCTX09-113D1																
50	UCTX10D1	25	21	102	64	35	95	22	130	146	171	42	64	65	106	55.6	22.2
¹ / ₈	UCTX10-114D1																
¹ / ₁₆	UCTX10-115D1	³¹ / ₃₂	¹⁹ / ₁₆	⁴ / ₃₂	² / ₃₂	¹ / ₈	³ / ₄	^{0.866}	⁵ / ₈	⁵ / ₄	⁶ / ₃₂	² / ₃₂	²⁷ / ₃₂	² / ₁₆	⁴ / ₁₆	^{2.1890}	^{0.874}
2	UCTX10-200D1																

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

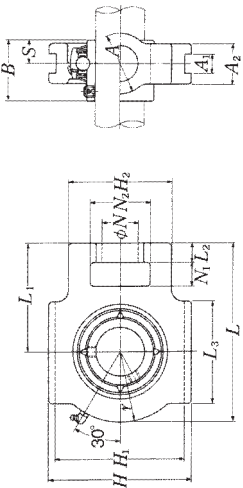


Cast dust cover type
Open end C-UCT...D1
Closed end CM-UCT...D1

Bearing number	Housing number	Unit number (1) cast dust cover type	Nominal dimensions mm inch		Mass of unit kg lb UCT C(M)
			t max.	L ₄ A ₅	
UCX05D1	TX05D1	C(CM)-JCTX05D1	2	113.5 75	1.4 1.8
UCX05-013D1	TX05D1	C(CM)-JCTX05-013D1			
UCX05-014D1	TX05D1	C(CM)-JCTX05-014D1	⁵ / ₆₄	⁴ / ₁₆	² / ₁₆
UCX05-015D1	TX05D1	C(CM)-JCTX05-015D1			
UCX05-100D1	TX05D1	C(CM)-JCTX05-100D1			
UCX06D1	TX06D1	C(CM)-JCTX06D1	2	129 80	1.8 2.3
UCX06-101D1	TX06D1	C(CM)-JCTX06-101D1			
UCX06-102D1	TX06D1	C(CM)-JCTX06-102D1	⁵ / ₆₄	⁵ / ₃₂	4.0 5.1
UCX06-103D1	TX06D1	C(CM)-JCTX06-103D1			
UC207-104D1	TX06D1	C(CM)-JCTX06-104D1			
UCX07D1	TX07D1	C(CM)-JCTX07D1	3	144 90	2.6 3.5
UCX07-105D1	TX07D1	C(CM)-JCTX07-105D1	¹ / ₈	⁵ / ₃₂	5.7 7.7
UCX07-106D1	TX07D1	C(CM)-JCTX07-106D1			
UCX07-107D1	TX07D1	C(CM)-JCTX07-107D1			
UCX08D1	TX08D1	C(CM)-JCTX08D1	3	144.5 95	2.6 3.5
UCX08-108D1	TX08D1	C(CM)-JCTX08-108D1	¹ / ₈	⁵ / ₁₆	5.7 7.7
UCX08-109D1	TX08D1	C(CM)-JCTX08-109D1			
UCX09D1	TX09D1	C(CM)-JCTX09D1	3	152 100	2.7 3.7
UCX09-110D1	TX09D1	C(CM)-JCTX09-110D1			
UCX09-111D1	TX09D1	C(CM)-JCTX09-111D1	¹ / ₈	⁵ / ₃₂	6.0 8.2
UCX09-112D1	TX09D1	C(CM)-JCTX09-112D1			
UC210-113D1	TX09D1	C(CM)-JCTX09-113D1			
UCX10D1	TX10D1	C(CM)-JCTX10D1	3	171.5 100	4.2 5.4
UCX10-114D1	TX10D1	C(CM)-JCTX10-114D1			
UCX10-115D1	TX10D1	C(CM)-JCTX10-115D1	¹ / ₈	⁶ / ₃₂	9.3 12
UC211-200D1	TX10D1	C(CM)-JCTX10-200D1			

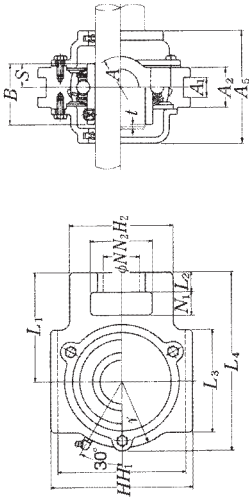
UCTX

Take-up unit, cast housing Set screw type



Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch																
		N ₁	L ₂	H ₂	N ₂	N	L ₃	A ₁	H ₁	H	L	A ₂	A	r	L ₁	B	S	
55 2 ¹ / ₁₆ 2 ¹ / ₁₆ 2 ¹ / ₁₆ 2 ¹ / ₁₆ 2 ¹ / ₁₆	UCTX11D1	32	21	102	64	35	102	22	130	146	194	44	64	75	119	65.1	25.4	
	UCTX11-201D1																	
	UCTX11-202D1																	
	UCTX11-203D1	1 ¹ / ₄	1 ¹ / ₄	4 ¹ / ₃₂	2 ¹ / ₃₂	1 ³ / ₈	4 ¹ / ₃₂	0.866	5 ¹ / ₈	7 ⁵ / ₈	4 ² / ₃₂	2 ¹ / ₃₂	2 ¹ / ₃₂	2 ¹ / ₃₂	2 ¹ / ₃₂	4 ¹ / ₁₆	2.5630	1.000
	UCTX11-204D1																	
UCTX11-205D1																		
60 2 ³ / ₁₆ 2 ³ / ₁₆	UCTX12D1	32	23	111	70	41	121	26	151	167	224	48	70	87	137	65.1	25.4	
	UCTX12-206D1																	
	UCTX12-207D1	1 ¹ / ₄	2 ³ / ₁₆	4 ³ / ₈	2 ³ / ₄	1 ⁵ / ₈	4 ³ / ₄	1.024	5 ⁵ / ₁₆	6 ⁹ / ₁₆	8 ¹³ / ₁₆	1 ¹ / ₈	2 ³ / ₄	3 ¹ / ₁₆	5 ² / ₃₂	2.5630	1.000	
	UCTX13D1																	
65 2 ¹ / ₂ 2 ³ / ₁₆	UCTX13-208D1																	
	UCTX13-209D1	1 ¹ / ₄	2 ³ / ₁₆	4 ³ / ₈	2 ³ / ₄	1 ⁵ / ₈	4 ³ / ₄	1.024	5 ⁵ / ₁₆	6 ⁹ / ₁₆	8 ¹³ / ₁₆	1 ¹ / ₈	2 ³ / ₄	3 ¹ / ₁₆	5 ² / ₃₂	2.9370	1.189	
	UCTX14D1																	
	UCTX14-210D1																	
70 2 ³ / ₁₆ 2 ³ / ₁₆ 2 ³ / ₁₆	UCTX14-211D1																	
	UCTX14-212D1																	
	UCTX15D1																	
	UCTX15-213D1																	
75 2 ³ / ₁₆ 2 ³ / ₁₆ 3	UCTX15-214D1																	
	UCTX15-215D1																	
	UCTX15-300D1																	
	UCTX16D1																	
80 3 ¹ / ₁₆ 3 ¹ / ₁₆ 3 ¹ / ₁₆ 3 ¹ / ₁₆	UCTX16-301D1																	
	UCTX16-302D1																	
	UCTX16-303D1	1 ¹ / ₂	1 ³ / ₁₆	4 ⁷ / ₈	2 ¹ / ₈	1 ⁷ / ₈	6 ³ / ₁₆	1.102	6 ⁵ / ₁₆	7 ¹¹ / ₃₂	10 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	3 ²⁷ / ₃₂	6 ³ / ₈	3.3740	1.343	
	UCTX16-304D1																	
85 3 ³ / ₁₆ 3 ³ / ₁₆	UCTX17D1																	
	UCTX17-305D1																	
	UCTX17-307D1	1 ¹ / ₂	1 ³ / ₁₆	4 ⁷ / ₈	2 ¹ / ₈	1 ⁷ / ₈	6 ³ / ₁₆	1.102	6 ⁵ / ₁₆	7 ¹¹ / ₃₂	10 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	3 ²⁷ / ₃₂	6 ³ / ₈	3.7795	1.563	

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

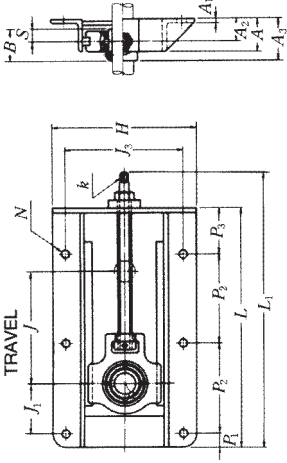


Cast dust cover type
Open end C-UCT...D1
Closed end CM-UCT...D1

Bearing number	Housing number	Unit number (1) cast dust cover type	Nominal dimensions mm inch		Mass of unit kg lb UCT C(M)
			t max.	L ₄ A ₅	
UCX11D1 UCX11-201D1 UCX11-202D1 UCX11-203D1 UC212-204D1 UC212-205D1	TX11D1	C(CM)-JUCTX11D1	4	194	5.2 6.7
	TX11D1	C(CM)-JUCTX11-201D1			
	TX11D1	C(CM)-JUCTX11-202D1	5 ⁹ / ₃₂	7 ⁵ / ₈	11 15
	TX11D1	C(CM)-JUCTX11-203D1			
	TX11D1	C(CM)-JUCTX11-204D1			
UCX12D1 UCX12-206D1 UCX12-207D1	TX12D1	C(CM)-JUCTX12D1	4	224	7.2 9.0
	TX12D1	C(CM)-JUCTX12-206D1	5 ⁹ / ₃₂	8 ¹³ / ₁₆	16 20
	TX12D1	C(CM)-JUCTX12-207D1			
	TX13D1	C(CM)-JUCTX13D1	4	224	7.5 9.8
	TX13D1	C(CM)-JUCTX13-208D1	5 ⁹ / ₃₂	8 ¹³ / ₁₆	17 22
UCX13D1 UCX13-209D1	TX13D1	C(CM)-JUCTX13-209D1			
	TX14D1	C(CM)-JUCTX14D1	4	232	7.7 10
	TX14D1	C(CM)-JUCTX14-210D1			
	TX14D1	C(CM)-JUCTX14-211D1	5 ⁹ / ₃₂	9 ¹ / ₈	17 22
	TX14D1	C(CM)-JUCTX14-212D1			
UCX15D1 UCX15-213D1 UCX15-214D1 UCX15-215D1 UCX15-300D1	TX15D1	C(CM)-JUCTX15D1	4	235	8.3 11
	TX15D1	C(CM)-JUCTX15-213D1			
	TX15D1	C(CM)-JUCTX15-214D1	5 ⁹ / ₃₂	9 ¹ / ₄	18 24
	TX15D1	C(CM)-JUCTX15-215D1			
	TX15D1	C(CM)-JUCTX15-300D1			
UCX16D1 UCX16-301D1 UCX16-302D1 UCX16-303D1 UC217-304D1	TX16D1	C(CM)-JUCTX16D1	4	260	11 14
	TX16D1	C(CM)-JUCTX16-301D1			
	TX16D1	C(CM)-JUCTX16-302D1	5 ⁹ / ₃₂	10 ¹ / ₄	24 31
	TX16D1	C(CM)-JUCTX16-303D1			
	TX16D1	C(CM)-JUCTX16-304D1			
UCX17D1 UCX17-305D1 UCX17-307D1	TX17D1	C(CM)-JUCTX17D1	5	262	11 15
	TX17D1	C(CM)-JUCTX17-305D1	13 ¹ / ₆₄	10 ⁵ / ₁₆	24 33
	TX17D1	C(CM)-JUCTX17-307D1			

UCT2 -

Take-up stretcher units™ Set screw type



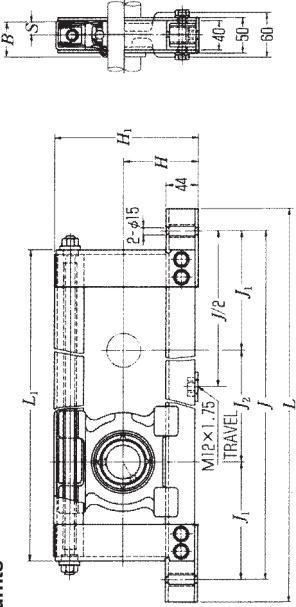
Shaft dia. mm	Unit number (1)	Nominal dimensions mm															k square	
		L	H	J	J ₁	J ₃	A ₁	A ₂	A	P ₁	P ₂	P ₃	N	L ₁	A ₃	B		S
12	UCT201-15	317	199	150	69	154	6	30	50	19	117	64	12	370	48.3	31	12.7	9
15	UCT202-15	317	199	150	69	154	6	30	50	19	117	64	12	370	48.3	31	12.7	9
17	UCT203-15	317	199	150	69	154	6	30	50	19	117	64	12	370	48.3	31	12.7	9
20	UCT204-15	317	199	150	69	154	6	30	50	19	117	64	12	370	48.3	31	12.7	9
25	UCT205-15	317	199	150	68	154	6	30	50	19	117	64	12	370	49.8	34.1	14.3	9
30	UCT206-15	337	212	150	73	166	6	32	50	19	127	64	12	393	54.2	38.1	15.9	10
35	UCT207-23	429	212	230	80	166	6	32	50	19	173	64	12	485	57.4	42.9	17.5	10
40	UCT208-30	520	233	300	88	192	6	32	50	22	217	64	12	596	62.2	49.2	19	15
45	UCT209-30	520	233	300	88	192	6	32	50	22	217	64	12	596	62.2	49.2	19	15
50	UCT210-30	524	233	300	92	192	6	35	50	22	219	64	15	599	67.6	51.6	19	15
55	UCT211-30	542	285	300	93	240	8	38	65	22	230	60	15	630	71.4	55.6	22.2	17
60	UCT212-30	568	285	300	103	240	8	38	65	22	243	60	15	657	77.7	65.1	25.4	17
65	UCT213-30	606	306	300	125	260	8	43	65	22	260	64	15	705	82.7	65.1	25.4	23

Notes (1) If relubricatable type is needed, please order with suffix "D1".
 (2) The Stretcher Units is designed to only take a horizontal radial load, in line with the adjustment direction.
 Axial loads or vertical radial loads can deform or break the housing.

Adjustment screw size	Bolt size	Max. load recommended N	Bearing number	Mass of unit kg
TM16 × 3	M10	7 650	UC201D1	5.0
TM16 × 3	M10	7 650	UC202D1	5.0
TM16 × 3	M10	7 650	UC203D1	5.0
TM16 × 3	M10	7 650	UC204D1	5.0
TM16 × 3	M10	7 850	UC205D1	5.0
TM16 × 4	M10	9 810	UC206D1	5.7
TM18 × 4	M10	12 750	UC207D1	6.8
TM25 × 5	M10	15 690	UC208D1	11
TM25 × 5	M10	15 690	UC209D1	11
TM25 × 5	M12	16 670	UC210D1	11
TM30 × 6	M12	19 610	UC211D1	18
TM30 × 6	M12	21 570	UC212D1	20
TM30 × 6	M12	23 530	UC213D1	23

UCL2 -

Take-up type L stretcher units™ Set screw type



Shaft dia. mm	Unit number (1)	Nominal dimensions mm										Bolt size	Max. load (2) recommended N
		H	L	J	J ₂	L ₁	J ₁	H ₁	B	S	H		
20	UCL204-10	77	480	370	100	320	135	146	31	12.7	M12	1 960	
	UCL204-20	77	530	470	200	420	135	146	31	12.7	M12	1 960	
	UCL204-30	77	630	570	300	520	135	146	31	12.7	M12	1 960	
25	UCL204-40	77	730	670	400	620	135	146	31	12.7	M12	1 960	
	UCL205-10	82	440	380	100	330	140	156	34.1	14.3	M12	2 250	
	UCL205-20	82	540	480	200	430	140	156	34.1	14.3	M12	2 250	
	UCL205-30	82	640	580	300	530	140	156	34.1	14.3	M12	2 250	
30	UCL205-40	82	740	680	400	630	140	156	34.1	14.3	M12	2 250	
	UCL206-10	87	450	390	100	340	145	166	38.1	15.9	M12	3 230	
	UCL206-20	87	550	490	200	440	145	166	38.1	15.9	M12	3 230	
	UCL206-30	87	650	590	300	540	145	166	38.1	15.9	M12	3 230	
35	UCL206-40	87	750	690	400	640	145	166	38.1	15.9	M12	3 230	
	UCL207-10	92	460	400	100	350	150	176	42.9	17.5	M12	4 210	
	UCL207-20	92	560	500	200	450	150	176	42.9	17.5	M12	4 210	
	UCL207-30	92	660	600	300	550	150	176	42.9	17.5	M12	4 210	
40	UCL207-40	92	760	700	400	650	150	176	42.9	17.5	M12	4 210	
	UCL208-10	97	470	410	100	360	155	186	49.2	19	M12	4 500	
	UCL208-20	97	570	510	200	460	155	186	49.2	19	M12	4 500	
	UCL208-30	97	670	610	300	560	155	186	49.2	19	M12	4 500	
45	UCL208-40	97	770	710	400	660	155	186	49.2	19	M12	4 500	
	UCL209-10	100	480	420	100	370	160	192	49.2	19	M12	4 500	
	UCL209-20	100	580	520	200	470	160	192	49.2	19	M12	4 500	
	UCL209-30	100	680	620	300	570	160	192	49.2	19	M12	4 500	
	UCL209-40	100	780	720	400	670	160	192	49.2	19	M12	4 500	

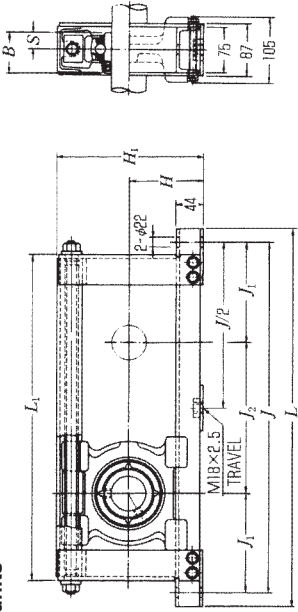
Notes (1) If relubricatable type is needed, please order with suffix "D1".

(2) The Stretcher Units is designed to only take a horizontal radial load, in line with the adjustment direction. Axial loads or vertical radial loads can deform or break the housing.

Bearing number	Mass of unit kg
UC204D1	6.3
UC204D1	7.0
UC204D1	7.7
UC204D1	8.4
UC205D1	6.8
UC205D1	7.5
UC205D1	8.2
UC205D1	8.9
UC206D1	7.3
UC206D1	8.0
UC206D1	8.7
UC206D1	9.4
UC207D1	7.8
UC207D1	8.5
UC207D1	9.2
UC207D1	9.9
UC208D1	8.3
UC208D1	9.0
UC208D1	9.7
UC208D1	10
UC209D1	8.7
UC209D1	9.4
UC209D1	10
UC209D1	11

UCM2 -

Take-up type M stretcher units™ Set screw type

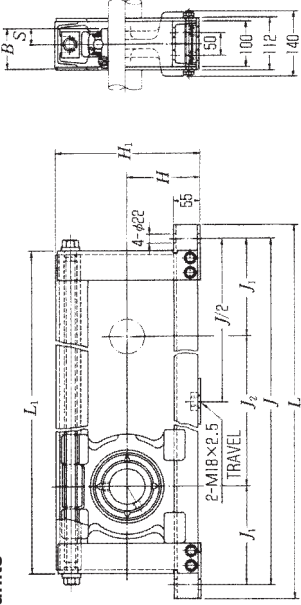


Shaft dia. mm	Unit number (1)	Nominal dimensions mm										Bolt size	Max. load (2) recommended N
		H	L	J	J ₂	L ₁	J ₁	H ₁	B	S			
40	UCM208-50	97	870	810	500	760	155	190	49.2	19	M18	5 190	
	UCM208-60	97	970	910	600	860	155	190	49.2	19	M18	5 190	
	UCM208-70	97	1070	1010	700	960	155	190	49.2	19	M18	5 190	
	UCM208-80	97	1170	1110	800	1060	155	190	49.2	19	M18	5 190	
45	UCM208-90	97	1270	1210	900	1160	155	190	49.2	19	M18	5 190	
	UCM209-50	102	880	820	500	770	160	200	49.2	19	M18	5 880	
	UCM209-60	102	980	920	600	870	160	200	49.2	19	M18	5 880	
	UCM209-70	102	1080	1020	700	970	160	200	49.2	19	M18	5 880	
50	UCM209-80	102	1180	1120	800	1070	160	200	49.2	19	M18	5 880	
	UCM209-90	102	1280	1220	900	1170	160	200	49.2	19	M18	5 880	
	UCM210-50	107	890	830	500	780	165	210	51.6	19	M18	6 460	
	UCM210-60	107	990	930	600	880	165	210	51.6	19	M18	6 460	
55	UCM210-70	107	1090	1030	700	980	165	210	51.6	19	M18	6 460	
	UCM210-80	107	1190	1130	800	1080	165	210	51.6	19	M18	6 460	
	UCM210-90	107	1290	1230	900	1180	165	210	51.6	19	M18	6 460	
	UCM211-50	115	910	850	500	800	175	230	55.6	22.2	M18	6 460	
60	UCM211-60	115	1010	950	600	900	175	230	55.6	22.2	M18	6 460	
	UCM211-70	115	1110	1050	700	1000	175	230	55.6	22.2	M18	6 460	
	UCM211-80	115	1210	1150	800	1100	175	230	55.6	22.2	M18	6 460	
	UCM211-90	115	1310	1250	900	1200	175	230	55.6	22.2	M18	6 460	
65	UCM212-50	120	920	860	500	810	180	240	65.1	25.4	M18	6 460	
	UCM212-60	120	1020	960	600	910	180	240	65.1	25.4	M18	6 460	
	UCM212-70	120	1120	1060	700	1010	180	240	65.1	25.4	M18	6 460	
	UCM212-80	120	1220	1160	800	1110	180	240	65.1	25.4	M18	6 460	
70	UCM212-90	120	1320	1260	900	1210	180	240	65.1	25.4	M18	6 460	
	UCM213-50	125	940	880	500	830	190	250	65.1	25.4	M18	6 460	
	UCM213-60	125	1040	980	600	930	190	250	65.1	25.4	M18	6 460	
	UCM213-70	125	1140	1080	700	1030	190	250	65.1	25.4	M18	6 460	
75	UCM213-80	125	1240	1180	800	1130	190	250	65.1	25.4	M18	6 460	
	UCM213-90	125	1340	1280	900	1230	190	250	65.1	25.4	M18	6 460	

Notes (1) If lubricatable type is needed, please order with suffix "D1".
 (2) The Stretcher Units is designed to only take a horizontal radial load, in line with the adjustment direction.
 Axial loads or vertical radial loads can deform or break the housing.

UCM3 -

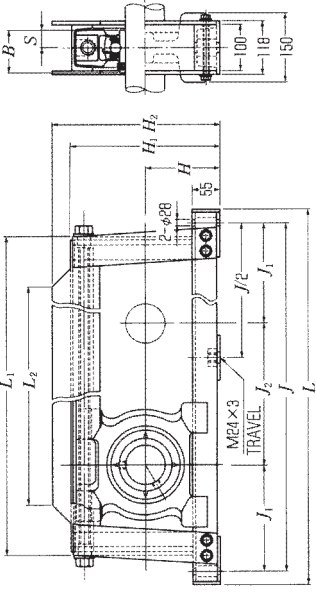
Take-up type M stretcher units™ Set screw type



Shaft dia. mm	Unit number (1)	Nominal dimensions mm								Bolt size	Max. load (2) recommended N	Bearing number	Mass of unit kg	
		H	L	J	J ₂	L ₁	J ₁	H ₁	B					S
65	UCM313-50	145	940	880	500	830	190	285	75	30	M18	16 260	UC313D1	47
	UCM313-60	145	1040	980	600	930	190	285	75	30	M18	16 260	UC313D1	50
	UCM313-70	145	1140	1080	700	1030	190	285	75	30	M18	16 260	UC313D1	53
	UCM313-80	145	1240	1180	800	1130	190	285	75	30	M18	16 260	UC313D1	55
	UCM313-90	145	1340	1280	900	1230	190	285	75	30	M18	16 260	UC313D1	58
70	UCM314-50	150	960	900	500	850	200	295	78	33	M18	19 600	UC314D1	49
	UCM314-60	150	1060	1000	600	950	200	295	78	33	M18	19 600	UC314D1	52
	UCM314-70	150	1160	1100	700	1050	200	295	78	33	M18	19 600	UC314D1	55
	UCM314-80	150	1260	1200	800	1150	200	295	78	33	M18	19 600	UC314D1	58
	UCM314-90	150	1360	1300	900	1250	200	295	78	33	M18	19 600	UC314D1	61
75	UCM315-50	155	980	920	500	870	210	305	82	32	M18	19 600	UC315D1	52
	UCM315-60	155	1080	1020	600	970	210	305	82	32	M18	19 600	UC315D1	55
	UCM315-70	155	1180	1120	700	1070	210	305	82	32	M18	19 600	UC315D1	58
	UCM315-80	155	1280	1220	800	1170	210	305	82	32	M18	19 600	UC315D1	60
	UCM315-90	155	1380	1320	900	1270	210	305	82	32	M18	19 600	UC315D1	63
80	UCM316-50	160	1000	940	500	890	220	315	86	34	M18	19 600	UC316D1	54
	UCM316-60	160	1100	1040	600	990	220	315	86	34	M18	19 600	UC316D1	57
	UCM316-70	160	1200	1140	700	1090	220	315	86	34	M18	19 600	UC316D1	60
	UCM316-80	160	1300	1240	800	1190	220	315	86	34	M18	19 600	UC316D1	63
	UCM316-90	160	1400	1340	900	1290	220	315	86	34	M18	19 600	UC316D1	66
85	UCM317-50	165	1020	960	500	910	230	325	96	40	M18	19 600	UC317D1	60
	UCM317-60	165	1120	1060	600	1010	230	325	96	40	M18	19 600	UC317D1	63
	UCM317-70	165	1220	1160	700	1110	230	325	96	40	M18	19 600	UC317D1	65
	UCM317-80	165	1320	1260	800	1210	230	325	96	40	M18	19 600	UC317D1	68
	UCM317-90	165	1420	1360	900	1310	230	325	96	40	M18	19 600	UC317D1	71

Notes (1) If lubricatable type is needed, please order with suffix "D1".
(2) The Stretcher Units is designed to only take a horizontal radial load, in line with the adjustment direction. Axial loads or vertical radial loads can deform or break the housing.

UCM3 -

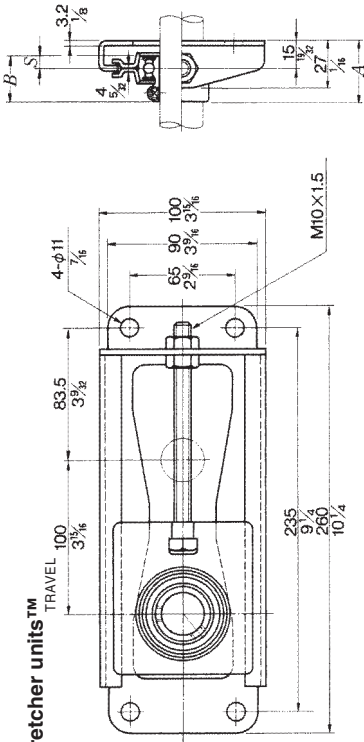


Shaft dia. mm	Unit number (1)	Nominal dimensions mm								Bolt size	Max. load (2) recommended N	Bearing number	Mass of unit kg			
		H	L	J	J ₂	L ₁	J ₁	H ₁	B					S		
90	UCM318-50	170	1050	990	500	940	—	245	335	—	96	40	M18	19 600	UC318D1	65
	UCM318-60	170	1150	1090	600	1040	—	245	335	—	96	40	M18	19 600	UC318D1	68
	UCM318-70	170	1250	1190	700	1140	—	245	335	—	96	40	M18	19 600	UC318D1	71
	UCM318-80	170	1350	1290	800	1240	—	245	335	—	96	40	M18	19 600	UC318D1	74
	UCM318-90	170	1450	1390	900	1340	—	245	335	—	96	40	M18	19 600	UC318D1	77
95	UCM319-50	185	1180	1100	500	1021	775	300	377	400	103	41	M24	19 600	UC319D1	105
	UCM319-60	185	1280	1200	600	1121	875	300	377	400	103	41	M24	19 600	UC319D1	109
	UCM319-70	185	1380	1300	700	1221	975	300	377	400	103	41	M24	19 600	UC319D1	112
	UCM319-80	185	1480	1400	800	1321	1075	300	377	400	103	41	M24	19 600	UC319D1	116
	UCM319-90	185	1580	1500	900	1421	1175	300	377	400	103	41	M24	19 600	UC319D1	120
100	UCM320-50	200	1220	1140	500	1063	809	320	403	430	108	42	M24	19 600	UC320D1	111
	UCM320-60	200	1320	1240	600	1163	909	320	403	430	108	42	M24	19 600	UC320D1	116
	UCM320-70	200	1420	1340	700	1263	1009	320	403	430	108	42	M24	19 600	UC320D1	120
	UCM320-80	200	1520	1440	800	1363	1109	320	403	430	108	42	M24	19 600	UC320D1	124
	UCM320-90	200	1620	1540	900	1463	1209	320	403	430	108	42	M24	19 600	UC320D1	129

Notes (1) If lubricatable type is needed, please order with suffix "D1".
(2) The Stretcher Units is designed to only take a horizontal radial load, in line with the adjustment direction. Axial loads or vertical radial loads can deform or break the housing.

ASPT2 -

Take-up mini stretcher units™ Set screw type



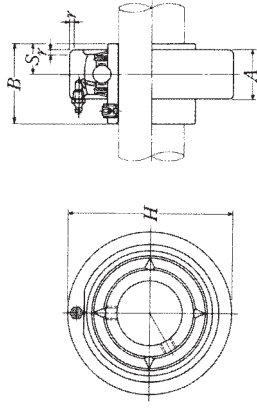
Shaft dia. mm inch	Unit number	Nominal dimensions mm inch			Bolt size mm inch	Max. load (1) N lbf
		A	B	S		
12 1/2	ASPT201-10	31	22	6	M10	3 430
	ASPT201-008-10	1 7/8	0.8661	0.236	3/8	770
15 9/16 5/8	ASPT202-10	31	22	6	M10	3 430
	ASPT202-009-10 ASPT202-010-10	1 7/8	0.8661	0.236	3/8	770
17 11/16	ASPT203-10	31	22	6	M10	3 430
	ASPT203-011-10	1 7/8	0.8661	0.236	3/8	770
20 3/4	ASPT204-10	33	25	7	M10	3 430
	ASPT204-012-10	1 9/64	0.9843	0.276	3/8	770
25 19/16 7/8 15/16 1	ASPT205-10	34.5	27	7.5	M10	3 430
	ASPT205-013-10					
	ASPT205-014-10					
	ASPT205-015-10	1 29/64	1.0630	0.295	3/8	770
	ASPT205-100-10					

Note (1) The Stretcher Units is designed to only take a horizontal radial load, in line with the adjustment direction. Axial loads or vertical radial loads can deform or break the housing.

Bearing number	Mass of unit kg lb
AS201 AS201-008	1.1 2.4
AS202 AS202-009 AS202-010	1.1 2.4
AS203 AS203-011	1.1 2.4
AS204 AS204-012	1.1 2.4
AS205 AS205-013 AS205-014 AS205-015 AS205-100	1.1 2.4

UCC2

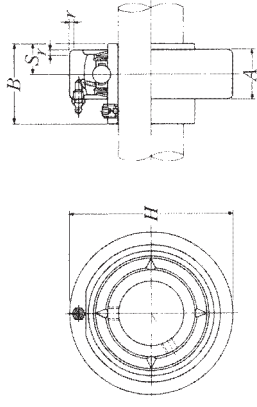
Cartridge unit, cast housing Set screw type



Shaft dia.	Unit number (1)	Nominal dimensions					Bearing number	Housing number	Mass of unit
		H	A	r	B	S			
12	UCC201D1 UCC201-008D1	72 2.8346	20 25/32	2 0.079	31 1.2205	12.7 0.500	UC201D1 UC201-008D1	C204D1 C204D1	0.5 1.1
15	UCC202D1 UCC202-009D1 UCC202-010D1	72 2.8346	20 25/32	2 0.079	31 1.2205	12.7 0.500	UC202D1 UC202-009D1 UC202-010D1	C204D1 C204D1 C204D1	0.5 1.1
17	UCC203D1 UCC203-011D1	72 2.8346	20 25/32	2 0.079	31 1.2205	12.7 0.500	UC203D1 UC203-011D1	C204D1 C204D1	0.5 1.1
20	UCC204D1 UCC204-012D1	72 2.8346	20 25/32	2 0.079	31 1.2205	12.7 0.500	UC204D1 UC204-012D1	C204D1 C204D1	0.5 1.1
25	UCC205D1 UCC205-013D1 UCC205-014D1 UCC205-015D1 UCC205-100D1	80 3.1496	22 55/64	2 0.079	34.1 1.3425	14.3 0.563	UC205D1 UC205-013D1 UC205-014D1 UC205-015D1 UC205-100D1	C205D1 C205D1 C205D1 C205D1 C205D1	0.6 1.3
30	UCC206D1 UCC206-101D1 UCC206-102D1 UCC206-103D1 UCC206-104D1	85 3.3465	27 1 1/16	2 0.079	38.1 1.5000	15.9 0.626	UC206D1 UC206-101D1 UC206-102D1 UC206-103D1 UC206-104D1	C206D1 C206D1 C206D1 C206D1 C206D1	0.8 1.8
35	UCC207D1 UCC207-104D1 UCC207-105D1 UCC207-106D1 UCC207-107D1	90 3.5433	28 1 1/4	2 0.079	42.9 1.6890	17.5 0.689	UC207D1 UC207-104D1 UC207-105D1 UC207-106D1 UC207-107D1	C207D1 C207D1 C207D1 C207D1 C207D1	0.9 2.0

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

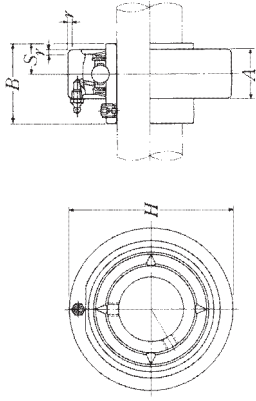
UCC2



Shaft dia.	Unit number (1)	Nominal dimensions					Bearing number	Housing number	Mass of unit
		H	A	r	B	S			
40	UCC208D1 UCC208-108D1 UCC208-109D1	100 3.9370	30 1 3/16	2.5 0.098	49.2 1.9370	19 0.748	UC208D1 UC208-108D1 UC208-109D1	C208D1 C208D1 C208D1	1.2 2.6
45	UCC209D1 UCC209-110D1 UCC209-111D1 UCC209-112D1	110 4.3307	31 1 1/2	2.5 0.098	49.2 1.9370	19 0.748	UC209D1 UC209-110D1 UC209-111D1 UC209-112D1	C209D1 C209D1 C209D1 C209D1	1.5 3.3
50	UCC210D1 UCC210-113D1 UCC210-114D1 UCC210-115D1 UCC210-200D1	120 4.7244	33 1 3/4	2.5 0.098	51.6 2.0315	19 0.748	UC210D1 UC210-113D1 UC210-114D1 UC210-115D1 UC210-200D1	C210D1 C210D1 C210D1 C210D1 C210D1	1.9 4.2
55	UCC211D1 UCC211-200D1 UCC211-201D1 UCC211-202D1 UCC211-203D1	125 4.9213	35 1 3/8	2.5 0.098	55.6 2.1890	22.2 0.874	UC211D1 UC211-200D1 UC211-201D1 UC211-202D1 UC211-203D1	C211D1 C211D1 C211D1 C211D1 C211D1	2.1 4.6
60	UCC212D1 UCC212-204D1 UCC212-205D1 UCC212-206D1 UCC212-207D1	130 5.1181	38 1 1/2	2.5 0.098	65.1 2.5630	25.4 1.000	UC212D1 UC212-204D1 UC212-205D1 UC212-206D1 UC212-207D1	C212D1 C212D1 C212D1 C212D1 C212D1	2.5 5.5
65	UCC213D1 UCC213-208D1 UCC213-209D1	140 5.5118	40 1 5/8	3 0.118	65.1 2.5630	25.4 1.000	UC213D1 UC213-208D1 UC213-209D1	C213D1 C213D1 C213D1	3.0 6.6

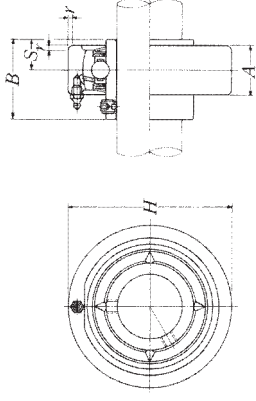
Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Cartridge unit, cast housing
Set screw type



Shaft dia.	Unit number (1)	Nominal dimensions					Bearing number	Housing number	Mass of unit
		H	A	r	B	S			
25	UCC305D1	90	26	2.5	38	15	UC305D1	C305D1	1.0
1 ⁹ / ₁₆	UCC305-013D1						UC305-013D1	C305D1	
7 ⁸ / ₁₆	UCC305-014D1	3.5433	1 ¹ / ₂	0.098	1.4961	0.591	UC305-014D1	C305D1	2.2
1 ¹⁵ / ₁₆	UCC305-015D1						UC305-015D1	C305D1	
1	UCC305-100D1						UC305-100D1	C305D1	
30	UCC306D1	100	28	2.5	43	17	UC306D1	C306D1	1.3
1 ¹ / ₁₆	UCC306-101D1						UC306-101D1	C306D1	
1 ¹ / ₈	UCC306-102D1	3.9370	1 ⁷ / ₆₄	0.098	1.6929	0.669	UC306-102D1	C306D1	2.9
1 ³ / ₁₆	UCC306-103D1						UC306-103D1	C306D1	
35	UCC307D1	110	32	3	48	19	UC307D1	C307D1	1.7
1 ¹ / ₄	UCC307-104D1						UC307-104D1	C307D1	
1 ⁵ / ₁₆	UCC307-105D1	4.3307	1 ⁷ / ₆₄	0.118	1.8898	0.748	UC307-105D1	C307D1	3.7
1 ³ / ₈	UCC307-106D1						UC307-106D1	C307D1	
1 ¹ / ₂	UCC307-107D1						UC307-107D1	C307D1	
40	UCC308D1	120	34	3	52	19	UC308D1	C308D1	2.1
1 ¹ / ₂	UCC308-108D1	4.7244	1 ¹ / ₃₂	0.118	2.0472	0.748	UC308-108D1	C308D1	4.6
1 ⁵ / ₁₆	UCC308-109D1						UC308-109D1	C308D1	
45	UCC309D1	130	38	3.5	57	22	UC309D1	C309D1	2.7
1 ⁵ / ₈	UCC309-110D1						UC309-110D1	C309D1	
1 ¹¹ / ₁₆	UCC309-111D1	5.1181	1 ¹ / ₂	0.138	2.2441	0.866	UC309-111D1	C309D1	6.0
1 ³ / ₄	UCC309-112D1						UC309-112D1	C309D1	
50	UCC310D1	140	40	3.5	61	22	UC310D1	C310D1	3.3
1 ¹³ / ₁₆	UCC310-113D1						UC310-113D1	C310D1	
1 ⁷ / ₈	UCC310-114D1	5.5118	1 ³⁷ / ₆₄	0.138	2.4016	0.866	UC310-114D1	C310D1	7.3
1 ¹⁵ / ₁₆	UCC310-115D1						UC310-115D1	C310D1	

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

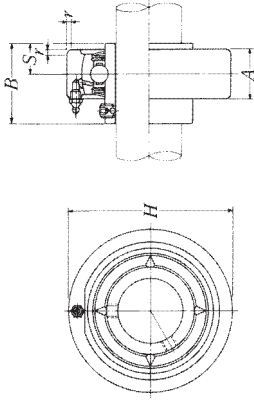


Shaft dia.	Unit number (1)	Nominal dimensions					Bearing number	Housing number	Mass of unit
		H	A	r	B	S			
55	UCC311D1	150	44	3.5	66	25	UC311D1	C311D1	4.0
2	UCC311-200D1						UC311-200D1	C311D1	
2 ¹ / ₁₆	UCC311-201D1	5.9055	1 ¹⁷ / ₆₄	0.138	2.5984	0.984	UC311-201D1	C311D1	8.8
2 ³ / ₁₆	UCC311-202D1						UC311-202D1	C311D1	
2 ⁵ / ₁₆	UCC311-203D1						UC311-203D1	C311D1	
60	UCC312D1	160	46	3.5	71	26	UC312D1	C312D1	4.8
2 ¹ / ₄	UCC312-204D1						UC312-204D1	C312D1	
2 ⁵ / ₁₆	UCC312-205D1	6.2992	1 ¹³ / ₁₆	0.138	2.7953	1.024	UC312-205D1	C312D1	11
2 ³ / ₈	UCC312-206D1						UC312-206D1	C312D1	
2 ⁷ / ₁₆	UCC312-207D1						UC312-207D1	C312D1	
65	UCC313D1	170	50	3.5	75	30	UC313D1	C313D1	5.8
2 ³ / ₂	UCC313-208D1	6.6929	1 ³ / ₃₂	0.138	2.9528	1.181	UC313-208D1	C313D1	13
2 ¹ / ₁₆	UCC313-209D1						UC313-209D1	C313D1	
70	UCC314D1	180	52	4	78	33	UC314D1	C314D1	6.8
2 ⁵ / ₈	UCC314-210D1						UC314-210D1	C314D1	
2 ¹ / ₁₆	UCC314-211D1	7.0866	2 ³ / ₆₄	0.157	3.0709	1.299	UC314-211D1	C314D1	15
2 ³ / ₄	UCC314-212D1						UC314-212D1	C314D1	
75	UCC315D1	190	55	4	82	32	UC315D1	C315D1	7.9
2 ⁹ / ₁₆	UCC315-213D1						UC315-213D1	C315D1	
2 ⁷ / ₈	UCC315-214D1	7.4803	2 ¹ / ₆₄	0.157	3.2283	1.260	UC315-214D1	C315D1	17
2 ⁵ / ₈	UCC315-215D1						UC315-215D1	C315D1	
3	UCC315-300D1						UC315-300D1	C315D1	
80	UCC316D1	200	60	4	86	34	UC316D1	C316D1	9.3
3 ¹ / ₁₆	UCC316-301D1	7.8740	2 ² / ₆₄	0.157	3.3858	1.339	UC316-301D1	C316D1	21
3 ³ / ₈	UCC316-302D1						UC316-302D1	C316D1	
3 ⁵ / ₁₆	UCC316-303D1						UC316-303D1	C316D1	

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

UCC3

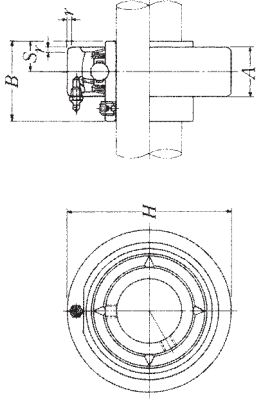
Cartridge unit, cast housing Set screw type



Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch					Bearing number	Housing number	Mass of unit kg lb
		H	A	r	B	S			
85	UCC317D1	215	64	4	96	40	UC317D1	C317D1	11
3/4	UCC317-304D1						UC317-304D1	C317D1	
3 5/16	UCC317-305D1	8.4646	2 9/64	0.157	3.7795	1.575	UC317-305D1	C317D1	24
3 7/16	UCC317-307D1						UC317-307D1	C317D1	
90	UCC318D1	225	66	4	96	40	UC318D1	C318D1	13
3/2	UCC318-308D1	8.8583	2 9/32	0.157	3.7795	1.575	UC318-308D1	C318D1	29
95	UCC319D1	240	72	4	103	41	UC319D1	C319D1	16
3 5/8	UCC319-310D1						UC319-310D1	C319D1	
3 1/2	UCC319-311D1	9.4488	2 33/64	0.157	4.0551	1.614	UC319-311D1	C319D1	35
3 3/4	UCC319-312D1						UC319-312D1	C319D1	
100	UCC320D1	260	75	4	108	42	UC320D1	C320D1	20
3 9/16	UCC320-313D1						UC320-313D1	C320D1	
3 7/8	UCC320-314D1	10.2362	2 31/64	0.157	4.2520	1.654	UC320-314D1	C320D1	44
3 5/8	UCC320-315D1						UC320-315D1	C320D1	
4	UCC320-400D1						UC320-400D1	C320D1	
105	UCC321D1	260	75	4	112	44	UC321D1	C321D1	19
110	UCC322D1	300	80	5	117	46	UC322D1	C322D1	29
120	UCC324D1	320	90	5	126	51	UC324D1	C324D1	36
130	UCC326D1	340	100	5	135	54	UC326D1	C326D1	43
140	UCC328D1	360	100	5	145	59	UC328D1	C328D1	50

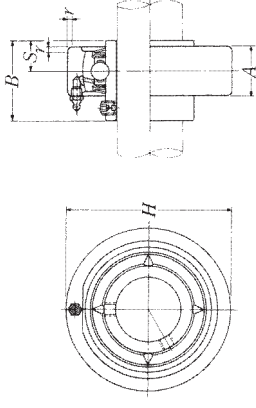
Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Cartridge unit, cast housing
Set screw type



Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch					Bearing number	Housing number	Mass of unit kg lb
		H	A	r	B	S			
25 1 ⁹ / ₁₆ 2 ¹ / ₈ 2 ¹ / ₁₆ 1	UCCX05D1	90	27	2	38.1	15.9	UCX05D1	CX05D1	1.1
	UCCX05-013D1						UCX05-013D1	CX05D1	
	UCCX05-014D1	3.5433	1 ¹ / ₁₆	0.079	1.5000	0.626	UCX05-014D1	CX05D1	2.4
	UCCX05-015D1						UCX05-015D1	CX05D1	
	UCCX05-100D1						UCX05-100D1	CX05D1	
30 1 ¹ / ₁₆ 1 ¹ / ₈ 1 ³ / ₁₆ 1 ¹ / ₄	UCCX06D1	100	30	2.5	42.9	17.5	UCX06D1	CX06D1	1.6
	UCCX06-101D1						UCX06-101D1	CX06D1	
	UCCX06-102D1	3.9370	1 ³ / ₁₆	0.098	1.6890	0.689	UCX06-102D1	CX06D1	3.5
	UCCX06-103D1						UCX06-103D1	CX06D1	
	UCCX06-104D1						UC207-104D1	CX06D1	
35 1 ⁵ / ₁₆ 1 ³ / ₈ 1 ⁷ / ₁₆	UCCX07D1	110	34	2.5	49.2	19	UCX07D1	CX07D1	1.8
	UCCX07-105D1						UCX07-105D1	CX07D1	
	UCCX07-106D1	4.3307	1 ¹ / ₈	0.098	1.9370	0.748	UCX07-106D1	CX07D1	4.0
	UCCX07-107D1						UCX07-107D1	CX07D1	
40 1 ¹ / ₂ 1 ⁹ / ₁₆	UCCX08D1	120	38	2.5	49.2	19	UCX08D1	CX08D1	2.5
	UCCX08-108D1	4.7244	1 ¹ / ₂	0.098	1.9370	0.748	UCX08-108D1	CX08D1	5.5
	UCCX08-109D1						UCX08-109D1	CX08D1	
45 1 ⁵ / ₈ 1 ¹ / ₂ 1 ³ / ₄ 1 ¹ / ₈	UCCX09D1	120	38	2.5	51.6	19	UCX09D1	CX09D1	2.2
	UCCX09-110D1						UCX09-110D1	CX09D1	
	UCCX09-111D1	4.7244	1 ¹ / ₂	0.098	2.0315	0.748	UCX09-111D1	CX09D1	4.9
	UCCX09-112D1						UCX09-112D1	CX09D1	
	UCCX09-113D1						UC210-113D1	CX09D1	
50 1 ⁷ / ₈ 1 ¹ / ₂ 2	UCCX10D1	130	40	2.5	55.6	22.2	UCX10D1	CX10D1	2.7
	UCCX10-114D1						UCX10-114D1	CX10D1	
	UCCX10-115D1	5.1181	1 ⁷ / ₁₆	0.098	2.1890	0.874	UCX10-115D1	CX10D1	6.0
2	UCCX10-200D1						UC211-200D1	CX10D1	

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

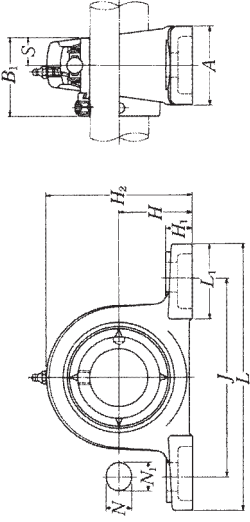


Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch					Bearing number	Housing number	Mass of unit kg lb
		H	A	r	B	S			
55 2 ¹ / ₈ 2 ¹ / ₁₆ 2 ³ / ₁₆ 2 ¹ / ₄ 2 ⁵ / ₁₆	UCCX11D1	150	42	3	65.1	25.4	UCX11D1	CX11D1	4.1
	UCCX11-201D1						UCX11-201D1	CX11D1	
	UCCX11-202D1						UCX11-202D1	CX11D1	
	UCCX11-203D1	5.9055	1 ⁹ / ₁₆	0.118	2.5630	1.000	UCX11-203D1	CX11D1	9.0
	UCCX11-204D1						UC212-204D1	CX11D1	
UCCX11-205D1						UC212-205D1	CX11D1		
60 2 ³ / ₈ 2 ¹ / ₁₆	UCCX12D1	160	44	3	65.1	25.4	UCX12D1	CX12D1	3.9
	UCCX12-206D1	6.2992	1 ⁷ / ₁₆	0.118	2.5630	1.000	UCX12-206D1	CX12D1	8.6
	UCCX12-207D1						UCX12-207D1	CX12D1	

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

UELP2

Pillow block unit, cast housing Eccentric locking collar type



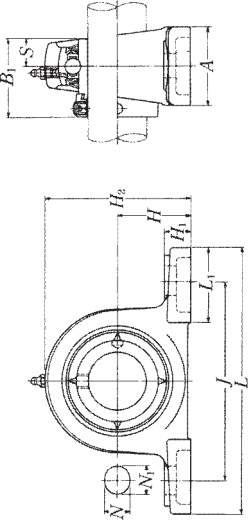
Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch														Bolt size mm inch			
		H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B ₁	S	H	H ₁	H ₂	A	B ₁	S	
20 3/4	UELP204D1W3	33.3	127	95	38	13	16	14	65	42	43.7	17.1	M10						
	UELP204-012D1W3	1 ⁵ / ₁₆	5	3 ³ / ₄	1 ¹ / ₂	1/2	5/8	2 ⁹ / ₁₆	1 ²⁵ / ₃₂	1 ²⁹ / ₃₂	1.720	0.673	3/8						
25 19/16 7/8 18/16 1	UELP205D1W3	36.5	140	105	38	13	16	15	71	42	44.4	17.45	M10						
	UELP205-013D1W3																		
	UELP205-014D1W3	1 ⁷ / ₁₆	5 ¹ / ₂	4 ¹ / ₈	1 ¹ / ₂	1/2	5/8	2 ²⁵ / ₃₂	1 ²¹ / ₃₂	1 ²¹ / ₃₂	1.748	0.687	3/8						
	UELP205-015D1W3																		
	UELP205-100D1W3																		
30 1 1/16 1 1/8 1 3/16 1 1/4	UELP206D1W3	42.9	165	121	48	17	20	17	83	54	48.4	18.25	M14						
	UELP206-101D1W3																		
	UELP206-102D1W3	1 ¹ / ₁₆	6 ¹ / ₂	4 ³ / ₄	1 ⁷ / ₈	2 ¹ / ₃₂	25/32	3 ⁹ / ₃₂	2 ¹ / ₈	1.906	0.719	1/2							
	UELP206-103D1W3																		
	UELP206-104D1W3																		
35 1 1/4 1 1/2 1 5/8 1 3/4	UELP207D1W3	47.6	167	127	48	17	20	18	93	54	51.1	18.8	M14						
	UELP207-104D1W3																		
	UELP207-105D1W3	1 ⁷ / ₈	6 ⁹ / ₁₆	5	1 ⁷ / ₈	2 ¹ / ₃₂	25/32	3 ²¹ / ₃₂	2 ¹ / ₈	2.012	0.740	1/2							
	UELP207-106D1W3																		
	UELP207-107D1W3																		
40 1 1/2 1 5/8	UELP208D1W3	49.2	184	137	54	17	20	18	98	52	56.3	21.4	M14						
	UELP208-108D1W3	1 ¹⁵ / ₁₆	7 ¹ / ₄	5 ³ / ₃₂	2 ¹ / ₈	2 ¹ / ₃₂	25/32	3 ²⁷ / ₃₂	2 ¹ / ₁₆	2.217	0.843	1/2							
	UELP208-109D1W3																		
45 1 5/8 1 7/8 1 3/4	UELP209D1W3	54	190	146	54	17	20	20	106	60	56.3	21.4	M14						
	UELP209-110D1W3																		
	UELP209-111D1W3	2 ¹ / ₈	7 ¹⁵ / ₃₂	5 ³ / ₄	2 ¹ / ₈	2 ¹ / ₃₂	25/32	4 ³ / ₁₆	2 ³ / ₈	2.217	0.843	1/2							
	UELP209-112D1W3																		
	UELP210D1W3	57.2	206	159	60	20	23	21	114	65	62.7	24.6	M16						
50 1 7/8 1 5/8 2	UELP210-113D1W3																		
	UELP210-114D1W3	2 ¹ / ₄	8 ¹ / ₈	6 ¹ / ₄	2 ³ / ₈	25/32	29/32	4 ¹ / ₂	2 ⁹ / ₁₆	2.469	0.969	5/8							
	UELP210-115D1W3																		
	UELP210-200D1W3																		

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UEL204D1W3	P204D1	0.8
UEL204-012D1W3	P204D1	1.8
UEL205D1W3	P205D1	0.9
UEL205-013D1W3	P205D1	
UEL205-014D1W3	P205D1	2.0
UEL205-015D1W3	P205D1	
UEL205-100D1W3	P205D1	
UEL206D1W3	P206D1	1.5
UEL206-101D1W3	P206D1	
UEL206-102D1W3	P206D1	3.3
UEL206-103D1W3	P206D1	
UEL206-104D1W3	P206D1	
UEL207D1W3	P207D1	1.8
UEL207-104D1W3	P207D1	
UEL207-105D1W3	P207D1	4.0
UEL207-106D1W3	P207D1	
UEL207-107D1W3	P207D1	
UEL208D1W3	P208D1	2.1
UEL208-108D1W3	P208D1	4.6
UEL208-109D1W3	P208D1	
UEL209D1W3	P209D1	2.3
UEL209-110D1W3	P209D1	
UEL209-111D1W3	P209D1	5.1
UEL209-112D1W3	P209D1	
UEL210D1W3	P210D1	2.9
UEL210-113D1W3	P210D1	
UEL210-114D1W3	P210D1	6.4
UEL210-115D1W3	P210D1	
UEL210-200D1W3	P210D1	

UELP2

Pillow block unit, cast housing Eccentric locking collar type



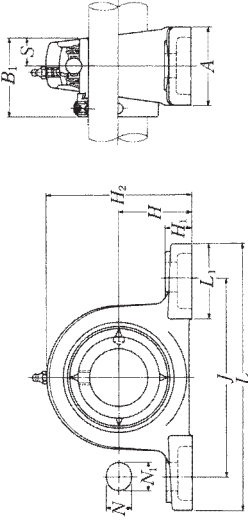
Shaft dia. mm inch	Unit number (*)	Nominal dimensions													Bolt size	
		H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B ₁	S	mm	inch		
55 2 2 ¹ / ₁₆ 2 ¹ / ₆ 2 ³ / ₈	UELP211D1W3	63.5	219	171	60	20	23	23	126	65	71.4	27.75	M16			
	UELP211-200D1W3															
	UELP211-201D1W3	2 ¹ / ₂	8 ⁵ / ₈	6 ³ / ₃₂	2 ³ / ₈	25 ²⁹ / ₃₂	29 ²⁹ / ₃₂	4 ³¹ / ₃₂	2 ⁹ / ₁₆	2.811	1.093		5/ ₈			
	UELP211-202D1W3															
	UELP211-203D1W3															
60 2 ¹ / ₄ 2 ⁵ / ₁₆ 2 ³ / ₆ 2 ⁷ / ₁₆	UELP212D1W3	69.8	241	184	70	20	23	25	138	70	77.8	30.95	M16			
	UELP212-204D1W3															
	UELP212-205D1W3	2 ³ / ₄	9 ¹ / ₂	7 ¹ / ₄	2 ³ / ₄	25 ²⁹ / ₃₂	29 ³¹ / ₃₂	5 ⁷ / ₁₆	2 ³ / ₄	3.063	1.219		5/ ₈			
	UELP212-206D1W3															
	UELP212-207D1W3															
65 2 ¹ / ₂ 2 ⁵ / ₁₆ 2 ⁷ / ₁₆	UELP213D1W3	76.2	265	203	70	25	28	27	151	77	85.7	34.15	M20			
	UELP213-208D1W3															
	UELP213-209D1W3	3	10 ⁷ / ₁₆	8	2 ³ / ₄	31 ³ / ₃₂	1 ³ / ₃₂	1 ¹ / ₁₆	5 ¹⁵ / ₁₆	3 ³ / ₃₂	3.374	1.344		3/ ₄		
70 2 ⁵ / ₈ 2 ¹ / ₆ 2 ³ / ₄	UELP214D1W3	79.4	266	210	72	25	28	27	157	77	85.7	34.15	M20			
	UELP214-210D1W3															
	UELP214-211D1W3	3 ¹ / ₈	10 ¹⁵ / ₃₂	8 ⁹ / ₃₂	2 ²⁷ / ₃₂	31 ¹ / ₃₂	1 ³ / ₃₂	1 ¹ / ₁₆	6 ³ / ₁₆	3 ¹ / ₃₂	3.374	1.344		3/ ₄		
	UELP214-212D1W3															
75 2 ³ / ₁₆ 2 ⁷ / ₆ 2 ⁵ / ₁₆ 3	UELP215D1W3	82.6	275	217	74	25	28	28	163	80	92	37.3	M20			
	UELP215-213D1W3															
	UELP215-214D1W3	3 ¹ / ₄	10 ¹³ / ₁₆	8 ⁷ / ₃₂	2 ²⁹ / ₃₂	31 ¹ / ₃₂	1 ³ / ₃₂	1 ³ / ₁₆	6 ¹³ / ₃₂	3 ⁵ / ₃₂	3.622	1.469		3/ ₄		
	UELP215-215D1W3															
	UELP215-300D1W3															

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UEL211D1W3	P211D1	3.7
UEL211-200D1W3	P211D1	
UEL211-201D1W3	P211D1	8.2
UEL211-202D1W3	P211D1	
UEL211-203D1W3	P211D1	
UEL212D1W3	P212D1	5.0
UEL212-204D1W3	P212D1	
UEL212-205D1W3	P212D1	11
UEL212-206D1W3	P212D1	
UEL212-207D1W3	P212D1	
UEL213D1W3	P213D1	6.2
UEL213-208D1W3	P213D1	14
UEL213-209D1W3	P213D1	
UEL214D1W3	P214D1	6.9
UEL214-210D1W3	P214D1	
UEL214-211D1W3	P214D1	15
UEL214-212D1W3	P214D1	
UEL215D1W3	P215D1	7.6
UEL215-213D1W3	P215D1	
UEL215-214D1W3	P215D1	17
UEL215-215D1W3	P215D1	
UEL215-300D1W3	P215D1	

UELP3

Pillow block unit, cast housing Eccentric locking collar type



Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch													Bolt size mm inch
		H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B ₁	S	H ₂		
25 ¹⁹ / ₁₆ ⁷ / ₈ ¹⁹ / ₁₆ 1	UELP305D1W3	45	175	132	45	17	20	15	85	54	46.8	16.7	M14		
	UELP305-013D1W3														
	UELP305-014D1W3	¹ / ₆₄	⁶ / ₁₆	⁵ / ₁₆	²⁵ / ₃₂	²¹ / ₃₂	²⁵ / ₃₂	¹⁹ / ₃₂	³ / ₃₂	² / ₁₆	1.843	0.657	¹ / ₂		
	UELP305-015D1W3														
	UELP305-100D1W3														
30 ¹ / ₁₆ ¹ / ₈ ¹ / ₁₆	UELP306D1W3	50	180	140	50	17	20	18	95	54	50	17.5	M14		
	UELP306-101D1W3														
	UELP306-102D1W3	¹ / ₃₂	⁷ / ₃₂	⁵ / ₂	³ / ₁₆	²¹ / ₃₂	²⁵ / ₃₂	²³ / ₃₂	³ / ₄	² / ₁₆	1.969	0.689	¹ / ₂		
	UELP306-103D1W3														
35 ¹ / ₄ ¹ / ₈ ¹ / ₁₆	UELP307D1W3	56	210	160	56	17	25	20	106	60	51.6	18.3	M14		
	UELP307-104D1W3														
	UELP307-105D1W3	² / ₆₄	⁸ / ₃₂	⁶ / ₁₆	² / ₃₂	²¹ / ₃₂	⁹ / ₃₂	²⁵ / ₃₂	⁴ / ₁₆	² / ₁₆	2.031	0.720	¹ / ₂		
	UELP307-106D1W3														
	UELP307-107D1W3														
40 ¹ / ₂ ¹ / ₁₆	UELP308D1W3	60	220	170	60	17	27	22	116	60	57.1	19.8	M14		
	UELP308-108D1W3	² / ₆₄	⁸ / ₃₂	⁶ / ₁₆	² / ₁₆	²¹ / ₃₂	¹ / ₁₆	⁷ / ₁₆	⁴ / ₁₆	² / ₁₆	2.248	0.780	¹ / ₂		
	UELP308-109D1W3														
45 ¹ / ₈ ¹ / ₁₆ ¹ / ₄	UELP309D1W3	67	245	190	67	20	30	24	129	65	58.7	19.8	M16		
	UELP309-110D1W3														
	UELP309-111D1W3	² / ₆₄	⁹ / ₃₂	⁷ / ₃₂	² / ₁₆	²⁵ / ₃₂	¹ / ₁₆	¹⁵ / ₁₆	⁵ / ₃₂	² / ₁₆	2.311	0.780	⁵ / ₈		
	UELP309-112D1W3														
50 ¹ / ₁₆ ¹ / ₈ ¹ / ₁₆	UELP310D1W3	75	275	212	75	20	35	27	143	75	66.6	24.6	M16		
	UELP310-113D1W3														
	UELP310-114D1W3	² / ₆₄	¹⁰ / ₃₂	⁸ / ₃₂	² / ₁₆	²⁵ / ₃₂	¹ / ₈	¹ / ₁₆	⁵ / ₈	² / ₁₆	2.622	0.969	⁵ / ₈		
	UELP310-115D1W3														

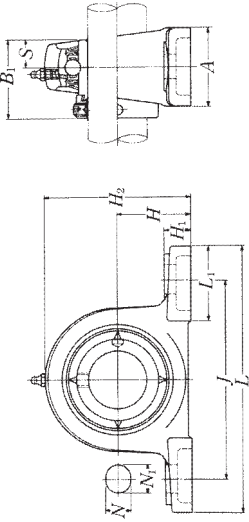
Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UEL305-013D1W3	P305D1	
UEL305-014D1W3	P305D1	3.3
UEL305-015D1W3	P305D1	
UEL305-100D1W3	P305D1	
UEL306D1W3	P306D1	1.9
UEL306-101D1W3	P306D1	
UEL306-102D1W3	P306D1	4.2
UEL306-103D1W3	P306D1	
UEL307D1W3	P307D1	2.6
UEL307-104D1W3	P307D1	
UEL307-105D1W3	P307D1	5.7
UEL307-106D1W3	P307D1	
UEL307-107D1W3	P307D1	
UEL308D1W3	P308D1	3.2
UEL308-108D1W3	P308D1	7.1
UEL308-109D1W3	P308D1	
UEL309D1W3	P309D1	4.2
UEL309-110D1W3	P309D1	
UEL309-111D1W3	P309D1	9.3
UEL309-112D1W3	P309D1	
UEL310D1W3	P310D1	5.8
UEL310-113D1W3	P310D1	
UEL310-114D1W3	P310D1	13
UEL310-115D1W3	P310D1	

UELP3

Pillow block unit, cast housing Eccentric locking collar type



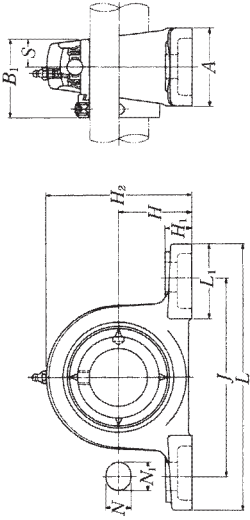
Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch													Bolt size mm inch
		H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B ₁	S	H _b		
55	UELP311D1W3	80	310	236	80	20	38	30	154	85	73	27.8	M16		
2	UELP311-200D1W3														
2 ¹ / ₁₆	UELP311-201D1W3	3 ⁵ / ₃₂	12 ⁷ / ₃₂	9 ⁹ / ₃₂	3 ⁵ / ₃₂	25 ²⁵ / ₃₂	1 ¹ / ₂	1 ³ / ₁₆	6 ¹ / ₁₆	3 ¹ / ₃₂	2.874	1.094	5 ⁵ / ₁₆		
2 ¹ / ₈	UELP311-202D1W3														
2 ³ / ₁₆	UELP311-203D1W3														
60	UELP312D1W3	85	330	250	85	25	38	32	165	95	79.4	30.95	M20		
2 ¹ / ₄	UELP312-204D1W3														
2 ⁵ / ₁₆	UELP312-205D1W3	3 ¹ / ₃₂	13	9 ⁷ / ₃₂	3 ¹¹ / ₃₂	3 ³¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₄	6 ¹ / ₂	3 ³ / ₄	3.126	1.219	3 ³ / ₄		
2 ³ / ₈	UELP312-206D1W3														
2 ¹ / ₁₆	UELP312-207D1W3														
65	UELP313D1W3	90	340	260	90	25	38	33	176	105	85.7	32.55	M20		
2 ¹ / ₂	UELP313-208D1W3	3 ³⁹ / ₆₄	13 ³ / ₈	10 ¹ / ₄	3 ¹⁷ / ₃₂	3 ³¹ / ₃₂	1 ¹ / ₂	1 ⁵ / ₁₆	6 ⁵ / ₁₆	4 ¹ / ₈	3.374	1.281	3 ³ / ₄		
2 ¹ / ₁₆	UELP313-209D1W3														
2 ³ / ₄	UELP314D1W3	95	360	280	90	27	40	35	187	105	92.1	34.15	M22		
2 ⁵ / ₈	UELP314-210D1W3														
2 ¹ / ₁₆	UELP314-211D1W3	3 ³⁷ / ₆₄	14 ³ / ₁₆	11 ¹ / ₃₂	3 ¹⁷ / ₃₂	1 ¹ / ₁₆	1 ⁹ / ₁₆	1 ³ / ₈	7 ³ / ₈	4 ¹ / ₈	3.626	1.344	7 ⁷ / ₈		
2 ¹ / ₄	UELP314-212D1W3														
75	UELP315D1W3	100	380	290	100	27	40	35	198	110	100	37.3	M22		
2 ³ / ₁₆	UELP315-213D1W3														
2 ¹ / ₈	UELP315-214D1W3	3 ³ / ₁₆	14 ³ / ₁₆	11 ¹³ / ₃₂	3 ¹⁵ / ₁₆	1 ¹ / ₁₆	1 ⁹ / ₁₆	1 ³ / ₈	7 ²⁵ / ₃₂	4 ¹ / ₃₂	3.937	1.469	7 ⁷ / ₈		
2 ¹ / ₁₆	UELP315-215D1W3														
3	UELP315-300D1W3														
80	UELP316D1W3	106	400	300	110	27	40	40	210	110	106.4	40.5	M22		
3 ¹ / ₈	UELP316-301D1W3														
3 ¹ / ₁₆	UELP316-302D1W3	4 ¹ / ₆₄	15 ³ / ₄	11 ¹³ / ₁₆	4 ¹¹ / ₃₂	1 ¹ / ₁₆	1 ⁹ / ₁₆	1 ⁹ / ₁₆	8 ⁹ / ₃₂	4 ¹ / ₃₂	4.189	1.594	7 ⁷ / ₈		
3 ⁵ / ₁₆	UELP316-303D1W3														

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UEL311D1W3	P311D1	7.6
UEL311-200D1W3	P311D1	
UEL311-201D1W3	P311D1	17
UEL311-202D1W3	P311D1	
UEL311-203D1W3	P311D1	
UEL312D1W3	P312D1	9.7
UEL312-204D1W3	P312D1	
UEL312-205D1W3	P312D1	21
UEL312-206D1W3	P312D1	
UEL312-207D1W3	P312D1	
UEL313D1W3	P313D1	11
UEL313-208D1W3	P313D1	24
UEL313-209D1W3	P313D1	
UEL314D1W3	P314D1	12
UEL314-210D1W3	P314D1	
UEL314-211D1W3	P314D1	26
UEL314-212D1W3	P314D1	
UEL315D1W3	P315D1	15
UEL315-213D1W3	P315D1	
UEL315-214D1W3	P315D1	33
UEL315-215D1W3	P315D1	
UEL315-300D1W3	P315D1	
UEL316D1W3	P316D1	18
UEL316-301D1W3	P316D1	
UEL316-302D1W3	P316D1	40
UEL316-303D1W3	P316D1	

UELP3

Pillow block unit, cast housing Eccentric locking collar type



Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch													Bolt size mm inch
		H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B ₁	S			
85	UELP317D1W3	112	420	320	110	33	45	40	220	120	109.5	42.05	M27		
3 ¹ / ₄	UELP317-304D1W3	4 ¹³ / ₃₂	16 ¹⁷ / ₃₂	12 ¹⁹ / ₃₂	4 ¹ / ₂	1 ⁵ / ₁₆	1 ²⁵ / ₃₂	1 ⁹ / ₁₆	8 ⁹ / ₃₂	4 ²⁹ / ₃₂	4.311	1.656	1		
3 ¹ / ₁₆	UELP317-305D1W3														
3 ¹ / ₁₆	UELP317-307D1W3														
90	UELP318D1W3	118	430	330	110	33	45	45	235	120	115.9	43.65	M27		
3 ⁷ / ₁₆	UELP318-307D1W3	4 ¹ / ₁₆	16 ¹⁵ / ₁₆	13	4 ¹¹ / ₃₂	1 ⁵ / ₁₆	1 ²⁵ / ₃₂	1 ²⁵ / ₃₂	9 ¹ / ₄	4 ²⁹ / ₃₂	4.563	1.719	1		
3 ¹ / ₂	UELP318-308D1W3														
95	UELP319D1W3	125	470	360	120	36	50	45	250	125	122.3	38.9	M30		
3 ⁵ / ₈	UELP319-310D1W3	4 ⁵⁹ / ₆₄	18 ¹ / ₂	14 ³ / ₁₆	4 ²³ / ₃₂	1 ¹³ / ₃₂	1 ²⁵ / ₃₂	1 ²⁵ / ₃₂	9 ⁷ / ₃₂	4 ²⁹ / ₃₂	4.815	1.531	1 ¹ / ₈		
3 ¹ / ₁₆	UELP319-311D1W3														
3 ³ / ₄	UELP319-312D1W3														
100	UELP320D1W3	140	490	380	120	36	50	50	275	130	128.6	50	M30		
3 ³ / ₁₆	UELP320-313D1W3														
3 ¹ / ₁₆	UELP320-314D1W3	5 ⁵⁹ / ₆₄	19 ⁹ / ₃₂	14 ⁹ / ₃₂	4 ²⁹ / ₃₂	1 ¹³ / ₃₂	1 ⁹ / ₃₂	1 ⁹ / ₃₂	10 ¹³ / ₁₆	5 ¹ / ₈	5.063	1.969	1 ¹ / ₈		
3 ¹⁵ / ₁₆	UELP320-315D1W3														
4	UELP320-400D1W3														
105	UELP321D1W3	140	490	380	120	36	50	50	280	130	139.7	48.4	M30		
110	UELP322D1W3	150	520	400	140	40	55	55	300	135	141.3	49.2	M33		

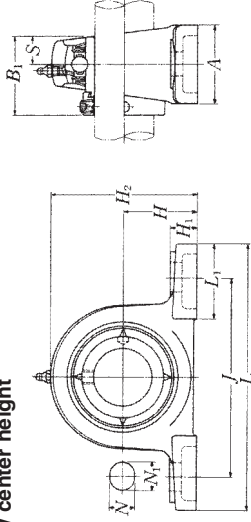
Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UEL317D1W3	P317D1	21
UEL317-304D1W3	P317D1	
UEL317-305D1W3	P317D1	46
UEL317-307D1W3	P317D1	
UEL318D1W3	P318D1	23
UEL318-307D1W3	P318D1	
UEL318-308D1W3	P318D1	51
UEL319D1W3	P319D1	28
UEL319-310D1W3	P319D1	
UEL319-311D1W3	P319D1	62
UEL319-312D1W3	P319D1	
UEL320D1W3	P320D1	35
UEL320-313D1W3	P320D1	
UEL320-314D1W3	P320D1	77
UEL320-315D1W3	P320D1	
UEL320-400D1W3	P320D1	
UEL321D1W3	P321D1	37
UEL322D1W3	P322D1	46

UELPL2

Pillow block unit, cast housing low center height Eccentric locking collar type



Shaft dia. mm inch	Unit number ⁽¹⁾ / ₍₂₎	Nominal dimensions mm inch													Bolt size mm inch
		H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B ₁	S			
20 3/4	UELPL204D1W3	31.75 1 1/4	127	95	38	13	16	14	64	42	43.7	17.1	M10		
	UELPL204-012D1W3		5	3 3/4	1 1/2	1/2	5/8	9/16	2 7/32	1 21/32	1.720	0.673	3/8		
25 19/16 7/8 18/16 1 1/8	UELPL205D1W3	33.34	140	105	38	13	16	15	68	42	44.4	17.45	M10		
	UELPL205-013D1W3														
	UELPL205-014D1W3	1 5/16	5 1/2	4 1/8	1 1/2	1/2	5/8	19/32	2 1/16	1 21/32	1.748	0.687	9/8		
	UELPL205-015D1W3														
30 1 1/8 1 1/4 1 1/2 1 3/8 1 1/2	UELPL206D1W3	39.69	165	121	48	17	20	17	80	54	48.4	18.25	M14		
	UELPL206-101D1W3														
	UELPL206-102D1W3	1 9/16	6 1/2	4 3/4	1 7/8	21/32	25/32	21/32	3 5/32	2 1/8	1.906	0.719	1/2		
	UELPL206-103D1W3														
35 1 1/4 1 1/2 1 5/8 1 3/4	UELPL207D1W3	46.04	167	127	48	17	20	18	91	54	51.1	18.8	M14		
	UELPL207-104D1W3														
	UELPL207-105D1W3	1 13/16	6 9/16	5	1 7/8	21/32	25/32	23/32	3 19/32	2 1/8	2.012	0.740	1/2		
	UELPL207-106D1W3														
45 1 5/8 1 13/16 1 3/4	UELPL209D1W3	52.39	190	146	54	17	20	20	104	60	56.3	21.4	M14		
	UELPL209-110D1W3														
	UELPL209-111D1W3	2 1/16	7 15/32	5 3/4	2 1/8	21/32	25/32	25/32	4 3/32	2 3/8	2.217	0.843	1/2		
	UELPL209-112D1W3														
50 1 3/4 1 7/8 1 15/8 2	UELPL210D1W3	55.56	206	159	60	20	23	21	112	65	62.7	24.6	M16		
	UELPL210-113D1W3														
	UELPL210-114D1W3	2 3/16	8 1/8	6 1/4	2 3/8	25/32	29/32	13/16	4 13/32	2 9/16	2.469	0.969	5/8		
	UELPL210-115D1W3														
2	UELPL210-200D1W3														

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

(2) UELPL204 and UELPL205 has solid bases.

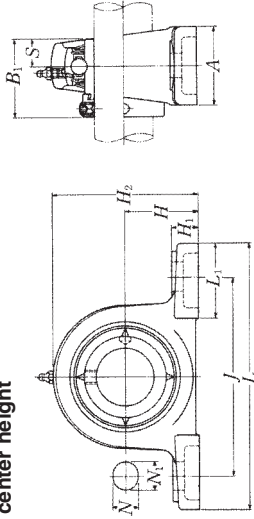
(3) UELPL208 has the same dimension as UELPL208 shown in page B148.

Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UEL205D1W3 UEL205-013D1W3 UEL205-014D1W3 UEL205-015D1W3 UEL205-100D1W3	PL205D1 PL205D1 PL205D1 PL205D1 PL205D1	0.9 2.0
UEL206D1W3 UEL206-101D1W3 UEL206-102D1W3 UEL206-103D1W3 UEL206-104D1W3	PL206D1 PL206D1 PL206D1 PL206D1 PL206D1	1.4 3.1
UEL207D1W3 UEL207-104D1W3 UEL207-105D1W3 UEL207-106D1W3 UEL207-107D1W3	PL207D1 PL207D1 PL207D1 PL207D1 PL207D1	1.7 3.7
UEL209D1W3 UEL209-110D1W3 UEL209-111D1W3 UEL209-112D1W3	PL209D1 PL209D1 PL209D1 PL209D1	2.3 5.1
UEL210D1W3 UEL210-113D1W3 UEL210-114D1W3 UEL210-115D1W3 UEL210-200D1W3	PL210D1 PL210D1 PL210D1 PL210D1 PL210D1	3.0 6.6

UELPL2

Pillow block unit, cast housing low center height
Eccentric locking collar type



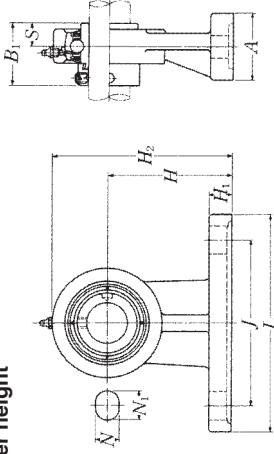
Shaft dia. mm inch	Unit number (1)	Nominal dimensions											Bolt size mm inch		
		H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B ₁	S			
55	UELPL211-200D1W3	61.91	219	171	60	20	23	23	23	23	124	65	71.4	27.75	M16
2	UELPL211-201D1W3	2 ⁷ / ₁₆	8 ⁵ / ₈	6 ³³ / ₃₂	2 ³ / ₈	2 ⁵ / ₃₂	2 ⁹ / ₃₂	2 ⁹ / ₃₂	2 ⁹ / ₃₂	4 ⁷ / ₈	2 ⁹ / ₁₆	2 ⁹ / ₁₆	2.811	1.093	5/ ₈
2 ³ / ₈	UELPL211-202D1W3														
2 ³ / ₁₆	UELPL211-203D1W3														
60	UELPL212-204D1W3	68.26	241	184	70	20	23	25	136	70	77.8	30.95		M16	
2 ¹ / ₄	UELPL212-205D1W3	2 ¹ / ₁₆	9 ¹ / ₂	7 ¹ / ₄	2 ³ / ₄	2 ⁵ / ₃₂	2 ⁹ / ₃₂	3 ¹ / ₃₂	5 ¹¹ / ₃₂	2 ³ / ₄	3.063	1.219		5/ ₈	
2 ⁵ / ₁₆	UELPL212-206D1W3														
2 ³ / ₈	UELPL212-207D1W3														

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UEL211D1W3	PL211D1	3.7
UEL211-200D1W3	PL211D1	
UEL211-201D1W3	PL211D1	8.2
UEL211-202D1W3	PL211D1	
UEL211-203D1W3	PL211D1	
UEL212D1W3	PL212D1	5.0
UEL212-204D1W3	PL212D1	
UEL212-205D1W3	PL212D1	11
UEL212-206D1W3	PL212D1	
UEL212-207D1W3	PL212D1	

UELHP2

Pillow block unit, cast housing high center height
Eccentric locking collar type



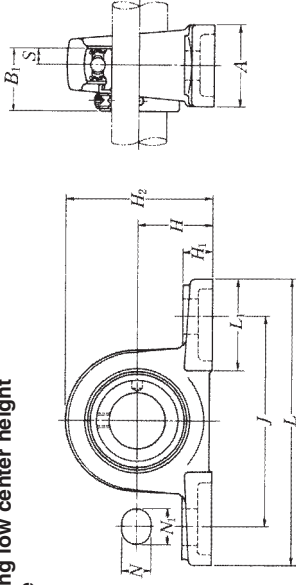
Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch													Bolt size mm inch			
		H	L	J	A	N	N ₁	H ₁	H ₂	B ₁	S							
20 3/4	UELHP204D1W3	70	127	95	40	13	19	13	101	43.7	17.1	M10						
	UELHP204-012D1W3	2 ³ / ₄	5	3 ³ / ₄	1 ⁹ / ₁₆	1/2	3/4	1/2	3 ³ / ₃₂	1.720	0.673	3/8						
	UELHP205D1W3	80	142	105	50	13	19	13	114	44.4	17.45	M10						
	UELHP205-013D1W3																	
	UELHP205-014D1W3																	
25 1 ¹ / ₈	UELHP205-015D1W3	3 ³ / ₃₂	5 ⁹ / ₃₂	4 ¹ / ₈	1 ⁹ / ₃₂	1/2	3/4	1/2	4 ¹ / ₂	1.748	0.687	3/8						
	UELHP205-100D1W3																	
	UELHP206D1W3	90	165	120	50	17	21	16	130	48.4	18.25	M14						
30 1 ¹ / ₂	UELHP206-101D1W3																	
	UELHP206-102D1W3	3 ³ / ₆₄	6 ¹ / ₂	4 ²⁹ / ₃₂	1 ⁹ / ₃₂	2 ¹ / ₃₂	1 ⁹ / ₁₆	5/8	5 ¹ / ₈	1.906	0.719	1/2						
	UELHP206-103D1W3																	
	UELHP206-104D1W3																	
	UELHP207D1W3	95	166	127	60	17	21	18	140	51.1	18.8	M14						
40 1 ¹ / ₂	UELHP207-104D1W3																	
	UELHP207-105D1W3	3 ⁷ / ₆₄	6 ⁷ / ₃₂	5	2 ³ / ₈	2 ¹ / ₃₂	1 ⁹ / ₁₆	23/32	5 ¹ / ₂	2.012	0.740	1/2						
	UELHP207-106D1W3																	
	UELHP207-107D1W3	100	184	136	70	17	21	20	150	56.3	21.4	M14						
	UELHP208-108D1W3	3 ¹⁵ / ₁₆	7 ¹ / ₄	5 ¹¹ / ₃₂	2 ³ / ₄	2 ¹ / ₃₂	1 ¹³ / ₁₆	23/32	5 ²⁹ / ₃₂	2.217	0.843	1/2						
45 1 ⁵ / ₈	UELHP208-109D1W3																	
	UELHP209D1W3	105	190	146	70	17	22	20	158	56.3	21.4	M14						
	UELHP209-110D1W3																	
	UELHP209-111D1W3	4 ⁹ / ₆₄	7 ¹⁹ / ₃₂	5 ³ / ₄	2 ³ / ₄	2 ¹ / ₃₂	7/8	23/32	6 ⁷ / ₃₂	2.217	0.843	1/2						
	UELHP209-112D1W3																	
50 1 ¹ / ₂	UELHP210-113D1W3	110	206	159	70	20	22	22	165	62.7	24.6	M16						
	UELHP210-114D1W3																	
	UELHP210-115D1W3	4 ³ / ₆₄	8 ¹ / ₈	6 ¹ / ₄	2 ³ / ₄	2 ²⁵ / ₃₂	7/8	23/32	6 ¹ / ₂	2.469	0.969	5/8						
	UELHP210-200D1W3																	
	2																	

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UEL204D1W3	HP204D1	0.9
UEL204-012D1W3	HP204D1	2.0
UEL205D1W3	HP205D1	1.3
UEL205-013D1W3	HP205D1	
UEL205-014D1W3	HP205D1	2.9
UEL205-015D1W3	HP205D1	
UEL205-100D1W3	HP205D1	
UEL206D1W3	HP206D1	1.9
UEL206-101D1W3	HP206D1	
UEL206-102D1W3	HP206D1	4.2
UEL206-103D1W3	HP206D1	
UEL206-104D1W3	HP206D1	
UEL207D1W3	HP207D1	2.4
UEL207-104D1W3	HP207D1	
UEL207-105D1W3	HP207D1	5.3
UEL207-106D1W3	HP207D1	
UEL207-107D1W3	HP207D1	
UEL208D1W3	HP208D1	3.3
UEL208-108D1W3	HP208D1	7.3
UEL208-109D1W3	HP208D1	
UEL209D1W3	HP209D1	3.7
UEL209-110D1W3	HP209D1	
UEL209-111D1W3	HP209D1	8.2
UEL209-112D1W3	HP209D1	
UEL210D1W3	HP210D1	4.1
UEL210-113D1W3	HP210D1	
UEL210-114D1W3	HP210D1	9.0
UEL210-115D1W3	HP210D1	
UEL210-200D1W3	HP210D1	

AELPL2

Pillow block unit, cast housing low center height
Eccentric locking collar type



Shaft dia.	Unit number (1)	Nominal dimensions														Bolt size													
		mm inch														mm	inch												
mm		H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B ₁	S	H	H ₁	H ₂	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B ₁	S				
12	AELPL201W3	26.99	121	89	35	11	14	13	54	40	28.6	6.5	M10																
1/2	AELPL201-008W3	1 1/16	4 3/4	3 1/2	1 3/8	7/16	9/16	1/2	2 1/8	1 3/8	1.126	0.256	3/8																
15	AELPL202W3	26.99	121	89	35	11	14	13	54	40	28.6	6.5	M10																
9/16	AELPL202-009W3	1 1/16	4 3/4	3 1/2	1 3/8	7/16	9/16	1/2	2 1/8	1 3/8	1.126	0.256	3/8																
5/8	AELPL202-010W3	1 1/8	4 3/4	3 1/2	1 3/8	7/16	9/16	1/2	2 1/8	1 3/8	1.126	0.256	3/8																
17	AELPL203W3	26.99	121	89	35	11	14	13	54	40	28.6	6.5	M10																
1 1/16	AELPL203-011W3	1 1/16	4 3/4	3 1/2	1 3/8	7/16	9/16	1/2	2 1/8	1 3/8	1.126	0.256	3/8																
20	AELPL204W3	31.75	127	95	38	13	16	14	64	42	31	7.5	M10																
3/4	AELPL204-012W3	1 1/4	5	3 3/4	1 1/2	1 1/2	5/8	9/16	2 17/32	1 21/32	1.220	0.295	3/8																
25	AELPL205W3	33.34	140	105	38	13	16	15	68	42	31	7.5	M10																
1 9/16	AELPL205-013W3	1 1/8	5 1/2	4 1/8	1 1/2	1 1/2	5/8	19/32	2 11/16	1 21/32	1.220	0.295	3/8																
7/8	AELPL205-014W3	1 5/16	5 1/2	4 1/8	1 1/2	1 1/2	5/8	19/32	2 11/16	1 21/32	1.220	0.295	3/8																
1 1/8	AELPL205-015W3	1 5/16	5 1/2	4 1/8	1 1/2	1 1/2	5/8	19/32	2 11/16	1 21/32	1.220	0.295	3/8																
1 1/4	AELPL205-100W3	39.69	165	121	48	17	20	17	80	54	35.7	9	M14																
30	AELPL206W3	39.69	165	121	48	17	20	17	80	54	35.7	9	M14																
1 1/16	AELPL206-101W3	1 5/16	6 1/2	4 3/4	1 7/8	2 1/8	2 1/8	2 1/8	3 5/8	2 1/8	1.406	0.354	1/2																
1 1/8	AELPL206-102W3	1 9/16	6 1/2	4 3/4	1 7/8	2 1/8	2 1/8	2 1/8	3 5/8	2 1/8	1.406	0.354	1/2																
1 1/16	AELPL206-103W3	46.04	167	127	48	17	20	18	91	54	38.9	9.5	M14																
1 1/4	AELPL206-104W3	46.04	167	127	48	17	20	18	91	54	38.9	9.5	M14																
1 5/16	AELPL207-104W3	1 13/16	6 3/16	5	1 7/8	2 1/8	2 1/8	2 1/8	3 9/16	2 1/8	1.531	0.374	1/2																
1 3/8	AELPL207-105W3	1 13/16	6 3/16	5	1 7/8	2 1/8	2 1/8	2 1/8	3 9/16	2 1/8	1.531	0.374	1/2																
1 5/8	AELPL207-106W3	1 13/16	6 3/16	5	1 7/8	2 1/8	2 1/8	2 1/8	3 9/16	2 1/8	1.531	0.374	1/2																
1 7/8	AELPL207-107W3	1 13/16	6 3/16	5	1 7/8	2 1/8	2 1/8	2 1/8	3 9/16	2 1/8	1.531	0.374	1/2																

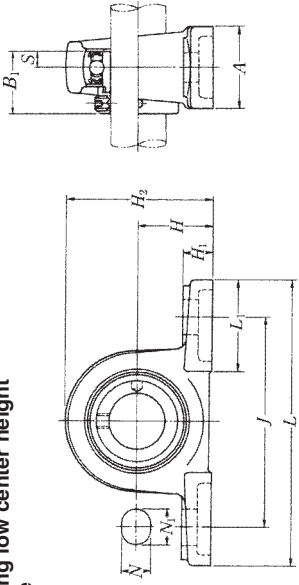
Notes (1) AELPL201 to AELPL205 has solid base.

(2) If relubricatable type is needed, please order with suffix "D1".

Bearing number	Housing number	Mass of unit	
		kg	lb
AEL201W3	PL201	0.5	
AEL201-008W3	PL201	1.1	
AEL202W3	PL201	0.5	
AEL202-009W3	PL201	1.1	
AEL202-010W3	PL201	1.1	
AEL203W3	PL201	0.5	
AEL203-011W3	PL201	1.1	
AEL204W3	PL204	0.7	
AEL204-012W3	PL204	1.5	
AEL205W3	PL205	0.8	
AEL205-013W3	PL205	1.8	
AEL205-014W3	PL205	1.8	
AEL205-015W3	PL205	1.8	
AEL205-100W3	PL205	1.3	
AEL206W3	PL206	1.3	
AEL206-101W3	PL206	2.9	
AEL206-102W3	PL206	2.9	
AEL206-103W3	PL206	2.9	
AEL206-104W3	PL206	2.9	
AEL207W3	PL207	1.6	
AEL207-104W3	PL207	3.5	
AEL207-105W3	PL207	3.5	
AEL207-106W3	PL207	3.5	
AEL207-107W3	PL207	3.5	

JELPL2

Pillow block unit, cast housing low center height
Eccentric locking collar type



Shaft dia.	Unit number (1)	Nominal dimensions														Bolt size
		mm inch														
mm inch	H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B ₁	S	H ₃	H ₄	N ₂	B ₂	mm inch
12 1/2	JELPL201W3 JELPL201-008W3	26.99 1 1/16	121 4 3/4	89 3 1/2	35 1 3/8	11 7/16	14 9/16	13 1/2	54 2 1/8	40 1 5/8	28.6 1.126	6.5 0.256				M10 3/8
15 9/16 5/8	JELPL202W3 JELPL202-009W3 JELPL202-010W3	26.99 1 1/16	121 4 3/4	89 3 1/2	35 1 3/8	11 7/16	14 9/16	13 1/2	54 2 1/8	40 1 5/8	28.6 1.126	6.5 0.256				M10 3/8
17 1 1/16	JELPL203W3 JELPL203-011W3	26.99 1 1/16	121 4 3/4	89 3 1/2	35 1 3/8	11 7/16	14 9/16	13 1/2	54 2 1/8	40 1 5/8	28.6 1.126	6.5 0.256				M10 3/8
20 3/4	JELPL204W3 JELPL204-012W3	31.75 1 1/4	127 5	95 3 3/4	38 1 1/2	13 5/8	16 9/16	14 1 1/8	64 2 5/8	42 1 3/4	31 1.220	7.5 0.295				M10 3/8
25 1 9/16 7/8 1 1/8	JELPL205W3 JELPL205-013W3 JELPL205-014W3 JELPL205-015W3 JELPL205-100W3	33.34 1 9/16	140 5 1/2	105 4 1/8	38 1 1/2	13 5/8	16 9/16	15 19/32	68 2 11/16	42 1 3/4	31 1.220	7.5 0.295				M10 3/8
30 1 1/8	JELPL206W3 JELPL206-101W3 JELPL206-102W3 JELPL206-103W3 JELPL206-104W3	39.69 1 9/16	165 6 1/2	121 4 3/4	48 1 7/8	17 21/32	20 29/32	17 21/32	80 3 1/8	54 2 1/8	35.7 1.406	9 0.354				M14 1/2
35 1 1/4	JELPL207W3 JELPL207-104W3 JELPL207-105W3 JELPL207-106W3 JELPL207-107W3	46.04 1 9/16	167 6 9/16	127 5	48 1 7/8	17 21/32	20 29/32	18 29/32	91 3 5/8	54 2 1/8	38.9 1.531	9.5 0.374				M14 1/2

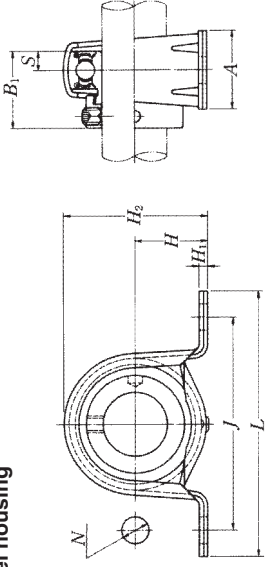
Notes (1) JELPL201 to JELPL205 have solid bases.

(2) If relubricatable type is needed, please order with suffix "D1".

Bearing number	Housing number	Mass of unit	
		kg	lb
JEL201W3 JEL201-008W3	PL201 PL201	0.5 1.1	
JEL202W3 JEL202-009W3 JEL202-010W3	PL201 PL201 PL201	0.5 1.1	
JEL203W3 JEL203-011W3	PL201 PL201	0.5 1.1	
JEL204W3 JEL204-012W3	PL204 PL204	0.7 1.5	
JEL205W3 JEL205-013W3 JEL205-014W3 JEL205-015W3 JEL205-100W3	PL205 PL205 PL205 PL205 PL205	0.8 1.8	
JEL206W3 JEL206-101W3 JEL206-102W3 JEL206-103W3 JEL206-104W3	PL206 PL206 PL206 PL206 PL206	1.3 2.9	
JEL207W3 JEL207-104W3 JEL207-105W3 JEL207-106W3 JEL207-107W3	PL207 PL207 PL207 PL207 PL207	1.6 3.5	

AELPP2

Pillow block unit, pressed steel housing Eccentric locking collar type



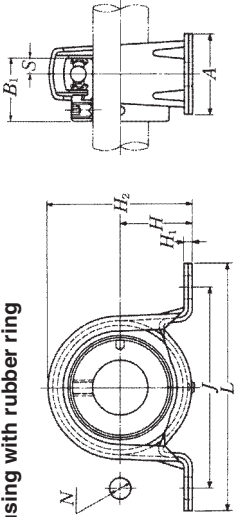
Shaft dia. mm inch	Unit number	Nominal dimensions mm inch											Bolt size	
		H	L	J	A	N	H ₁	H ₂	B ₁	S	B ₂	mm	inch	
12 1/2	AELPP201W3	22.2	86	68	25	9.5	3.2	43.8	28.6	6.5	M8	5/16		
	AELPP201-008W3	7/8	3 3/8	2 11/16	3/8	3/8	0.126	1 23/32	1.126	0.256				
15 9/16 5/8	AELPP202W3	22.2	86	68	25	9.5	3.2	43.8	28.6	6.5	M8	5/16		
	AELPP202-009W3 AELPP202-010W3	7/8	3 3/8	2 11/16	3/8	3/8	0.126	1 23/32	1.126	0.256				
17 11/16	AELPP203W3	22.2	86	68	25	9.5	3.2	43.8	28.6	6.5	M8	5/16		
	AELPP203-011W3	7/8	3 3/8	2 11/16	3/8	3/8	0.126	1 23/32	1.126	0.256				
20 3/4	AELPP204W3	25.4	98	76	32	1 1/4	3/8	50.5	31	7.5	M8	5/16		
	AELPP204-012W3	1	3 7/32	3	1 1/4	3/8	0.126	2	1.220	0.295				
25 19/16 7/8 15/16 1	AELPP205W3	28.6	108	86	32	11.5	4	56.6	31	7.5	M10			
	AELPP205-013W3													
	AELPP205-014W3	1 1/8	4 1/4	3 3/8	1 1/4	29/64	0.157	2 7/32	1.220	0.295	3/8			
	AELPP205-015W3 AELPP205-100W3													
30 1 1/8 1 1/8 1 1/8 1 1/4	AELPP206W3	33.3	117	95	38	11.5	4	66.3	35.7	9	M10			
	AELPP206-101W3													
	AELPP206-102W3	1 5/16	4 19/32	3 3/4	1 1/2	29/64	0.157	2 5/8	1.406	0.354	3/8			
	AELPP206-103W3 AELPP206-104W3													
35 1 1/4 1 5/8 1 5/8 1 7/8	AELPP207W3	39.7	129	106	42	11.5	4.6	78	38.9	9.5	M10			
	AELPP207-104W3													
	AELPP207-105W3	1 9/16	5 3/32	4 3/16	1 5/16	29/64	0.181	3 1/16	1.531	0.374	3/8			
	AELPP207-106W3 AELPP207-107W3													

Note (°) The permissible load only applies in applications where the load is stable and the speed is 2400 min⁻¹ or less. The mounting surface should be flat.

Max. load (°) recommended N lbf	Bearing number	Housing number	Mass of unit kg lb	radial axial	
				N lbf	kg lb
2 000 440	AEL201W3	PP203	0.2	800	0.2
	AEL201-008W3	PP203	0.4	160	0.4
2 000 440	AEL202W3	PP203	0.2	800	0.2
	AEL202-009W3 AEL202-010W3	PP203 PP203	0.4	160	0.4
2 000 440	AEL203W3	PP203	0.2	800	0.2
	AEL203-011W3	PP203	0.4	160	0.4
2 500 550	AEL204W3	PP204	0.3	1 000	0.3
	AEL204-012W3	PP204	0.7	200	0.7
3 500 770	AEL205W3	PP205	0.3	1 400	0.3
	AEL205-013W3	PP205			
	AEL205-014W3	PP205	0.7	280	0.7
	AEL205-015W3 AEL205-100W3	PP205 PP205			
4 000 880	AEL206W3	PP206	0.5	1 600	0.5
	AEL206-101W3	PP206			
	AEL206-102W3	PP206	1.1	320	1.1
	AEL206-103W3 AEL206-104W3	PP206 PP206			
4 500 990	AEL207W3	PP207	0.8	1 800	0.8
	AEL207-104W3	PP207			
	AEL207-105W3	PP207	1.8	360	1.8
	AEL207-106W3 AEL207-107W3	PP207 PP207			

AELRPP2

Pillow block unit, pressed steel housing with rubber ring Eccentric locking collar type



Shaft dia. mm inch	Unit number	Nominal dimensions mm inch										Bolt size	
		H	L	J	A	N	H ₁	H ₂	B ₁	S	mm	inch	
12 1/2	AELRPP201W3	25.4	98	76	32	9.5	3.2	50.5	28.6	6.5	M8		
	AELRPP201-008W3	1	3 ²⁷ / ₃₂	3	1 ¹ / ₄	3/8	0.126	2	1.126	0.256	5/16		
15 9/16 5/8	AELRPP202W3	25.4	98	76	32	9.5	3.2	50.5	28.6	6.5	M8		
	AELRPP202-009W3 AELRPP202-010W3	1	3 ²⁷ / ₃₂	3	1 ¹ / ₄	3/8	0.126	2	1.126	0.256	5/16		
17 11/16	AELRPP203W3	25.4	98	76	32	9.5	3.2	50.5	28.6	6.5	M8		
	AELRPP203-011W3	1	3 ²⁷ / ₃₂	3	1 ¹ / ₄	3/8	0.126	2	1.126	0.256	5/16		
20 3/4	AELRPP204W3	28.6	108	86	32	11.5	4	56.6	31	7.5	M10		
	AELRPP204-012W3	1 ¹ / ₈	4 ¹ / ₄	3 ³ / ₈	1 ¹ / ₄	29/64	0.157	2 ¹ / ₂	1.220	0.295	3/8		
25 19/16 7/8 15/16	AELRPP205W3	33.3	117	95	38	11.5	4	66.3	31	7.5	M10		
	AELRPP205-013W3												
	AELRPP205-014W3	1 ⁵ / ₁₆	4 ¹⁹ / ₃₂	3 ³ / ₄	1 ¹ / ₂	29/64	0.157	2 ⁵ / ₈	1.220	0.295	3/8		
	AELRPP205-015W3 AELRPP205-100W3	1											
30 1 1/16 1 1/8 1 1/16 1 1/4	AELRPP206W3	39.7	129	106	42	11.5	4.6	78	35.7	9	M10		
	AELRPP206-101W3												
	AELRPP206-102W3	1 ⁹ / ₁₆	5 ³ / ₃₂	4 ³ / ₁₆	1 ²¹ / ₃₂	29/64	0.181	3 ¹ / ₁₆	1.406	0.354	3/8		
	AELRPP206-103W3 AELRPP206-104W3	1 ¹ / ₄											

Note (1) The permissible load only applies in applications where the load is stable and the speed is 2400 min⁻¹ or less.

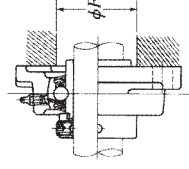
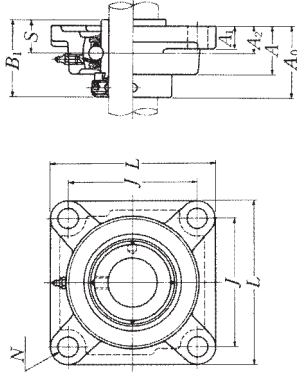
The mounting surface should be flat.

Remarks When an anti-vibration rubber ring is used, the self-alignment capability will be reduced.

Max. load (1) recommended N lbf	Bearing number	Housing number		Mass of unit kg lb
		rubber ring	steel	
1 000 200 220 40	AEL201W3	R201	PP204	0.2
	AEL201-008W3	R201	PP204	0.4
1 000 200 220 40	AEL202W3	R202	PP204	0.2
	AEL202-009W3 AEL202-010W3	R202	PP204	0.4
1 000 200 220 40	AEL203W3	R203	PP204	0.2
	AEL203-011W3	R203	PP204	0.4
1 150 200 250 40	AEL204W3	R204	PP205	0.3
	AEL204-012W3	R204	PP205	0.7
1 300 200 280 40	AEL205W3	R205	PP206	0.4
	AEL205-013W3	R205	PP206	
	AEL205-014W3	R205	PP206	0.9
	AEL205-015W3 AEL205-100W3	R205	PP206	
1 500 200 330 40	AEL206W3	R206	PP207	0.6
	AEL206-101W3 AEL206-102W3 AEL206-103W3 AEL206-104W3	R206 R206 R206 R206	PP207 PP207 PP207 PP207	1.3

UELF2

Square flanged unit, cast housing Eccentric locking collar type



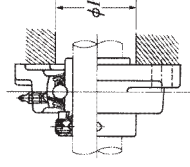
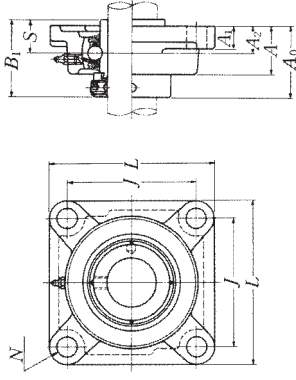
Shaft dia. mm inch	Unit number (*)	Nominal dimensions										Bolt size mm inch
		L	J	A ₂	A ₁	A	N	A ₀	B ₁	S	F _{min.}	
20 3/4	UELF204D1W3	86	64	15	11	25.5	12	41.6	43.7	17.1	34	M10
	UELF204-012D1W3	3 3/8	2 5/8	19/32	7/16	1	15/32	1 15/64	1.720	0.673	1.339	3/8
	UELF205D1W3	95	70	16	13	27	12	42.95	44.4	17.45	38	M10
	UELF205-013D1W3											
	UELF205-014D1W3											
25 1 1/8	UELF205-015D1W3	3 1/4	2 3/4	5/8	1/2	1 1/16	15/32	1 1/16	1.748	0.687	1.496	3/8
	UELF205-100D1W3											
	UELF206D1W3	108	83	18	13	31	12	48.15	48.4	18.25	45	M10
	UELF206-101D1W3											
	UELF206-102D1W3											
30 1 1/4	UELF206-103D1W3	4 1/4	3 3/8	45/64	1/2	1 7/32	15/32	1 57/64	1.906	0.719	1.772	3/8
	UELF206-104D1W3											
	UELF207D1W3	117	92	19	15	34	14	51.3	51.1	18.8	51	M12
	UELF207-104D1W3											
	UELF207-105D1W3											
40 1 1/2	UELF207-106D1W3	4 9/32	3 5/8	3/4	19/32	1 1/32	35/64	2 1/64	2.012	0.740	2.008	7/16
	UELF207-107D1W3											
	UELF208D1W3	130	102	21	15	36	16	55.9	56.3	21.4	57	M14
	UELF208-108D1W3	5 1/8	4 1/64	53/64	19/32	1 13/32	5/8	2 13/64	2.217	0.843	2.244	1/2
	UELF208-109D1W3											
45 1 3/8	UELF209D1W3	137	105	22	16	38	16	56.9	56.3	21.4	62	M14
	UELF209-110D1W3											
	UELF209-111D1W3	5 9/32	4 5/64	55/64	5/8	1 1/2	5/8	2 5/64	2.217	0.843	2.441	1/2
	UELF209-112D1W3											
	UELF210D1W3	143	111	22	16	40	16	60.1	62.7	24.6	67	M14
50 2	UELF210-113D1W3											
	UELF210-114D1W3	5 5/8	4 3/8	55/64	5/8	1 9/16	5/8	2 23/64	2.469	0.969	2.638	1/2
	UELF210-115D1W3											
	UELF210-200D1W3											

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting

Bearing number	Housing number	Mass of unit kg lb
UEL204D1W3	F204D1	0.6
UEL204-012D1W3	F204D1	1.3
UEL205D1W3	F205D1	0.9
UEL205-013D1W3	F205D1	
UEL205-014D1W3	F205D1	2.0
UEL205-015D1W3	F205D1	
UEL205-100D1W3	F205D1	
UEL206D1W3	F206D1	1.2
UEL206-101D1W3	F206D1	
UEL206-102D1W3	F206D1	2.6
UEL206-103D1W3	F206D1	
UEL206-104D1W3	F206D1	
UEL207D1W3	F207D1	1.6
UEL207-104D1W3	F207D1	
UEL207-105D1W3	F207D1	3.5
UEL207-106D1W3	F207D1	
UEL207-107D1W3	F207D1	
UEL208D1W3	F208D1	1.9
UEL208-108D1W3	F208D1	4.2
UEL208-109D1W3	F208D1	
UEL209D1W3	F209D1	2.3
UEL209-110D1W3	F209D1	
UEL209-111D1W3	F209D1	5.1
UEL209-112D1W3	F209D1	
UEL210D1W3	F210D1	2.7
UEL210-113D1W3	F210D1	
UEL210-114D1W3	F210D1	6.0
UEL210-115D1W3	F210D1	
UEL210-200D1W3	F210D1	

UELF2

Square flanged unit, cast housing Eccentric locking collar type



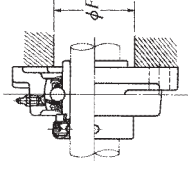
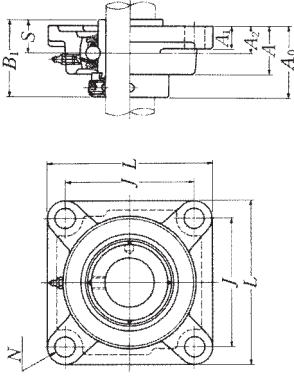
Shaft dia. mm inch	Unit number (*)	Nominal dimensions										Bolt size mm inch
		L	J	A ₂	A ₁	A	N	A ₀	B ₁	S	F _{min.}	
55 2 2 1/16 2 1/8 2 3/16	UELF211D1W3	162	130	25	18	43	19	68.65	71.4	27.75	73	M16
	UELF211-200D1W3											
	UELF211-201D1W3	6 3/8	5 1/8	63/64	23/32	1 11/16	3/4	2 5/64	2.811	1.093	2.874	5/8
	UELF211-202D1W3											
UELF211-203D1W3												
60 2 1/4 2 3/16 2 3/8 2 7/16	UELF212D1W3	175	143	29	18	48	19	75.85	77.8	30.95	81	M16
	UELF212-204D1W3											
	UELF212-205D1W3	6 7/8	5 5/8	1 9/64	23/32	1 1/8	3/4	2 63/64	3.063	1.219	3.189	5/8
	UELF212-206D1W3											
UELF212-207D1W3												
65 2 1/2 2 5/8 2 7/8	UELF213D1W3	187	149	30	22	50	19	81.55	85.7	34.15	87	M16
	UELF213-208D1W3											
	UELF213-209D1W3	7 3/8	5 5/64	1 3/16	7/8	1 31/32	3/4	3 3/64	3.374	1.344	3.425	5/8
	UELF213-209D1W3											
70 2 3/8 2 1/2 2 3/4	UELF214D1W3	193	152	31	22	54	19	82.55	85.7	34.15	91	M16
	UELF214-210D1W3											
	UELF214-211D1W3	7 7/8	5 5/64	1 7/32	7/8	2 1/8	3/4	3 1/4	3.374	1.344	3.583	5/8
	UELF214-212D1W3											
75 2 3/4 2 7/8 2 15/8 3	UELF215D1W3	200	159	34	22	56	19	88.7	92	37.3	97	M16
	UELF215-213D1W3											
	UELF215-214D1W3	7 7/8	6 7/64	1 11/32	7/8	2 7/32	3/4	3 3/64	3.622	1.469	3.819	5/8
	UELF215-215D1W3											
UELF215-300D1W3												

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UEL211D1W3	F211D1	3.6
UEL211-200D1W3	F211D1	
UEL211-201D1W3	F211D1	7.9
UEL211-202D1W3	F211D1	
UEL211-203D1W3	F211D1	
UEL212D1W3	F212D1	4.2
UEL212-204D1W3	F212D1	
UEL212-205D1W3	F212D1	9.3
UEL212-206D1W3	F212D1	
UEL212-207D1W3	F212D1	
UEL213D1W3	F213D1	6.1
UEL213-208D1W3	F213D1	13
UEL213-209D1W3	F213D1	
UEL214D1W3	F214D1	6.6
UEL214-210D1W3	F214D1	
UEL214-211D1W3	F214D1	15
UEL214-212D1W3	F214D1	
UEL215D1W3	F215D1	6.9
UEL215-213D1W3	F215D1	
UEL215-214D1W3	F215D1	15
UEL215-215D1W3	F215D1	
UEL215-300D1W3	F215D1	

UELF3

Square flanged unit, cast housing Eccentric locking collar type



Shaft dia. mm inch	Unit number (1)(2)	Nominal dimensions										Bolt size mm inch	
		L	J	A ₂	A ₁	A	N	A ₀	B ₁	S	F		min.
25 19/16 3/8 19/16 1	UELF305D1W3	110	80	16	13	29	16	16	46.1	46.8	16.7	41	M14
	UELF305-013D1W3												
	UELF305-014D1W3	4 1/2	3 5/8	5/8	1/2	1 5/32	5/8	1 13/16	1.843	0.657	1.614	1/2	
	UELF305-015D1W3												
30 1 1/16 1 1/8 1 1/8 1 3/16	UELF306D1W3	125	95	18	15	32	16	16	50.5	50	17.5	49	M14
	UELF306-101D1W3												
	UELF306-102D1W3	4 20/32	3 47/64	45/64	19/32	1 1/4	5/8	1 58/64	1.969	0.689	1.929	1/2	
	UELF306-103D1W3												
35 1 1/4 1 5/16 1 5/8 1 7/8	UELF307D1W3	135	100	20	16	36	19	19	53.3	51.6	18.3	—	M16
	UELF307-104D1W3												
	UELF307-105D1W3	5 5/16	3 5/16	20/32	5/8	1 13/32	3/4	2 3/32	2.031	0.720	—	5/8	
	UELF307-106D1W3												
40 1 1/2 1 5/8 1 7/8	UELF308D1W3	150	112	23	17	40	19	19	60.3	57.1	19.8	—	M16
	UELF308-108D1W3												
	UELF308-109D1W3	5 20/32	4 13/32	20/32	21/32	1 9/16	3/4	2 3/8	2.248	0.780	—	5/8	
	UELF308-109D1W3												
45 1 5/8 1 11/16 1 3/4	UELF309D1W3	160	125	25	18	44	19	19	63.9	58.7	19.8	—	M16
	UELF309-110D1W3												
	UELF309-111D1W3	6 5/16	4 49/64	63/64	29/32	1 23/32	3/4	2 39/64	2.311	0.780	—	5/8	
	UELF309-112D1W3												
50 1 3/4 1 7/8 1 15/8	UELF310D1W3	175	132	28	19	48	23	23	70	66.6	24.6	—	M20
	UELF310-113D1W3												
	UELF310-114D1W3	6 7/8	5 5/8	1 7/8	3/4	1 7/8	29/32	2 3/4	2.622	0.969	—	3/4	
	UELF310-115D1W3												

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

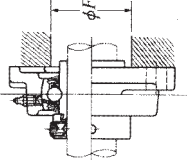
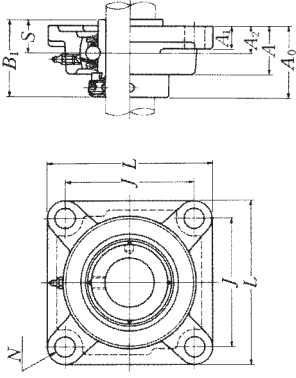
(2) Inner race does not protrude from the housing face except UELF305 and UELF316.

Remarks Please refer to page A21 for size of grease fitting

Bearing number	Housing number	Mass of unit kg lb
UELF305-013D1W3	F305D1	
UELF305-014D1W3	F305D1	2.6
UELF305-015D1W3	F305D1	
UELF305-100D1W3	F305D1	
UELF306D1W3	F306D1	1.8
UELF306-101D1W3	F306D1	
UELF306-102D1W3	F306D1	4.0
UELF306-103D1W3	F306D1	
UELF307D1W3	F307D1	2.2
UELF307-104D1W3	F307D1	
UELF307-105D1W3	F307D1	4.9
UELF307-106D1W3	F307D1	
UELF307-107D1W3	F307D1	
UELF308D1W3	F308D1	2.9
UELF308-108D1W3	F308D1	6.4
UELF308-109D1W3	F308D1	
UELF309D1W3	F309D1	3.6
UELF309-110D1W3	F309D1	
UELF309-111D1W3	F309D1	7.9
UELF309-112D1W3	F309D1	
UELF310D1W3	F310D1	4.6
UELF310-113D1W3	F310D1	
UELF310-114D1W3	F310D1	10
UELF310-115D1W3	F310D1	

UELF3

Square flanged unit, cast housing Eccentric locking collar type



Shaft dia. mm inch	Unit number (1)(2)	Nominal dimensions										Bolt size mm inch
		L	J	A ₂	A ₁	A	N	A ₀	B ₁	S	F	
55	UELF311D1W3	185	140	30	20	52	23	75.2	73	27.8	—	M20
	UELF311-200D1W3											
	UELF311-201D1W3	7 ⁹ / ₃₂	5 ³ / ₆₄	1 ³ / ₁₆	2 ⁵ / ₃₂	2 ¹ / ₁₆	2 ⁹ / ₃₂	2 ⁹ / ₆₄	2.874	1.094	—	3/4
	UELF311-202D1W3											
60	UELF312D1W3	195	150	33	22	56	23	81.45	79.4	30.95	—	M20
	UELF312-204D1W3											
	UELF312-205D1W3	7 ¹¹ / ₁₆	5 ⁵ / ₃₂	1 ⁹ / ₆₄	7/8	2 ⁷ / ₃₂	2 ⁹ / ₃₂	3 ¹³ / ₆₄	3.126	1.219	—	3/4
	UELF312-206D1W3											
65	UELF313D1W3	208	166	33	22	58	23	86.15	85.7	32.55	93	M20
	UELF313-208D1W3	8 ³ / ₁₆	6 ⁷ / ₃₂	1 ¹⁹ / ₆₄	7/8	2 ³ / ₃₂	2 ⁹ / ₃₂	3 ²⁵ / ₆₄	3.374	1.281	3.661	3/4
	UELF313-209D1W3											
	UELF313-209D1W3											
70	UELF314D1W3	226	178	36	25	61	25	93.95	92.1	34.15	—	M22
	UELF314-210D1W3											
	UELF314-211D1W3	8 ²⁹ / ₃₂	6 ⁵ / ₆₄	1 ²⁷ / ₆₄	3 ¹ / ₃₂	2 ¹³ / ₃₂	2 ⁹ / ₆₄	3 ⁴⁵ / ₆₄	3.626	1.344	—	7/8
	UELF314-212D1W3											
75	UELF315D1W3	236	184	39	25	66	25	101.7	100	37.3	106	M22
	UELF315-213D1W3											
	UELF315-214D1W3	9 ⁹ / ₃₂	7 ¹ / ₄	1 ¹⁷ / ₃₂	3 ¹ / ₃₂	2 ¹⁹ / ₃₂	2 ⁹ / ₆₄	4	3.937	1.469	4.173	7/8
	UELF315-215D1W3											
80	UELF315-300D1W3											
	UELF316D1W3	250	196	38	27	68	31	103.9	106.4	40.5	112	M27
	UELF316-301D1W3											
	UELF316-302D1W3	9 ²⁷ / ₃₂	7 ²³ / ₃₂	1 ¹ / ₂	1 ¹ / ₁₆	2 ¹ / ₁₆	1 ⁷ / ₃₂	4 ³ / ₃₂	4.189	1.594	4.409	1
UELF316-303D1W3												

Notes (1) These numbers indicate relubricatable type, if maintenance free type is needed, please order without suffix "D1".

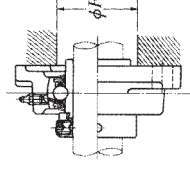
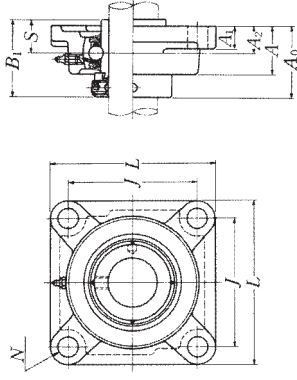
(2) Inner race does not protrude from the housing face except UELF305 and UELF316.

Remarks Please refer to page A21 for size of grease fitting

Bearing number	Housing number	Mass of unit kg lb
UEL311D1W3	F311D1	5.6
UEL311-200D1W3	F311D1	
UEL311-201D1W3	F311D1	12
UEL311-202D1W3	F311D1	
UEL311-203D1W3	F311D1	
UEL312D1W3	F312D1	6.7
UEL312-204D1W3	F312D1	
UEL312-205D1W3	F312D1	15
UEL312-206D1W3	F312D1	
UEL312-207D1W3	F312D1	
UEL313D1W3	F313D1	8.4
UEL313-208D1W3	F313D1	19
UEL313-209D1W3	F313D1	
UEL314D1W3	F314D1	10
UEL314-210D1W3	F314D1	
UEL314-211D1W3	F314D1	22
UEL314-212D1W3	F314D1	
UEL315D1W3	F315D1	12
UEL315-213D1W3	F315D1	
UEL315-214D1W3	F315D1	26
UEL315-215D1W3	F315D1	
UEL315-300D1W3	F315D1	
UEL316D1W3	F316D1	15
UEL316-301D1W3	F316D1	33
UEL316-302D1W3	F316D1	
UEL316-303D1W3	F316D1	

UELF3

Square flanged unit, cast housing Eccentric locking collar type



Shaft dia. mm inch	Unit number (1)(2)	Nominal dimensions										Bolt size	
		L	J	A ₂	A ₁	A	N	A ₀	B ₁	S	F	mm	inch
85	UELF317D1W3	260	204	44	27	74	31	111.45	109.5	42.05	119	M27	
3/4	UELF317-304D1W3												
3 3/16	UELF317-305D1W3	10 1/4	8 1/32	1 7/64	1 1/16	2 29/32	1 7/32	4 29/64	4.311	1.656	4.685	1	
3 3/16	UELF317-307D1W3												
90	UELF318D1W3	280	216	44	30	76	35	116.25	115.9	43.65	125	M30	
3 7/16	UELF318-307D1W3												
3 1/2	UELF318-308D1W3	11 1/32	8 1/2	1 47/64	1 3/8	3	1 3/8	4 57/64	4.563	1.719	4.921	1 1/8	
95	UELF319D1W3	290	228	59	30	94	35	142.4	122.3	38.9	—	M30	
3 5/8	UELF319-310D1W3												
3 11/16	UELF319-311D1W3	11 13/32	8 33/32	2 23/64	1 3/8	3 11/16	1 3/8	5 39/64	4.815	1.531	—	1 1/8	
3 3/4	UELF319-312D1W3												
100	UELF320D1W3	310	242	59	32	94	38	137.6	128.6	50	—	M33	
3 9/16	UELF320-313D1W3												
3 11/16	UELF320-314D1W3												
3 15/16	UELF320-315D1W3	12 7/32	9 7/32	2 21/64	1 1/4	3 11/16	1 1/2	5 27/64	5.063	1.969	—	1 1/4	
4	UELF320-400D1W3												
105	UELF321D1W3	310	242	59	32	94	38	150.3	139.7	48.4	—	M33	
110	UELF322D1W3	340	266	60	35	96	41	152.1	141.3	49.2	—	M36	

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

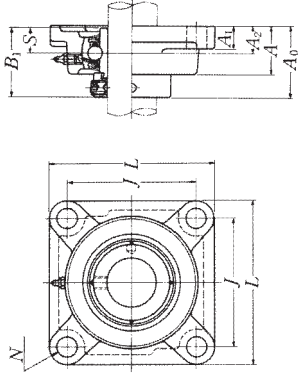
(2) Inner race does not protrude from the housing face except UELF305 and UELF316.

Remarks Please refer to page A21 for size of grease fitting

Bearing number	Housing number	Mass of unit kg lb
UEL317D1W3	F317D1	16
UEL317-304D1W3	F317D1	
UEL317-305D1W3	F317D1	35
UEL317-307D1W3	F317D1	
UEL318D1W3	F318D1	20
UEL318-308D1W3	F318D1	
UEL318-308D1W3	F318D1	44
UEL319D1W3	F319D1	24
UEL319-310D1W3	F319D1	
UEL319-311D1W3	F319D1	53
UEL319-312D1W3	F319D1	
UEL320D1W3	F320D1	29
UEL320-313D1W3	F320D1	
UEL320-314D1W3	F320D1	64
UEL320-315D1W3	F320D1	
UEL320-400D1W3	F320D1	
UEL321D1W3	F321D1	28
UEL322D1W3	F322D1	37

UELFU2

Square flanged unit, cast housing
Eccentric locking collar type



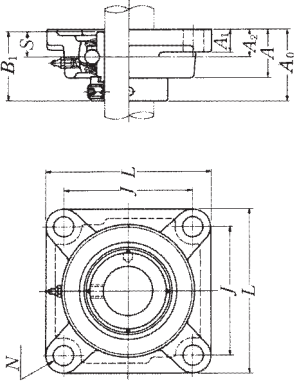
Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch										Bolt size	
		L	J	A ₃	A ₁	A	N	A ₀	B ₁	S	mm	inch	
20 3/4	UELFU204D1W3	86	63.5	19	15	29.5	11.5	45.6	43.7	17.1	M10	3/8	
	UELFU204-012D1W3	3 3/8	2 1/2	3/4	1 5/8	1 5/8	29/64	1 5/8	1 5/8	1.720	0.673	3/8	
	UELFU205D1W3	96	70	19	15	30	11.5	45.95	44.4	17.45	M10		
	UELFU205-013D1W3												
	UELFU205-014D1W3												
25 1 1/8	UELFU205-015D1W3	3 5/8	2 3/4	3/4	1 9/16	1 9/16	29/64	1 9/16	1 9/16	1.748	0.687	3/8	
	UELFU205-100D1W3												
	UELFU206D1W3	109	82.5	20	16	33	11.5	50.15	48.4	18.25	M10		
	UELFU206-101D1W3												
	UELFU206-102D1W3												
35 1 1/4	UELFU206-103D1W3	4 9/32	3 1/4	25/32	5/8	1 5/16	29/64	1 9/16	1 9/16	1.906	0.719	3/8	
	UELFU206-104D1W3												
	UELFU207D1W3	118	92	21	17	36	14	53.3	51.1	18.8	M12		
	UELFU207-104D1W3												
	UELFU207-105D1W3												
40 1 1/2	UELFU207-106D1W3	4 21/32	3 5/8	59/64	21/32	1 9/16	38/64	2 3/32	2 3/32	2.012	0.740	1/2	
	UELFU207-107D1W3												
	UELFU208D1W3	131	101.5	24	17	39	14	58.9	56.3	21.4	M12		
	UELFU208-108D1W3												
	UELFU208-109D1W3												
45 1 3/8	UELFU209D1W3	137	105	24	18	40	16	58.9	56.3	21.4	M14		
	UELFU209-10D1W3												
	UELFU209-111D1W3												
	UELFU209-112D1W3												
	UELFU210D1W3	144	111	28	20	46	18	66.1	62.7	24.6	M16		
50 2	UELFU210-13D1W3												
	UELFU210-14D1W3												
	UELFU210-15D1W3												
	UELFU210-200D1W3												

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UEL204D1W3	FU204D1	0.8
UEL204-012D1W3	FU204D1	1.8
UEL205D1W3	FU205D1	1.0
UEL205-013D1W3	FU205D1	
UEL205-014D1W3	FU205D1	
UEL205-015D1W3	FU205D1	2.2
UEL205-100D1W3	FU205D1	
UEL206D1W3	FU206D1	1.4
UEL206-101D1W3	FU206D1	
UEL206-102D1W3	FU206D1	
UEL206-103D1W3	FU206D1	3.1
UEL206-104D1W3	FU206D1	
UEL207D1W3	FU207D1	1.7
UEL207-104D1W3	FU207D1	
UEL207-105D1W3	FU207D1	
UEL207-106D1W3	FU207D1	3.7
UEL207-107D1W3	FU207D1	
UEL208D1W3	FU208D1	2.2
UEL208-108D1W3	FU208D1	
UEL208-109D1W3	FU208D1	4.9
UEL209D1W3	FU209D1	2.4
UEL209-110D1W3	FU209D1	
UEL209-111D1W3	FU209D1	5.3
UEL209-112D1W3	FU209D1	
UEL210D1W3	FU210D1	2.9
UEL210-113D1W3	FU210D1	
UEL210-114D1W3	FU210D1	
UEL210-115D1W3	FU210D1	6.4
UEL210-200D1W3	FU210D1	

UELFU2

Square flanged unit, cast housing
Eccentric locking collar type



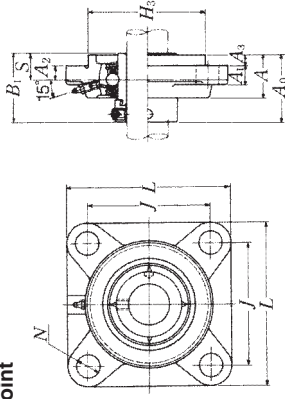
Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch										Bolt size	
		L	J	A ₂	A ₁	A	N	A ₀	B ₁	S	mm	inch	
55 2 2 ¹ / ₁₆ 2 ¹ / ₈ 2 ³ / ₁₆	UELFU211D1W3	163	130	31	21	49	18	74.65	71.4	27.75	M16		
	UELFU211-200D1W3												
	UELFU211-201D1W3	6 ¹³ / ₃₂	5 ¹ / ₈	1 ⁷ / ₃₂	1 ¹⁵ / ₁₆	4 ⁵ / ₆₄	2 ¹⁵ / ₁₆	2.811	1.093	5/ ₈			
	UELFU211-202D1W3												
60 2 ¹ / ₄ 2 ⁵ / ₁₆ 2 ³ / ₈ 2 ⁷ / ₁₆	UELFU212D1W3	175	143	34	21	53	18	80.85	77.8	30.95	M16		
	UELFU212-204D1W3												
	UELFU212-205D1W3	6 ⁷ / ₈	5 ⁵ / ₈	1 ¹¹ / ₃₂	1 ¹³ / ₁₆	2 ³ / ₃₂	4 ⁵ / ₆₄	3.063	1.219	5/ ₈			
	UELFU212-206D1W3												
65 2 ¹ / ₂ 2 ⁵ / ₁₆	UELFU213D1W3	187	149	38	22	59	20.5	89.55	85.7	34.15	M18		
	UELFU213-208D1W3												
	UELFU213-209D1W3	7 ³ / ₈	5 ⁵⁵ / ₆₄	1 ¹ / ₂	7/ ₈	2 ⁵ / ₁₆	1 ¹³ / ₁₆	3 ¹⁷ / ₃₂	1.344	1.344	5/ ₈		
	UELFU213-210D1W3												
70 2 ⁵ / ₈ 2 ¹ / ₂ 2 ³ / ₄	UELFU214D1W3	193	152	38	22	62	20.5	89.55	85.7	34.15	M18		
	UELFU214-210D1W3												
	UELFU214-211D1W3	7 ¹⁹ / ₃₂	5 ⁶³ / ₆₄	1 ¹ / ₂	7/ ₈	2 ⁷ / ₁₆	1 ¹³ / ₁₆	3 ¹⁷ / ₃₂	1.344	1.344	5/ ₈		
	UELFU214-212D1W3												
75 2 ³ / ₄ 2 ¹ / ₂ 2 ⁵ / ₈ 3	UELFU215D1W3	200	159	41	22	64	20.5	95.7	92	37.3	M18		
	UELFU215-213D1W3												
	UELFU215-214D1W3	7 ⁷ / ₈	6 ³⁷ / ₆₄	1 ³⁹ / ₆₄	7/ ₈	2 ³⁹ / ₆₄	1 ¹³ / ₁₆	3 ⁴⁹ / ₆₄	1.469	1.469	5/ ₈		
	UELFU215-215D1W3												

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UEL211D1W3	FU211D1	3.9
UEL211-200D1W3	FU211D1	
UEL211-201D1W3	FU211D1	8.6
UEL211-202D1W3	FU211D1	
UEL211-203D1W3	FU211D1	
UEL212D1W3	FU212D1	4.7
UEL212-204D1W3	FU212D1	
UEL212-205D1W3	FU212D1	10
UEL212-206D1W3	FU212D1	
UEL212-207D1W3	FU212D1	
UEL213D1W3	FU213D1	6.3
UEL213-208D1W3	FU213D1	14
UEL213-209D1W3	FU213D1	
UEL214D1W3	FU214D1	6.7
UEL214-210D1W3	FU214D1	
UEL214-211D1W3	FU214D1	15
UEL214-212D1W3	FU214D1	
UEL215D1W3	FU215D1	7.0
UEL215-213D1W3	FU215D1	
UEL215-214D1W3	FU215D1	15
UEL215-215D1W3	FU215D1	
UEL215-300D1W3	FU215D1	

UELFS3

Square flanged unit, cast housing with spigot joint
Eccentric locking collar type



Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch											Bolt size mm inch
		L	J	A ₂	N	A ₃	A ₁	A	H ₃	A ₀	B ₁	S	
25 1 ⁹ / ₁₆ 1 ¹ / ₈ 1 ⁵ / ₁₆ 1	UELFS305D1W3	110	80	9	16	7	13	29	80	46.1	46.8	16.7	M14
	UELFS305-013D1W3												
	UELFS305-014D1W3	4 ¹ / ₃₂	3 ⁵ / ₃₂	23/ ₆₄	5/ ₈	9/ ₃₂	1/ ₂	1 ⁹ / ₆₄	3.1496	1 ¹³ / ₁₆	1.843	0.657	1/2
	UELFS305-015D1W3												
	1												
30 1 ¹ / ₈ 1 ¹ / ₂ 1 ³ / ₈ 1 ⁷ / ₁₆	UELFS306D1W3	125	95	10	16	8	15	32	90	50.5	50	17.5	M14
	UELFS306-101D1W3												
	UELFS306-102D1W3	4 ²⁹ / ₃₂	3 ¹⁷ / ₆₄	25/ ₆₄	5/ ₈	5/ ₁₆	19/ ₃₂	1 ¹⁷ / ₆₄	3.5433	1 ⁴⁸ / ₆₄	1.969	0.689	1/2
	UELFS306-103D1W3												
35 1 ¹ / ₄ 1 ⁵ / ₈ 1 ³ / ₂ 1 ⁷ / ₈	UELFS307D1W3	135	100	11	19	9	16	36	100	53.3	51.6	18.3	M16
	UELFS307-104D1W3												
	UELFS307-105D1W3	5 ⁵ / ₁₆	3 ¹⁵ / ₁₆	7/ ₁₆	3/ ₄	23/ ₆₄	5/ ₈	1 ¹⁹ / ₃₂	3.9370	2 ³ / ₃₂	2.031	0.720	5/8
	UELFS307-106D1W3												
	1												
40 1 ¹ / ₂ 1 ³ / ₄ 1 ⁷ / ₈ 1 ¹⁵ / ₁₆	UELFS308D1W3	150	112	13	19	10	17	40	115	60.3	57.1	19.8	M16
	UELFS308-108D1W3	5 ²⁹ / ₃₂	4 ¹³ / ₃₂	39/ ₆₄	3/ ₄	25/ ₆₄	2/ ₃₂	1 ⁹ / ₁₆	4.5276	2 ³ / ₈	2.248	0.780	5/8
	UELFS308-109D1W3												
	UELFS308-109D1W3												
45 1 ⁵ / ₈ 1 ¹¹ / ₁₆ 1 ³ / ₂ 1 ¹³ / ₈	UELFS309D1W3	160	125	14	19	11	18	44	125	63.9	58.7	19.8	M16
	UELFS309-110D1W3												
	UELFS309-111D1W3	6 ⁵ / ₁₆	4 ⁹ / ₆₄	35/ ₆₄	3/ ₄	7/ ₁₆	29/ ₃₂	1 ⁴ / ₆₄	4.9213	2 ⁵⁹ / ₆₄	2.311	0.780	5/8
	UELFS309-112D1W3												
50 1 ³ / ₄ 1 ⁷ / ₈ 1 ¹⁵ / ₁₆ 1 ¹ / ₂	UELFS310D1W3	175	132	16	23	12	19	48	140	70	66.6	24.6	M20
	UELFS310-113D1W3												
	UELFS310-114D1W3	6 ⁷ / ₈	5 ¹³ / ₆₄	5/ ₈	29/ ₃₂	15/ ₃₂	3/ ₄	1 ⁵⁷ / ₆₄	5.5118	2 ³ / ₄	2.622	0.969	3/4
	UELFS310-115D1W3												

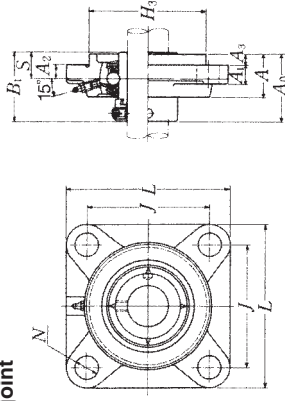
Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UEL305D1W3	FS305D1	1.3
UEL305-013D1W3	FS305D1	
UEL305-014D1W3	FS305D1	2.9
UEL305-015D1W3	FS305D1	
UEL305-100D1W3	FS305D1	
UEL306D1W3	FS306D1	1.9
UEL306-101D1W3	FS306D1	
UEL306-102D1W3	FS306D1	4.2
UEL306-103D1W3	FS306D1	
UEL307D1W3	FS307D1	2.3
UEL307-104D1W3	FS307D1	
UEL307-105D1W3	FS307D1	5.1
UEL307-106D1W3	FS307D1	
UEL307-107D1W3	FS307D1	
UEL308D1W3	FS308D1	3.3
UEL308-108D1W3	FS308D1	7.3
UEL308-109D1W3	FS308D1	
UEL309D1W3	FS309D1	4.0
UEL309-110D1W3	FS309D1	
UEL309-111D1W3	FS309D1	8.8
UEL309-112D1W3	FS309D1	
UEL310D1W3	FS310D1	5.2
UEL310-113D1W3	FS310D1	
UEL310-114D1W3	FS310D1	11
UEL310-115D1W3	FS310D1	

UELFS3

Square flanged unit, cast housing with spigot joint
Eccentric locking collar type



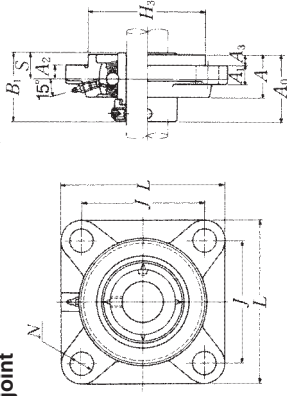
Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch										Bolt size mm inch	
		L	J	A ₂	N	A ₃	A ₁	A	H ₃	A ₀	B ₁		S
55	UELFS311D1W3	185	140	17	23	13	20	52	150	75.2	73	27.8	M20
2	UELFS311-200D1W3												
2 ¹ / ₁₆	UELFS311-201D1W3	7 ⁹ / ₃₂	5 ³³ / ₆₄	43 ³ / ₆₄	29 ²⁹ / ₃₂	33 ³³ / ₆₄	25 ²⁵ / ₃₂	2 ³ / ₆₄	5.9055	2 ⁹ / ₆₄	2.874	1.094	3 ³ / ₄
2 ¹ / ₈	UELFS311-202D1W3												
2 ³ / ₁₆	UELFS311-203D1W3												
60	UELFS312D1W3	195	150	19	23	14	22	56	160	81.45	79.4	30.95	M20
2 ¹ / ₄	UELFS312-204D1W3												
2 ⁵ / ₁₆	UELFS312-205D1W3	7 ¹¹ / ₁₆	5 ⁹ / ₃₂	3 ³ / ₄	29 ²⁹ / ₃₂	35 ³⁵ / ₆₄	7 ⁷ / ₈	2 ³ / ₁₆	6.2992	3 ³ / ₆₄	3.126	1.219	3 ³ / ₄
2 ³ / ₈	UELFS312-206D1W3												
2 ¹ / ₂	UELFS312-207D1W3												
65	UELFS313D1W3	208	166	15	23	18	22	58	175	86.15	85.7	32.55	M20
2 ¹ / ₂	UELFS313-208D1W3	8 ³ / ₁₆	6 ¹⁷ / ₃₂	19 ¹⁹ / ₃₂	29 ²⁹ / ₃₂	45 ⁴⁵ / ₆₄	7 ⁷ / ₈	2 ³ / ₃₂	6.8898	3 ²⁹ / ₆₄	3.374	1.281	3 ³ / ₄
2 ¹ / ₈	UELFS313-209D1W3												
70	UELFS314D1W3	226	178	18	25	18	25	61	185	93.95	92.1	34.15	M22
2 ⁵ / ₈	UELFS314-210D1W3												
2 ¹ / ₂	UELFS314-211D1W3	8 ²⁹ / ₃₂	7 ¹ / ₆₄	45 ⁴⁵ / ₆₄	65 ⁶⁵ / ₆₄	45 ⁴⁵ / ₆₄	3 ³ / ₃₂	2 ⁵ / ₃₂	7.2835	3 ⁴⁵ / ₆₄	3.626	1.344	7 ⁷ / ₈
2 ³ / ₄	UELFS314-212D1W3												
75	UELFS315D1W3	236	184	21	25	18	25	66	200	101.7	100	37.3	M22
2 ³ / ₈	UELFS315-213D1W3												
2 ¹ / ₂	UELFS315-214D1W3	9 ⁹ / ₃₂	7 ¹ / ₃₂	53 ⁵³ / ₆₄	69 ⁶⁹ / ₆₄	45 ⁴⁵ / ₆₄	3 ³ / ₃₂	2 ¹ / ₃₂	7.8740	4	3.937	1.469	7 ⁷ / ₈
2 ¹ / ₈	UELFS315-215D1W3												
3	UELFS315-300D1W3												
80	UELFS316D1W3	250	196	18	31	20	27	68	210	103.9	106.4	40.5	M27
3 ¹ / ₁₆	UELFS316-301D1W3												
3 ¹ / ₈	UELFS316-302D1W3	9 ²⁷ / ₃₂	7 ²³ / ₃₂	45 ⁴⁵ / ₆₄	1 ¹ / ₃₂	25 ²⁵ / ₃₂	1 ¹ / ₁₆	2 ⁹ / ₆₄	8.2677	4 ³ / ₃₂	4.189	1.594	1
3 ³ / ₁₆	UELFS316-303D1W3												

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UEL311D1W3	FS311D1	6.2
UEL311-200D1W3	FS311D1	
UEL311-201D1W3	FS311D1	14
UEL311-202D1W3	FS311D1	
UEL311-203D1W3	FS311D1	
UEL312D1W3	FS312D1	7.4
UEL312-204D1W3	FS312D1	
UEL312-205D1W3	FS312D1	16
UEL312-206D1W3	FS312D1	
UEL312-207D1W3	FS312D1	
UEL313D1W3	FS313D1	9.0
UEL313-208D1W3	FS313D1	20
UEL313-209D1W3	FS313D1	
UEL314D1W3	FS314D1	11
UEL314-210D1W3	FS314D1	
UEL314-211D1W3	FS314D1	24
UEL314-212D1W3	FS314D1	
UEL315D1W3	FS315D1	13
UEL315-213D1W3	FS315D1	
UEL315-214D1W3	FS315D1	29
UEL315-215D1W3	FS315D1	
UEL315-300D1W3	FS315D1	
UEL316D1W3	FS316D1	16
UEL316-301D1W3	FS316D1	
UEL316-302D1W3	FS316D1	35
UEL316-303D1W3	FS316D1	

UELFS3

Square flanged unit, cast housing with spigot joint Eccentric locking collar type



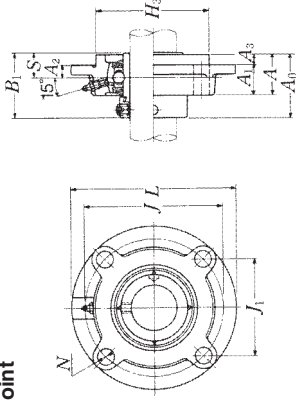
Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch										Bolt size mm inch	
		L	J	A ₂	N	A ₃	A ₁	A	H ₃	A ₀	B ₁		S
85	UELFS317D1W3	260	204	24	31	20	27	74	220	111.45	109.5	42.05	M27
3/4	UELFS317-304D1W3												
3 3/16	UELFS317-305D1W3	10 1/4	8 1/32	15/16	1 7/32	25/32	1 1/16	2 29/32	8.6614	4 29/64	4.311	1.656	1
3 7/16	UELFS317-307D1W3												
90	UELFS318D1W3	280	216	24	35	20	30	76	240	116.25	115.9	43.65	M30
3 7/16	UELFS318-307D1W3												
3 1/2	UELFS318-308D1W3	11 1/32	8 1/2	15/16	1 3/8	25/32	1 3/16	2 83/64	9.4488	4 37/64	4.563	1.719	1 1/8
95	UELFS319D1W3	290	228	39	35	20	30	94	250	142.4	122.3	38.9	M30
3 5/8	UELFS319-310D1W3												
3 11/16	UELFS319-311D1W3	11 13/32	8 31/32	1 17/32	1 3/8	25/32	1 3/16	3 45/64	9.8425	5 39/64	4.815	1.531	1 1/8
3 3/4	UELFS319-312D1W3												
100	UELFS320D1W3	310	242	39	38	20	32	94	260	137.6	128.6	50	M33
3 3/16	UELFS320-313D1W3												
3 5/8	UELFS320-314D1W3												
3 15/16	UELFS320-315D1W3	12 1/32	9 17/32	1 17/32	1 1/2	25/32	1 1/4	3 45/64	10.2362	5 27/64	5.063	1.969	1 1/4
4	UELFS320-400D1W3												
105	UELFS321D1W3	310	242	39	38	20	32	94	260	150.3	139.7	48.4	M33
110	UELFS322D1W3	340	266	35	41	25	35	96	300	152.1	141.3	49.2	M36

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UEL317D1W3	FS317D1	18
UEL317-304D1W3	FS317D1	
UEL317-305D1W3	FS317D1	40
UEL317-307D1W3	FS317D1	
UEL318D1W3	FS318D1	22
UEL318-307D1W3	FS318D1	
UEL318-308D1W3	FS318D1	49
UEL319D1W3	FS319D1	26
UEL319-310D1W3	FS319D1	
UEL319-311D1W3	FS319D1	57
UEL319-312D1W3	FS319D1	
UEL320D1W3	FS320D1	31
UEL320-313D1W3	FS320D1	
UEL320-314D1W3	FS320D1	68
UEL320-315D1W3	FS320D1	
UEL320-400D1W3	FS320D1	
UEL321D1W3	FS321D1	31
UEL322D1W3	FS322D1	41

UELFC2

Round flanged unit, cast housing with spigot joint
Eccentric locking collar type



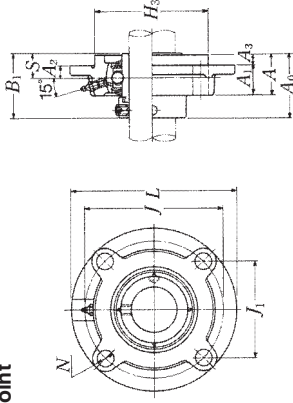
Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch													Bolt size mm inch
		L	J	(J ₁)	A ₂	A ₃	N	A ₁	A	H ₃	A ₀	B ₁	S		
20 3/4	UELFC2040D1W3	100	78	55.2	10	12	5	20.5	25.5	62	41.6	43.7	17.1	M10	
	UELFC204-012D1W3	3 ¹⁵ / ₁₆	3 ³ / ₁₆	2 ¹ / ₁₆	2 ⁵ / ₁₆	1 ¹⁵ / ₁₆	1 ¹³ / ₁₆	1 ¹⁹ / ₁₆	1	2.4409	1 ⁴¹ / ₆₄	1.720	0.673	3/8	
25 19/16 7/8 18/16 1	UELFC2050D1W3	115	90	63.6	10	12	6	21	27	70	42.95	44.4	17.45	M10	
	UELFC205-013D1W3	4 ¹³ / ₁₆	3 ⁹ / ₁₆	2 ¹ / ₂	2 ⁵ / ₁₆	1 ¹⁵ / ₁₆	1 ¹⁵ / ₁₆	1 ¹⁹ / ₁₆	1 ¹ / ₁₆	2.7559	1 ¹¹ / ₁₆	1.748	0.687	9/8	
	UELFC205-014D1W3	125	100	70.7	10	12	8	23	31	80	48.15	48.4	18.25	M10	
	UELFC205-015D1W3	4 ²⁹ / ₃₂	3 ⁵ / ₁₆	2 ²⁵ / ₃₂	2 ⁵ / ₁₆	1 ¹⁵ / ₁₆	1 ²⁹ / ₃₂	1 ⁵ / ₁₆	1 ²⁹ / ₃₂	1 ⁷ / ₃₂	3.1496	1 ⁵⁷ / ₆₄	1.906	0.719	9/8
30 1 1/4	UELFC206D1W3	135	110	77.8	11	14	8	26	34	90	51.3	51.1	18.8	M12	
	UELFC206-101D1W3	5 ⁵ / ₁₆	4 ² / ₁₆	3 ¹ / ₁₆	7/16	3 ⁵ / ₁₆	1 ¹ / ₃₂	1 ¹ / ₃₂	1 ¹¹ / ₃₂	3.5433	2 ¹ / ₆₄	2.012	0.740	7/16	
	UELFC206-102D1W3	145	120	84.9	11	14	10	26	36	100	55.9	56.3	21.4	M12	
	UELFC206-103D1W3	5 ²³ / ₃₂	4 ²³ / ₃₂	3 ¹ / ₁₆	7/16	3 ²⁵ / ₆₄	1 ¹ / ₃₂	1 ²⁷ / ₃₂	1 ²⁷ / ₃₂	3.9370	2 ¹³ / ₆₄	2.217	0.843	7/16	
35 1 1/8 1 1/16	UELFC207D1W3	160	132	93.3	10	16	12	26	38	105	56.9	56.3	21.4	M14	
	UELFC207-104D1W3	6 ⁵ / ₁₆	5 ⁵ / ₁₆	3 ⁵ / ₁₆	2 ⁵ / ₁₆	1 ¹⁵ / ₃₂	1 ¹⁵ / ₃₂	1 ¹ / ₃₂	1 ¹ / ₂	4.1339	2 ¹⁵ / ₆₄	2.217	0.843	7/2	
	UELFC207-105D1W3	165	138	97.6	10	16	12	28	40	110	60.1	62.7	24.6	M14	
	UELFC207-106D1W3	6 ¹ / ₂	5 ⁷ / ₁₆	3 ⁷ / ₁₆	2 ⁵ / ₁₆	1 ³ / ₃₂	1 ³ / ₃₂	1 ³⁷ / ₆₄	1 ³⁷ / ₆₄	4.3307	2 ²³ / ₆₄	2.469	0.969	1/2	
40 1 1/2 1 9/16	UELFC208D1W3	180	145	105.0	11	17	13	28	40	115	63.5	63.5	24.6	M16	
	UELFC208-108D1W3	7 ¹ / ₂	6 ¹ / ₂	4 ¹ / ₂	3 ¹ / ₁₆	2 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	4.6213	2 ¹ / ₁₆	2.669	1.043	1/2	
	UELFC208-109D1W3	190	155	115.0	12	18	14	30	42	120	68.0	68.0	26.0	M16	
	UELFC208-110D1W3	8 ¹ / ₂	7 ¹ / ₂	5 ¹ / ₂	3 ¹ / ₁₆	2 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	5.0099	2 ¹ / ₁₆	2.819	1.083	1/2	
45 1 3/8 1 1/2	UELFC209D1W3	200	160	125.0	12	18	15	32	45	130	72.0	72.0	28.0	M18	
	UELFC209-110D1W3	9 ¹ / ₂	8 ¹ / ₂	6 ¹ / ₂	4 ¹ / ₁₆	3 ¹ / ₁₆	2 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	5.5913	2 ¹ / ₁₆	3.019	1.183	1/2	
	UELFC209-111D1W3	210	170	135.0	13	19	16	35	48	140	78.0	78.0	30.0	M18	
	UELFC209-112D1W3	10 ¹ / ₂	9 ¹ / ₂	7 ¹ / ₂	5 ¹ / ₁₆	4 ¹ / ₁₆	3 ¹ / ₁₆	2 ¹ / ₁₆	1 ¹ / ₁₆	6.0727	2 ¹ / ₁₆	3.269	1.283	1/2	
50 1 3/4 1 7/8 1 15/16 2	UELFC210D1W3	220	180	140.0	14	20	17	38	50	150	81.0	81.0	33.0	M20	
	UELFC210-113D1W3	11 ¹ / ₂	10 ¹ / ₂	8 ¹ / ₂	6 ¹ / ₁₆	5 ¹ / ₁₆	4 ¹ / ₁₆	3 ¹ / ₁₆	2 ¹ / ₁₆	6.5527	2 ¹ / ₁₆	3.519	1.383	1/2	
	UELFC210-114D1W3	230	190	150.0	15	21	18	40	52	160	87.0	87.0	34.0	M20	
	UELFC210-115D1W3	12 ¹ / ₂	11 ¹ / ₂	9 ¹ / ₂	7 ¹ / ₁₆	6 ¹ / ₁₆	5 ¹ / ₁₆	4 ¹ / ₁₆	3 ¹ / ₁₆	7.0341	2 ¹ / ₁₆	3.769	1.483	1/2	
2	UELFC210-200D1W3	250	210	170.0	16	22	19	42	55	170	90.0	90.0	36.0	M22	
	UELFC210-200D1W3	13 ¹ / ₂	12 ¹ / ₂	10 ¹ / ₂	8 ¹ / ₁₆	7 ¹ / ₁₆	6 ¹ / ₁₆	5 ¹ / ₁₆	4 ¹ / ₁₆	7.5155	2 ¹ / ₁₆	3.969	1.583	1/2	

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UEL204D1W3	FC204D1	0.8
UEL204-012D1W3	FC204D1	1.8
UEL205D1W3	FC205D1	1.1
UEL205-013D1W3	FC205D1	2.4
UEL205-014D1W3	FC205D1	2.4
UEL205-015D1W3	FC205D1	2.4
UEL205-100D1W3	FC205D1	2.4
UEL206D1W3	FC206D1	1.4
UEL206-101D1W3	FC206D1	3.1
UEL206-102D1W3	FC206D1	3.1
UEL206-103D1W3	FC206D1	3.1
UEL206-104D1W3	FC206D1	3.1
UEL207D1W3	FC207D1	1.8
UEL207-104D1W3	FC207D1	4.0
UEL207-105D1W3	FC207D1	4.0
UEL207-106D1W3	FC207D1	4.0
UEL207-107D1W3	FC207D1	4.0
UEL208D1W3	FC208D1	2.1
UEL208-108D1W3	FC208D1	4.6
UEL208-109D1W3	FC208D1	4.6
UEL209D1W3	FC209D1	2.8
UEL209-110D1W3	FC209D1	6.2
UEL209-111D1W3	FC209D1	6.2
UEL209-112D1W3	FC209D1	6.2
UEL210D1W3	FC210D1	3.1
UEL210-113D1W3	FC210D1	6.8
UEL210-114D1W3	FC210D1	6.8
UEL210-115D1W3	FC210D1	6.8
UEL210-200D1W3	FC210D1	6.8

UELFC2

Round flanged unit, cast housing with spigot joint
Eccentric locking collar type



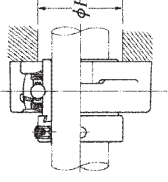
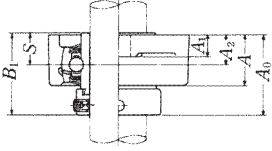
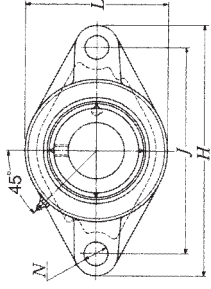
Shaft dia. mm inch	Unit number (*)	Nominal dimensions											Bolt size mm inch	
		L	J	(J ₁)	A ₂	N	A ₃	A ₁	A	H ₃	A ₀	B ₁		S
55	UELFC211D1W3	185	150	106.1	13	19	12	31	43	125	68.65	71.4	27.75	M16
2	UELFC211-200D1W3													
2 1/16	UELFC211-201D1W3	7 9/32	5 29/32	4 1/64	39/64	3/4	15/32	1 1/32	1 11/16	4.9213	2 9/64	2.811	1.093	5/8
2 1/8	UELFC211-202D1W3													
2 3/16	UELFC211-203D1W3													
60	UELFC212D1W3	195	160	113.1	17	19	12	36	48	135	75.85	77.8	30.95	M16
2 1/4	UELFC212-204D1W3													
2 3/16	UELFC212-205D1W3	7 11/16	6 9/64	4 29/64	49/64	3/4	15/32	1 9/32	1 57/64	5.3150	2 25/64	3.063	1.219	5/8
2 3/8	UELFC212-206D1W3													
2 7/16	UELFC212-207D1W3													
65	UELFC213D1W3	205	170	120.2	16	19	14	36	50	145	81.55	85.7	34.15	M16
2 1/2	UELFC213-208D1W3													
2 3/8	UELFC213-209D1W3	8 1/8	6 1/16	4 47/64	5/8	3/4	35/64	1 3/32	1 19/32	5.7087	3 13/64	3.374	1.344	5/8
70	UELFC214D1W3	215	177	125.2	17	19	14	40	54	150	82.55	85.7	34.15	M16
2 9/16	UELFC214-210D1W3													
2 1/8	UELFC214-211D1W3	8 15/32	6 3/32	4 59/64	49/64	3/4	35/64	1 37/64	2 1/8	5.9055	3 1/4	3.374	1.344	5/8
2 3/4	UELFC214-212D1W3													
75	UELFC215D1W3	220	184	130.1	18	19	16	40	56	160	88.7	92	37.3	M16
2 3/8	UELFC215-213D1W3													
2 7/8	UELFC215-214D1W3	8 21/32	7 1/4	5 1/8	45/64	3/4	5/8	1 37/64	2 13/64	6.2992	3 31/64	3.622	1.469	5/8
2 9/16	UELFC215-215D1W3													
3	UELFC215-300D1W3													

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UEL211D1W3	FC211D1	4.3
UEL211-200D1W3	FC211D1	
UEL211-201D1W3	FC211D1	9.5
UEL211-202D1W3	FC211D1	
UEL211-203D1W3	FC211D1	
UEL212D1W3	FC212D1	5.2
UEL212-204D1W3	FC212D1	
UEL212-205D1W3	FC212D1	11
UEL212-206D1W3	FC212D1	
UEL212-207D1W3	FC212D1	
UEL213D1W3	FC213D1	6.5
UEL213-208D1W3	FC213D1	14
UEL213-209D1W3	FC213D1	
UEL214D1W3	FC214D1	7.4
UEL214-210D1W3	FC214D1	
UEL214-211D1W3	FC214D1	16
UEL214-212D1W3	FC214D1	
UEL215D1W3	FC215D1	7.8
UEL215-213D1W3	FC215D1	
UEL215-214D1W3	FC215D1	17
UEL215-215D1W3	FC215D1	
UEL215-300D1W3	FC215D1	

UEFL2

Rhombus flanged unit, cast housing Eccentric locking collar type



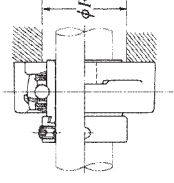
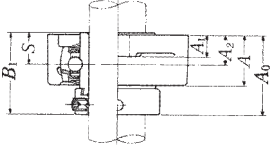
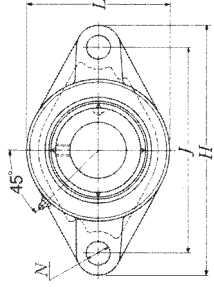
Shaft dia. mm inch	Unit number (*)	Nominal dimensions											Bolt size mm inch
		H	J	A ₂	A ₁	A	N	L	A ₀	B ₁	S	F	
20 3/4	UEFL204D1W3	113	90	15	11	25.5	12	60	41.6	43.7	17.1	34	M10
	UEFL204-012D1W3	4 1/8	3 5/8	19/64	7/16	1	15/32	2 3/8	1 41/64	1.720	0.673	1.339	3/8
	UEFL205D1W3	130	99	16	13	27	16	68	42.95	44.4	17.45	38	M14
	UEFL205-013D1W3	5 1/8	3 7/8	5/8	1/2	1 1/16	5/8	2 1/16	1 1/16	1.748	0.687	1.496	1/2
	UEFL205-014D1W3												
25 1 1/8	UEFL205-015D1W3	148	117	18	13	31	16	80	48.15	48.4	18.25	45	M14
	UEFL206D1W3												
	UEFL206-101D1W3	5 9/16	4 3/8	45/64	1/2	1 1/2	5/8	3 5/32	1 57/64	1.906	0.719	1.772	1/2
	UEFL206-102D1W3												
	UEFL206-103D1W3												
35 1 1/4	UEFL206-104D1W3	161	130	19	15	34	16	90	51.3	51.1	18.8	51	M14
	UEFL207D1W3												
	UEFL207-104D1W3	6 1/32	5 1/8	3/4	19/32	1 1/2	5/8	3 17/32	2 1/64	2.012	0.740	2.008	1/2
	UEFL207-105D1W3												
	UEFL207-106D1W3												
40 1 1/2	UEFL207-107D1W3	175	144	21	15	36	16	100	55.9	56.3	21.4	57	M14
	UEFL208D1W3												
	UEFL208-108D1W3	6 7/8	5 45/64	5/64	19/32	1 13/32	5/8	3 5/16	2 13/64	2.217	0.843	2.244	1/2
	UEFL208-109D1W3												
	UEFL209D1W3	188	148	22	16	38	19	108	56.9	56.3	21.4	62	M16
50 1 3/4	UEFL209-110D1W3	197	157	22	16	40	19	115	60.1	62.7	24.6	67	M16
	UEFL209-111D1W3	7 1/2	5 53/64	5/64	5/8	1 1/2	3/4	4 1/4	2 15/64	2.217	0.843	2.441	5/8
	UEFL209-112D1W3												
	UEFL210D1W3												
	UEFL210-113D1W3												
2 1 5/8	UEFL210-114D1W3	7 3/4	6 3/16	5/64	5/8	1 9/16	3/4	4 17/32	2 23/64	2.469	0.969	2.638	5/8
	UEFL210-115D1W3												
	UEFL210-200D1W3												

Note (*) These numbers indicate lubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UEL204D1W3	FL204D1	0.5
UEL204-012D1W3	FL204D1	1.1
UEL205D1W3	FL205D1	0.7
UEL205-013D1W3	FL205D1	
UEL205-014D1W3	FL205D1	1.5
UEL205-015D1W3	FL205D1	
UEL205-100D1W3	FL205D1	
UEL206D1W3	FL206D1	1.0
UEL206-101D1W3	FL206D1	
UEL206-102D1W3	FL206D1	2.2
UEL206-103D1W3	FL206D1	
UEL206-104D1W3	FL206D1	
UEL207D1W3	FL207D1	1.3
UEL207-104D1W3	FL207D1	
UEL207-105D1W3	FL207D1	2.9
UEL207-106D1W3	FL207D1	
UEL207-107D1W3	FL207D1	
UEL208D1W3	FL208D1	1.6
UEL208-108D1W3	FL208D1	3.5
UEL208-109D1W3	FL208D1	
UEL209D1W3	FL209D1	2.0
UEL209-110D1W3	FL209D1	
UEL209-111D1W3	FL209D1	4.4
UEL209-112D1W3	FL209D1	
UEL210D1W3	FL210D1	2.2
UEL210-113D1W3	FL210D1	
UEL210-114D1W3	FL210D1	4.9
UEL210-115D1W3	FL210D1	
UEL210-200D1W3	FL210D1	

UEFL2

Rhombus flanged unit, cast housing Eccentric locking collar type



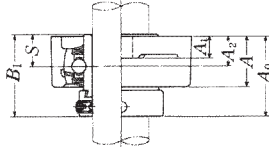
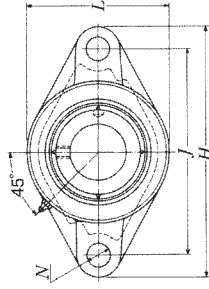
Shaft dia. mm inch	Unit number (*)	Nominal dimensions													Bolt size mm inch	
		H	J	A ₂	A ₁	A	N	L	A ₀	L	S	F	min.	B ₁		A ₀
55	UEFL211D1W3	224	184	25	18	43	19	130	68.65	71.4	27.75	73	M16			
2	UEFL211-200D1W3															
2 ¹ / ₁₆	UEFL211-201D1W3	8 ⁹ / ₁₆	7 ¹ / ₄	6 ³ / ₁₆	2 ³ / ₃₂	1 ¹¹ / ₁₆	3 ¹ / ₄	5 ¹ / ₈	2 ⁴⁵ / ₆₄	2.811	1.093	2.874	5 ¹ / ₈			
2 ¹ / ₈	UEFL211-202D1W3															
2 ³ / ₁₆	UEFL211-203D1W3															
60	UEFL212D1W3	250	202	29	18	48	23	140	75.85	77.8	30.95	81	M20			
2 ¹ / ₄	UEFL212-204D1W3															
2 ⁵ / ₁₆	UEFL212-205D1W3	9 ⁷ / ₃₂	7 ⁴⁶ / ₆₄	1 ⁹ / ₁₆	2 ³ / ₃₂	1 ⁷ / ₈	2 ²⁹ / ₃₂	5 ¹ / ₂	2 ⁶³ / ₆₄	3.063	1.219	3.189	3 ¹ / ₄			
2 ³ / ₈	UEFL212-206D1W3															
2 ⁷ / ₁₆	UEFL212-207D1W3															
65	UEFL213D1W3	258	210	30	22	50	23	155	81.55	85.7	34.15	87	M20			
2 ¹ / ₂	UEFL213-208D1W3	10 ⁵ / ₃₂	8 ¹⁷ / ₆₄	1 ³ / ₁₆	7 ¹ / ₈	1 ³ / ₃₂	2 ²⁹ / ₃₂	6 ³ / ₃₂	3 ³ / ₆₄	3.374	1.344	3.425	3 ¹ / ₄			
2 ¹ / ₈	UEFL213-209D1W3															
70	UEFL214D1W3	265	216	31	22	54	23	160	82.55	85.7	34.15	91	M20			
2 ⁵ / ₈	UEFL214-210D1W3															
2 ¹ / ₁₆	UEFL214-211D1W3	10 ⁷ / ₁₆	8 ¹ / ₂	1 ⁷ / ₃₂	7 ¹ / ₈	2 ¹ / ₈	2 ²⁹ / ₃₂	6 ⁵ / ₁₆	3 ¹ / ₄	3.374	1.344	3.583	3 ¹ / ₄			
2 ³ / ₄	UEFL214-212D1W3															
75	UEFL215D1W3	275	225	34	22	56	23	165	88.7	92	37.3	97	M20			
2 ³ / ₁₆	UEFL215-213D1W3															
2 ⁷ / ₈	UEFL215-214D1W3	10 ¹³ / ₁₆	8 ⁶⁵ / ₆₄	1 ¹ / ₃₂	7 ¹ / ₈	2 ⁷ / ₃₂	2 ²⁹ / ₃₂	6 ¹ / ₂	3 ³ / ₆₄	3.622	1.469	3.819	3 ¹ / ₄			
2 ⁵ / ₈	UEFL215-215D1W3															
3	UEFL215-300D1W3															

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UEL211-200D1W3	FL211D1	
UEL211-201D1W3	FL211D1	7.1
UEL211-202D1W3	FL211D1	
UEL211-203D1W3	FL211D1	
UEL212D1W3	FL212D1	4.1
UEL212-204D1W3	FL212D1	
UEL212-205D1W3	FL212D1	9.0
UEL212-206D1W3	FL212D1	
UEL212-207D1W3	FL212D1	
UEL213D1W3	FL213D1	5.5
UEL213-208D1W3	FL213D1	12
UEL213-209D1W3	FL213D1	
UEL214D1W3	FL214D1	5.8
UEL214-210D1W3	FL214D1	
UEL214-211D1W3	FL214D1	13
UEL214-212D1W3	FL214D1	
UEL215D1W3	FL215D1	6.3
UEL215-213D1W3	FL215D1	
UEL215-214D1W3	FL215D1	14
UEL215-215D1W3	FL215D1	
UEL215-300D1W3	FL215D1	

UEFL3

Rhombus flanged unit, cast housing Eccentric locking collar type

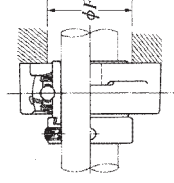


Shaft dia. mm inch	Unit number (1)(2)	Nominal dimensions mm inch										Bolt size mm inch	
		H	J	A ₂	A ₁	A	N	L	A ₀	B ₁	S		F
25 ¹⁹ / ₁₆ ⁷ / ₈ ¹⁹ / ₁₆ 1	UEFL305D1W3	150	113	16	13	29	19	80	46.1	46.8	16.7	41	M16
	UEFL305-013D1W3												
	UEFL305-014D1W3	5 ²⁹ / ₃₂	4 ²⁹ / ₆₄	5/ ₈	1/ ₂	1 ⁵ / ₃₂	3/ ₄	3 ⁵ / ₃₂	1 ¹³ / ₁₆	1.843	0.657	1.614	5/ ₈
	UEFL305-015D1W3												
30 ¹ / ₁₆ ¹ / ₈ ¹ / ₁₆	UEFL306D1W3	180	134	18	15	32	23	90	50.5	50	17.5	49	M20
	UEFL306-101D1W3												
	UEFL306-102D1W3	7 ⁹ / ₃₂	5 ⁹ / ₃₂	4 ⁵ / ₆₄	19 _{/32}	1 ¹ / ₄	29 _{/32}	3 ⁷ / ₃₂	1 ⁶³ / ₆₄	1.969	0.689	1.929	3/ ₄
	UEFL306-103D1W3												
35 ¹ / ₄ ¹ / ₁₆ ¹ / ₈ ¹ / ₁₆	UEFL307D1W3	185	141	20	16	36	23	100	53.3	51.6	18.3	—	M20
	UEFL307-104D1W3												
	UEFL307-105D1W3	7 ⁹ / ₃₂	5 ³⁵ / ₆₄	29 _{/32}	5/ ₈	1 ¹³ / ₃₂	29 _{/32}	3 ¹⁵ / ₃₂	2 ³ / ₃₂	2.031	0.720	—	3/ ₄
	UEFL307-106D1W3												
40 ¹ / ₂ ¹ / ₁₆	UEFL308D1W3	200	158	23	17	40	23	112	60.3	57.1	19.8	—	M20
	UEFL308-108D1W3	7 _{/16}	6 ⁷ / ₃₂	29 _{/32}	21 _{/32}	1 ⁹ / ₁₆	4 ¹³ / ₃₂	2 ³ / ₃₂	2.248	0.780	—	3/ ₄	
	UEFL308-109D1W3												
	UEFL308-109D1W3												
45 ¹ / ₈ ¹ / ₁₆ ¹ / ₈ ¹ / ₄	UEFL309D1W3	230	177	25	18	44	25	125	63.9	58.7	19.8	—	M22
	UEFL309-110D1W3												
	UEFL309-111D1W3	9 _{/16}	6 ³¹ / ₃₂	63 _{/64}	23 _{/32}	1 ²³ / ₃₂	4 ²⁹ / ₆₄	2 ³³ / ₆₄	2.311	0.780	—	7/ ₈	
	UEFL309-112D1W3												
50 ¹ / ₁₆ ¹ / ₈ ¹ / ₁₆ ¹ / ₈	UEFL310D1W3	240	187	28	19	48	25	140	70	66.6	24.6	—	M22
	UEFL310-113D1W3												
	UEFL310-114D1W3	9 _{/16}	7 ²³ / ₆₄	1 ¹ / ₆₄	3/ ₄	1 _{/8}	5 ⁵ / ₁₆	2 ¹ / ₄	2.622	0.969	—	7/ ₈	
	UEFL310-115D1W3												

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

(2) Inner race face does not protrude from the housing face except UEFL305 and UEFL316.

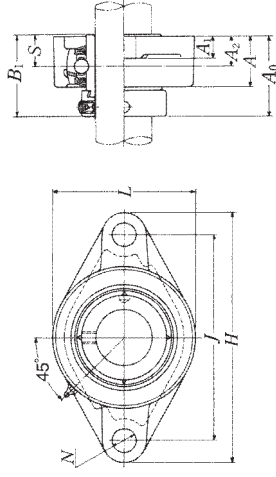
Remarks Please refer to page A21 for size of grease fitting.



Bearing number	Housing number	Mass of unit kg lb
UEFL305D1W3	FL305D1	1.0
UEFL305-013D1W3	FL305D1	
UEFL305-014D1W3	FL305D1	2.2
UEFL305-015D1W3	FL305D1	
UEFL305-100D1W3	FL305D1	
UEFL306D1W3	FL306D1	1.6
UEFL306-101D1W3	FL306D1	
UEFL306-102D1W3	FL306D1	3.5
UEFL306-103D1W3	FL306D1	
UEFL307D1W3	FL307D1	1.8
UEFL307-104D1W3	FL307D1	
UEFL307-105D1W3	FL307D1	4.0
UEFL307-106D1W3	FL307D1	
UEFL307-107D1W3	FL307D1	
UEFL308D1W3	FL308D1	2.3
UEFL308-108D1W3	FL308D1	
UEFL308-109D1W3	FL308D1	5.1
UEFL309D1W3	FL309D1	3.1
UEFL309-110D1W3	FL309D1	
UEFL309-111D1W3	FL309D1	6.8
UEFL309-112D1W3	FL309D1	
UEFL310D1W3	FL310D1	4.2
UEFL310-113D1W3	FL310D1	
UEFL310-114D1W3	FL310D1	9.3
UEFL310-115D1W3	FL310D1	

UEFL3

Rhombus flanged unit, cast housing Eccentric locking collar type

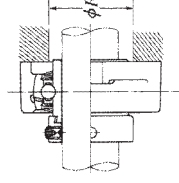


Shaft dia. mm inch	Unit number (1)(2)	Nominal dimensions											Bolt size mm inch
		H	J	A ₂	A ₁	A	N	L	A ₀	B ₁	S	F	
85	UEFL317D1W3	370	300	44	32	74	38	220	111.45	109.5	42.05	119	M33
3/4	UEFL317-304D1W3	14 9/16	11 13/16	1 7/16	1 1/4	2 29/32	1 1/2	8 7/8	4 39/64	4.311	1.656	4.685	1 1/4
3 3/16	UEFL317-305D1W3												
3 7/16	UEFL317-306D1W3												
90	UEFL318D1W3	385	315	44	36	76	38	235	116.25	115.9	43.65	125	M33
3 7/16	UEFL318-307D1W3	15 1/2	12 9/32	1 7/16	1 13/32	3	1 1/2	9 1/4	4 97/64	4.563	1.719	4.921	1 1/4
3 1/2	UEFL318-308D1W3												
95	UEFL319D1W3	405	330	59	40	94	41	250	142.4	122.3	38.9	—	M36
3 7/8	UEFL319-310D1W3	15 5/16	12 63/64	2 1/4	1 9/16	3 1/16	1 39/64	9 7/8	5 59/64	4.815	1.531	—	1 3/8
3 11/16	UEFL319-311D1W3												
3 3/4	UEFL319-312D1W3												
100	UEFL320D1W3	440	360	59	40	94	44	270	137.6	128.6	50	—	M39
3 3/8	UEFL320-313D1W3	17 1/8	14 1/8	2 1/4	1 9/16	3 1/16	1 17/64	10 5/8	5 57/64	5.063	1.969	—	1 1/2
3 11/16	UEFL320-314D1W3												
3 15/16	UEFL320-315D1W3												
4	UEFL320-400D1W3												
105	UEFL321D1W3	440	360	59	40	94	44	270	150.3	139.7	48.4	—	M39
110	UEFL322D1W3	470	390	60	42	96	44	300	152.1	141.3	49.2	—	M39

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

(2) Inner race does not protrude from the housing face except UEFL305 and UEFL316.

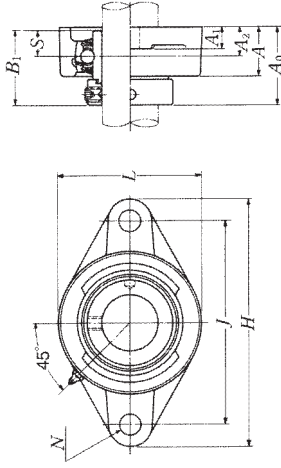
Remarks Please refer to page A21 for size of grease fitting.



Bearing number	Housing number	Mass of unit kg lb
UEL317D1W3	FL317D1	16
UEL317-304D1W3	FL317D1	
UEL317-305D1W3	FL317D1	35
UEL317-306D1W3	FL317D1	
UEL318D1W3	FL318D1	19
UEL318-307D1W3	FL318D1	
UEL318-308D1W3	FL318D1	42
UEL319D1W3	FL319D1	24
UEL319-310D1W3	FL319D1	
UEL319-311D1W3	FL319D1	53
UEL319-312D1W3	FL319D1	
UEL320D1W3	FL320D1	28
UEL320-313D1W3	FL320D1	
UEL320-314D1W3	FL320D1	62
UEL320-315D1W3	FL320D1	
UEL320-400D1W3	FL320D1	
UEL321D1W3	FL321D1	30
UEL322D1W3	FL322D1	36

UEFLU2

Rhombus flanged unit, cast housing
Eccentric locking collar type



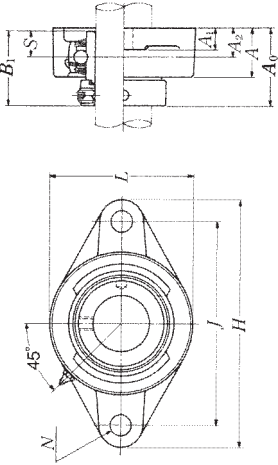
Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch										Bolt size mm inch
		H	J	A ₂	A ₁	A	N	L	A ₀	B ₁	S	
20 3/4	UEFLU204D1W3	113	90	19	15	29.5	11.5	61	45.6	43.7	17.1	M10
	UEFLU204-012D1W3	4 ³⁵ / ₁₆	3 ³⁵ / ₆₄	3/4	19 ³² / ₆₄	1 ⁵ / ₃₂	29 ²⁹ / ₆₄	2 ¹³ / ₃₂	1 ⁵¹ / ₆₄	1.720	0.673	5/16
25 19/16	UEFLU205D1W3	125	99	19	15	30	11.5	70	45.95	44.4	17.45	M10
	UEFLU205-013D1W3	4 ²⁹ / ₃₂	3 ³⁷ / ₆₄	3/4	19 ³² / ₆₄	1 ³ / ₁₆	29 ²⁹ / ₆₄	2 ³ / ₁₆	1 ¹³ / ₁₆	1.748	0.687	3/8
	UEFLU205-014D1W3	4 ²⁹ / ₃₂	3 ³⁷ / ₆₄	3/4	19 ³² / ₆₄	1 ³ / ₁₆	29 ²⁹ / ₆₄	2 ³ / ₁₆	1 ¹³ / ₁₆	1.748	0.687	3/8
	UEFLU205-015D1W3	4 ²⁹ / ₃₂	3 ³⁷ / ₆₄	3/4	19 ³² / ₆₄	1 ³ / ₁₆	29 ²⁹ / ₆₄	2 ³ / ₁₆	1 ¹³ / ₁₆	1.748	0.687	3/8
30 1 1/8	UEFLU206D1W3	142	116.5	20	16	33	11.5	83	50.15	48.4	18.25	M10
	UEFLU206-101D1W3	5 ¹¹ / ₁₆	4 ¹³ / ₃₂	25 ²⁵ / ₃₂	5 ⁵ / ₈	1 ⁵ / ₁₆	29 ²⁹ / ₆₄	3 ⁹ / ₃₂	1 ³⁹ / ₃₂	1.906	0.719	3/8
	UEFLU206-102D1W3	5 ¹¹ / ₁₆	4 ¹³ / ₃₂	25 ²⁵ / ₃₂	5 ⁵ / ₈	1 ⁵ / ₁₆	29 ²⁹ / ₆₄	3 ⁹ / ₃₂	1 ³⁹ / ₃₂	1.906	0.719	3/8
	UEFLU206-103D1W3	5 ¹¹ / ₁₆	4 ¹³ / ₃₂	25 ²⁵ / ₃₂	5 ⁵ / ₈	1 ⁵ / ₁₆	29 ²⁹ / ₆₄	3 ⁹ / ₃₂	1 ³⁹ / ₃₂	1.906	0.719	3/8
35 1 1/4	UEFLU207D1W3	156	130	21	17	36	14	96	53.3	51.1	18.8	M12
	UEFLU207-104D1W3	6 ⁵ / ₈	5 ⁵⁹ / ₆₄	2 ¹ / ₂	1 ¹³ / ₁₆	1 ¹³ / ₁₆	35 ³⁵ / ₆₄	3 ²⁵ / ₃₂	2 ⁹ / ₃₂	2.012	0.740	1/2
	UEFLU207-105D1W3	6 ⁵ / ₈	5 ⁵⁹ / ₆₄	2 ¹ / ₂	1 ¹³ / ₁₆	1 ¹³ / ₁₆	35 ³⁵ / ₆₄	3 ²⁵ / ₃₂	2 ⁹ / ₃₂	2.012	0.740	1/2
	UEFLU207-106D1W3	6 ⁵ / ₈	5 ⁵⁹ / ₆₄	2 ¹ / ₂	1 ¹³ / ₁₆	1 ¹³ / ₁₆	35 ³⁵ / ₆₄	3 ²⁵ / ₃₂	2 ⁹ / ₃₂	2.012	0.740	1/2
40 1 1/2	UEFLU208D1W3	172	143.5	24	17	39	14	105	58.9	56.3	21.4	M12
	UEFLU208-108D1W3	6 ²⁵ / ₃₂	5 ²¹ / ₃₂	15 ¹⁵ / ₁₆	2 ¹ / ₂	1 ¹⁷ / ₃₂	35 ³⁵ / ₆₄	4 ¹ / ₈	2 ⁵ / ₁₆	2.217	0.843	1/2
	UEFLU208-109D1W3	6 ²⁵ / ₃₂	5 ²¹ / ₃₂	15 ¹⁵ / ₁₆	2 ¹ / ₂	1 ¹⁷ / ₃₂	35 ³⁵ / ₆₄	4 ¹ / ₈	2 ⁵ / ₁₆	2.217	0.843	1/2
45 1 5/8	UEFLU209D1W3	180	148.5	24	18	40	16	111	58.9	56.3	21.4	M14
	UEFLU209-110D1W3	7 ³ / ₃₂	5 ²⁷ / ₃₂	15 ¹⁵ / ₁₆	2 ¹ / ₂	1 ⁹ / ₁₆	5 ⁵ / ₈	4 ³ / ₈	2 ⁵ / ₁₆	2.217	0.843	1/2
	UEFLU209-111D1W3	7 ³ / ₃₂	5 ²⁷ / ₃₂	15 ¹⁵ / ₁₆	2 ¹ / ₂	1 ⁹ / ₁₆	5 ⁵ / ₈	4 ³ / ₈	2 ⁵ / ₁₆	2.217	0.843	1/2
	UEFLU209-112D1W3	7 ³ / ₃₂	5 ²⁷ / ₃₂	15 ¹⁵ / ₁₆	2 ¹ / ₂	1 ⁹ / ₁₆	5 ⁵ / ₈	4 ³ / ₈	2 ⁵ / ₁₆	2.217	0.843	1/2
50 2	UEFLU210D1W3	190	157	28	20	46	18	116	66.1	62.7	24.6	M16
	UEFLU210-113D1W3	7 ¹³ / ₁₆	6 ³ / ₁₆	1 ⁷ / ₈	25 ²⁵ / ₆₄	1 ¹³ / ₁₆	45 ⁴⁵ / ₆₄	4 ⁹ / ₁₆	2 ³⁹ / ₆₄	2.469	0.969	5/8
	UEFLU210-114D1W3	7 ¹³ / ₁₆	6 ³ / ₁₆	1 ⁷ / ₈	25 ²⁵ / ₆₄	1 ¹³ / ₁₆	45 ⁴⁵ / ₆₄	4 ⁹ / ₁₆	2 ³⁹ / ₆₄	2.469	0.969	5/8
	UEFLU210-115D1W3	7 ¹³ / ₁₆	6 ³ / ₁₆	1 ⁷ / ₈	25 ²⁵ / ₆₄	1 ¹³ / ₁₆	45 ⁴⁵ / ₆₄	4 ⁹ / ₁₆	2 ³⁹ / ₆₄	2.469	0.969	5/8

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UEL204D1W3	FLU204D1	0.6
UEL204-012D1W3	FLU204D1	1.3
UEL205D1W3	FLU205D1	0.7
UEL205-013D1W3	FLU205D1	1.5
UEL205-014D1W3	FLU205D1	
UEL205-015D1W3	FLU205D1	
UEL205-100D1W3	FLU205D1	
UEL206D1W3	FLU206D1	1.1
UEL206-101D1W3	FLU206D1	2.4
UEL206-102D1W3	FLU206D1	
UEL206-103D1W3	FLU206D1	
UEL206-104D1W3	FLU206D1	
UEL207D1W3	FLU207D1	1.5
UEL207-104D1W3	FLU207D1	3.3
UEL207-105D1W3	FLU207D1	
UEL207-106D1W3	FLU207D1	
UEL207-107D1W3	FLU207D1	
UEL208D1W3	FLU208D1	1.9
UEL208-108D1W3	FLU208D1	4.2
UEL208-109D1W3	FLU208D1	
UEL209D1W3	FLU209D1	2.3
UEL209-110D1W3	FLU209D1	5.1
UEL209-111D1W3	FLU209D1	
UEL209-112D1W3	FLU209D1	
UEL210D1W3	FLU210D1	
UEL210-113D1W3	FLU210D1	6.4
UEL210-114D1W3	FLU210D1	
UEL210-115D1W3	FLU210D1	
UEL210-200D1W3	FLU210D1	

UEFLU2

Rhombus flanged unit, cast housing Eccentric locking collar type



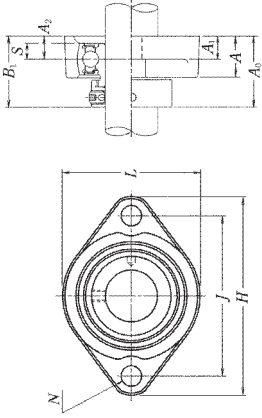
Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch										Bolt size	
		H	J	A ₂	A ₁	A	N	L	A ₀	B ₁	S	mm	inch
55	UEFLU211D1W3	217	184	31	21	49	18	134	74.65	71.4	27.75	M16	
2	UEFLU211-200D1W3												
2 ¹ / ₁₆	UEFLU211-201D1W3	8 ⁷ / ₃₂	7 ¹ / ₄	1 ⁷ / ₃₂	1 ³ / ₁₆	1 ¹⁵ / ₁₆	4 ⁵ / ₆₄	5 ⁹ / ₃₂	2 ¹⁵ / ₁₆	2.811	1.093	5/ ₈	
2 ¹ / ₈	UEFLU211-202D1W3												
2 ³ / ₁₆	UEFLU211-203D1W3												
60	UEFLU212D1W3	235	202	34	21	53	18	138	80.85	77.8	30.95	M16	
2 ¹ / ₈	UEFLU212-204D1W3												
2 ⁵ / ₁₆	UEFLU212-205D1W3	9 ¹ / ₄	7 ⁶¹ / ₆₄	1 ¹¹ / ₃₂	1 ³ / ₁₆	2 ³ / ₃₂	4 ⁵ / ₆₄	5 ⁷ / ₁₆	3 ³ / ₁₆	3.063	1.219	5/ ₈	
2 ³ / ₈	UEFLU212-206D1W3												
2 ⁷ / ₁₆	UEFLU212-207D1W3												
65	UEFLU213D1W3	248	210	38	22	59	20.5	152	89.55	85.7	34.15	M18	
2 ¹ / ₈	UEFLU213-208D1W3												
2 ³ / ₁₆	UEFLU213-209D1W3	9 ³ / ₄	8 ⁵⁷ / ₆₄	1 ¹ / ₂	7/ ₈	2 ⁵ / ₁₆	1 ⁹ / ₁₆	5 ³ / ₃₂	3 ⁷ / ₃₂	3.374	1.344	5/ ₈	
2 ¹ / ₂	UEFLU214D1W3	257	216	38	22	62	20.5	159	89.55	85.7	34.15	M18	
2 ⁵ / ₁₆	UEFLU214-210D1W3												
2 ⁷ / ₁₆	UEFLU214-211D1W3	10 ¹ / ₈	8 ¹ / ₂	1 ¹ / ₂	7/ ₈	2 ⁷ / ₁₆	1 ¹⁹ / ₁₆	6 ¹ / ₄	3 ⁷ / ₃₂	3.374	1.344	5/ ₈	
2 ³ / ₄	UEFLU214-212D1W3												
70	UEFLU215D1W3	266	225	41	22	65	20.5	165	95.7	92	37.3	M18	
2 ¹³ / ₁₆	UEFLU215-213D1W3												
2 ¹ / ₂	UEFLU215-214D1W3	10 ¹⁵ / ₃₂	8 ⁵⁵ / ₆₄	1 ³⁹ / ₆₄	7/ ₈	2 ⁹ / ₁₆	1 ¹⁹ / ₁₆	6 ¹ / ₂	3 ⁹ / ₆₄	3.622	1.469	5/ ₈	
2 ¹⁵ / ₁₆	UEFLU215-215D1W3												
3	UEFLU215-300D1W3												

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Mass of unit kg lb
UEL211D1W3	FLU211D1	3.6
UEL211-200D1W3	FLU211D1	
UEL211-201D1W3	FLU211D1	7.9
UEL211-202D1W3	FLU211D1	
UEL211-203D1W3	FLU211D1	
UEL212D1W3	FLU212D1	4.0
UEL212-204D1W3	FLU212D1	
UEL212-205D1W3	FLU212D1	8.8
UEL212-206D1W3	FLU212D1	
UEL212-207D1W3	FLU212D1	
UEL213D1W3	FLU213D1	5.6
UEL213-208D1W3	FLU213D1	12
UEL213-209D1W3	FLU213D1	
UEL214D1W3	FLU214D1	6.3
UEL214-210D1W3	FLU214D1	
UEL214-211D1W3	FLU214D1	14
UEL214-212D1W3	FLU214D1	
UEL215D1W3	FLU215D1	6.8
UEL215-213D1W3	FLU215D1	
UEL215-214D1W3	FLU215D1	15
UEL215-215D1W3	FLU215D1	
UEL215-300D1W3	FLU215D1	

AELFB2

Light rhombus flanged unit, cast housing
Eccentric locking collar type



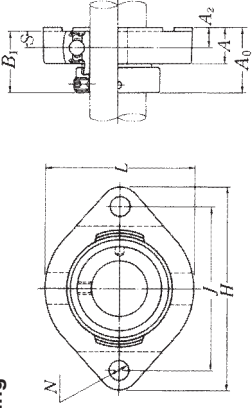
Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch													Bolt size mm inch
		H	J	A ₂	A ₁	A	N	L	A ₀	B ₁	S	B ₁	S		
12	AELFB201W3	81	63.5	9.5	9.5	18	7	56	31.6	28.6	6.5	M6			
	AELFB201-008W3	3 ³ / ₁₆	2 ¹ / ₂	3 ³ / ₈	3 ³ / ₈	23 ³ / ₈	9 ³ / ₈	2 ¹ / ₃₂	1 ¹ / ₄	1.126	0.256	1 ¹ / ₄			
15	AELFB202W3	81	63.5	9.5	9.5	18	7	56	31.6	28.6	6.5	M6			
	AELFB202-009W3	3 ³ / ₁₆	2 ¹ / ₂	3 ³ / ₈	3 ³ / ₈	23 ³ / ₈	9 ³ / ₈	2 ¹ / ₃₂	1 ¹ / ₄	1.126	0.256	1 ¹ / ₄			
17	AELFB203W3	81	63.5	9.5	9.5	18	7	56	31.6	28.6	6.5	M6			
	AELFB203-011W3	3 ³ / ₁₆	2 ¹ / ₂	3 ³ / ₈	3 ³ / ₈	23 ³ / ₈	9 ³ / ₈	2 ¹ / ₃₂	1 ¹ / ₄	1.126	0.256	1 ¹ / ₄			
20	AELFB204W3	90	71.5	11	11	20	10	61	34.5	31	7.5	M8			
	AELFB204-012W3	3 ⁷ / ₃₂	2 ¹³ / ₁₆	7 ¹ / ₁₆	7 ¹ / ₁₆	25 ²⁵ / ₆₄	2 ¹³ / ₆₄	2 ¹³ / ₃₂	1 ²³ / ₆₄	1.220	0.295	5 ⁵ / ₁₆			
25	AELFB205W3	95	76	11	11	20	10	64	34.5	31	7.5	M8			
	AELFB205-013W3	3 ³ / ₄	2 ⁶⁵ / ₆₄	7 ¹ / ₁₆	7 ¹ / ₁₆	25 ²⁵ / ₆₄	2 ¹⁷ / ₃₂	2 ¹⁷ / ₃₂	1 ²³ / ₆₄	1.220	0.295	5 ⁵ / ₁₆			
30	AELFB206W3	113	90.5	12	12	22.5	12	76	38.7	35.7	9	M10			
	AELFB206-101W3	4 ⁷ / ₁₆	3 ⁹ / ₁₆	15 ¹⁵ / ₃₂	15 ¹⁵ / ₃₂	7 ⁷ / ₈	15 ¹⁵ / ₃₂	3	1 ¹⁷ / ₃₂	1.406	0.374	3 ³ / ₈			
35	AELFB207W3	122	100	11	11	24	12	89	40.4	38.9	9.5	M10			
	AELFB207-104W3	4 ¹³ / ₁₆	3 ¹⁵ / ₁₆	7 ⁷ / ₁₆	7 ⁷ / ₁₆	15 ¹⁵ / ₃₂	15 ¹⁵ / ₃₂	3 ¹ / ₂	1 ¹⁹ / ₃₂	1.531	0.374	3 ³ / ₈			

Note (*) If relubricatable type is needed, please order with suffix "D1".

Bearing number	Housing number	Mass of unit kg lb
AEL201W3	FB201	0.3
AEL201-008W3	FB201	0.7
AEL202W3	FB201	0.3
AEL202-009W3	FB201	0.7
AEL202-010W3	FB201	0.7
AEL203W3	FB201	0.3
AEL203-011W3	FB201	0.7
AEL204W3	FB204	0.4
AELB204-012W3	FB204	0.9
AEL205W3	FB205	0.4
AEL205-013W3	FB205	0.9
AEL205-014W3	FB205	0.9
AEL205-015W3	FB205	0.9
AEL205-100W3	FB205	0.9
AEL206W3	FB206	0.6
AEL206-101W3	FB206	1.3
AEL206-102W3	FB206	1.3
AEL206-103W3	FB206	1.3
AEL206-104W3	FB206	1.3
AEL207W3	FB207	0.9
AEL207-104W3	FB207	2.0
AEL207-105W3	FB207	2.0
AEL207-106W3	FB207	2.0
AEL207-107W3	FB207	2.0

AELFD2

Light rhombus flanged unit, cast housing
Eccentric locking collar type



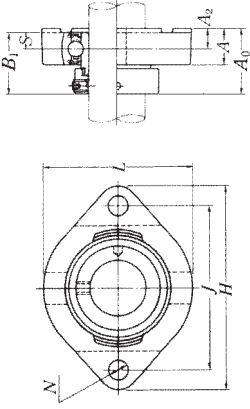
Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch										Bolt size	
		H	J	A ₂	A	N	L	A ₀	B ₁	S	mm	inch	
12 1/2	AELFD201W3	81	63	8.5	15	7	59	30.6	28.6	6.5	M6		
	AELFD201-008W3	3 ^{3/16}	2 ^{31/64}	21/64	19/32	9/32	2 ^{5/16}	1 ^{3/4}	1.126	0.256	5/16		
	AELFD202W3	81	63	8.5	15	7	59	30.6	28.6	6.5	M6		
15 9/16 5/8	AELFD202-009W3	3 ^{3/16}	2 ^{31/64}	21/64	19/32	9/32	2 ^{5/16}	1 ^{3/4}	1.126	0.256	5/16		
	AELFD202-010W3												
	AELFD203W3	81	63	8.5	15	7	59	30.6	28.6	6.5	M6		
17 11/16	AELFD203-011W3	3 ^{3/16}	2 ^{31/64}	21/64	19/32	9/32	2 ^{5/16}	1 ^{3/4}	1.126	0.256	5/16		
	AELFD204W3	90	71	9.5	17	10	67	33	31	7.5	M8		
	AELFD204-012W3	3 ^{7/32}	2 ^{51/64}	3/8	21/32	25/64	2 ^{5/8}	1 ^{9/16}	1.220	0.295	5/16		
25 19/16 7/8 15/16 1	AELFD205W3	95	76	9.5	17	10	71	33	31	7.5	M8		
	AELFD205-013W3												
	AELFD205-014W3	3 ^{3/4}	2 ^{63/64}	3/8	21/32	29/64	2 ^{25/32}	1 ^{9/16}	1.220	0.295	5/16		
	AELFD205-015W3												
	AELFD205-100W3												
30 1 1/16 1 1/8 1 1/4 1 1/2	AELFD206W3	113	90	12	21	12	84	38.7	35.7	9	M10		
	AELFD206-101W3												
	AELFD206-102W3	4 ^{7/16}	3 ^{35/64}	15/32	19/16	19/32	3 ^{5/16}	1 ^{7/32}	1.406	0.354	3/8		
	AELFD206-103W3												
	AELFD206-104W3												
35 1 3/4 1 5/8 1 3/4 1 7/8	AELFD207W3	125	100	12.5	22	12	94	41.9	38.9	9.5	M10		
	AELFD207-104W3												
	AELFD207-105W3	4 ^{29/32}	3 ^{15/16}	31/64	7/8	19/32	3 ^{11/16}	1 ^{21/32}	1.531	0.374	3/8		
	AELFD207-106W3												
	AELFD207-107W3												
40 1 1/2 1 5/8	AELFD208W3	148	119	14.5	25	13.5	104	47.2	43.7	11	M12		
	AELFD208-108W3	5 ^{9/16}	4 ^{11/16}	37/64	31/32	17/32	4 ^{3/32}	1 ^{27/32}	1.720	0.433	7/16		
	AELFD208-109W3												

Note (1) If relubricatable type is needed, please order with suffix "A" "D1". Example: A-AELFD201D1W3

Bearing number	Housing number	Mass of unit kg lb
AEL201W3	FD201	0.3
AEL201-008W3	FD201	0.7
AEL202W3	FD201	0.3
AEL202-009W3	FD201	0.7
AEL202-010W3	FD201	
AEL203W3	FD201	0.3
AEL203-011W3	FD201	0.7
AEL204W3	FD204	0.4
AEL204-012W3	FD204	0.9
AEL205W3	FD205	0.5
AEL205-013W3	FD205	
AEL205-014W3	FD205	1.1
AEL205-015W3	FD205	
AEL205-100W3	FD205	
AEL206W3	FD206	0.8
AEL206-101W3	FD206	
AEL206-102W3	FD206	1.8
AEL206-103W3	FD206	
AEL206-104W3	FD206	
AEL207W3	FD207	1.1
AEL207-104W3	FD207	
AEL207-105W3	FD207	2.4
AEL207-106W3	FD207	
AEL207-107W3	FD207	
AEL208W3	FD208	1.5
AEL208-108W3	FD208	
AEL208-109W3	FD208	3.3

JELFD2

Light rhombus flanged unit, cast housing
Eccentric locking collar type



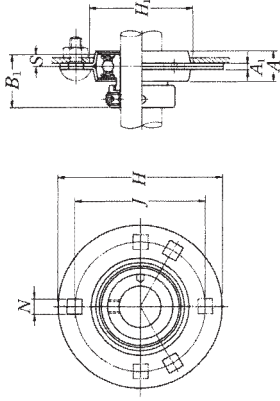
Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch										Bolt size mm inch	
		H	J	A	A ₂	N	L	A ₀	B ₁	S			
12 1/2	JELFD201W3	81	63	8.5	15	7	59	30.6	28.6	6.5	M6		
	JELFD201-008W3	3 3/16	2 31/64	21/64	19/32	7/32	2 5/16	1 3/64	1.126	0.256	5/16		
15 9/16 5/8	JELFD202W3	81	63	8.5	15	7	59	30.6	28.6	6.5	M6		
	JELFD202-009W3 JELFD202-010W3	3 3/16	2 31/64	21/64	19/32	7/32	2 5/16	1 3/64	1.126	0.256	5/16		
17 11/16	JELFD203W3	81	63	8.5	15	7	59	30.6	28.6	6.5	M6		
	JELFD203-011W3	3 3/16	2 31/64	21/64	19/32	7/32	2 5/16	1 3/64	1.126	0.256	5/16		
20 3/4	JELFD204W3	90	71	9.5	17	10	67	33	31	7.5	M8		
	JELFD204-012W3	3 7/16	2 51/64	3/8	21/32	25/64	2 5/8	1 19/64	1.220	0.295	5/16		
25 1 1/8 7/8 1 1/16	JELFD205W3	95	76	9.5	17	10	71	33	31	7.5	M8		
	JELFD205-013W3 JELFD205-014W3 JELFD205-015W3 JELFD205-100W3	3 3/4	2 63/64	3/8	21/32	25/64	2 25/32	1 19/64	1.220	0.295	5/16		
30 1 1/8 1 1/8 1 1/8 1 1/4	JELFD206W3	113	90	12	21	12	84	38.7	35.7	9	M10		
	JELFD206-101W3 JELFD206-102W3 JELFD206-103W3 JELFD206-104W3	4 1/8	3 35/64	15/32	19/16	1 1/2	3 1/16	1 7/32	1.406	0.354	3/8		
35 1 1/4 1 5/8 1 3/8 1 7/8	JELFD207W3	125	100	12.5	22	12	94	41.9	38.9	9.5	M10		
	JELFD207-104W3 JELFD207-105W3 JELFD207-106W3 JELFD207-107W3	4 7/8	3 15/16	31/64	7/8	1 1/2	3 11/16	1 21/32	1.531	0.374	3/8		
40 1 1/2 1 5/8	JELFD208W3	148	119	14.5	25	13.5	104	47.2	43.7	11	M12		
	JELFD208-108W3 JELFD208-109W3	5 7/8	4 11/16	37/64	25/32	1 1/2	4 3/32	1 21/32	1.720	0.433	7/16		

Note (*) If relubricatable type is needed, please order with suffix "A" "D1". Example: A-JELFD201D1W3

Bearing number	Housing number	Mass of unit kg lb
JEL201W3	FD201	0.3
JEL201-008W3	FD201	0.7
JEL202W3	FD201	0.3
JEL202-009W3	FD201	0.7
JEL202-010W3	FD201	0.3
JEL203W3	FD201	0.3
JEL203-011W3	FD201	0.7
AEL204W3	FD204	0.4
JEL204-012W3	FD204	0.9
JEL205W3	FD205	0.5
JEL205-013W3	FD205	
JEL205-014W3	FD205	1.1
JEL205-015W3	FD205	
JEL205-100W3	FD205	
JEL206W3	FD206	0.8
JEL206-101W3	FD206	
JEL206-102W3	FD206	1.8
JEL206-103W3	FD206	
JEL206-104W3	FD206	
JEL207W3	FD207	1.1
JEL207-104W3	FD207	
JEL207-105W3	FD207	2.4
JEL207-106W3	FD207	
JEL207-107W3	FD207	
JEL208W3	FD208	1.5
JEL208-108W3	FD208	
JEL208-109W3	FD208	3.3

AELPF2

Round flanged unit, pressed steel housing Eccentric locking collar type



Shaft dia. mm inch	Unit number	Nominal dimensions							Bolt size mm inch	
		H	J	A ₁	A	B ₁	S	H ₁ min.		
12 1/2	AELPF201W3	81	63.5	4	7.1	14	28.6	6.5	49	M6
	AELPF201-008W3	3 ^{3/16}	2 ^{1/2}	0.157	9 ^{9/16}	1.126	0.256	1 ^{15/16}	1 ^{1/4}	
15 9/16 5/8	AELPF202W3	81	63.5	4	7.1	14	28.6	6.5	49	M6
	AELPF202-009W3 AELPF202-010W3	3 ^{3/16}	2 ^{1/2}	0.157	9 ^{9/16}	1.126	0.256	1 ^{15/16}	1 ^{1/4}	
17 11/16	AELPF203W3	81	63.5	4	7.1	14	28.6	6.5	49	M6
	AELPF203-011W3	3 ^{3/16}	2 ^{1/2}	0.157	9 ^{9/16}	1.126	0.256	1 ^{15/16}	1 ^{1/4}	
20 3/4	AELPF204W3	90	71.5	4	9	16	31	7.5	56	M8
	AELPF204-012W3	3 ^{35/64}	2 ^{19/16}	0.157	23 ^{19/64}	5 ^{5/8}	1.220	0.295	2 ^{7/32}	5 ^{5/16}
25 1 1/8 7/8 1 1/16 1	AELPF205W3	95	76	4	9	18	31	7.5	60	M8
	AELPF205-013W3									
	AELPF205-014W3	3 ^{3/4}	2 ^{65/64}	0.157	23 ^{23/64}	5 ^{23/32}	1.220	0.295	2 ^{3/8}	5 ^{5/16}
	AELPF205-015W3 AELPF205-100W3									
30 1 1/8 1 1/8 1 1/8 1 1/4	AELPF206W3	113	90.5	5.2	11	18	35.7	9	71	M10
	AELPF206-101W3									
	AELPF206-102W3	4 ^{7/16}	3 ^{3/16}	0.205	7 ^{23/16}	23 ^{23/32}	1.406	0.354	2 ^{13/16}	9 ^{3/8}
	AELPF206-103W3 AELPF206-104W3									
35 1 1/4 1 5/8 1 3/8 1 7/8	AELPF207W3	122	100	5.2	11	20	38.9	9.5	81	M10
	AELPF207-104W3									
	AELPF207-105W3	4 ^{13/16}	3 ^{15/16}	0.205	7 ^{25/16}	25 ^{25/32}	1.531	0.374	3 ^{3/16}	9 ^{3/8}
	AELPF207-106W3 AELPF207-107W3									
40 1 1/2 1 5/8	AELPF208W3	148	119	6.8	13.5	21	43.7	11	91	M12
	AELPF208-108W3 AELPF208-109W3	5 ^{9/16}	4 ^{11/16}	0.268	17 ^{13/32}	13 ^{13/16}	1.720	0.433	3 ^{19/32}	1 ^{1/2}

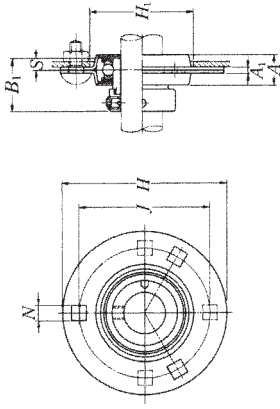
Notes (1) AELPF208 has four bolt holes.

(2) The permissible load only applies in applications where the load is stable and the speed is 2400 min⁻¹ or less.

Max. load (2) N lbf	Bearing number	Housing number	Mass of unit kg lb	Max. load (2)	
				radial	axial
2 700 600	AEL201W3	PF203	0.3	1 350	
	AEL201-008W3	PF203	0.7	300	
2 700	AEL202W3	PF203	0.3	1 350	
	AEL202-009W3 AEL202-010W3	PF203 PF203	0.7	300	
2 700	AEL203W3	PF203	0.3	1 350	
	AEL203-011W3	PF203	0.7	300	
3 000 660	AEL204W3	PF204	0.3	1 500	
	AEL204-012W3	PF204	0.7	330	
4 000	AEL205W3	PF205	0.4	2 000	
	AEL205-013W3	PF205			
	AEL205-014W3	PF205			
	AEL205-015W3 AEL205-100W3	PF205 PF205	0.9	440	
5 000	AEL206W3	PF206	0.6	2 500	
	AEL206-101W3	PF206			
	AEL206-102W3	PF206			
	AEL206-103W3 AEL206-104W3	PF206 PF206	1.3	550	
6 000	AEL207W3	PF207	0.8	3 000	
	AEL207-104W3	PF207			
	AEL207-105W3	PF207			
	AEL207-106W3 AEL207-107W3	PF207 PF207	1.8	650	
7 000 1 500	AEL208W3	PF208	1.4	3 500	
	AEL208-108W3	PF208			
	AEL208-109W3	PF208			
				750	

JELPF2

Round flanged unit, pressed steel housing Eccentric locking collar type



Shaft dia. mm inch	Unit number	Nominal dimensions							Bolt size mm inch	
		H	J	A ₁	A	B ₁	S	H ₁ mm.		
12 1/2	JELPF201W3	81	63.5	4	7.1	14	28.6	6.5	49	M6
	JELPF201-008W3	3 ^{3/16}	2 ^{1/2}	0.157	9 ^{9/16}	1.126	0.256	1 ^{15/16}	1 ^{1/4}	
15 9 ^{9/16} 5 ^{5/8}	JELPF202W3	81	63.5	4	7.1	14	28.6	6.5	49	M6
	JELPF202-009W3 JELPF202-010W3	3 ^{3/16}	2 ^{1/2}	0.157	9 ^{9/16}	1.126	0.256	1 ^{15/16}	1 ^{1/4}	
17 1 ^{1/16}	JELPF203W3	81	63.5	4	7.1	14	28.6	6.5	49	M6
	JELPF203-011W3	3 ^{3/16}	2 ^{1/2}	0.157	9 ^{9/16}	1.126	0.256	1 ^{15/16}	1 ^{1/4}	
20 3/4	JELPF204W3	90	71.5	4	9	16	31	7.5	56	M8
	JELPF204-012W3	3 ^{35/64}	2 ^{19/16}	0.157	23 ^{23/64}	5 ^{5/8}	1.220	0.295	2 ^{7/32}	5 ^{5/16}
25 1 ^{13/16} 7/8 1 ^{1/16} 1	JELPF205W3	95	76	4	9	18	31	7.5	60	M8
	JELPF205-013W3									
	JELPF205-014W3	3 ^{3/4}	2 ^{65/64}	0.157	23 ^{23/64}	7 ^{7/32}	1.220	0.295	2 ^{3/8}	5 ^{5/16}
	JELPF205-015W3 JELPF205-100W3									
30 1 ^{1/16} 1 ^{1/8} 1 ^{1/16} 1 ^{1/4}	JELPF206W3	113	90.5	5.2	11	18	35.7	9	71	M10
	JELPF206-101W3									
	JELPF206-102W3	4 ^{7/16}	3 ^{3/16}	0.205	7 ^{7/16}	23 ^{23/32}	1.406	0.354	2 ^{13/16}	3 ^{3/8}
	JELPF206-103W3 JELPF206-104W3									
35 1 ^{1/4} 1 ^{5/8} 1 ^{3/8} 1 ^{7/16}	JELPF207W3	122	100	5.2	11	20	38.9	9.5	81	M10
	JELPF207-104W3									
	JELPF207-105W3	4 ^{9/16}	3 ^{15/16}	0.205	7 ^{7/16}	25 ^{25/32}	1.531	0.374	3 ^{3/16}	3 ^{3/8}
	JELPF207-106W3 JELPF207-107W3									
40 1 ^{1/2} 1 ^{5/8}	JELPF208W3	148	119	6.8	13.5	21	43.7	11.0	91	M12
	JELPF208-108W3 JELPF208-109W3	5 ^{9/16}	4 ^{11/16}	0.268	17 ^{17/32}	13 ^{13/16}	1.720	0.433	3 ^{19/32}	1 ^{1/2}

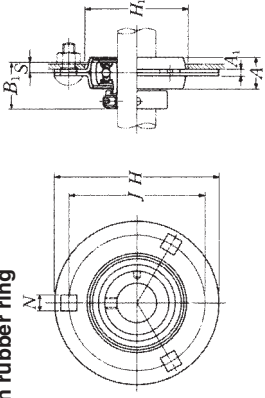
Notes (1) JELPF208 has four bolt holes.

(2) The permissible load only applies in applications where the load is stable and the speed is 2400 min⁻¹ or less.

Max. load (2) N lbf	Bearing number	Housing number	Mass of unit kg lb	axial	
				radial	axial
2 700 600	JEL201W3	PF203	0.3	2 700	1 350
	JEL201-008W3	PF203	0.7	600	300
2 700	JEL202W3	PF203	0.3	2 700	1 350
	JEL202-009W3 JEL202-010W3	PF203 PF203	0.7	600	300
2 700	JEL203W3	PF203	0.3	2 700	1 350
	JEL203-011W3	PF203	0.7	600	300
3 000	JEL204W3	PF204	0.3	3 000	1 500
	JEL204-012W3	PF204	0.7	660	330
4 000	JEL205W3	PF205	0.4	4 000	2 000
	JEL205-013W3 JEL205-014W3 JEL205-015W3 JEL205-100W3	PF205 PF205 PF205 PF205	0.9	880	440
5 000	JEL206W3	PF206	0.6	5 000	2 500
	JEL206-101W3 JEL206-102W3 JEL206-103W3 JEL206-104W3	PF206 PF206 PF206 PF206	1.3	1 100	550
6 000	JEL207W3	PF207	0.8	6 000	3 000
	JEL207-104W3 JEL207-105W3 JEL207-106W3 JEL207-107W3	PF207 PF207 PF207 PF207	1.8	1 300	650
7 000	JEL208W3	PF208	1.4	7 000	3 500
	JEL208-108W3 JEL208-109W3	PF208 PF208	3.1	1 500	750

AELRPF2

Round flanged unit, pressed steel housing with rubber ring Eccentric locking collar type



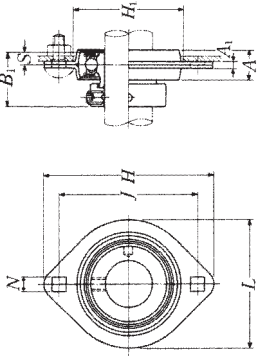
Shaft dia. mm inch	Unit number	Nominal dimensions										Bolt size mm inch
		H	J	A ₁	N	A	B ₁	S	H ₁ mm.	S	H ₁ mm.	
12 1/2	AELRPF201W3	90	71.5	4	9	16	28.6	6.5	56	M8		
	AELRPF201-008W3	3 ³⁵ / ₆₄	2 ¹³ / ₁₆	0.157	23 ²³ / ₆₄	5 ⁵ / ₈	1.126	0.256	2 ⁷ / ₃₂	5 ⁵ / ₁₆		
15 9/16 5/8	AELRPF202W3	90	71.5	4	9	16	28.6	6.5	56	M8		
	AELRPF202-009W3	3 ³⁵ / ₆₄	2 ¹³ / ₁₆	0.157	23 ²³ / ₆₄	5 ⁵ / ₈	1.126	0.256	2 ⁷ / ₃₂	5 ⁵ / ₁₆		
17 11/16	AELRPF203W3	90	71.5	4	9	16	28.6	6.5	56	M8		
	AELRPF203-011W3	3 ³⁵ / ₆₄	2 ¹³ / ₁₆	0.157	23 ²³ / ₆₄	5 ⁵ / ₈	1.126	0.256	2 ⁷ / ₃₂	5 ⁵ / ₁₆		
20 3/4	AELRPF204W3	95	76	4	9	18	31	7.5	60	M8		
	AELRPF204-012W3	3 ³ / ₄	2 ⁶⁵ / ₆₄	0.157	23 ²³ / ₆₄	23 ²³ / ₃₂	1.220	0.295	2 ³ / ₈	5 ⁵ / ₁₆		
25 9/16 7/8 15/16 1	AELRPF205W3	113	90.5	5.2	11	18	31	7.5	71	M10		
	AELRPF205-013W3	4 ¹³ / ₁₆	3 ³ / ₁₆	0.205	7 ⁷ / ₁₆	23 ²³ / ₃₂	1.220	0.295	2 ¹³ / ₁₆	3 ³ / ₈		
	AELRPF205-014W3	4 ⁷ / ₁₆	3 ³ / ₁₆	0.205	7 ⁷ / ₁₆	23 ²³ / ₃₂	1.220	0.295	2 ¹³ / ₁₆	3 ³ / ₈		
	AELRPF205-015W3	4 ⁷ / ₁₆	3 ³ / ₁₆	0.205	7 ⁷ / ₁₆	23 ²³ / ₃₂	1.220	0.295	2 ¹³ / ₁₆	3 ³ / ₈		
30 1 1/8 1 1/8 1 1/8 1 1/4	AELRPF206W3	122	100	5.2	11	20	35.7	9	81	M10		
	AELRPF206-101W3	4 ⁹ / ₁₆	3 ¹⁵ / ₁₆	0.205	7 ⁷ / ₁₆	25 ²⁵ / ₃₂	1.406	0.354	3 ³ / ₁₆	3 ³ / ₈		
	AELRPF206-102W3	4 ⁹ / ₁₆	3 ¹⁵ / ₁₆	0.205	7 ⁷ / ₁₆	25 ²⁵ / ₃₂	1.406	0.354	3 ³ / ₁₆	3 ³ / ₈		
	AELRPF206-103W3	4 ⁹ / ₁₆	3 ¹⁵ / ₁₆	0.205	7 ⁷ / ₁₆	25 ²⁵ / ₃₂	1.406	0.354	3 ³ / ₁₆	3 ³ / ₈		

Note (1) The permissible load only applies in applications where the load is stable and the speed is 2400 min⁻¹ or less.
Remarks When an anti-vibration rubber ring is used, the self alignment capability will be reduce.

Max. load (1) recommended N lbf	Bearing number	Housing number		Mass of unit kg lb
		rubber ring	steel	
1 000 220	AEL201W3	R201	PF204	0.3
	AEL201-008W3	R201	PF204	
1 000 220	AEL202W3	R201	PF204	0.3
	AEL202-009W3	R201	PF204	
1 000 220	AEL202-010W3	R201	PF204	0.7
	AEL203W3	R201	PF204	
1 000 220	AEL203W3	R201	PF204	0.3
	AEL203-011W3	R201	PF204	
1 150 250	AEL204W3	R204	PF205	0.4
	AEL204-012W3	R204	PF205	
1 300 280	AEL205W3	R205	PF206	0.5
	AEL205-013W3	R205	PF206	
	AEL205-014W3	R205	PF206	
	AEL205-015W3	R205	PF206	
1 500 330	AEL205-100W3	R205	PF206	1.1
	AEL206W3	R206	PF207	
1 500 330	AEL206-101W3	R206	PF207	1.5
	AEL206-102W3	R206	PF207	
	AEL206-103W3	R206	PF207	
	AEL206-104W3	R206	PF207	

AELPFL2

Rhombus flanged unit, pressed steel housing Eccentric locking collar type



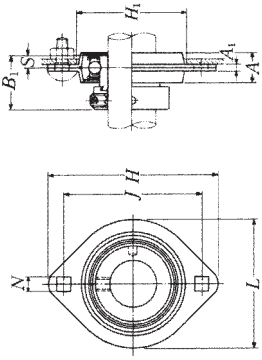
Shaft dia.	Unit number	Nominal dimensions										Bolt size
		mm inch										
mm inch	H	J	A ₁	N	A	L	B ₁	S	H ₁	H ₂	mm inch	
12 1/2	AELPFL201W3	81 3 3/16	63.5 2 1/2	4	7.1 9/32	14 1/2	59 2 5/16	28.6 1.126	6.5 0.256	49 1 15/16	M6 1/4	
	AELPFL201-008W3											
15 9/16 5/8	AELPFL202W3	81	63.5	4	7.1	14	59	28.6	6.5	49	M6	
	AELPFL202-009W3 AELPFL202-010W3	3 3/16 3 3/16	2 1/2 2 1/2	0.157 9/32	9/32 9/32	9/16 9/16	2 5/16 2 5/16	1.126 1.126	0.256 0.256	1 15/16 1 15/16	1/4 1/4	
17 11/16	AELPFL203W3	81	63.5	4	7.1	14	59	28.6	6.5	49	M6	
	AELPFL203-011W3	3 3/16 3 3/16	2 1/2 2 1/2	0.157 9/32	9/32 9/32	9/16 9/16	2 5/16 2 5/16	1.126 1.126	0.256 0.256	1 15/16 1 15/16	1/4 1/4	
20 3/4	AELPFL204W3	90	71.5	4	9	16	67	31	7.5	56	M8	
	AELPFL204-012W3	3 5/8 3 5/8	2 13/16 2 13/16	0.157 23/64	23/64 5/8	2 5/8 2 5/8	2 5/8 2 5/8	1.220 1.220	0.295 0.295	2 3/8 2 3/8	5/8 1/2	
25 1 1/8 7/8 1 1/8 1 1/8 1	AELPFL205W3	95	76	4	9	18	71	31	7.5	60	M8	
	AELPFL205-013W3 AELPFL205-014W3 AELPFL205-015W3 AELPFL205-100W3	3 7/8 3 7/8 3 7/8 3 7/8	2 63/64 2 13/16 2 13/16 2 13/16	0.157 23/64 23/64 23/64	23/64 5/8 5/8 5/8	2 5/8 2 5/8 2 5/8 2 5/8	2 5/8 2 5/8 2 5/8 2 5/8	1.220 1.220 1.220 1.220	0.295 0.295 0.295 0.295	2 3/8 2 3/8 2 3/8 2 3/8	5/8 5/8 5/8 5/8	
30 1 1/8 1 1/8 1 1/8 1 1/4	AELPFL206W3	113	90.5	5.2	11	18	84	35.7	9	71	M10	
	AELPFL206-101W3 AELPFL206-102W3 AELPFL206-103W3 AELPFL206-104W3	4 7/16 4 7/16 4 7/16 4 7/16	3 9/16 3 9/16 3 9/16 3 9/16	0.205 7/32 7/32 7/32	7/32 23/32 23/32 23/32	3 5/16 3 5/16 3 5/16 3 5/16	1.406 1.406 1.406 1.406	0.354 0.354 0.354 0.354	2 13/16 2 13/16 2 13/16 2 13/16	3/4 3/4 3/4 3/4		
35 1 3/8 1 3/8 1 3/8 1 3/8	AELPFL207W3	122	100	5.2	11	20	94	38.9	9.5	81	M10	
	AELPFL207-104W3 AELPFL207-105W3 AELPFL207-106W3 AELPFL207-107W3	4 9/16 4 9/16 4 9/16 4 9/16	3 15/16 3 15/16 3 15/16 3 15/16	0.205 7/32 7/32 7/32	7/32 23/32 23/32 23/32	3 1/16 3 1/16 3 1/16 3 1/16	1.531 1.531 1.531 1.531	0.374 0.374 0.374 0.374	3 3/16 3 3/16 3 3/16 3 3/16	3/4 3/4 3/4 3/4		
40 1 1/2 1 1/2	AELPFL208W3	148	119	6.8	13.5	21	100	43.7	11	91	M12	
	AELPFL208-108W3 AELPFL208-109W3	5 13/16 5 13/16	4 11/16 4 11/16	0.268 17/32	13/16 13/16	3 5/16 3 5/16	1.720 1.720	0.433 0.433	3 3/32 3 3/32	1/2 1/2		

Note (1) The permissible load only applies in applications where the load is stable and the speed is 2400 min⁻¹ or less.

Max. load (1)	Bearing number	Housing number	Mass of unit	N lbf	
				radial	axial
2 700 600	AEL201W3	PFL203W3	0.3	2 700	1 350
	AEL201-008W3	PFL203W3	0.7	600	300
2 700 600	AEL202W3	PFL203W3	0.3	2 700	1 350
	AEL202-009W3 AEL202-010W3	PFL203W3 PFL203W3	0.7 0.7	600 600	300 300
2 700 600	AEL203W3	PFL203W3	0.3	2 700	1 350
	AEL203-011W3	PFL203W3	0.7	600	300
3 000 660	AEL204W3	PFL204W3	0.3	3 000	1 500
	AEL204-012W3	PFL204W3	0.7	660	330
4 000 880	AEL205W3	PFL205W3	0.4	4 000	2 000
	AEL205-013W3 AEL205-014W3 AEL205-015W3 AEL205-100W3	PFL205W3 PFL205W3 PFL205W3 PFL205W3	0.9 0.9 0.9 0.9	880 880 880 880	440 440 440 440
5 000 1 100	AEL206W3	PFL206W3	0.6	5 000	2 500
	AEL206-101W3 AEL206-102W3 AEL206-103W3 AEL206-104W3	PFL206W3 PFL206W3 PFL206W3 PFL206W3	1.3 1.3 1.3 1.3	1 100 1 100 1 100 1 100	550 550 550 550
6 000 1 300	AEL207W3	PFL207W3	0.9	6 000	3 000
	AEL207-104W3 AEL207-105W3 AEL207-106W3 AEL207-107W3	PFL207W3 PFL207W3 PFL207W3 PFL207W3	2.0 2.0 2.0 2.0	1 300 1 300 1 300 1 300	650 650 650 650
6 000 1 300	AEL208W3	PFL208W3	1.3	6 000	3 000
	AEL208-108W3 AEL208-109W3	PFL208W3 PFL208W3	2.9 2.9	1 300 1 300	650 650

JELPFL2

Rhombus flanged unit, pressed steel housing Eccentric locking collar type



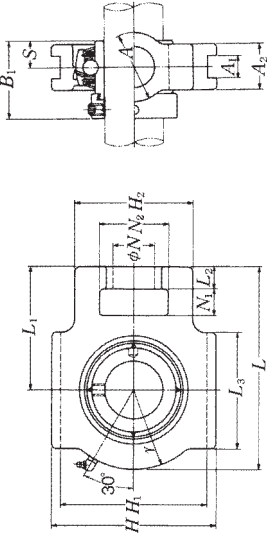
Shaft dia. mm inch	Unit number	Nominal dimensions mm inch										Bolt size	
		H	J	A ₁	N	A	L	B ₁	S	H ₁	M	inch	mm
12 1/2	JELPFL201W3	81	63	4	7.1	14	59	28.6	6.5	49	M6		
	JELPFL201-008W3	3 ³ / ₁₆	2 ³¹ / ₆₄	0.157	9 ⁹ / ₁₆	1.126	2 ⁵ / ₁₆	1.126	0.256	1 ¹⁵ / ₁₆	1/4		
15 9/16 5/8	JELPFL202W3	81	63	4	7.1	14	59	28.6	6.5	49	M6		
	JELPFL202-009W3	3 ³ / ₁₆	2 ³¹ / ₆₄	0.157	9 ⁹ / ₁₆	1.126	2 ⁵ / ₁₆	1.126	0.256	1 ¹⁵ / ₁₆	1/4		
17 11/16	JELPFL203W3	81	63	4	7.1	14	59	28.6	6.5	49	M6		
	JELPFL203-011W3	3 ³ / ₁₆	2 ³¹ / ₆₄	0.157	9 ⁹ / ₁₆	1.126	2 ⁵ / ₁₆	1.126	0.256	1 ¹⁵ / ₁₆	1/4		
20 3/4	JELPFL204W3	90	71	4	9	16	67	31	7.5	56	M8		
	JELPFL204-012W3	3 ³⁵ / ₆₄	2 ⁵¹ / ₆₄	0.157	23 ²³ / ₆₄	5 ⁵ / ₈	2 ⁵ / ₈	1.220	0.295	2 ⁷ / ₃₂	5/16		
25 19/16 7/8 15/16	JELPFL205W3	95	76	4	9	18	71	31	7.5	60	M8		
	JELPFL205-013W3	3 ³ / ₄	2 ⁵³ / ₆₄	0.157	23 ²³ / ₆₄	2 ²⁵ / ₃₂	2 ²⁵ / ₃₂	1.220	0.295	2 ³ / ₈	5/16		
30 1 1/4	JELPFL206W3	113	90	5.2	11	18	84	35.7	9	71	M10		
	JELPFL206-101W3	4 ⁷ / ₁₆	3 ³⁵ / ₆₄	0.205	7 ²³ / ₁₆	2 ²⁵ / ₃₂	3 ⁵ / ₁₆	1.406	0.354	2 ¹⁹ / ₁₆	3/8		
35 1 1/4	JELPFL207W3	122	100	5.2	11	20	94	38.9	9.5	81	M10		
	JELPFL207-104W3	4 ⁹ / ₁₆	3 ¹⁵ / ₁₆	0.205	7 ²⁵ / ₁₆	2 ²⁵ / ₃₂	3 ¹ / ₁₆	1.531	0.374	3 ³ / ₁₆	3/8		
40 1 1/2	JELPFL208W3	148	119	6.8	13.5	21	100	43.7	11	91	M12		
	JELPFL208-108W3	5 ¹³ / ₁₆	4 ¹¹ / ₁₆	0.268	17 ¹³ / ₁₆	3 ¹⁵ / ₁₆	1.720	0.433	3 ¹⁹ / ₃₂	1/2			

Note (1) The permissible load only applies in applications where the load is stable and the speed is 2400 min⁻¹ or less.

Max. load (1) N lbf	Bearing number	Housing number	Mass of unit kg lb	Max. load (1) N lbf	
				radial	axial
2 700 600	JEL201W3	PFL203W3	0.3	2 700	1 350
	JEL201-008W3	PFL203W3	0.7	600	300
2 700 600	JEL202W3	PFL203W3	0.3	2 700	1 350
	JEL202-009W3	PFL203W3	0.7	600	300
2 700 600	JEL203W3	PFL203W3	0.3	2 700	1 350
	JEL203-011W3	PFL203W3	0.7	600	300
3 000 660	JEL204W3	PFL204W3	0.3	3 000	1 500
	JEL204-012W3	PFL204W3	0.7	660	330
4 000 880	JEL205W3	PFL205W3	0.4	4 000	2 000
	JEL205-013W3	PFL205W3	0.9	880	440
5 000 1 100	JEL206W3	PFL206W3	0.6	5 000	2 500
	JEL206-101W3	PFL206W3	1.3	1 100	550
6 000 1 300	JEL207W3	PFL207W3	0.9	6 000	3 000
	JEL207-104W3	PFL207W3	2.0	1 300	650
6 000 1 300	JEL208W3	PFL208W3	1.3	6 000	3 000
	JEL208-108W3	PFL208W3	2.9	1 300	650

UELT2

Take-up unit, cast housing Eccentric locking collar type



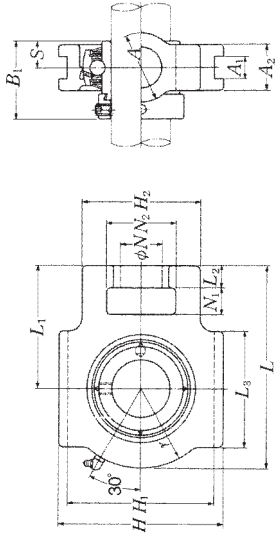
Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch												
		N ₁	L ₂	H ₂	N ₂	N	L ₃	A ₁	H ₁	H	L	A ₂	A	
55	UELT211D1W3	25	21	102	64	35	95	22	130	146	171	38	64	
2	UELT211-200D1W3													
2 ¹ / ₁₆	UELT211-201D1W3	3 ³ / ₁₆	13 ¹ / ₁₆	4 ¹ / ₃₂	2 ⁷ / ₃₂	1 ³ / ₈	3 ³ / ₈	0.866	5 ¹ / ₈	5 ³ / ₄	6 ²³ / ₃₂	1 ¹ / ₂	2 ¹⁷ / ₃₂	
2 ¹ / ₈	UELT211-202D1W3													
2 ³ / ₁₆	UELT211-203D1W3													
60	UELT212D1W3	32	21	102	64	35	102	22	130	146	194	42	64	
2 ¹ / ₄	UELT212-204D1W3													
2 ⁵ / ₁₆	UELT212-205D1W3	1 ¹ / ₄	13 ¹ / ₁₆	4 ¹ / ₃₂	2 ⁷ / ₃₂	1 ³ / ₈	4 ¹ / ₃₂	0.866	5 ¹ / ₈	5 ³ / ₄	7 ⁵ / ₈	1 ²¹ / ₃₂	2 ¹⁷ / ₃₂	
2 ³ / ₈	UELT212-206D1W3													
2 ⁷ / ₁₆	UELT212-207D1W3													
65	UELT213D1W3	32	23	111	70	41	121	26	151	167	224	44	70	
2 ¹ / ₂	UELT213-208D1W3													
2 ⁹ / ₁₆	UELT213-209D1W3	1 ¹ / ₄	29 ¹ / ₃₂	4 ³ / ₈	2 ³ / ₄	1 ⁵ / ₈	4 ³ / ₄	1.024	5 ¹⁵ / ₁₆	6 ⁹ / ₁₆	8 ¹⁹ / ₁₆	1 ²³ / ₃₂	2 ³ / ₄	
70	UELT214D1W3	32	23	111	70	41	121	26	151	167	224	46	70	
2 ⁵ / ₈	UELT214-210D1W3													
2 ¹ / ₂	UELT214-211D1W3	1 ¹ / ₄	29 ¹ / ₃₂	4 ³ / ₈	2 ³ / ₄	1 ⁵ / ₈	4 ³ / ₄	1.024	5 ¹⁵ / ₁₆	6 ⁹ / ₁₆	8 ¹³ / ₁₆	1 ¹³ / ₁₆	2 ³ / ₄	
2 ³ / ₄	UELT214-212D1W3													
75	UELT215D1W3	32	23	111	70	41	121	26	151	167	232	48	70	
2 ¹³ / ₁₆	UELT215-213D1W3													
2 ⁷ / ₈	UELT215-214D1W3	1 ¹ / ₄	29 ¹ / ₃₂	4 ³ / ₈	2 ³ / ₄	1 ⁵ / ₈	4 ³ / ₄	1.024	5 ¹⁵ / ₁₆	6 ⁹ / ₁₆	9 ¹ / ₈	1 ⁷ / ₈	2 ³ / ₄	
2 ¹⁵ / ₁₆	UELT215-215D1W3													
3	UELT215-300D1W3													

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Nominal dimensions mm inch	Bearing number	Housing number	Mass of unit kg lb	
				r
65	106	71.4	27.75	4.2
	UEL211D1W3	T211D1		
	UEL211-200D1W3	T211D1		
	UEL211-201D1W3	T211D1		
2 ⁹ / ₁₆	4 ³ / ₁₆	2.811	1.093	9.3
	UEL211-202D1W3	T211D1		
	UEL211-203D1W3	T211D1		
75	119	77.8	30.95	5.2
	UEL212D1W3	T212D1		
	UEL212-204D1W3	T212D1		
	UEL212-205D1W3	T212D1		
2 ¹⁵ / ₁₆	4 ¹ / ₁₆	3.063	1.219	11
	UEL212-206D1W3	T212D1		
	UEL212-207D1W3	T212D1		
87	137	85.7	34.15	7.7
	UEL213D1W3	T213D1		
	UEL213-208D1W3	T213D1		
3 ⁷ / ₁₆	5 ¹³ / ₃₂	3.374	1.344	17
	UEL213-209D1W3	T213D1		
87	137	85.7	34.15	7.3
	UEL214D1W3	T214D1		
	UEL214-210D1W3	T214D1		
3 ⁷ / ₁₆	5 ¹³ / ₃₂	3.374	1.344	16
	UEL214-211D1W3	T214D1		
	UEL214-212D1W3	T214D1		
92	140	92	37.3	7.8
	UEL215D1W3	T215D1		
	UEL215-213D1W3	T215D1		
3 ⁵ / ₈	5 ¹ / ₂	3.622	1.469	17
	UEL215-214D1W3	T215D1		
	UEL215-215D1W3	T215D1		
	UEL215-300D1W3	T215D1		

UFLT3

Take-up unit, cast housing Eccentric locking collar type



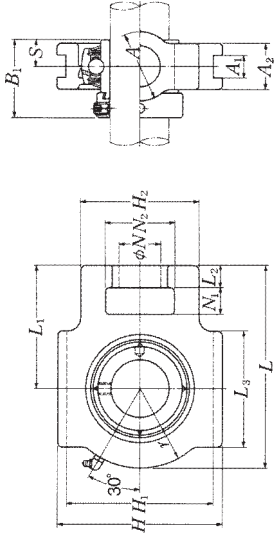
Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch												
		N ₁	L ₂	H ₂	N ₂	N	L ₃	A ₁	H ₁	H	L	A ₂	A	
25 ¹⁹ / ₁₆	UFLT305D1W3	16	14	62	36	26	65	12	80	89	122	26	36	
	UFLT305-013D1W3													
	UFLT305-014D1W3													
	UFLT305-015D1W3													
1	UFLT305-100D1W3													
30 ¹ / ₁₆	UFLT306D1W3	18	16	70	41	28	74	16	90	100	137	28	41	
	UFLT306-101D1W3													
	UFLT306-102D1W3													
	UFLT306-103D1W3													
35 ¹ / ₄	UFLT307D1W3	20	17	75	45	30	80	16	100	111	150	32	45	
	UFLT307-104D1W3													
	UFLT307-105D1W3													
	UFLT307-106D1W3													
	UFLT307-107D1W3													
40 ¹ / ₂	UFLT308D1W3	22	19	83	50	32	89	18	112	124	162	34	50	
	UFLT308-108D1W3													
	UFLT308-109D1W3													
45 ¹ / ₈	UFLT309D1W3	24	20	90	55	34	97	18	125	138	178	38	55	
	UFLT309-110D1W3													
	UFLT309-111D1W3													
	UFLT309-112D1W3													
50 ¹ / ₂	UFLT310D1W3	27	22	98	61	37	106	20	140	151	192	40	61	
	UFLT310-113D1W3													
	UFLT310-114D1W3													
	UFLT310-115D1W3													

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Nominal dimensions mm inch				Bearing number	Housing number	Mass of unit kg lb
r	L ₁	B ₁	S			
46	76	46.8	16.7	UEL305D1W3	T305D1	1.4
				UEL305-013D1W3	T305D1	
				UEL305-014D1W3	T305D1	
				UEL305-015D1W3	T305D1	
				UEL305-100D1W3	T305D1	
52	85	50	17.5	UEL306D1W3	T306D1	1.9
				UEL306-101D1W3	T306D1	
				UEL306-102D1W3	T306D1	
				UEL306-103D1W3	T306D1	
56	94	51.6	18.3	UEL307D1W3	T307D1	2.4
				UEL307-104D1W3	T307D1	
				UEL307-105D1W3	T307D1	
				UEL307-106D1W3	T307D1	
				UEL307-107D1W3	T307D1	
62	100	57.1	19.8	UEL308D1W3	T308D1	3.1
				UEL308-108D1W3	T308D1	
				UEL308-109D1W3	T308D1	
68	110	58.7	19.8	UEL309D1W3	T309D1	4.1
				UEL309-110D1W3	T309D1	
				UEL309-111D1W3	T309D1	
				UEL309-112D1W3	T309D1	
74	118	66.6	24.6	UEL310D1W3	T310D1	5.2
				UEL310-113D1W3	T310D1	
				UEL310-114D1W3	T310D1	
				UEL310-115D1W3	T310D1	

UELT3

Take-up unit, cast housing Eccentric locking collar type



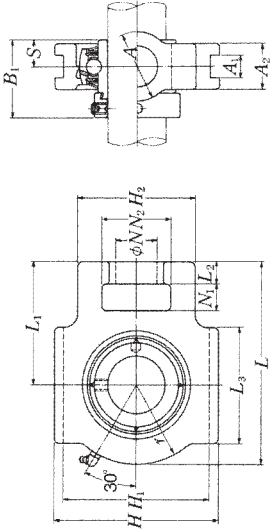
Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch												
		N ₁	L ₂	H ₂	N ₂	N	L ₃	A ₁	H ₁	H	L	A ₂	A	
55	UELT311D1W3	29	23	105	66	39	115	22	150	163	207	44	66	
2	UELT311-200D1W3													
2 1/16	UELT311-201D1W3	1 5/32	29/32	4 1/8	2 9/32	1 17/32	4 7/32	0.866	5 29/32	6 9/32	8 5/32	1 23/32	2 19/32	
2 1/8	UELT311-202D1W3													
2 3/16	UELT311-203D1W3													
60	UELT312D1W3	31	25	113	71	41	123	22	160	178	220	46	71	
2 1/4	UELT312-204D1W3													
2 5/16	UELT312-205D1W3	1 7/32	31/32	4 7/16	2 25/32	1 5/8	4 27/32	0.866	6 9/16	7	8 27/32	1 19/16	2 25/32	
2 1/2	UELT312-206D1W3													
2 7/16	UELT312-207D1W3													
65	UELT313D1W3	32	27	116	70	43	134	26	170	190	238	50	80	
2 1/2	UELT313-208D1W3	1 1/4	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	1 31/32	3 5/32	
2 9/16	UELT313-209D1W3													
70	UELT314D1W3	36	27	130	85	46	140	26	180	202	252	52	90	
2 5/8	UELT314-210D1W3													
2 11/16	UELT314-211D1W3	1 13/32	1 1/16	5 1/8	3 1/32	1 13/16	5 1/2	1.024	7 3/32	7 15/16	9 29/32	2 1/16	3 17/32	
2 3/4	UELT314-212D1W3													
75	UELT315D1W3	36	27	132	85	46	150	26	192	216	262	55	90	
2 13/16	UELT315-213D1W3													
2 7/8	UELT315-214D1W3	1 13/32	1 1/16	5 3/8	3 1/32	1 13/16	5 29/32	1.024	7 9/16	8 1/2	10 5/16	2 5/32	3 17/32	
2 15/16	UELT315-215D1W3													
3	UELT315-300D1W3													
80	UELT316D1W3	42	30	150	98	53	160	30	204	230	282	60	102	
3 1/16	UELT316-301D1W3													
3 1/8	UELT316-302D1W3	1 21/32	1 3/16	5 29/32	3 5/32	2 3/32	6 5/16	1.181	8 1/32	9 1/16	11 3/32	2 3/8	4 1/32	
3 3/16	UELT316-303D1W3													

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Nominal dimensions mm inch				Bearing number	Housing number	Mass of unit kg lb
r	L ₁	B ₁	S			
80	127	73	27.8	UEL311D1W3 UEL311-200D1W3 UEL311-201D1W3 UEL311-202D1W3 UEL311-203D1W3	T311D1 T311D1 T311D1 T311D1 T311D1	6.6 15
85	135	79.4	30.95	UEL312D1W3 UEL312-204D1W3 UEL312-205D1W3 UEL312-206D1W3 UEL312-207D1W3	T312D1 T312D1 T312D1 T312D1 T312D1	7.9 17
92	146	85.7	32.55	UEL313D1W3 UEL313-208D1W3 UEL313-209D1W3	T313D1 T313D1 T313D1	9.8 22
97	155	92.1	34.15	UEL314D1W3 UEL314-210D1W3 UEL314-211D1W3 UEL314-212D1W3	T314D1 T314D1 T314D1 T314D1	11 24
102	160	100	37.3	UEL315D1W3 UEL315-213D1W3 UEL315-214D1W3 UEL315-215D1W3 UEL315-300D1W3	T315D1 T315D1 T315D1 T315D1 T315D1	14 31
108	174	106.4	40.5	UEL316D1W3 UEL316-301D1W3 UEL316-302D1W3 UEL316-303D1W3	T316D1 T316D1 T316D1 T316D1	17 37

UELT3

Take-up unit, cast housing Eccentric locking collar type



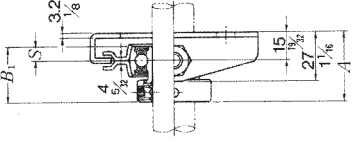
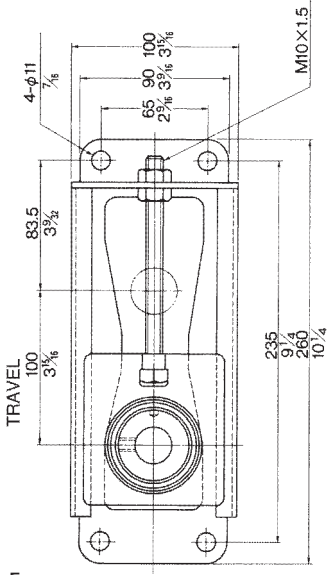
Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch												
		N ₁	L ₂	H ₂	N ₂	N	L ₃	A ₁	H ₁	H	L	A ₂	A	
85	UELT317D1W3	42	32	152	98	53	170	32	214	240	298	64	102	
3 1/4	UELT317-304D1W3													
3 5/16	UELT317-305D1W3	1 1/2	1 1/4	5 3/16	3 27/32	2 3/32	6 13/16	1.260	8 27/64	9 7/16	11 23/32	2 17/32	4 1/2	
3 7/16	UELT317-307D1W3													
90	UELT318D1W3	46	32	160	106	57	175	32	228	255	312	66	110	
3 7/16	UELT318-307D1W3	1 13/16	1 1/4	6 5/16	4 3/16	2 1/4	6 7/8	1.260	8 9/32	10 1/32	12 9/32	2 19/32	4 11/32	
3 1/2	UELT318-308D1W3													
95	UELT319D1W3	46	33	165	106	57	180	35	240	270	322	72	110	
3 5/8	UELT319-310D1W3													
3 7/8	UELT319-311D1W3	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	2 27/32	4 11/32	
3 3/4	UELT319-312D1W3													
100	UELT320D1W3	48	34	175	115	59	200	35	260	290	345	75	120	
3 9/16	UELT320-313D1W3													
3 7/8	UELT320-314D1W3	1 7/8	1 1/2	6 7/8	4 7/32	2 5/16	7 7/8	1.378	10 15/64	11 3/8	13 19/32	2 15/16	4 23/32	
3 5/8	UELT320-315D1W3													
4	UELT320-400D1W3													
105	UELT321D1W3	48	34	175	115	59	200	35	260	290	347	75	120	
110	UELT322D1W3	52	40	185	125	65	215	38	285	320	385	80	130	

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

Nominal dimensions mm inch				Bearing number	Housing number	Mass of unit kg lb
r	L ₁	B ₁	S			
115	183	109.5	42.05	UEL317D1W3 UEL317-304D1W3 UEL317-305D1W3 UEL317-307D1W3	T317D1 T317D1 T317D1 T317D1	20 44
120	192	115.9	43.65	UEL318D1W3 UEL318-307D1W3 UEL318-308D1W3	T318D1 T318D1 T318D1	23 51
125	197	122.3	38.9	UEL319D1W3 UEL319-310D1W3 UEL319-311D1W3 UEL319-312D1W3	T319D1 T319D1 T319D1 T319D1	26 57
135	210	128.6	50	UEL320D1W3 UEL320-313D1W3 UEL320-314D1W3 UEL320-315D1W3 UEL320-400D1W3	T320D1 T320D1 T320D1 T320D1 T320D1	32 71
135	212	138.7	48.4	UEL321D1W3	T321D1	33
150	235	141.3	49.2	UEL322D1W3	T322D1	42

AELPT2 -

Take-up mini stretcher Units™ Eccentric locking collar type



AELPT type

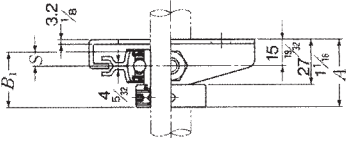
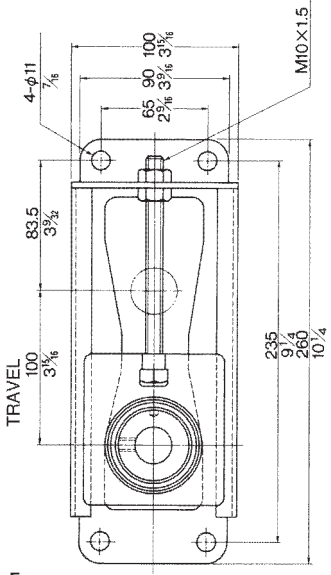
Shaft dia. mm inch	Unit number	Nominal dimensions mm inch			Bolt size mm inch	Max. load (1) recommended N lbf
		A	B ₁	S		
12 1/2	AELPT201-10W3	37.1 1 1/4	28.6 1.126	6.5 0.256	M10 3/8	3 430 770
	AELPT201-008-10W3					
15 9/16 5/8	AELPT202-10W3	37.1 1 1/4	28.6 1.126	6.5 0.256	M10 3/8	3 430 770
	AELPT202-009-10W3					
17 11/16	AELPT203-10W3	37.1 1 1/4	28.6 1.126	6.5 0.256	M10 3/8	3 430 770
	AELPT203-011-10W3					
20 3/4	AELPT204-10W3	38.5 1 3/8	31 1.220	7.5 0.295	M10 3/8	3 430 770
	AELPT204-012-10W3					
25 1 1/8 7/8 1 1/16	AELPT205-10W3	38.5 1 3/8	31 1.220	7.5 0.295	M10 3/8	3 430 770
	AELPT205-013-10W3					
	AELPT205-014-10W3					
	AELPT205-015-10W3					
1	AELPT205-100-10W3					

Note (1) The Stretcher Units is designed to only take a horizontal radial load, in line with the adjustment direction. Axial loads or vertical radial loads can deform or break the housing.

Bearing number	Mass of unit kg lb
AEL201W3	1.1
AEL201-008W3	2.4
AEL202W3	1.1
AEL202-009W3	2.4
AEL202-010W3	
AEL203W3	1.1
AEL203-011W3	2.4
AEL204W3	1.1
AEL204-012W3	2.4
AEL205W3	1.2
AEL205-013W3	
AEL205-014W3	2.6
AEL205-015W3	
AEL205-100W3	

JELPT2 -

Take-up mini stretcher Units™ Eccentric locking collar type



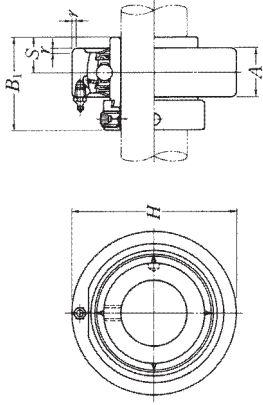
Shaft dia. mm inch	Unit number	Nominal dimensions mm inch			Bolt size mm inch	Max. load (1) recommended N lbf
	A	B_1	S			
12 1/2	JELPT201-10W3	37.1 1 1/8	28.6 1.126	6.5 0.256	M10 3/8	3 430 770
	JELPT201-008-10W3					
15 9/16 5/8	JELPT202-10W3	37.1 1 1/8	28.6 1.126	6.5 0.256	M10 3/8	3 430 770
	JELPT202-009-10W3					
17 11/16	JELPT203-10W3	37.1 1 1/8	28.6 1.126	6.5 0.256	M10 3/8	3 430 770
	JELPT203-011-10W3					
20 3/4	JELPT204-10W3	38.5 1 3/8	31 1.220	7.5 0.295	M10 3/8	3 430 770
	JELPT204-012-10W3					
25 1 1/8 7/8 1 1/16	JELPT205-10W3	38.5 1 3/8	31 1.220	7.5 0.295	M10 3/8	3 430 770
	JELPT205-013-10W3					
	JELPT205-014-10W3					
	JELPT205-015-10W3					
1	JELPT205-100-10W3					

Note (1) The Stretcher Units is designed to only take a horizontal radial load, in line with the adjustment direction. Axial loads or vertical radial loads can deform or break the housing.

Bearing number	Mass of unit kg lb
JEL201W3	1.1
JEL201-008W3	2.4
JEL202W3	1.1
JEL202-009W3	2.4
JEL202-010W3	
JEL203W3	1.1
JEL203-011W3	2.4
JEL204W3	1.1
JEL204-012W3	2.4
JEL205W3	1.2
JEL205-013W3	
JEL205-014W3	2.6
JEL205-015W3	
JEL205-100W3	

UEL2C

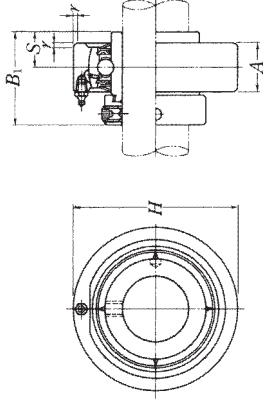
Cartridge unit, cast housing Eccentric locking collar type



Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch					Bearing number	Housing number	Mass of unit kg lb
		H	A	r	B ₁	S			
20 3/4	UEL204D1W3	72	20	2	43.7	17.1	UEL204D1W3	C204D1	0.6
	UEL204-012D1W3	2.8946	25/32	0.079	1.720	0.673	UEL204-012D1W3	C204D1	1.3
25 19/16 7/8 1 1/16	UEL205D1W3	80	22	2	44.4	17.45	UEL205D1W3	C205D1	0.7
	UEL205-013D1W3						UEL205-013D1W3	C205D1	
	UEL205-014D1W3						UEL205-014D1W3	C205D1	
	UEL205-015D1W3	3.1496	59/64	0.079	1.748	0.687	UEL205-015D1W3	C205D1	1.5
	UEL205-100D1W3						UEL205-100D1W3	C205D1	
30 1 1/16 1 1/8 1 3/16 1 1/4	UEL206D1W3	85	27	2	48.4	18.25	UEL206D1W3	C206D1	0.9
	UEL206-101D1W3						UEL206-101D1W3	C206D1	
	UEL206-102D1W3						UEL206-102D1W3	C206D1	
	UEL206-103D1W3	3.3465	1 1/16	0.079	1.906	0.719	UEL206-103D1W3	C206D1	2.0
	UEL206-104D1W3						UEL206-104D1W3	C206D1	
35 1 1/4 1 1/2 1 5/8 1 3/4	UEL207D1W3	90	28	2	51.1	18.8	UEL207D1W3	C207D1	1.0
	UEL207-104D1W3						UEL207-104D1W3	C207D1	
	UEL207-105D1W3						UEL207-105D1W3	C207D1	
	UEL207-106D1W3	3.5433	1 1/8	0.079	2.012	0.740	UEL207-106D1W3	C207D1	2.2
	UEL207-107D1W3						UEL207-107D1W3	C207D1	
40 1 1/2 1 5/8	UEL208D1W3	100	30	2.5	56.3	21.4	UEL208D1W3	C208D1	1.4
	UEL208-108D1W3						UEL208-108D1W3	C208D1	
	UEL208-109D1W3	3.9370	1 3/16	0.098	2.217	0.843	UEL208-109D1W3	C208D1	3.1
45 1 5/8 1 3/4	UEL209D1W3	110	31	2.5	56.3	21.4	UEL209D1W3	C209D1	1.6
	UEL209-110D1W3						UEL209-110D1W3	C209D1	
	UEL209-111D1W3	4.3307	1 3/8	0.098	2.217	0.843	UEL209-111D1W3	C209D1	3.5
	UEL209-112D1W3						UEL209-112D1W3	C209D1	

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

UEL2C

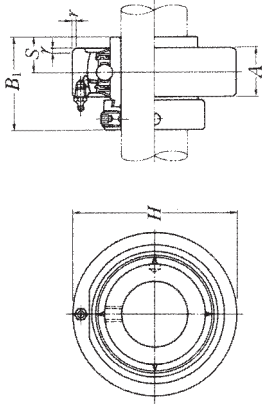


Shaft dia. mm inch	Unit number (*)	Nominal dimensions mm inch					Bearing number	Housing number	Mass of unit kg lb
		H	A	r	B ₁	S			
50 1 7/8 1 7/8 1 15/16 2	UEL210D1W3	120	33	2.5	62.7	24.6	UEL210D1W3	C210D1	2.1
	UEL210-113D1W3						UEL210-113D1W3	C210D1	
	UEL210-114D1W3						UEL210-114D1W3	C210D1	
	UEL210-115D1W3	4.7244	1 9/16	0.098	2.469	0.969	UEL210-115D1W3	C210D1	4.6
	UEL210-200D1W3						UEL210-200D1W3	C210D1	
55 2 1/16 2 3/16 2 3/8	UEL211D1W3	125	35	2.5	71.4	27.75	UEL211D1W3	C211D1	2.4
	UEL211-200D1W3						UEL211-200D1W3	C211D1	
	UEL211-201D1W3						UEL211-201D1W3	C211D1	
	UEL211-202D1W3	4.9213	1 3/8	0.098	2.811	1.093	UEL211-202D1W3	C211D1	5.3
	UEL211-203D1W3						UEL211-203D1W3	C211D1	
60 2 1/4 2 3/8 2 7/8	UEL212D1W3	130	38	2.5	77.8	30.95	UEL212D1W3	C212D1	2.8
	UEL212-204D1W3						UEL212-204D1W3	C212D1	
	UEL212-205D1W3						UEL212-205D1W3	C212D1	
	UEL212-206D1W3	5.1181	1 1/2	0.098	3.063	1.219	UEL212-206D1W3	C212D1	6.2
	UEL212-207D1W3						UEL212-207D1W3	C212D1	

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

UEL3C

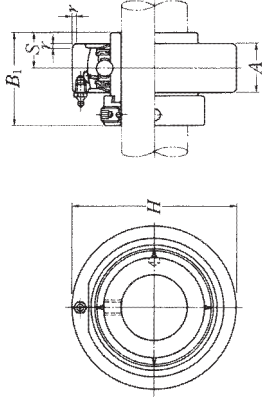
Cartridge unit, cast housing Eccentric locking collar type



Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch					Bearing number	Housing number	Mass of unit kg lb
		H	A	r	B ₁	S			
25 1 ³ / ₁₆ 7 ⁷ / ₈ 1 ¹¹ / ₁₆ 1	UEL3C05D1W3	90	26	2.5	46.8	16.7	UEL305D1W3	C305D1	1.0
	UEL3C05-013D1W3						UEL305-013D1W3	C305D1	
	UEL3C05-014D1W3	3.5433	1 ¹ / ₃₂	0.098	1.843	0.657	UEL305-014D1W3	C305D1	2.2
	UEL3C05-015D1W3						UEL305-015D1W3	C305D1	
	UEL3C05-100D1W3						UEL305-100D1W3	C305D1	
30 1 ¹ / ₁₆ 1 ¹ / ₈ 1 ³ / ₈ 1 ⁵ / ₈	UEL3C06D1W3	100	28	2.5	50	17.5	UEL306D1W3	C306D1	1.4
	UEL3C06-101D1W3						UEL306-101D1W3	C306D1	
	UEL3C06-102D1W3	3.9370	1 ¹ / ₆₄	0.098	1.969	0.689	UEL306-102D1W3	C306D1	3.1
	UEL3C06-103D1W3						UEL306-103D1W3	C306D1	
	UEL3C07D1W3	110	32	3	51.6	18.3	UEL307D1W3	C307D1	1.8
35 1 ¹ / ₄ 1 ⁵ / ₈ 1 ⁷ / ₈ 1 ¹ / ₂	UEL3C07-104D1W3						UEL307-104D1W3	C307D1	
	UEL3C07-105D1W3	4.3307	1 ¹ / ₆₄	0.118	2.031	0.720	UEL307-105D1W3	C307D1	4.0
	UEL3C07-106D1W3						UEL307-106D1W3	C307D1	
	UEL3C07-107D1W3						UEL307-107D1W3	C307D1	
	UEL3C08D1W3	120	34	3	57.1	19.8	UEL308D1W3	C308D1	2.3
40 1 ¹ / ₂ 1 ³ / ₈	UEL3C08-108D1W3	4.7244	1 ¹ / ₃₂	0.118	2.248	0.780	UEL308-108D1W3	C308D1	5.1
	UEL3C08-109D1W3						UEL308-109D1W3	C308D1	
	UEL3C09D1W3	130	38	3.5	58.7	19.8	UEL309D1W3	C309D1	2.9
45 1 ⁵ / ₈ 1 ¹ / ₂ 1 ³ / ₄	UEL3C09-110D1W3						UEL309-110D1W3	C309D1	
	UEL3C09-111D1W3	5.1181	1 ¹ / ₂	0.138	2.311	0.780	UEL309-111D1W3	C309D1	6.4
	UEL3C09-112D1W3						UEL309-112D1W3	C309D1	
	UEL3C10D1W3	140	40	3.5	66.6	24.6	UEL310D1W3	C310D1	3.5
50 1 ³ / ₈ 1 ⁷ / ₈ 1 ¹⁵ / ₁₆	UEL3C10-113D1W3						UEL310-113D1W3	C310D1	
	UEL3C10-114D1W3	5.5118	1 ³ / ₆₄	0.138	2.622	0.969	UEL310-114D1W3	C310D1	7.7
	UEL3C10-115D1W3						UEL310-115D1W3	C310D1	

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

UEL3C

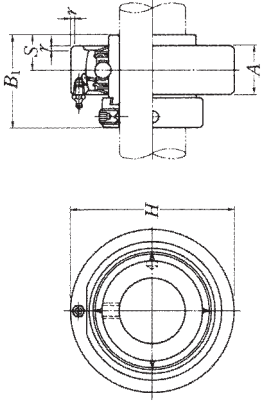


Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch					Bearing number	Housing number	Mass of unit kg lb
		H	A	r	B ₁	S			
55 2 2 ¹ / ₁₆ 2 ¹ / ₈ 2 ³ / ₁₆	UEL3C11D1W3	150	44	3.5	73	27.8	UEL311D1W3	C311D1	4.3
	UEL3C11-200D1W3						UEL311-200D1W3	C311D1	
	UEL3C11-201D1W3	5.9055	1 ⁷ / ₆₄	0.138	2.874	1.094	UEL311-201D1W3	C311D1	9.5
	UEL3C11-202D1W3						UEL311-202D1W3	C311D1	
	UEL3C11-203D1W3						UEL311-203D1W3	C311D1	
60 2 ¹ / ₄ 2 ⁵ / ₁₆ 2 ³ / ₈ 2 ¹ / ₂	UEL3C12D1W3	160	46	3.5	79.4	30.95	UEL312D1W3	C312D1	5.1
	UEL3C12-204D1W3						UEL312-204D1W3	C312D1	
	UEL3C12-205D1W3	6.2992	1 ¹³ / ₆₄	0.138	3.126	1.219	UEL312-205D1W3	C312D1	11
	UEL3C12-206D1W3						UEL312-206D1W3	C312D1	
	UEL3C12-207D1W3						UEL312-207D1W3	C312D1	
65 2 ¹ / ₂ 2 ⁵ / ₁₆ 2 ³ / ₄	UEL3C13D1W3	170	50	3.5	85.7	32.55	UEL313D1W3	C313D1	6.2
	UEL3C13-208D1W3	6.6929	1 ³ / ₃₂	0.138	3.374	1.281	UEL313-208D1W3	C313D1	14
	UEL3C13-209D1W3						UEL313-209D1W3	C313D1	
	UEL3C14D1W3	180	52	4	92.1	34.15	UEL314D1W3	C314D1	7.3
	UEL3C14-210D1W3						UEL314-210D1W3	C314D1	
70 2 ⁵ / ₈ 2 ¹ / ₂ 2 ³ / ₄	UEL3C14-211D1W3	7.0866	2 ³ / ₆₄	0.157	3.626	1.344	UEL314-211D1W3	C314D1	16
	UEL3C14-212D1W3						UEL314-212D1W3	C314D1	
	UEL3C15D1W3	190	55	4	100	37.3	UEL315D1W3	C315D1	8.5
	UEL3C15-213D1W3						UEL315-213D1W3	C315D1	
	UEL3C15-214D1W3	7.4803	2 ¹ / ₆₄	0.157	3.937	1.469	UEL315-214D1W3	C315D1	19
80 3 ¹ / ₁₆ 3 ¹ / ₈ 3 ³ / ₁₆	UEL3C15-215D1W3						UEL315-215D1W3	C315D1	
	UEL3C15-300D1W3						UEL315-300D1W3	C315D1	
	UEL3C16D1W3	200	60	4	106.4	40.5	UEL316D1W3	C316D1	10
	UEL3C16-301D1W3						UEL316-301D1W3	C316D1	
	UEL3C16-302D1W3	7.8740	2 ²³ / ₆₄	0.157	4.189	1.594	UEL316-302D1W3	C316D1	22
UEL3C16-303D1W3						UEL316-303D1W3	C316D1		

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

UEL3

Cartridge unit, cast housing Eccentric locking collar type

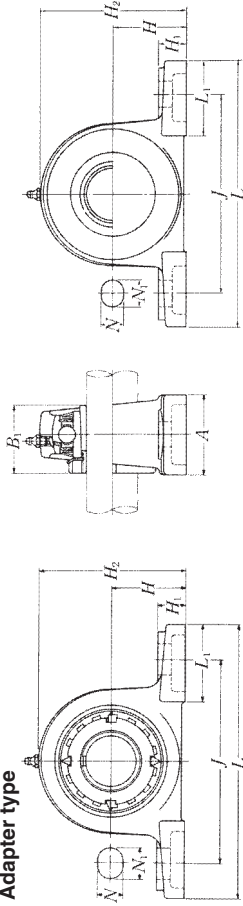


Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch					Bearing number	Housing number	Mass of unit kg lb
		H	A	r	B ₁	S			
85	UEL317D1W3	215	64	4	109.5	42.05	UEL317D1W3	C317D1	13
3/4	UEL317-304D1W3						UEL317-304D1W3	C317D1	
3 5/16	UEL317-305D1W3	8.4646	2 9/64	0.157	4.311	1.656	UEL317-305D1W3	C317D1	29
3 7/16	UEL317-307D1W3						UEL317-307D1W3	C317D1	
90	UEL318D1W3	225	66	4	115.9	43.65	UEL318D1W3	C318D1	14
3 7/16	UEL318-307D1W3	8.8583	2 9/32	0.157	4.563	1.719	UEL318-307D1W3	C318D1	31
3 1/2	UEL318-308D1W3						UEL318-308D1W3	C318D1	
95	UEL319D1W3	240	72	4	122.3	38.9	UEL319D1W3	C319D1	17
3 5/8	UEL319-310D1W3						UEL319-310D1W3	C319D1	
3 11/16	UEL319-311D1W3	9.4488	2 9/64	0.157	4.815	1.531	UEL319-311D1W3	C319D1	37
3 3/4	UEL319-312D1W3						UEL319-312D1W3	C319D1	
100	UEL320D1W3	260	75	4	128.6	50	UEL320D1W3	C320D1	22
3 9/16	UEL320-313D1W3						UEL320-313D1W3	C320D1	
3 7/8	UEL320-314D1W3	10.2362	2 9/64	0.157	5.063	1.969	UEL320-314D1W3	C320D1	49
3 5/8	UEL320-315D1W3						UEL320-315D1W3	C320D1	
4	UEL320-400D1W3						UEL320-400D1W3	C320D1	
105	UEL321D1W3	260	75	4	139.7	48.4	UEL321D1W3	C321D1	21
110	UEL322D1W3	300	80	5	141.3	49.2	UEL322D1W3	C322D1	31

Note (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
Remarks Please refer to page A21 for size of grease fitting.

UKP2

Pillow block unit, cast housing Adapter type



Pressed steel dust cover type
Open end Z-UKP...D1
Closed end ZM-UKP...D1

Shaft dia. mm inch	Unit number ⁽¹⁾ / ₍₂₎	Nominal dimensions										Bolt size	Bearing number
		H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B ₁		
20	UKP205D1;H2305X	36.5	140	105	38	13	16	15	71	42	35	M10	UK205D1;H2305X
	UKP205D1;HE2305	1 7/16	5 1/2	4 1/8	1 1/2	1/2	5/8	19/32	2 25/32	1 27/32	1.378	3/8	UK205D1;HE2305
25	UKP206D1;H2306X	42.9	165	121	48	17	20	17	83	54	M14	UK206D1;H2306X	
	UKP206D1;HS2306	1 11/16	6 1/2	4 3/4	1 7/8	21/32	25/32	21/32	3 9/32	2 1/8	1.496	1/2	UK206D1;HS2306
30	UKP207D1;H2307X	47.6	167	127	48	17	20	18	93	54	M14	UK207D1;H2307X	
	UKP207D1;HS2307	1 7/8	6 9/16	5	1 7/8	21/32	25/32	23/32	3 3/32	2 1/8	1.693	1/2	UK207D1;HS2307
35	UKP208D1;H2308X	49.2	184	137	54	17	20	18	98	52	M14	UK208D1;H2308X	
	UKP208D1;HE2308X	1 15/16	7 1/4	5 13/32	2 1/8	21/32	25/32	23/32	3 7/32	2 1/8	1.811	1/2	UK208D1;HE2308X
40	UKP209D1;H2309X	54	190	146	54	17	20	20	106	60	M14	UK209D1;H2309X	
	UKP209D1;HA2309	2 1/8	7 15/32	5 3/4	2 1/8	21/32	25/32	25/32	4 3/16	2 3/8	1.969	1/2	UK209D1;HA2309
45	UKP210D1;H2310X	57.2	206	159	60	20	23	21	114	65	M16	UK210D1;H2310X	
	UKP210D1;HS2310	2 1/4	8 1/8	6 1/4	2 3/8	25/32	29/32	19/16	4 1/2	2 9/16	2.165	5/8	UK210D1;HS2310
50	UKP211D1;H2311X	63.5	219	171	60	20	23	23	126	65	M16	UK211D1;H2311X	
	UKP211D1;HS2311	2 1/2	8 5/8	6 23/32	2 3/8	25/32	29/32	29/32	4 3/32	2 9/16	2.323	5/8	UK211D1;HS2311
55	UKP212D1;H2312X	69.8	241	184	70	20	23	25	138	70	M16	UK212D1;H2312X	
	UKP212D1;HS2312	2 3/4	9 7/8	7 1/4	2 3/4	25/32	29/32	31/32	5 1/8	2 3/4	2.441	5/8	UK212D1;HS2312

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

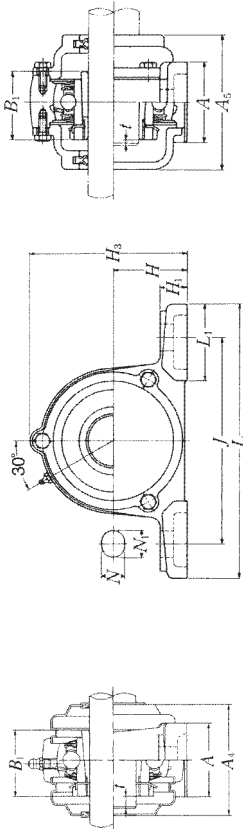
(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.

In this case the lock washer with the straight inner prong should be used.

(3) For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve.

To distinguish it, a suffix "Y" is added.

Remarks Please refer to page A21 for size of grease fitting.

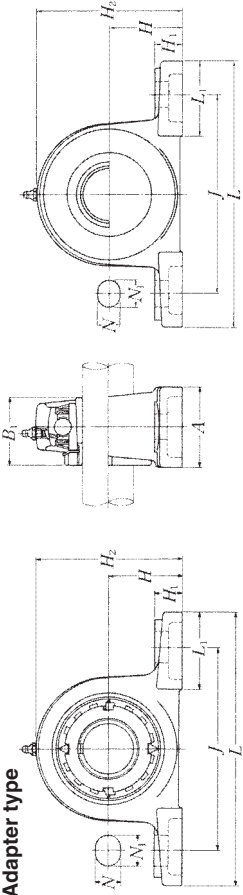


Cast dust cover type
Open end C-UKP...D1
Closed end CM-UKP...D1

Housing number	Unit number pressed steel dust cover type	Unit number cast dust cover type	Nominal dimensions			Mass of unit	
			t max.	mm	inch	kg	lb
P205D1	Z(ZM)-UKP205D1;H2305X	C(CM)-UKP205D1;H2305X	2	48	76	0.8	0.9
	Z(ZM)-UKP205D1;HE2305	C(CM)-UKP205D1;HE2305	5/64	1 29/64	3	1.8	2.0
P206D1	Z(ZM)-UKP206D1;H2306X	C(CM)-UKP206D1;H2306X	2	53	88	1.4	1.5
	Z(ZM)-UKP206D1;HS2306	C(CM)-UKP206D1;HS2306	5/64	2 9/32	3 15/32	3.1	3.3
P207D1	Z(ZM)-UKP207D1;H2307X	C(CM)-UKP207D1;H2307X	3	60	99	1.7	1.8
	Z(ZM)-UKP207D1;HS2307	C(CM)-UKP207D1;HS2307	1/8	2 3/8	3 29/32	3.7	4.0
P208D1	Z(ZM)-UKP208D1;H2308X	C(CM)-UKP208D1;H2308X	3	69	105	2.0	2.2
	Z(ZM)-UKP208D1;HE2308X	C(CM)-UKP208D1;HE2308X	1/8	2 23/32	4 1/8	4.4	4.9
P209D1	Z(ZM)-UKP209D1;H2309X	C(CM)-UKP209D1;H2309X	3	69	113	2.3	2.5
	Z(ZM)-UKP209D1;HA2309	C(CM)-UKP209D1;HA2309	1/8	2 23/32	4 7/16	5.1	5.5
P210D1	Z(ZM)-UKP210D1;H2310X	C(CM)-UKP210D1;H2310X	3	76	119	2.9	3.0
	Z(ZM)-UKP210D1;HS2310	C(CM)-UKP210D1;HS2310	1/8	3	4 1/16	6.4	6.6
P211D1	Z(ZM)-UKP211D1;H2311X	C(CM)-UKP211D1;H2311X	4	77	130	3.6	3.7
	Z(ZM)-UKP211D1;HS2311	C(CM)-UKP211D1;HS2311	5/32	3 1/32	5 1/8	7.9	8.2
P212D1	Z(ZM)-UKP212D1;H2312X	C(CM)-UKP212D1;H2312X	4	89	143	4.7	5.1
	Z(ZM)-UKP212D1;HS2312	C(CM)-UKP212D1;HS2312	5/32	3 1/2	5 5/8	10	11

UKP2

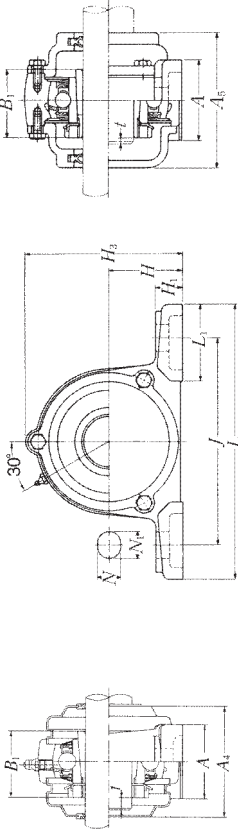
Pillow block unit, cast housing Adapter type



Pressed steel dust cover type
Open end Z-UKP...D1
Closed end ZM-UKP...D1

Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch											Bolt size mm inch	Bearing number
		H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B ₁			
60	UKP213D1;H2313X UKP213D1;HA2313 UKP213D1;HE2313X UKP213D1;HS2313X	76.2	265	203	70	25	28	27	151	77	65	M20	UK213D1;H2313X UK213D1;HA2313 UK213D1;HE2313X UK213D1;HS2313X	
65	UKP215D1;H2315X UKP215D1;HA2315 UKP215D1;HE2315X	82.6	275	217	74	25	28	28	163	80	73	M20	UK215D1;H2315X UK215D1;HA2315 UK215D1;HE2315X	
70	UKP216D1;H2316X UKP216D1;HA2316 UKP216D1;HE2316X	88.9	292	232	78	25	28	30	175	85	78	M20	UK216D1;H2316X UK216D1;HA2316 UK216D1;HE2316X	
75	UKP217D1;H2317X UKP217D1;HA2317X UKP217D1;HE2317X	95.2	310	247	83	25	28	32	187	85	82	M20	UK217D1;H2317X UK217D1;HA2317X UK217D1;HE2317X	
80	UKP218D1;H2318X UKP218D1;HA2318X	101.6	327	262	88	27	30	33	200	90	86	M22	UK218D1;H2318X UK218D1;HA2318X	

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
(2) Adapter number with suffix "x" means a narrow slot type adapter sleeve.
In this case the lock washer with the straight inner prong should be used.
Remarks Please refer to page A21 for size of grease fitting.

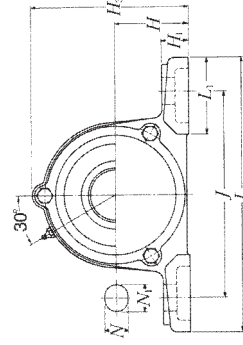
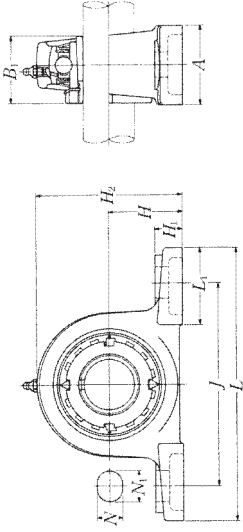


Cast dust cover type
Open end C-UKP...D1
Closed end CM-UKP...D1

Housing number	Unit number pressed steel dust cover type	Unit number cast dust cover type	Nominal dimensions mm inch			Mass of unit kg lb			
			t max.	A ₄	H ₃	A ₅	UKP	Z(ZM) C(CM)	
P213D1	Z(ZM)-UKP213D1;H2313X	C(CM)-UKP213D1;H2313X	4	91	155	120	5.7	5.9	7.6
P213D1	Z(ZM)-UKP213AD1;HA2313	C(CM)-UKP213AD1;HA2313	5/8	3 19/32	6 3/8	4 29/32	13	13	17
P215D1	Z(ZM)-UKP215D1;H2315X	C(CM)-UKP215D1;H2315X	4	—	168	135	7.5	—	10
P215D1	Z(ZM)-UKP215AD1;HA2315	C(CM)-UKP215AD1;HA2315	5/8	—	6 5/8	5 5/16	17	—	22
P216D1	Z(ZM)-UKP216D1;H2316X	C(CM)-UKP216D1;H2316X	4	—	181	145	9.2	—	12
P216D1	Z(ZM)-UKP216AD1;HA2316	C(CM)-UKP216AD1;HA2316	5/8	—	7 1/8	5 29/32	20	—	26
P217D1	Z(ZM)-UKP217D1;H2317X	C(CM)-UKP217D1;H2317X	5	—	191	155	11	—	14
P217D1	Z(ZM)-UKP217AD1;HA2317X	C(CM)-UKP217AD1;HA2317X	13/16	—	7 7/8	6 3/8	24	—	31
P218D1	Z(ZM)-UKP218D1;H2318X	C(CM)-UKP218D1;H2318X	5	—	204	165	13	—	16
P218D1	Z(ZM)-UKP218AD1;HA2318X	C(CM)-UKP218AD1;HA2318X	19/64	—	8 3/8	6 1/2	29	—	35

UKP3

Pillow block unit, cast housing Adapter type



Cast dust cover type
Open end C-UKP...D1
Closed end CM-UKP...D1

Shaft dia. mm inch	Unit number ⁽¹⁾ (²)	Nominal dimensions mm inch											Bolt size mm inch	
		H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B ₁			
20 3/4	UKP305D1;H2305X	45	175	132	45	17	20	15	85	54	35	M14		
	UKP305SD1;HE2305	1 ⁴⁰ / ₆₄	6 ⁷ / ₈	5 ³ / ₁₆	1 ²⁸ / ₃₂	2 ¹ / ₃₂	2 ¹ / ₃₂	19 ²⁵ / ₃₂	3 ¹¹ / ₃₂	2 ¹ / ₈	1.378	1/2		
25 7/8	UKP306D1;H2306X	50	180	140	50	17	20	18	95	54	38	M14		
	UKP306SD1;HS2306	1 ³¹ / ₃₂	7 ³ / ₃₂	5 ¹ / ₂	1 ³¹ / ₃₂	2 ¹ / ₃₂	2 ⁵ / ₃₂	2 ³ / ₃₂	3 ³ / ₄	2 ¹ / ₈	1.496	1/2		
30 1 1/8	UKP307D1;H2307X	56	210	160	56	17	25	20	106	60	43	M14		
	UKP307SD1;HS2307	2 ¹³ / ₆₄	8 ⁹ / ₃₂	6 ⁵ / ₁₆	2 ¹ / ₃₂	2 ¹ / ₃₂	3 ¹ / ₃₂	2 ⁵ / ₃₂	4 ³ / ₁₆	2 ³ / ₈	1.693	1/2		
35 1 1/4	UKP308D1;H2308X	60	220	170	60	17	27	22	116	60	46	M14		
	UKP308SD1;HS2308X	2 ²⁹ / ₆₄	8 ²¹ / ₃₂	6 ¹¹ / ₁₆	2 ³ / ₁₆	2 ¹ / ₃₂	1 ¹ / ₁₆	7 ¹ / ₈	4 ³ / ₁₆	2 ³ / ₈	1.811	1/2		
40 1 5/8	UKP309D1;H2309X	67	245	190	67	20	30	24	129	65	50	M16		
	UKP309SD1;HA2309	2 ⁴¹ / ₆₄	9 ²¹ / ₃₂	7 ¹⁵ / ₃₂	2 ⁵ / ₁₆	2 ⁵ / ₃₂	1 ³ / ₁₆	1 ⁵ / ₁₆	5 ³ / ₃₂	2 ⁹ / ₁₆	1.969	5/8		
45 1 7/8	UKP310D1;H2310X	75	275	212	75	20	35	27	143	75	55	M16		
	UKP310SD1;HA2310	2 ⁶ / ₆₄	10 ¹³ / ₁₆	8 ¹ / ₃₂	2 ⁵ / ₁₆	2 ⁵ / ₃₂	1 ³ / ₈	1 ¹ / ₁₆	5 ⁵ / ₁₆	2 ¹⁵ / ₁₆	2.165	5/8		
50 1 9/16	UKP311D1;H2311X	80	310	236	80	20	38	30	154	85	59	M16		
	UKP311SD1;HA2311	3 ⁵ / ₃₂	12 ⁷ / ₃₂	9 ⁹ / ₃₂	3 ⁵ / ₃₂	3 ⁵ / ₃₂	1 ¹ / ₂	1 ³ / ₁₆	6 ¹ / ₁₆	3 ¹ / ₃₂	2.323	5/8		
55 2 1/8	UKP312D1;H2312X	85	330	250	85	25	38	32	165	95	62	M20		
	UKP312SD1;HS2312	3 ¹ / ₃₂	13	9 ²⁷ / ₃₂	3 ¹ / ₃₂	3 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₄	6 ¹ / ₂	3 ³ / ₄	2.441	3/4		

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without a suffix "D1".

(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.

In this case the lock washer with the straight inner prong should be used.

(3) For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve.

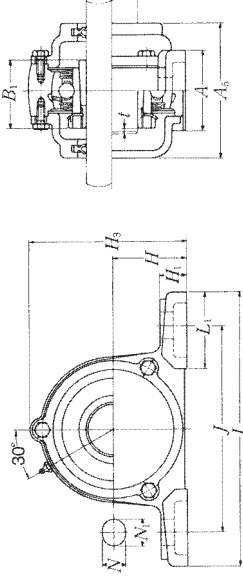
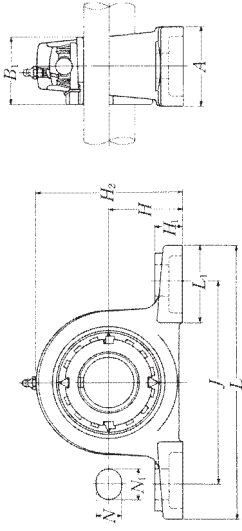
To distinguish it, a suffix "Y" is added.

Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Unit number cast dust cover type	Nominal dimensions mm inch		Mass of unit kg lb UKP C(CM)
			t max.	H ₃ A ₅	
UK305D1;H2305X	P305D1	CCM-UKP305D1;H2305X	2	91	1.4
UK305SD1;HE2305	P305SD1	CCM-UKP305SD1;HE2305	5/64	3 ¹⁹ / ₃₂	3.1
UK306D1;H2306X	P306D1	CCM-UKP306D1;H2306X	2	105	1.8
UK306SD1;HS2306	P306SD1	CCM-UKP306SD1;HS2306	5/64	4 ¹ / ₈	4.0
UK306SD1;HE2306X	P306SD1	CCM-UKP306SD1;HE2306X		3 ¹¹ / ₃₂	5.7
UK307D1;H2307X	P307D1	CCM-UKP307D1;H2307X	3	115	2.6
UK307SD1;HS2307	P307SD1	CCM-UKP307SD1;HS2307	1/8	4 ¹⁷ / ₃₂	5.7
UK308D1;H2308X	P308D1	CCM-UKP308D1;H2308X	3	125	3.1
UK308SD1;HE2308X	P308SD1	CCM-UKP308SD1;HE2308X	1/8	4 ²⁹ / ₃₂	6.8
UK308SD1;HS2308X	P308SD1	CCM-UKP308SD1;HS2308X		4 ¹ / ₈	9.3
UK309D1;H2309X	P309D1	CCM-UKP309D1;H2309X	3	140	4.1
UK309SD1;HA2309	P309SD1	CCM-UKP309SD1;HA2309		110	5.6
UK309SD1;HE2309X	P309SD1	CCM-UKP309SD1;HE2309X	1/8	5 ¹ / ₂	9.0
UK309SD1;HS2309X	P309SD1	CCM-UKP309SD1;HS2309X		4 ¹¹ / ₃₂	12
UK310D1;H2310X	P310D1	CCM-UKP310D1;H2310X	3	156	5.6
UK310SD1;HS2310	P310SD1	CCM-UKP310SD1;HS2310		120	7.2
UK310SD1;HA2310	P310SD1	CCM-UKP310SD1;HA2310	1/8	6 ⁵ / ₃₂	12
UK310SD1;HE2310X	P310SD1	CCM-UKP310SD1;HE2310X		4 ²⁹ / ₃₂	16
UK311D1;H2311X	P311D1	CCM-UKP311D1;H2311X	4	166	7.3
UK311SD1;HS2311	P311SD1	CCM-UKP311SD1;HS2311		125	9.0
UK311SD1;HA2311	P311SD1	CCM-UKP311SD1;HA2311	5/32	6 ¹⁷ / ₃₂	16
UK311SD1;HE2311XY	P311SD1	CCM-UKP311SD1;HE2311XY		4 ²⁹ / ₃₂	20
UK312D1;H2312X	P312D1	CCM-UKP312D1;H2312X	4	179	9.3
UK312SD1;HS2312	P312SD1	CCM-UKP312SD1;HS2312	5/32	7 ¹ / ₁₆	21
				5 ⁵ / ₁₆	24

UKP3

Pillow block unit, cast housing Adapter type



Cast dust cover type
Open end C-UKP...D1
Closed end CM-UKP...D1

Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch											Bolt size mm inch	
		H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B ₁	B ₂		
60 2 3/8 2 1/4	UKP313D1;H2313X	90	340	260	90	25	38	33	176	105	65	M20		
	UKP313D1;HA2313													
	UKP313D1;HE2313X	93 3/64	13 3/8	10 1/4	3 3/8	31 3/32	1 1/2	1 5/16	6 5/16	4 1/8	2.559	3/4		
65	UKP315D1;H2315X	100	380	290	100	27	40	35	198	110	73	M22		
	UKP315D1;HA2315													
	UKP315D1;HE2315X	103 15/16	14 3/32	11 13/32	3 5/16	1 1/16	1 9/16	1 3/8	7 25/32	4 11/32	2.874	7/8		
70	UKP316D1;H2316X	106	400	300	110	27	40	40	210	110	78	M22		
	UKP316D1;HA2316													
	UKP316D1;HE2316X	109 1/4	15 3/4	11 13/32	4 11/32	1 1/16	1 9/16	1 9/16	8 9/16	4 11/32	3.071	7/8		
75	UKP317D1;H2317X	112	420	320	110	33	45	40	220	120	82	M27		
	UKP317D1;HA2317X													
	UKP317D1;HE2317X	115 1/2	16 7/32	12 19/32	4 11/32	1 5/16	1 25/32	1 9/16	8 21/32	4 23/32	3.228	1		
80	UKP318D1;H2318X	118	430	330	110	33	45	45	235	120	86	M27		
	UKP318D1;HA2318X													
	UKP318D1;HE2318X	121 1/4	16 5/16	13	4 11/32	1 5/16	1 25/32	1 25/32	9 1/4	4 23/32	3.386	1		
85	UKP319D1;H2319X	125	470	360	120	35	50	45	250	125	90	M30		
	UKP319D1;HA2319X													
	UKP319D1;HE2319X	128 1/4	18 1/2	14 3/16	4 23/32	1 13/32	1 31/32	1 25/32	9 7/32	4 23/32	3.543	1 1/8		
90	UKP320D1;H2320X	140	490	380	120	36	50	50	275	130	97	M30		
	UKP320D1;HA2320													
	UKP320D1;HE2320X	143 3/8	19 9/32	14 31/32	4 23/32	1 13/32	1 31/32	1 31/32	10 13/16	5 1/8	3.819	1 1/8		
100	UKP322D1;H2322X	150	520	400	140	40	55	55	300	135	105	M33		
110	UKP324D1;H2324X	160	570	450	140	40	55	65	320	140	112	M33		
115	UKP326D1;H2326	180	600	480	140	40	55	75	355	140	121	M33		
125	UKP328D1;H2328	200	620	500	140	40	55	75	390	140	131	M33		

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

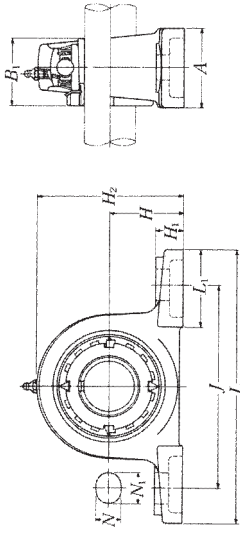
(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve. In this case the lock washer with the straight inner prong should be used.

Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Unit number cast dust cover type	Nominal dimensions mm inch		Mass of unit kg lb UKP C(CM)
			t max.	H ₃ A ₅	
UK313D1;H2313X	P313D1	CCM-UKP313D1;H2313X	4	190 140	10 12
UK313D1;HA2313	P313D1	CCM-UKP313AD1;HA2313			
UK313D1;HE2313X	P313D1	CCM-UKP313ED1;HE2313X	5 3/32	7 15/32 5 1/2	22 26
UK313D1;HS2313X	P313D1	CCM-UKP313SD1;HS2313X			
UK315D1;H2315X	P315D1	CCM-UKP315D1;H2315X	4	210 150	14 18
UK315D1;HA2315	P315D1	CCM-UKP315AD1;HA2315	5 5/32	8 9/32 5 29/32	31 40
UK315D1;HE2315X	P315D1	CCM-UKP315ED1;HE2315X			
UK316D1;H2316X	P316D1	CCM-UKP316D1;H2316X	4	221 155	17 21
UK316D1;HA2316	P316D1	CCM-UKP316AD1;HA2316	5 5/32	8 11/16 6 3/32	37 46
UK316D1;HE2316X	P316D1	CCM-UKP316ED1;HE2316X			
UK317D1;H2317X	P317D1	CCM-UKP317D1;H2317X	5	235 170	19 24
UK317D1;HA2317X	P317D1	CCM-UKP317AD1;HA2317X	13 13/64	9 1/4 6 11/16	42 53
UK317D1;HE2317X	P317D1	CCM-UKP317ED1;HE2317X			
UK318D1;H2318X	P318D1	CCM-UKP318D1;H2318X	5	246 170	22 28
UK318D1;HA2318X	P318D1	CCM-UKP318AD1;HA2318X	13 13/64	9 11/16 6 11/16	49 62
UK319D1;H2319X	P319D1	CCM-UKP319D1;H2319X	5	258 180	27 33
UK319D1;HE2319X	P319D1	CCM-UKP319ED1;HE2319X	13 13/64	10 5/32 7 3/32	60 73
UK320D1;H2320X	P320D1	CCM-UKP320D1;H2320X	5	283 190	33 40
UK320D1;HA2320	P320D1	CCM-UKP320AD1;HA2320	13 13/64	11 5/32 7 15/32	73 88
UK320D1;HE2320X	P320D1	CCM-UKP320ED1;HE2320X			
UK322D1;H2322X	P322D1	CCM-UKP322D1;H2322X	5	313 200	43 53
UK324D1;H2324X	P324D1	CCM-UKP324D1;H2324X	5	335 215	50 67
UK326D1;H2326	P326D1	CCM-UKP326D1;H2326	6	375 225	69 86
UK328D1;H2328	P328D1	CCM-UKP328D1;H2328	6	407 235	84 101

UKPX

Pillow block unit, cast housing Adapter type



Shaft dia. mm inch	Unit number (1)(2)	Nominal dimensions mm inch											Bolt size mm inch	
		H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B ₁	mm	inch	
20 3/4	UKPX05D1;H2305X	44.4	159	119	51	17	20	18	85	50	35	M14		
	UKPX05D1;HE2305	1 3/4	6 1/4	4 11/16	2	2 1/2	23 25/32	3 11/32	3 11/32	1 31/32	1.378	1/2		
25 7/8	UKPX06D1;H2306X	47.6	175	127	57	17	20	20	93	54	38	M14		
	UKPX06D1;HS2306	1 7/8	6 7/8	5	2 1/4	2 1/2	25 25/32	3 11/32	3 11/32	2 1/8	1.496	1/2		
30 1 1/8	UKPX07D1;H2307X	54	203	144	57	17	20	21	105	60	43	M14		
	UKPX07D1;HS2307	2 1/8	8	5 5/8	2 1/4	2 1/2	25 25/32	4 1/8	4 1/8	2 3/8	1.693	1/2		
35 1 1/4	UKPX08D1;H2308X	58.7	222	156	67	20	23	26	111	65	46	M16		
	UKPX08D1;HE2308X	2 3/16	8 3/4	6 5/8	2 5/8	2 5/8	29 29/32	1 1/2	4 3/8	2 9/16	1.811	5/8		
40 1 1/2	UKPX09D1;H2309X	58.7	222	156	67	20	23	26	116	65	50	M16		
	UKPX09D1;HE2309X	2 3/16	8 3/4	6 5/8	2 5/8	2 5/8	29 29/32	1 1/2	4 9/16	2 9/16	1.969	5/8		
45 1 3/4	UKPX10D1;H2310X	63.5	241	171	73	20	23	27	126	70	55	M16		
	UKPX10D1;HS2310	2 1/2	9 1/2	6 25/32	2 7/8	2 5/8	29 29/32	1 1/2	4 31/32	2 3/4	2.165	5/8		
50 1 7/8	UKPX11D1;H2311X	69.8	260	184	79	25	28	30	137	75	59	M20		
	UKPX11D1;HS2311	2 3/4	10 1/4	7 1/4	3 1/8	3 1/8	3 1/8	5 13/32	5 13/32	2 5/8	2.323	3/4		
55 2 1/8	UKPX12D1;H2312X	76.2	286	203	83	25	28	33	151	80	62	M20		
	UKPX12D1;HS2312	3	11 1/4	8	3 3/8	3 3/8	3 3/8	5 15/32	5 15/32	3 5/8	2.441	3/4		

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

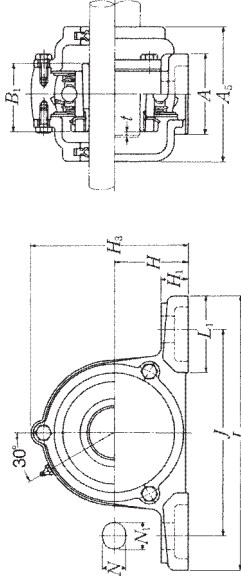
(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.

In this case the lock washer with the straight inner prong should be used.

(3) For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve.

To distinguish it, a suffix "Y" is added.

Remarks Please refer to page A21 for size of grease fitting.



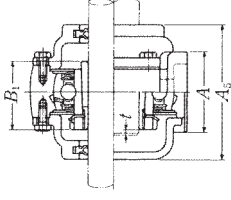
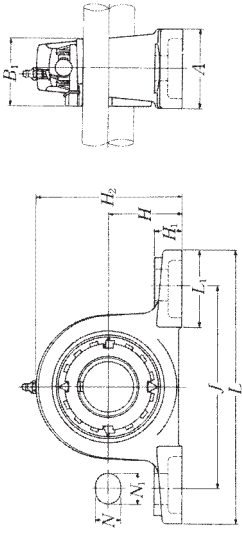
Cast dust cover type

Open end C-UKP...D1

Closed end CM-UKP...D1

Bearing number	Housing number	Unit number cast dust cover type	Nominal dimensions mm inch			Mass of unit kg lb UKP C(CM)
			t max.	H ₃	A ₅	
UKX05D1;H2305X	PX05D1	C(CM)-UKPX05D1;H2305X	2	89	75	1.4
	PX05D1	C(CM)-UKPX05D1;HE2305	5/64	3 1/2	2 15/16	3.1
UKX06D1;H2306X	PX06D1	C(CM)-UKPX06D1;H2306X	2	99	80	1.7
	PX06D1	C(CM)-UKPX06D1;HS2306	5/64	3 29/32	3 5/32	3.7
UKX07D1;H2307X	PX07D1	C(CM)-UKPX07D1;H2307X	3	110	90	2.5
	PX07D1	C(CM)-UKPX07D1;HS2307	1/8	4 11/32	3 7/32	5.5
UKX08D1;H2308X	PX08D1	C(CM)-UKPX08D1;H2308X	3	118	95	3.2
	PX08D1	C(CM)-UKPX08D1;HE2308X	1/8	4 41/64	3 3/4	7.1
UKX09D1;H2309X	PX09D1	C(CM)-UKPX09D1;H2309X	3	120	100	3.3
	PX09D1	C(CM)-UKPX09D1;HA2309	1/8	4 29/32	3 5/16	7.3
UKX10D1;H2310X	PX10D1	C(CM)-UKPX10D1;H2310X	3	130	100	4.2
	PX10D1	C(CM)-UKPX10D1;HA2310	1/8	5 1/8	3 5/16	9.3
UKX11D1;H2311X	PX11D1	C(CM)-UKPX11D1;H2311X	4	144	115	5.3
	PX11D1	C(CM)-UKPX11D1;HS2311	5/32	5 21/32	4 17/32	12
UKX12D1;H2312X	PX12D1	C(CM)-UKPX12D1;H2312X	4	155	120	6.8
	PX12D1	C(CM)-UKPX12D1;HS2312	5/32	6 3/32	4 29/32	15

Pillow block unit, cast housing Adapter type



Cast dust cover type
Open end C-UKP...D1
Closed end CM-UKP...D1

Shaft dia. mm inch	Unit number ⁽¹⁾	Nominal dimensions mm inch											Bolt size mm inch	
		H	L	J	A	N	N ₁	H ₁	H ₂	L ₁	B ₁	mm	inch	
60 2 3/8 2 1/4	UKPX 13D1;H2313X UKPX 13D1;HA2313 UKPX 13D1;HE2313X UKPX 13D1;HS2313X	76.2	286	203	83	25	28	33	154	80	65	M20		
		3	11 1/4	8	3 3/8	3/8	1 3/8	1 5/16	6 1/16	3 5/8	2.559	3/4		
65 2 7/16 2 1/2	UKPX 15D1;H2315X UKPX 15D1;HA2315 UKPX 15D1;HE2315X	88.9	330	229	89	27	30	35	175	95	73	M22		
		3 1/2	13	9 1/8	3 1/2	1 1/16	1 3/16	1 3/8	6 7/8	3 3/4	2.874	7/8		
70 2 11/16 2 3/4	UKPX 16D1;H2316X UKPX 16D1;HA2316 UKPX 16D1;HE2316X	101.6	381	283	102	27	30	40	194	110	78	M22		
		4	15	11 5/8	4 1/8	1 1/16	1 3/16	1 9/16	7 5/8	4 1 1/8	3.071	7/8		
75 2 5/8 3	UKPX 17D1;H2317X UKPX 17D1;HA2317X UKPX 17D1;HE2317X	101.6	381	283	102	27	30	40	200	110	82	M22		
		4	15	11 5/8	4 1/8	1 1/16	1 3/16	1 9/16	7 7/8	4 1 1/8	3.228	7/8		
80 2 5/8 3	UKPX 18D1;H2318X UKPX 18D1;HA2318X	101.6	381	283	111	27	30	40	206	110	86	M22		
		4	15	11 5/8	4 3/8	1 1/16	1 3/16	1 9/16	8 1/8	4 1 1/8	3.386	7/8		
90	UKPX 20D1;H2320X	127	432	337	121	33	36	45	244	125	97	M27		

Notes ⁽¹⁾ These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

⁽²⁾ Adapter number with suffix "x" means a narrow slot type adapter sleeve.

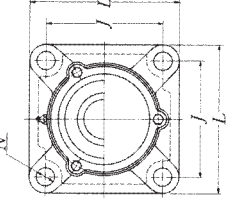
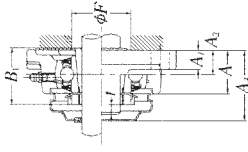
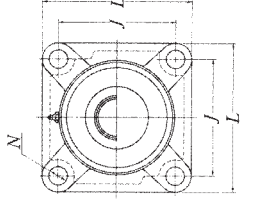
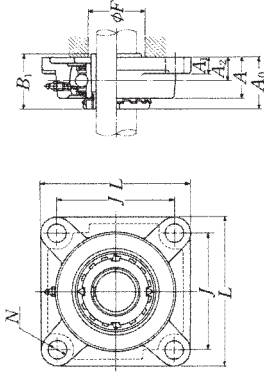
In this case the lock washer with the straight inner prong should be used.

Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Unit number cast dust cover type	Nominal dimensions mm inch			Mass of unit kg lb UKP C(CM)
			t max.	H ₃	A ₅	
UKX13D1;H2313X UKX13D1;HA2313 UKX13D1;HE2313X UKX13D1;HS2313X	PX13D1 PX13D1 PX13D1 PX13D1	C(CM)-UKPX13D1;H2313X C(CM)-UKPX13AD1;HA2313 C(CM)-UKPX13ED1;HE2313X C(CM)-UKPX13SD1;HS2313X	4 5/32	159 6 1/4	135 5 5/16	6.9 9.2 15 20
UKX15D1;H2315X UKX15D1;HA2315 UKX15D1;HE2315X	PX15D1 PX15D1 PX15D1	C(CM)-UKPX15D1;H2315X C(CM)-UKPX15AD1;HA2315 C(CM)-UKPX15ED1;HE2315X	4 5/32	181 7 1/8	145 5 29/32	10 13 22 29
UKX16D1;H2316X UKX16D1;HA2316 UKX16D1;HE2316X	PX16D1 PX16D1 PX16D1	C(CM)-UKPX16D1;H2316X C(CM)-UKPX16AD1;HA2316 C(CM)-UKPX16ED1;HE2316X	4 5/32	198 7 29/32	155 6 3/32	14 17 31 37
UKX17D1;H2317X UKX17D1;HA2317X UKX17D1;HE2317X	PX17D1 PX17D1 PX17D1	C(CM)-UKPX17D1;H2317X C(CM)-UKPX17AD1;HA2317X C(CM)-UKPX17ED1;HE2317X	5 19/64	204 8 1/32	165 6 1/2	15 18 33 40
UKX18D1;H2318X UKX18D1;HA2318X	PX18D1 PX18D1	C(CM)-UKPX18D1;H2318X C(CM)-UKPX18AD1;HA2318	5 19/64	208 8 3/16	180 7 3/32	16 20 35 44
UKX20D1;H2320X	PX20D1	C(CM)-UKPX20D1;H2320X	5	244	195	24 28

UKF2

Square flanged unit, cast housing Adapter type



Pressed steel dust cover type
Open end Z-UKF...D1
Closed end ZM-UKF...D1

Cast dust cover type
Open end C-UKF...D1
Closed end CM-UKF...D1

Shaft dia. mm inch	Unit number ⁽¹⁾ (²)	Nominal dimensions										Bolt size	Bearing number
		L	J	A ₂	A ₁	A	N	A ₀	B ₁	F	min.		
20	UKF205D1;H2305X	95	70	16	13	27	12	35.5	35	30	M10	UK205D1;H2305X	
	UKF205D1;HE2305	3 3/4	2 3/4	5/8	1/2	1 1/16	15/32	1.378	1.378	1 1/16	3/8	UK205D1;HE2305	
25	UKF206D1;H2306X	108	83	18	13	31	12	39	38	36	M10	UK206D1;H2306X	
	UKF206D1;HS2306	4 1/4	3 1/4	45/64	1/2	1 1/32	15/32	1 17/32	1.496	1 13/32	3/8	UK206D1;HS2306	
30	UKF207D1;H2307X	117	92	19	15	34	14	42.5	43	40	M12	UK207D1;H2307X	
	UKF207D1;HS2307	4 5/8	3 5/8	3/4	1 1/8	1 11/32	35/64	1.693	1.693	1 9/16	7/16	UK207D1;HS2307	
35	UKF208D1;H2308X	130	102	21	15	36	16	46.5	46	46	M14	UK208D1;H2308X	
	UKF208D1;HE2308	5 1/8	4 1/4	59/64	1 1/8	1 13/32	5/8	1.811	1.811	1 13/16	1/2	UK208D1;HE2308	
40	UKF209D1;H2309X	137	105	22	16	38	16	48.5	50	52	M14	UK209D1;H2309X	
	UKF209D1;HA2309	5 3/8	4 3/8	55/64	5/8	1 1/2	5/8	1.969	1.969	2 1/16	1/2	UK209D1;HA2309	
45	UKF210D1;H2310X	143	111	22	16	40	16	50	55	57	M14	UK210D1;H2310X	
	UKF210D1;HA2310	5 5/8	4 3/8	59/64	5/8	1 9/16	5/8	2.165	2.165	2 1/4	1/2	UK210D1;HA2310	
50	UKF211D1;H2311X	162	130	25	18	43	19	54.5	59	64	M16	UK211D1;H2311X	
	UKF211D1;HA2311	6 3/8	5 1/8	63/64	23/32	1 11/16	3/4	2.323	2.323	2 17/32	5/8	UK211D1;HA2311	
55	UKF212D1;H2312X	175	143	29	18	48	19	61	62	69	M16	UK212D1;H2312X	
	UKF212D1;HS2312	6 7/8	5 5/8	1 1/64	23/32	1 7/8	3/4	2.441	2.441	2 29/32	5/8	UK212D1;HS2312	

Notes ⁽¹⁾ These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "X".

⁽²⁾ Adapter number with suffix "x" means a narrow slot type adapter sleeve.

In this case the lock washer with the straight inner prong should be used.

⁽³⁾ For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve.

To distinguish it, a suffix "Y" is added.

⁽⁴⁾ If the inch series housing units with dust cover are ordered with a closed end, the suffixes E, S or A are not included.

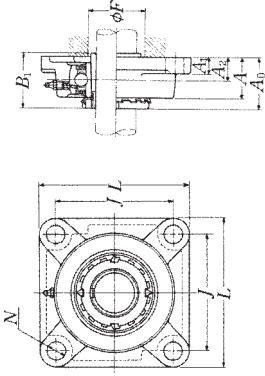
Example: ZM-UKF205D1;HE2305

Remarks Please refer to page A21 for size of grease fitting.

Housing number	Unit number ⁽¹⁾ pressed steel dust cover type	Unit number ⁽¹⁾ cast dust cover type	Nominal dimensions			Mass of unit		
			t max.	mm inch	A ₄ A ₅	kg lb	Z(ZM) C(CM)	
F205D1	Z(ZM)-UKF205D1;H2305X	C(CM)-UKF205D1;H2305X	2	40	51	0.8	0.8	1.0
F205D1	Z(ZM)-UKF205D1;HE2305	C(CM)-UKF205D1;HE2305	5/64	1 19/32	2	1.8	1.8	2.2
F206D1	Z(ZM)-UKF206D1;H2306X	C(CM)-UKF206D1;H2306X	2	45	56	1.1	1.1	1.3
F206D1	Z(ZM)-UKF206D1;HS2306	C(CM)-UKF206D1;HS2306	5/64	1 3/4	2 1/32	2.4	2.4	2.9
F207D1	Z(ZM)-UKF207D1;H2307X	C(CM)-UKF207D1;H2307X	3	49	59	1.6	1.6	1.9
F207D1	Z(ZM)-UKF207D1;HS2307	C(CM)-UKF207D1;HS2307	1/8	1 15/16	2 3/16	3.5	3.5	4.2
F208D1	Z(ZM)-UKF208D1;H2308X	C(CM)-UKF208D1;H2308X	3	56	66	1.8	1.9	2.4
F208D1	Z(ZM)-UKF208D1;HE2308	C(CM)-UKF208D1;HE2308	1/8	2 3/16	2 19/32	4.0	4.2	5.3
F208D1	Z(ZM)-UKF208D1;HS2308X	C(CM)-UKF208D1;HS2308X	3	57	70	2.3	2.3	2.8
F209D1	Z(ZM)-UKF209D1;H2309X	C(CM)-UKF209D1;H2309X	3	57	70	2.3	2.3	2.8
F209D1	Z(ZM)-UKF209D1;HA2309	C(CM)-UKF209D1;HA2309	1/8	2 1/4	2 3/4	5.1	5.1	6.2
F209D1	Z(ZM)-UKF209D1;HE2309X	C(CM)-UKF209D1;HE2309X	3	60	72	2.6	2.7	3.2
F210D1	Z(ZM)-UKF210D1;H2310X	C(CM)-UKF210D1;H2310X	3	60	72	2.6	2.7	3.2
F210D1	Z(ZM)-UKF210D1;HS2310	C(CM)-UKF210D1;HS2310	1/8	2 3/8	2 27/32	5.7	6.0	7.1
F210D1	Z(ZM)-UKF210D1;HA2310	C(CM)-UKF210D1;HA2310	3	64	75	3.5	3.6	4.3
F210D1	Z(ZM)-UKF210D1;HE2310X	C(CM)-UKF210D1;HE2310X	4	64	75	3.5	3.6	4.3
F211D1	Z(ZM)-UKF211D1;H2311X	C(CM)-UKF211D1;H2311X	4	64	75	3.5	3.6	4.3
F211D1	Z(ZM)-UKF211D1;HS2311	C(CM)-UKF211D1;HS2311	5/32	2 1/2	2 15/16	7.7	7.9	9.5
F211D1	Z(ZM)-UKF211D1;HA2311	C(CM)-UKF211D1;HA2311	4	74	86	4.0	4.2	5.0
F211D1	Z(ZM)-UKF211D1;HE2311XY	C(CM)-UKF211D1;HE2311XY	4	74	86	4.0	4.2	5.0
F212D1	Z(ZM)-UKF212D1;H2312X	C(CM)-UKF212D1;H2312X	4	74	86	4.0	4.2	5.0
F212D1	Z(ZM)-UKF212D1;HS2312	C(CM)-UKF212D1;HS2312	5/32	2 9/32	3 3/8	8.8	9.3	11

UKF2

Square flanged unit, cast housing Adapter type



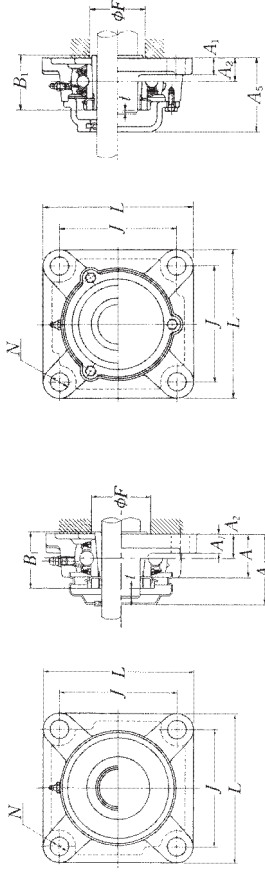
Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch							Bolt size mm inch	Bearing number		
		L	J	A ₂	A ₁	A	N	A ₀			B ₁	F min.
60 2 3/16 2 1/4 2 3/8	UKF213D1;H2313X	187	149	30	22	50	19	64	65	74	M16	UK213D1;H2313X
	UKF213D1;HA2313							2 33/64	2.559	2 29/32	5/8	UK213D1;HA2313
	UKF213D1;HE2313X	7 3/8	5 58/64	1 3/16	7/8	1 31/32	3/4	2 33/64	2.559	2 29/32	5/8	UK213D1;HE2313X
	UKF213D1;HS2313X											UK213D1;HS2313X
65 2 1/16 2 1/2	UKF215D1;H2315X	200	159	34	22	56	19	71	73	84	M16	UK215D1;H2315X
	UKF215D1;HA2315	7 7/8	6 7/64	1 11/32	7/8	2 7/32	3/4	2 51/64	2.874	3 5/16	5/8	UK215D1;HA2315
	UKF215D1;HE2315X										5/8	UK215D1;HE2315X
	UKF215D1;HS2315X											UK215D1;HS2315X
70 2 1/16 2 3/4	UKF216D1;H2316X	208	165	34	22	58	23	73.5	78	90	M20	UK216D1;H2316X
	UKF216D1;HA2316	8 3/16	6 1/2	1 11/32	7/8	2 9/32	29/32	2 57/64	3.071	3 7/8	3/4	UK216D1;HA2316
	UKF216D1;HE2316X										3/4	UK216D1;HE2316X
	UKF216D1;HS2316X											UK216D1;HS2316X
75 2 15/16 3	UKF217D1;H2317X	220	175	36	24	63	23	77	82	95	M20	UK217D1;H2317X
	UKF217D1;HA2317X	8 21/32	6 57/64	1 27/64	15/16	2 15/32	29/32	3 1/32	3.228	3 3/4	3/4	UK217D1;HA2317X
	UKF217D1;HE2317X										3/4	UK217D1;HE2317X
	UKF217D1;HS2317X											UK217D1;HS2317X
80 3 3/16	UKF218D1;H2318X	235	187	40	24	68	23	81.5	86	102	M20	UK218D1;H2318X
	UKF218D1;HA2318X	9 1/4	7 29/64	1 37/64	15/16	2 11/16	29/32	3 9/64	3.386	4 1/8	3/4	UK218D1;HA2318X

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

(2) Adapter number with suffix "x" means a narrow slot type adapter sleeve. In this case the lock washer with the straight inner prong should be used.

(3) If the inch series housing units with dust cover are ordered with a closed end, the suffixes E, S or A are not included. Example: ZM-UKF205D1;HE2305

Remarks Please refer to page A21 for size of grease fitting.



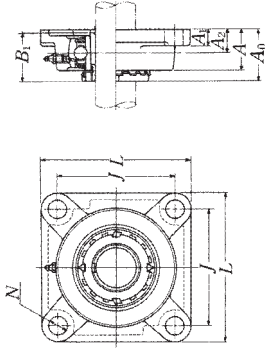
Pressed steel dust cover type
Open end Z-UKF...D1
Closed end ZM-UKF...D1

Cast dust cover type
Open end C-UKF...D1
Closed end CM-UKF...D1

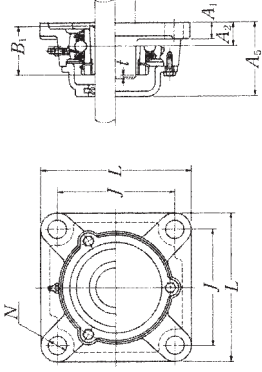
Housing number	Unit number (2) pressed steel dust cover type	Unit number (2) cast dust cover type	Nominal dimensions mm inch			Mass of unit kg lb		
			t max.	A ₄	A ₅	UKF	Z(M) C(CM)	
F213D1	Z(ZM)-UKF213D1;H2313X	C(CM)-UKF213D1;H2313X	4	76	90	5.6	5.8	6.7
F213D1	Z(ZM)-UKF213AD1;HA2313	C(CM)-UKF213AD1;HA2313				12	13	15
F213D1	Z(ZM)-UKF213ED1;HE2313X	C(CM)-UKF213ED1;HE2313X	5/32	3	3 7/32			
F213D1	Z(ZM)-UKF213SD1;HS2313X	C(CM)-UKF213SD1;HS2313X						
F215D1	Z(ZM)-UKF215D1;H2315X	C(CM)-UKF215D1;H2315X	4	—	102	6.8	—	8.3
F215D1	Z(ZM)-UKF215AD1;HA2315	C(CM)-UKF215AD1;HA2315	5/32	—	4 1/32	15	—	18
F215D1	Z(ZM)-UKF215ED1;HE2315X	C(CM)-UKF215ED1;HE2315X						
F216D1	Z(ZM)-UKF216D1;H2316X	C(CM)-UKF216D1;H2316X	4	—	106	8.3	—	10
F216D1	Z(ZM)-UKF216AD1;HA2316	C(CM)-UKF216AD1;HA2316	5/32	—	4 3/16	18	—	22
F216D1	Z(ZM)-UKF216ED1;HE2316X	C(CM)-UKF216ED1;HE2316X						
F217D1	Z(ZM)-UKF217D1;H2317X	C(CM)-UKF217D1;H2317X	5	—	114	10	—	13
F217D1	Z(ZM)-UKF217AD1;HA2317X	C(CM)-UKF217AD1;HA2317X	19/64	—	4 1/2	22	—	29
F217D1	Z(ZM)-UKF217ED1;HE2317X	C(CM)-UKF217ED1;HE2317X						
F218D1	Z(ZM)-UKF218D1;H2318X	C(CM)-UKF218D1;H2318X	5	—	122	12	—	14
F218D1	Z(ZM)-UKF218AD1;HA2318X	C(CM)-UKF218AD1;HA2318X	19/64	—	4 13/16	26	—	31

UKF3

Square flanged unit, cast housing Adapter type



Cast dust cover type
Open end C-UKF...D1
Closed end CM-UKF...D1



Shaft dia. mm inch	Unit number (1)(2)	Nominal dimensions mm inch										Bolt size mm inch	
		L	J	A ₂	A ₁	A	N	A ₀	B ₁	mm	inch		
20	UKF305D1;H2305X	110	80	16	13	29	16	37	35	M14	1/2		
	UKF305D1;HE2305	4 ¹¹ / ₃₂	3 ⁵ / ₁₆	5/8	1/2	1 ⁵ / ₁₆	5/8	1 ²⁹ / ₆₄	1.378	1/2			
25	UKF306D1;H2306X	125	95	18	15	32	16	40.5	38	M14	1/2		
	UKF306D1;HS2306	4 ²⁹ / ₃₂	3 ⁷ / ₁₆	45/64	19/32	1 ¹ / ₄	5/8	1 ¹⁹ / ₃₂	1.496	1/2			
30	UKF307D1;H2307X	135	100	20	16	36	19	45.5	43	M16	5/8		
	UKF307D1;HS2307	5 ⁵ / ₁₆	3 ¹⁵ / ₁₆	25/32	5/8	1 ³ / ₁₆	3/4	1 ⁵¹ / ₆₄	1.693	5/8			
35	UKF308D1;H2308X	150	112	23	17	40	19	50	46	M16	5/8		
	UKF308D1;HE2308X	5 ²⁹ / ₃₂	4 ¹³ / ₁₆	29/32	2 ¹ / ₁₆	1 ³ / ₁₆	3/4	1 ³¹ / ₃₂	1.811	5/8			
40	UKF309D1;H2309X	160	125	25	18	44	19	54.5	50	M16	5/8		
	UKF309D1;HA2309	6 ⁵ / ₁₆	4 ⁹ / ₁₆	63/64	23/32	1 ²⁹ / ₃₂	3/4	2 ⁹ / ₆₄	1.969	5/8			
45	UKF310D1;H2310X	175	132	28	19	48	23	60.5	55	M20	3/4		
	UKF310D1;HS2310	6 ⁷ / ₁₆	5 ⁹ / ₁₆	1 ⁷ / ₁₆	3/4	1 ⁷ / ₈	29/32	2 ³ / ₈	2.165	3/4			
50	UKF311D1;H2311X	185	140	30	20	52	23	64	59	M20	3/4		
	UKF311D1;HS2311	7 ⁹ / ₃₂	5 ³³ / ₆₄	1 ³ / ₁₆	25/32	2 ¹ / ₁₆	29/32	2 ³³ / ₆₄	2.323	3/4			
55	UKF312D1;H2312X	195	150	33	22	56	23	69.5	62	M20	3/4		
	UKF312D1;HS2312	7 ¹¹ / ₁₆	5 ²⁹ / ₃₂	1 ⁹ / ₁₆	7/8	2 ³ / ₁₆	29/32	2 ⁴⁷ / ₆₄	2.441	3/4			

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.

In this case the lock washer with the straight inner prong should be used.

(3) For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve. To distinguish it, a suffix "Y" is added.

(4) If the inch series housing units with dust cover are ordered with a closed end, the suffixes E, S or A are not included.

Example: CM-UKF305D1;HE2305

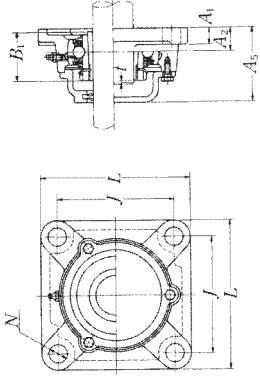
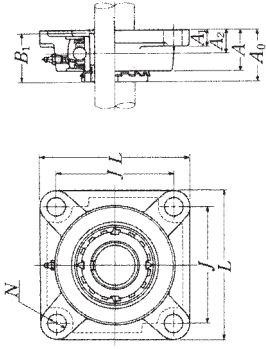
Remarks Please refer to page A21 for size of grease fitting.

B264

Bearing number	Housing number	Unit number (1) cast dust cover type	Nominal dimensions		Mass of unit	
			mm	inch	kg	lb
UK305D1;H2305X	F305D1	C(CM)-UKF305D1;H2305X	2	56	1.1	1.5
UK305D1;HE2305	F305D1	C(CM)-UKF305D1;HE2305	5/64	2 ¹ / ₃₂	2.4	3.3
UK306D1;H2306X	F306D1	C(CM)-UKF306D1;H2306X	2	60	1.7	2.1
UK306D1;HS2306	F306D1	C(CM)-UKF306D1;HS2306	5/64	2 ³ / ₁₆	3.7	4.6
UK306D1;HE2306X	F306D1	C(CM)-UKF306D1;HE2306X	5/64	2 ³ / ₁₆	3.7	4.6
UK307D1;H2307X	F307D1	C(CM)-UKF307D1;H2307X	3	68	2.1	2.7
UK307D1;HS2307	F307D1	C(CM)-UKF307D1;HS2307	1/8	2 ¹ / ₁₆	4.6	6.0
UK308D1;H2308X	F308D1	C(CM)-UKF308D1;H2308X	3	76	2.8	3.5
UK308D1;HE2308X	F308D1	C(CM)-UKF308D1;HE2308X	1/8	3	6.2	7.7
UK308D1;HS2308X	F308D1	C(CM)-UKF308D1;HS2308X	1/8	3	6.2	7.7
UK309D1;H2309X	F309D1	C(CM)-UKF309D1;H2309X	3	80	3.4	4.4
UK309D1;HA2309	F309D1	C(CM)-UKF309D1;HA2309	1/8	3 ³ / ₃₂	7.5	9.7
UK309D1;HE2309X	F309D1	C(CM)-UKF309D1;HE2309X	1/8	3 ³ / ₃₂	7.5	9.7
UK309D1;HS2309X	F309D1	C(CM)-UKF309D1;HS2309X	1/8	3 ³ / ₃₂	7.5	9.7
UK310D1;H2310X	F310D1	C(CM)-UKF310D1;H2310X	3	88	4.5	5.9
UK310D1;HS2310	F310D1	C(CM)-UKF310D1;HS2310	1/8	3 ⁵ / ₃₂	9.9	13
UK310D1;HA2310	F310D1	C(CM)-UKF310D1;HA2310	1/8	3 ⁵ / ₃₂	9.9	13
UK310D1;HE2310X	F310D1	C(CM)-UKF310D1;HE2310X	1/8	3 ⁵ / ₃₂	9.9	13
UK311D1;H2311X	F311D1	C(CM)-UKF311D1;H2311X	4	92	5.3	6.8
UK311D1;HS2311	F311D1	C(CM)-UKF311D1;HS2311	5/32	3 ⁵ / ₁₆	12	15
UK311D1;HA2311	F311D1	C(CM)-UKF311D1;HA2311	5/32	3 ⁵ / ₁₆	12	15
UK311D1;HE2311XY	F311D1	C(CM)-UKF311D1;HE2311XY	5/32	3 ⁵ / ₁₆	12	15
UK312D1;H2312X	F312D1	C(CM)-UKF312D1;H2312X	4	100	6.3	7.9
UK312D1;HS2312	F312D1	C(CM)-UKF312D1;HS2312	5/32	3 ⁵ / ₁₆	14	17

B265

Square flanged unit, cast housing
Adapter type



Cast dust cover type
Open end C-UKF...D1
Closed end CM-UKF...D1

Shaft dia. mm inch	Unit number (1)(2)	Nominal dimensions mm inch										Bolt size mm inch
		L	J	A ₂	A ₁	A	N	A ₀	B ₁			
60 2 ³ / ₁₆ 2 ¹ / ₄ 2 ³ / ₈	UKF313D1;H2313X	208	166	33	22	58	23	71.5	65	M20		
	UKF313D1;HA2313											
	UKF313D1;HE2313X	8 ³ / ₁₆	6 ⁷ / ₃₂	1 ¹⁹ / ₆₄	7 ¹ / ₈	2 ⁹ / ₃₂	2 ²⁹ / ₃₂	2 ¹³ / ₁₆	2.559	3/4		
65 2 ¹ / ₁₆ 2 ¹ / ₂	UKF315D1;H2315X	236	184	39	25	66	25	81.5	73	M22		
	UKF315D1;HA2315											
	UKF315D1;HE2315X	9 ⁹ / ₃₂	7 ¹ / ₄	1 ¹⁷ / ₃₂	3 ¹ / ₁₆	2 ⁹ / ₃₂	6 ³ / ₁₆	3 ¹³ / ₆₄	2.874	7/8		
70 2 ¹ / ₁₆ 2 ¹ / ₄	UKF316D1;H2316X	250	196	38	27	68	31	84	78	M27		
	UKF316D1;HA2316											
	UKF316D1;HE2316X	9 ²⁷ / ₃₂	7 ²³ / ₃₂	1 ¹ / ₂	1 ¹ / ₁₆	2 ¹ / ₁₆	1 ⁷ / ₃₂	3 ⁵ / ₁₆	3.071	1		
75 2 ¹⁵ / ₁₆ 3	UKF317D1;H2317X	260	204	44	27	74	31	92	82	M27		
	UKF317D1;HA2317X											
	UKF317D1;HE2317X	10 ¹ / ₄	8 ¹ / ₃₂	1 ⁴⁷ / ₆₄	1 ¹ / ₁₆	2 ²⁹ / ₃₂	1 ⁷ / ₃₂	3 ⁵ / ₈	3.228	1		
80 3 ¹ / ₁₆	UKF318D1;H2318X	280	216	44	30	76	35	94	86	M30		
	UKF318D1;HA2318X											
	UKF318D1;HE2318X	11 ¹ / ₃₂	8 ¹ / ₂	1 ⁴⁷ / ₆₄	1 ³ / ₁₆	3	1 ³ / ₈	3 ⁴⁵ / ₆₄	3.386	1 ¹ / ₈		
85 3 ¹ / ₄	UKF319D1;H2319X	290	228	59	30	94	35	111.5	90	M30		
	UKF319D1;HA2319X											
	UKF319D1;HE2319X	11 ¹³ / ₃₂	8 ⁵ / ₁₆	2 ² / ₆₄	1 ³ / ₁₆	3 ¹ / ₁₆	1 ³ / ₈	4 ²⁵ / ₆₄	3.543	1 ¹ / ₈		
90 3 ¹ / ₂	UKF320D1;H2320X	310	242	59	32	94	38	115.5	97	M33		
	UKF320D1;HA2320											
	UKF320D1;HE2320X	12 ⁷ / ₃₂	9 ⁷ / ₃₂	2 ² / ₆₄	1 ¹ / ₄	3 ¹ / ₁₆	1 ¹ / ₂	4 ³⁵ / ₆₄	3.819	1 ¹ / ₄		
100	UKF322D1;H2322X	340	266	60	35	96	41	121	105	M36		
110	UKF324D1;H2324	370	290	65	40	110	41	130	112	M36		
115	UKF326D1;H2326	410	320	65	45	115	41	133	121	M36		
125	UKF328D1;H2328	450	350	75	55	125	41	146.5	131	M36		

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

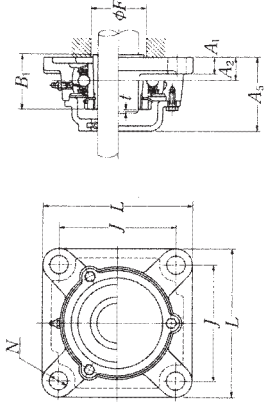
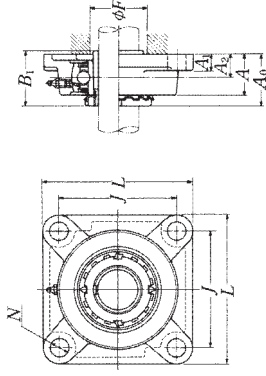
(2) Adapter number with suffix "x" means a narrow slot type adapter sleeve. In this case the lock washer with the straight inner prong should be used.

(3) If the inch series housing units with dust cover are ordered with a closed end, the suffixes E, S or A are not included. Example: CM-UKF305D1;HE2305

Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Unit number (3) cast dust cover type	Nominal dimensions		Mass of unit	
			f max.	mm inch A ₅	kg lb UKF C(CM)	
UK313D1;H2313X	F318D1	C(CM)-UKF313D1;H2313X	4	103	7.8	9.6
UK313D1;HA2313	F313D1	C(CM)-UKF313AD1;HA2313				
UK313D1;HE2313X	F313D1	C(CM)-UKF313ED1;HE2313X	5 ⁵ / ₃₂	4 ¹ / ₁₆	17	21
UK313D1;HS2313X	F313D1	C(CM)-UKF313SD1;HS2313X				
UK315D1;H2315X	F315D1	C(CM)-UKF315D1;H2315X	4	114	11	13
UK315D1;HA2315	F315D1	C(CM)-UKF315AD1;HA2315	5 ⁵ / ₃₂	4 ¹ / ₂	24	29
UK315D1;HE2315X	F315D1	C(CM)-UKF315ED1;HE2315X				
UK316D1;H2316X	F316D1	C(CM)-UKF316D1;H2316X	4	116	14	16
UK316D1;HA2316	F316D1	C(CM)-UKF316AD1;HA2316	5 ⁵ / ₃₂	4 ⁹ / ₁₆	31	35
UK316D1;HE2316X	F316D1	C(CM)-UKF316ED1;HE2316X				
UK317D1;H2317X	F317D1	C(CM)-UKF317D1;H2317X	5	129	15	19
UK317D1;HA2317X	F317D1	C(CM)-UKF317AD1;HA2317X	13 ¹⁹ / ₆₄	5 ³ / ₃₂	33	42
UK317D1;HE2317X	F317D1	C(CM)-UKF317ED1;HE2317X				
UK318D1;H2318X	F318D1	C(CM)-UKF318D1;H2318X	5	129	19	23
UK318D1;HA2318X	F318D1	C(CM)-UKF318AD1;HA2318X	19 ¹⁹ / ₆₄	5 ³ / ₃₂	42	51
UK318D1;HE2318X	F318D1	C(CM)-UKF318ED1;HE2318X				
UK319D1;H2319X	F319D1	C(CM)-UKF319D1;H2319X	5	149	22	26
UK319D1;HA2319X	F319D1	C(CM)-UKF319AD1;HA2319X	19 ¹⁹ / ₆₄	5 ⁷ / ₃₂	49	57
UK319D1;HE2319X	F319D1	C(CM)-UKF319ED1;HE2319X				
UK320D1;H2320X	F320D1	C(CM)-UKF320D1;H2320X	5	154	27	32
UK320D1;HA2320	F320D1	C(CM)-UKF320AD1;HA2320	19 ¹⁹ / ₆₄	6 ¹ / ₁₆	60	71
UK320D1;HE2320X	F320D1	C(CM)-UKF320ED1;HE2320X				
UK322D1;H2322X	F322D1	C(CM)-UKF322D1;H2322X	5	160	35	41
UK324D1;H2324	F324D1	C(CM)-UKF324D1;H2324	5	172	48	56
UK326D1;H2326	F326D1	C(CM)-UKF326D1;H2326	6	178	63	75
UK328D1;H2328	F328D1	C(CM)-UKF328D1;H2328	6	192	90	101

Square flanged unit, cast housing
Adapter type



Cast dust cover type
Open end C-UKF...D1
Closed end CM-UKF...D1

Shaft dia. mm inch	Unit number ⁽¹⁾ / ₍₂₎ / ₍₃₎	Nominal dimensions mm inch							Bolt size mm inch		
		L	J	A ₂	A ₁	A	N	A ₀		B ₁	F min.
20 3/4	UKFX05D1;H2305X	108	83	18	13	30	12	39	35	-	M10
	UKFX05D1;HE2305	4 1/4	3 3/4	4 5/8	1/2	1 3/16	15/32	1 7/8	1.378	-	3/8
	UKFX06D1;H2306X	117	92	19	14	34	16	41.5	38	-	M14
25 1	UKFX06D1;HE2306	4 13/32	3 5/8	3/4	9/16	1 11/32	5/8	1 11/16	1.496	-	1/2
	UKFX06D1;H2306X	130	102	21	14	38	16	45.5	43	-	M14
30 1 1/8	UKFX07D1;H2307X	5 1/8	4 1/4	5/8	9/16	1 1/2	5/8	1 5/8	1.693	-	1/2
	UKFX07D1;HS2307	137	105	22	14	40	19	47.5	46	46	M16
35 1 1/4 1 1/8	UKFX08D1;H2308X	5 5/8	4 3/4	5/8	9/16	1 9/16	3/4	1 7/8	1.811	1 13/16	5/8
	UKFX08D1;HE2308X	143	111	23	14	40	19	50	52	52	M16
	UKFX08D1;H2308X	143	111	23	14	40	19	50	52	52	M16
40 1 5/8 1 1/2 1 5/8	UKFX09D1;H2309X	5 5/8	4 3/8	29/32	9/16	1 9/16	3/4	1 3/8	1.969	2 1/16	5/8
	UKFX09D1;HE2309X	143	111	23	14	40	19	50	52	52	M16
	UKFX09D1;H2309X	143	111	23	14	40	19	50	52	52	M16
45 1 7/8 1 1/2 1 3/4	UKFX10D1;H2310X	162	130	26	20	44	19	55.5	55	57	M16
	UKFX10D1;HE2310	6 3/8	5 1/8	1 1/32	25/32	1 23/32	3/4	2 3/16	2.165	2 1/4	5/8
	UKFX10D1;H2310X	162	130	26	20	44	19	55.5	55	57	M16
50 1 7/8 1 1/2 2	UKFX11D1;H2311X	175	143	29	20	49	19	60	59	64	M16
	UKFX11D1;HE2311	6 7/8	5 5/8	1 1/8	25/32	1 15/16	3/4	2 29/64	2.323	2 17/32	5/8
	UKFX11D1;H2311X	175	143	29	20	49	19	60	59	64	M16
55 2 1/8	UKFX12D1;H2312X	187	149	34	21	59	19	67	62	-	M16
	UKFX12D1;HE2312	7 3/8	5 7/8	1 1/32	1/16	2 1/16	3/4	2 7/8	2.441	-	5/8

Notes ⁽¹⁾ These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

⁽²⁾ Adapter number with suffix "X" means a narrow slot type adapter sleeve.

In this case the lock washer with the straight inner prong should be used.

⁽³⁾ For HE2311X, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve.

To distinguish it, a suffix "Y" is added.

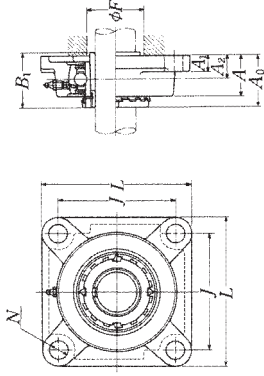
⁽⁴⁾ If the inch series housing units with dust cover are ordered with a closed end, the suffixes E, S or A are not included.

Example: CM-UKFX05D1;HE2305

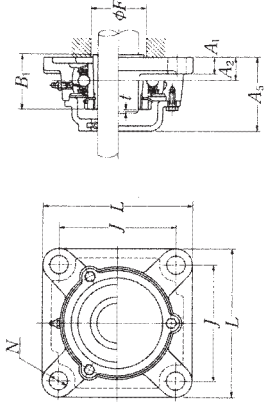
Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Unit number ⁽¹⁾ cast dust cover type	Nominal dimensions		Mass of unit kg lb
			t mm max.	A ₃ inch	
UKX05D1;H2305X	FX05D1	C(CM)-UKFX05D1;H2305X	2	56	1.1
UKX05D1;HE2305	FX05D1	C(CM)-UKFX05D1;HE2305	5/64	2 7/32	2.4
UKX06D1;H2306X	FX06D1	C(CM)-UKFX06D1;H2306X	2	59	1.6
UKX06D1;HE2306	FX06D1	C(CM)-UKFX06D1;HE2306	5/64	2 5/16	3.5
UKX06D1;H2306X	FX06D1	C(CM)-UKFX06D1;H2306X	2	59	1.6
UKX07D1;H2307X	FX07D1	C(CM)-UKFX07D1;H2307X	3	66	2.1
UKX07D1;HS2307	FX07D1	C(CM)-UKFX07D1;HS2307	1 1/8	2 9/32	4.6
UKX08D1;H2308X	FX08D1	C(CM)-UKFX08D1;H2308X	3	70	2.5
UKX08D1;HE2308X	FX08D1	C(CM)-UKFX08D1;HE2308X	1 1/8	2 3/4	5.5
UKX08D1;H2308X	FX08D1	C(CM)-UKFX08D1;H2308X	3	70	2.5
UKX09D1;H2309X	FX09D1	C(CM)-UKFX09D1;H2309X	3	73	2.5
UKX09D1;HA2309	FX09D1	C(CM)-UKFX09AD1;HA2309	3	73	2.5
UKX09D1;HE2309X	FX09D1	C(CM)-UKFX09ED1;HE2309X	1 1/8	2 7/8	5.5
UKX09D1;H2309X	FX09D1	C(CM)-UKFX09SD1;HS2309X	3	73	2.5
UKX10D1;H2310X	FX10D1	C(CM)-UKFX10D1;H2310X	3	76	3.8
UKX10D1;HE2310	FX10D1	C(CM)-UKFX10SD1;HS2310	1 1/8	3	8.4
UKX10D1;H2310X	FX10D1	C(CM)-UKFX10AD1;HA2310	3	76	3.8
UKX10D1;HE2310X	FX10D1	C(CM)-UKFX10ED1;HE2310X	1 1/8	3	8.4
UKX11D1;H2311X	FX11D1	C(CM)-UKFX11D1;H2311X	4	86	4.7
UKX11D1;HE2311	FX11D1	C(CM)-UKFX11SD1;HS2311	5/32	3 3/8	10
UKX11D1;H2311X	FX11D1	C(CM)-UKFX11AD1;HA2311	4	86	4.7
UKX11D1;HE2311X	FX11D1	C(CM)-UKFX11ED1;HE2311X	5/32	3 3/8	10
UKX12D1;H2312X	FX12D1	C(CM)-UKFX12D1;H2312X	4	94	6.4
UKX12D1;HS2312	FX12D1	C(CM)-UKFX12SD1;HS2312	5/32	3 7/8	14

Square flanged unit, cast housing
Adapter type



Cast dust cover type
Open end C-UKF...D1
Closed end CM-UKF...D1



Shaft dia. mm inch	Unit number (1)	Nominal dimensions							Bolt size mm inch		
		L	J	A ₂	A ₁	A	N	A ₀		B ₁	F min.
60 2 ³ / ₁₆ 2 ¹ / ₄ 2 ⁵ / ₈	UKFX13D1;H2313X	187	149	34	21	59	19	69	65	-	M16
	UKFX13D1;HA2313										
	UKFX13D1;HE2313X	7 ³ / ₈	5 ⁵⁵ / ₆₄	1 ¹¹ / ₃₂	13 ¹ / ₁₆	2 ⁵ / ₁₆	3 ¹ / ₄	2 ²⁹ / ₃₂	2.559	-	5/ ₈
65 2 ¹ / ₁₆ 2 ¹ / ₂	UKFX15D1;H2315X	197	152	40	24	68	23	77.5	73	-	M20
	UKFX15D1;HA2315										
	UKFX15D1;HE2315X	7 ³ / ₄	5 ⁶³ / ₆₄	1 ³⁷ / ₆₄	15 ¹ / ₁₆	2 ¹¹ / ₁₆	2 ⁹ / ₃₂	3 ³ / ₆₄	2.874	-	3/ ₄
70 2 ¹ / ₁₆ 2 ³ / ₄	UKFX16D1;H2316X	214	171	40	24	70	23	80	78	90	M20
	UKFX16D1;HA2316										
	UKFX16D1;HE2316X	8 ⁷ / ₁₆	6 ⁴⁷ / ₆₄	1 ³⁷ / ₆₄	15 ¹ / ₁₆	2 ³ / ₄	2 ⁹ / ₃₂	3 ⁵ / ₃₂	3.071	3 ¹⁷ / ₃₂	3/ ₄
75 2 ¹⁵ / ₁₆ 3	UKFX17D1;H2317X	214	171	40	24	70	23	81.5	82	95	M20
	UKFX17D1;HA2317X										
	UKFX17D1;HE2317X	8 ⁷ / ₁₆	6 ⁴⁷ / ₆₄	1 ³⁷ / ₆₄	15 ¹ / ₁₆	2 ³ / ₄	2 ⁹ / ₃₂	3 ¹³ / ₆₄	3.228	3 ³ / ₄	3/ ₄
80 3 ³ / ₁₆	UKFX18D1;H2318X	214	171	45	24	76	23	87.5	86	102	M20
	UKFX18D1;HA2318X	8 ⁷ / ₁₆	6 ⁷ / ₆₄	1 ⁴⁹ / ₆₄	15 ¹ / ₁₆	3	2 ²⁹ / ₃₂	3 ⁷ / ₁₆	3.386	4 ¹ / ₃₂	3/ ₄
90	UKFX20D1;H2320X	268	211	59	31	97	31	107.5	97	-	M27

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

(2) Adapter number with suffix "x" means a narrow slot type adapter sleeve.

In this case the lock washer with the straight inner prong should be used.

(3) If the inch series housing units with dust cover are ordered with a closed end, the suffixes E, S or A are not included.

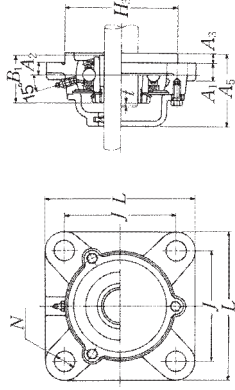
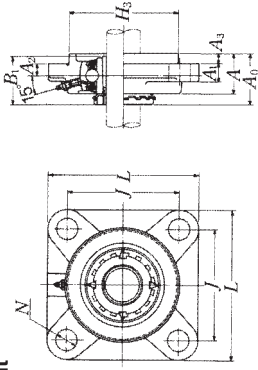
Example: CM-UKFX05D1;HE2305

Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Unit number (2) cast dust cover type	Nominal dimensions		Mass of unit	
			t mm max.	A ₃ inch	kg lb	C (CM) C (CM)
UKX13D1;H2313X	FX13D1	C(CM)-UKFX13D1;H2313X	4	101	6.4	7.6
UKX13D1;HA2313	FX13D1	C(CM)-UKFX13AD1;HA2313				
UKX13D1;HE2313X	FX13D1	C(CM)-UKFX13ED1;HE2313X	5 ⁵ / ₃₂	3 ³ / ₃₂	14	17
UKX13D1;HS2313X	FX13D1	C(CM)-UKFX13SD1;HS2313X				
UKX15D1;H2315X	FX15D1	C(CM)-UKFX15D1;H2315X	4	112	8.7	10
UKX15D1;HA2315	FX15D1	C(CM)-UKFX15AD1;HA2315	5 ⁵ / ₃₂	4 ¹³ / ₃₂	19	22
UKX15D1;HE2315X	FX15D1	C(CM)-UKFX15ED1;HE2315X				
UKX16D1;H2316X	FX16D1	C(CM)-UKFX16D1;H2316X	4	118	11	12
UKX16D1;HA2316	FX16D1	C(CM)-UKFX16AD1;HA2316	5 ⁵ / ₃₂	4 ²¹ / ₃₂	24	26
UKX16D1;HE2316X	FX16D1	C(CM)-UKFX16ED1;HE2316X				
UKX17D1;H2317X	FX17D1	C(CM)-UKFX17D1;H2317X	5	122	12	14
UKX17D1;HA2317X	FX17D1	C(CM)-UKFX17AD1;HA2317X	13 ¹³ / ₆₄	4 ¹³ / ₁₆	26	31
UKX17D1;HE2317X	FX17D1	C(CM)-UKFX17ED1;HE2317X				
UKX18D1;H2318X	FX18D1	C(CM)-UKFX18D1;H2318X	5	135	12	14
UKX18D1;HA2318X	FX18D1	C(CM)-UKFX18AD1;HA2318	13 ¹³ / ₆₄	5 ⁵ / ₁₆	26	31
UKX20D1;H2320X	FX20D1	C(CM)-UKFX20D1;H2320X	5	146.5	20	22

UKFS3

Square flanged unit, cast housing with spigot joint Adapter type



Cast dust cover type
Open end C-UKFS...D1
Closed end CM-UKFS...D1

Shaft dia. mm inch	Unit number ⁽¹⁾ (⁽²⁾)	Nominal dimensions mm inch										Bolt size mm inch		
		L	J	A ₂	N	A ₃	A ₁	A	H ₃	A ₀	B ₁	B ₂	mm	inch
20 3/4	UKFS305D1;HE2305X	110	80	9	16	7	13	29	80	37	35	M14		
	UKFS305D1;HE2305	4 1/2	3 1/2	23/64	5/8	9/32	1/2	1 1/8	3.1496	1 29/64	1.378	1/2		
25 1	UKFS306D1;HE2306X	125	95	10	16	8	15	32	90	40.5	38	M14		
	UKFS306D1;HE2306	4 29/32	3 7/8	25/64	5/8	5/16	19/32	1 17/64	3.5433	1 19/32	1.496	1/2		
30 1 1/8	UKFS307D1;HE2307X	135	100	11	19	9	16	36	100	45.5	43	M16		
	UKFS307D1;HE2307	5 1/8	3 15/16	7/16	3/4	29/64	5/8	1 13/32	3.9370	1 51/64	1.693	5/8		
35 1 1/4	UKFS308D1;HE2308X	150	112	13	19	10	17	40	115	50	46	M16		
	UKFS308D1;HE2308	5 29/32	4 13/32	39/64	3/4	25/64	21/32	1 1/16	4.5276	1 91/32	1.811	5/8		
40 1 5/8	UKFS309D1;HE2309X	160	125	14	19	11	18	44	125	54.5	50	M16		
	UKFS309D1;HE2309	6 1/8	4 69/64	35/64	3/4	7/16	29/32	1 7/64	4.9213	2 9/64	1.969	5/8		
45 1 7/8	UKFS310D1;HE2310X	175	132	16	23	12	19	48	140	60.5	55	M20		
	UKFS310D1;HE2310	6 7/8	5 19/64	5/8	29/32	15/32	3/4	1 5/64	5.5118	2 3/8	2.165	3/4		
50 1 3/4	UKFS311D1;HE2311X	185	140	17	23	13	20	52	150	64	59	M20		
	UKFS311D1;HE2311	7 1/2	5 39/64	49/64	29/32	39/64	29/32	2 3/64	5.9055	2 29/64	2.323	3/4		
55 2 1/8	UKFS312D1;HE2312X	195	150	19	23	14	22	56	160	69.5	62	M20		
	UKFS312D1;HE2312	7 1/8	5 29/32	7/8	29/32	39/64	7/8	2 9/64	6.2992	2 29/64	2.441	3/4		

Notes ⁽¹⁾ These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

⁽²⁾ Adapter number with suffix "X" means a narrow slot type adapter sleeve.

In this case the lock washer with the straight inner prong should be used.

⁽³⁾ For HE2311X, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve.

To distinguish it, a suffix "Y" is added.

⁽⁴⁾ If the inch series housing units with dust cover are ordered with a closed end, the suffixes E, S or A are not included.

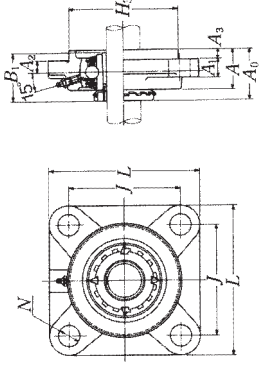
Example: CM-UKFS305D1;HE2305

Remarks Please refer to page A21 for size of grease fitting.

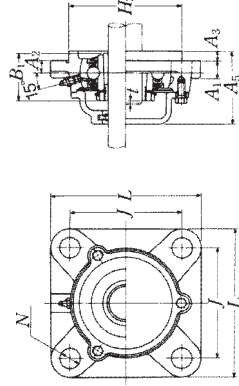
Bearing number	Housing number	Unit number ⁽¹⁾ cast dust cover type	Nominal dimensions		Mass of unit kg lb
			t mm max.	A ₅ inch	
UK305D1;HE2305X	FS305D1	C(CM)-UKFS305D1;HE2305X	2	56	1.2
UK305D1;HE2305	FS305D1	C(CM)-UKFS305ED1;HE2305	5/64	2 13/64	2.6
UK306D1;HE2306X	FS306D1	C(CM)-UKFS306D1;HE2306X	2	60	1.8
UK306D1;HE2306	FS306D1	C(CM)-UKFS306SD1;HE2306	5/64	2 23/64	4.0
UK306D1;HE2306X	FS306D1	C(CM)-UKFS306ED1;HE2306X			4.9
UK307D1;HE2307X	FS307D1	C(CM)-UKFS307D1;HE2307X	3	67	2.3
UK307D1;HE2307	FS307D1	C(CM)-UKFS307SD1;HE2307	1/8	2 41/64	5.1
UK308D1;HE2308X	FS308D1	C(CM)-UKFS308D1;HE2308X	3	76	3.2
UK308D1;HE2308	FS308D1	C(CM)-UKFS308ED1;HE2308	1/8	2 69/64	7.1
UK308D1;HE2308X	FS308D1	C(CM)-UKFS308SD1;HE2308X			8.2
UK309D1;HE2309X	FS309D1	C(CM)-UKFS309D1;HE2309X	3	80	3.8
UK309D1;HE2309	FS309D1	C(CM)-UKFS309AD1;HE2309			4.7
UK309D1;HE2309X	FS309D1	C(CM)-UKFS309ED1;HE2309X	1/8	3 5/32	8.4
UK309D1;HE2309X	FS309D1	C(CM)-UKFS309SD1;HE2309X			10
UK310D1;HE2310X	FS310D1	C(CM)-UKFS310D1;HE2310X	3	88	5.1
UK310D1;HE2310	FS310D1	C(CM)-UKFS310SD1;HE2310	1/8	3 15/32	11
UK310D1;HE2310X	FS310D1	C(CM)-UKFS310AD1;HE2310			14
UK310D1;HE2310X	FS310D1	C(CM)-UKFS310ED1;HE2310X			16
UK311D1;HE2311X	FS311D1	C(CM)-UKFS311D1;HE2311X	4	93	5.9
UK311D1;HE2311	FS311D1	C(CM)-UKFS311SD1;HE2311			7.3
UK311D1;HE2311X	FS311D1	C(CM)-UKFS311AD1;HE2311	5/32	3 91/32	13
UK311D1;HE2311X	FS311D1	C(CM)-UKFS311ED1;HE2311X			16
UK312D1;HE2312X	FS312D1	C(CM)-UKFS312D1;HE2312X	4	100	7.0
UK312D1;HE2312	FS312D1	C(CM)-UKFS312SD1;HE2312	5/32	3 11/16	15
UK312D1;HE2312X	FS312D1	C(CM)-UKFS312ED1;HE2312X			19

UKFS3

Square flanged unit, cast housing with spigot Adapter type



Cast dust cover type
Open end C-UKFS...D1
Closed end CM-UKFS...D1



Shaft dia. mm inch	Unit number (1)	Nominal dimensions mm inch										Bolt size mm inch				
		L	J	A ₂	N	A ₁	A ₃	A ₄	A ₅	A ₆	H ₃		B ₁			
60	UKFS313D1;H2313X UKFS313D1;HA2313 UKFS313D1;HE2313X UKFS313D1;HS2313X	208 8 3/16	166 6 7/32	15 19/32	33 29/32	18 48/64	22 7/8	58 2 3/32	22 2 9/32	18 48/64	22 7/8	58 2 3/32	175 6.8898	71.5 2 13/16	65 2.559	M20 3/4
65	UKFS315D1;H2315X UKFS315D1;HA2315 UKFS315D1;HE2315X	236 9 3/32	184 7 1/4	21 53/64	25 63/64	18 45/64	25 31/32	66 2 9/32	25 2 9/32	18 45/64	25 31/32	66 2 9/32	200 7.8740	81.5 3 13/64	73 2.874	M22 7/8
70	UKFS316D1;H2316X UKFS316D1;HA2316 UKFS316D1;HE2316X	250 9 7/32	196 7 23/32	18 45/64	31 7 7/32	20 25/32	27 1 1/16	68 2 9/16	27 2 9/16	20 51/64	27 2 9/16	68 2 9/16	210 8.2677	84 3 5/16	78 3.071	M27 1
75	UKFS317D1;H2317X UKFS317D1;HA2317X UKFS317D1;HE2317X	260 10 1/4	204 8 1/32	24 15/16	31 7 7/32	20 25/32	27 1 1/16	74 2 29/32	27 2 29/32	20 51/64	27 2 9/16	74 2 29/32	220 8.6614	92 3 5/8	82 3.228	M27 1
80	UKFS318D1;H2318X UKFS318D1;HA2318X	280 11 1/32	216 8 1/2	24 15/16	35 1 1/8	20 25/32	30 3 3/16	76 2 9/16	30 2 9/16	20 51/64	30 3 3/16	76 2 9/16	240 9.4488	94 3 5/8	86 3.386	M30 1 1/8
85	UKFS319D1;H2319X UKFS319D1;HA2319X UKFS319D1;HE2319X	290 11 9/32	228 8 31/32	39 1 7/32	35 1 1/8	20 25/32	30 3 3/16	94 3 5/8	30 3 5/8	20 51/64	30 3 5/8	94 3 5/8	250 9.8425	111.5 4 25/64	90 3.543	M30 1 1/8
90	UKFS320D1;H2320X UKFS320D1;HA2320 UKFS320D1;HE2320X	310 12 1/32	242 9 17/32	39 1 7/32	38 1 1/2	20 25/32	32 1 1/4	94 3 5/8	32 3 5/8	20 51/64	32 3 5/8	94 3 5/8	260 10.2362	115.5 4 35/64	97 3.819	M33 1 1/4
100	UKFS322D1;H2322X	340	266	35	41	25	35	96	300	121	105	M36				
110	UKFS324D1;H2324	370	290	35	41	30	40	110	330	130	112	M36				
115	UKFS326D1;H2326	410	320	35	41	30	45	115	360	133	121	M36				
125	UKFS328D1;H2328	450	350	45	41	30	55	125	400	146.5	131	M36				

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve. In this case the lock washer with the straight inner prong should be used.

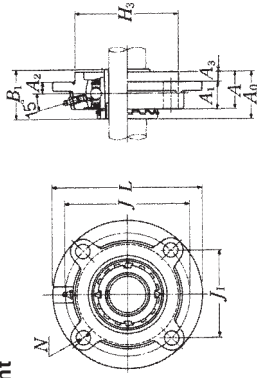
(3) If the inch series housing units with dust cover are ordered with a closed end, the suffixes E, S or A are not included. Example: CM-UKFS305D1;HE2305

Remarks Please refer to page A21 for size of grease fitting.

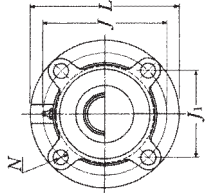
Bearing number	Housing number	Unit number (1) cast dust cover type	Nominal dimensions		Mass of unit	
			t max.	mm inch	kg lb	C(CM)
UK313D1;H2313X UK313D1;HA2313 UK313D1;HE2313X UK313D1;HS2313X	FS313D1 FS313D1 FS313D1 FS313D1	C(CM)-UKFS313D1;H2313X C(CM)-UKFS313AD1;HA2313 C(CM)-UKFS313ED1;HE2313X C(CM)-UKFS313SD1;HS2313X	4 5/32	103 4 1/16	8.4 19	10 22
UK315D1;H2315X UK315D1;HA2315 UK315D1;HE2315X	FS315D1 FS315D1 FS315D1	C(CM)-UKFS315D1;H2315X C(CM)-UKFS315AD1;HA2315 C(CM)-UKFS315ED1;HE2315X	4 5/32	114 4 31/64	12 26	14 31
UK316D1;H2316X UK316D1;HA2316 UK316D1;HE2316X	FS316D1 FS316D1 FS316D1	C(CM)-UKFS316D1;H2316X C(CM)-UKFS316AD1;HA2316 C(CM)-UKFS316ED1;HE2316X	4 5/32	116 4 9/16	15 33	17 37
UK317D1;H2317X UK317D1;HA2317X UK317D1;HE2317X	FS317D1 FS317D1 FS317D1	C(CM)-UKFS317D1;H2317X C(CM)-UKFS317AD1;HA2317X C(CM)-UKFS317ED1;HE2317X	5 13/64	129 5 5/64	17 37	20 44
UK318D1;H2318X UK318D1;HA2318X	FS318D1 FS318D1	C(CM)-UKFS318D1;H2318X C(CM)-UKFS318AD1;HA2318X	5 13/64	129 5 5/64	21 46	24 53
UK319D1;H2319X UK319D1;HE2319X	FS319D1 FS319D1	C(CM)-UKFS319D1;H2319X C(CM)-UKFS319ED1;HE2319X	5 13/64	149 5 85/64	24 53	29 64
UK320D1;H2320X UK320D1;HA2320 UK320D1;HE2320X	FS320D1 FS320D1 FS320D1	C(CM)-UKFS320D1;H2320X C(CM)-UKFS320AD1;HA2320 C(CM)-UKFS320ED1;HE2320X	5 13/64	154 6 1/16	29 64	34 75
UK322D1;H2322X	FS322D1	C(CM)-UKFS322D1;H2322X	5	160	38	46
UK324D1;H2324	FS324D1	C(CM)-UKFS324D1;H2324	5	172	51	59
UK326D1;H2326	FS326D1	C(CM)-UKFS326D1;H2326	6	178	69	79
UK328D1;H2328	FS328D1	C(CM)-UKFS328D1;H2328	6	192	98	110

UKFC2

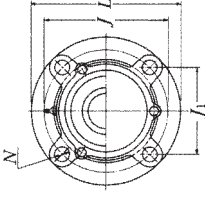
Round flanged unit, cast housing with spigot joint Adapter type



Pressed steel dust cover type
Open end Z-UKFC...D1
Closed end ZM-UKFC...D1



Cast dust cover type
Open end C-UKFC...D1
Closed end CM-UKFC...D1



Shaft dia. mm inch	Unit number (°)	Nominal dimensions										Bolt size	Bearing number		
		L	J	(J ₁)	A ₂	A ₃	A ₁	A	H ₃	A ₀	B ₁			F	mm inch
20	UKFC205D1;H2305X	115	90	63.6	10	12	6	21	27	70	35.5	35	30	M10	UK205D;H2305X
	UKFC205D1;HE2305	4 ³ / ₈	3 ⁵ / ₈	2 ¹ / ₂	2 ⁵ / ₈	1 ⁵ / ₈	1 ³ / ₈	1 ³ / ₈	2.7559	1 ²⁵ / ₆₄	1.378	1 ³ / ₈	1 ³ / ₈	3/8	UK205D;HE2305
25	UKFC206D1;H2306X	125	100	70.7	10	12	8	23	31	80	39	38	36	M10	UK206D;H2306X
	UKFC206D1;HS2306	4 ²⁹ / ₃₂	3 ¹⁵ / ₁₆	2 ²⁵ / ₆₄	2 ⁵ / ₈	1 ²⁹ / ₃₂	1 ⁵ / ₈	1 ²⁹ / ₃₂	3.1496	1 ¹⁷ / ₃₂	1.496	1 ¹³ / ₃₂	1 ¹³ / ₃₂	3/8	UK206D;HS2306
30	UKFC207D1;H2307X	135	110	77.8	11	14	8	26	34	90	42.5	43	40	M12	UK207D;H2307X
	UKFC207D1;HS2307	5 ¹ / ₈	4 ²⁹ / ₃₂	3 ¹ / ₈	3 ¹ / ₈	1 ²⁹ / ₃₂	1 ⁵ / ₈	1 ²⁹ / ₃₂	3.5433	1 ¹⁹ / ₆₄	1.693	1 ⁹ / ₁₆	1 ⁹ / ₁₆	7/16	UK207D;HS2307
35	UKFC208D1;H2308X	145	120	84.9	11	14	10	26	36	100	46.5	46	46	M12	UK208D;H2308X
	UKFC208D1;HE2308	5 ²⁵ / ₃₂	4 ²⁹ / ₃₂	3 ¹ / ₈	3 ¹ / ₈	1 ²⁹ / ₃₂	1 ²⁵ / ₃₂	1 ²⁹ / ₃₂	3.9370	1 ¹⁹ / ₆₄	1.811	1 ¹³ / ₁₆	1 ¹³ / ₁₆	7/16	UK208D;HE2308
40	UKFC209D1;H2309X	160	132	93.3	10	16	12	26	38	105	48.5	50	52	M14	UK209D;H2309X
	UKFC209D1;HA2309	6 ¹ / ₈	5 ¹³ / ₁₆	3 ¹³ / ₁₆	2 ⁵ / ₈	1 ²⁹ / ₃₂	1 ¹⁵ / ₈	1 ²⁹ / ₃₂	4.1339	1 ²⁹ / ₃₂	1.969	2 ¹ / ₁₆	2 ¹ / ₁₆	1/2	UK209D;HA2309
45	UKFC210D1;H2310X	165	138	97.6	10	16	12	28	40	110	50	55	57	M14	UK210D;H2310X
	UKFC210D1;HA2310	6 ¹ / ₂	5 ⁷ / ₈	3 ²⁷ / ₃₂	2 ⁵ / ₈	1 ³ / ₂	1 ³ / ₂	1 ³ / ₂	4.3307	1 ³¹ / ₃₂	2.165	2 ¹ / ₄	2 ¹ / ₄	1/2	UK210D;HA2310
50	UKFC211D1;H2311X	185	150	106.1	13	19	12	31	43	125	54.5	59	64	M16	UK211D;H2311X
	UKFC211D1;HS2311	7 ⁹ / ₃₂	5 ²⁹ / ₃₂	4 ¹ / ₈	3 ⁹ / ₁₆	1 ¹⁵ / ₈	1 ¹⁵ / ₈	1 ¹⁵ / ₈	4.9213	2 ⁹ / ₆₄	2.323	2 ¹⁷ / ₃₂	2 ¹⁷ / ₃₂	5/8	UK211D;HS2311
55	UKFC212D1;H2312X	195	160	113.1	17	19	12	36	48	135	61	62	69	M16	UK212D;H2312X
	UKFC212D1;HS2312	7 ¹ / ₈	6 ⁵ / ₈	4 ⁹ / ₁₆	4 ⁹ / ₁₆	1 ¹⁵ / ₈	1 ¹⁵ / ₈	1 ¹⁵ / ₈	5.3150	2 ⁹ / ₃₂	2.441	2 ²⁵ / ₃₂	2 ²⁵ / ₃₂	5/8	UK212D;HS2312

Notes (°) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

(°) Adapter number with suffix "x" means a narrow slot type adapter sleeve.

(°) In this case the lock washer with the straight inner prong should be used.

(°) For HE2311X, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve.

To distinguish it, a suffix "y" is added.

(°) If the inch series housing units with dust cover are ordered with a closed end, the suffixes E, S or A are not included.

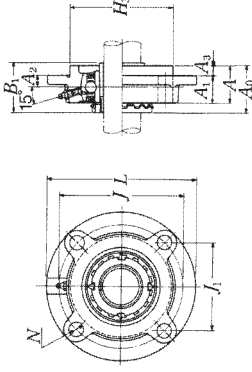
Example: ZM-UKFC205D1;HE2305

Remarks Please refer to page A21 for size of grease fitting.

Housing number	Unit number (°) pressed steel dust cover type	Unit number (°) cast dust cover type	Nominal dimensions					Mass of unit				
			t max.	mm	inch	kg	lb	UKFC	Z(M)	C(M)		
FC205D1	Z(M)-UKFC205D1;H2305X	C(M)-UKFC205D1;H2305X	2	40	22	51	1.0	1.1	1.2	2.2	2.4	2.6
FC205D1	Z(M)-UKFC205D1;HE2305	C(M)-UKFC205D1;HE2305	5/64	1 ¹⁹ / ₃₂	7/8	2	2.2	2.4	2.6	2.2	2.4	2.6
FC206D1	Z(M)-UKFC206D1;H2306X	C(M)-UKFC206D1;H2306X	2	45	24.5	56	1.3	1.4	1.7	2.9	3.1	3.7
FC206D1	Z(M)-UKFC206D1;HS2306	C(M)-UKFC206D1;HS2306	5/64	1 ³ / ₄	3 ¹ / ₈	2 ¹⁹ / ₆₄	2.9	3.1	3.7	2.9	3.1	3.7
FC206D1	Z(M)-UKFC206D1;HE2306X	C(M)-UKFC206D1;HE2306X	5/64	1 ³ / ₄	3 ¹ / ₈	2 ¹⁹ / ₆₄	2.9	3.1	3.7	2.9	3.1	3.7
FC207D1	Z(M)-UKFC207D1;H2307X	C(M)-UKFC207D1;H2307X	3	49	26	59	1.7	1.8	2.0	3.7	4.0	4.4
FC207D1	Z(M)-UKFC207D1;HS2307	C(M)-UKFC207D1;HS2307	1/8	1 ¹⁵ / ₁₆	1 ¹ / ₂	2 ¹ / ₁₆	3.7	4.0	4.4	3.7	4.0	4.4
FC208D1	Z(M)-UKFC208D1;H2308X	C(M)-UKFC208D1;H2308X	3	56	27.5	66	2.1	2.2	2.6	2.1	2.2	2.6
FC208D1	Z(M)-UKFC208D1;HE2308	C(M)-UKFC208D1;HE2308	1/8	2 ³ / ₁₆	1 ⁵ / ₈	2 ¹⁹ / ₃₂	4.6	4.9	5.7	4.6	4.9	5.7
FC208D1	Z(M)-UKFC208D1;HS2308X	C(M)-UKFC208D1;HS2308X	1/8	2 ³ / ₁₆	1 ⁵ / ₈	2 ¹⁹ / ₃₂	4.6	4.9	5.7	4.6	4.9	5.7
FC209D1	Z(M)-UKFC209D1;H2309X	C(M)-UKFC209D1;H2309X	3	57	28	70	2.8	2.9	3.4	2.8	2.9	3.4
FC209D1	Z(M)-UKFC209D1;HA2309	C(M)-UKFC209D1;HA2309	1/8	2 ¹ / ₄	1 ⁷ / ₁₆	2 ³ / ₄	6.2	6.4	7.5	6.2	6.4	7.5
FC209D1	Z(M)-UKFC209D1;HE2309X	C(M)-UKFC209D1;HE2309X	1/8	2 ¹ / ₄	1 ⁷ / ₁₆	2 ³ / ₄	6.2	6.4	7.5	6.2	6.4	7.5
FC209D1	Z(M)-UKFC209D1;HS2309X	C(M)-UKFC209D1;HS2309X	1/8	2 ¹ / ₄	1 ⁷ / ₁₆	2 ³ / ₄	6.2	6.4	7.5	6.2	6.4	7.5
FC210D1	Z(M)-UKFC210D1;H2310X	C(M)-UKFC210D1;H2310X	3	60	29	72	3.1	3.3	4.8	3.1	3.3	4.8
FC210D1	Z(M)-UKFC210D1;HS2310	C(M)-UKFC210D1;HS2310	1/8	2 ³ / ₈	3 ³ / ₈	2 ¹⁵ / ₆₄	6.8	7.3	11	6.8	7.3	11
FC210D1	Z(M)-UKFC210D1;HA2310	C(M)-UKFC210D1;HA2310	1/8	2 ³ / ₈	3 ³ / ₈	2 ¹⁵ / ₆₄	6.8	7.3	11	6.8	7.3	11
FC210D1	Z(M)-UKFC210D1;HE2310X	C(M)-UKFC210D1;HE2310X	1/8	2 ³ / ₈	3 ³ / ₈	2 ¹⁵ / ₆₄	6.8	7.3	11	6.8	7.3	11
FC211D1	Z(M)-UKFC211D1;H2311X	C(M)-UKFC211D1;H2311X	4	64	32.5	75	4.2	4.4	5.1	4.2	4.4	5.1
FC211D1	Z(M)-UKFC211D1;HS2311	C(M)-UKFC211D1;HS2311	5/32	2 ¹ / ₂	3 ³ / ₈	2 ¹⁵ / ₆₄	9.3	9.7	11	9.3	9.7	11
FC211D1	Z(M)-UKFC211D1;HA2311	C(M)-UKFC211D1;HA2311	5/32	2 ¹ / ₂	3 ³ / ₈	2 ¹⁵ / ₆₄	9.3	9.7	11	9.3	9.7	11
FC211D1	Z(M)-UKFC211D1;HE2311X	C(M)-UKFC211D1;HE2311X	5/32	2 ¹ / ₂	3 ³ / ₈	2 ¹⁵ / ₆₄	9.3	9.7	11	9.3	9.7	11
FC212D1	Z(M)-UKFC212D1;H2312X	C(M)-UKFC212D1;H2312X	4	74	38	86	5.0	5.2	6.1	5.0	5.2	6.1
FC212D1	Z(M)-UKFC212D1;HS2312	C(M)-UKFC212D1;HS2312	5/32	2 ²⁵ / ₃₂	3 ³ / ₈	3 ²⁵ / ₆₄	11	11	13	11	11	13
FC212D1	Z(M)-UKFC212D1;HE2312	C(M)-UKFC212D1;HE2312	5/32	2 ²⁵ / ₃₂	3 ³ / ₈	3 ²⁵ / ₆₄	11	11	13	11	11	13

UKFC2

Round flanged unit, cast housing with spigot joint Adapter type



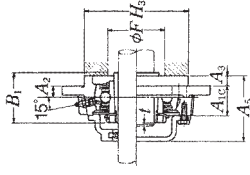
Shaft dia. mm inch	Unit number (1)	Nominal dimensions										Bolt size	Bearing number		
		L	J	(J ₁)	A ₃	A ₁	A	H ₃	A ₀	B ₁	F			mm	inch
60 2 3/16 2 1/4	UKFC213D1;H2313X	205	170	120.2	16	19	14	36	50	145	64	65	74	M16	UK213D1;H2313X
	UKFC213D1;HA2313	8 1/16	6 1/16	4 7/64	5/8	3/4	38/64	1 13/32	1 31/32	5.7087	2 39/64	2.559	2 29/32	5/8	UK213D1;HA2313
	UKFC213D1;HE2313X	8 1/16	6 1/16	4 7/64	5/8	3/4	38/64	1 13/32	1 31/32	5.7087	2 39/64	2.559	2 29/32	5/8	UK213D1;HE2313X
65 2 1/8 2 1/2	UKFC215D1;H2315X	220	184	130.1	18	19	16	40	56	160	71	73	84	M16	UK215D1;H2315X
	UKFC215D1;HA2315	8 21/32	7 1/4	5 1/8	45/64	3/4	5/8	1 9/16	2 3/16	6.2892	2 51/64	2.874	3 5/16	5/8	UK215D1;HA2315
	UKFC215D1;HE2315X	8 21/32	7 1/4	5 1/8	45/64	3/4	5/8	1 9/16	2 3/16	6.2892	2 51/64	2.874	3 5/16	5/8	UK215D1;HE2315X
70 2 11/16 2 3/4	UKFC216D1;H2316X	240	200	141.4	18	23	16	42	58	170	73.5	78	90	M20	UK216D1;H2316X
	UKFC216D1;HA2316	9 1/16	7 1/8	5 9/16	45/64	29/32	5/8	1 21/32	2 9/32	6.6929	2 67/64	3.071	3 17/32	3/4	UK216D1;HA2316
	UKFC216D1;HE2316X	9 1/16	7 1/8	5 9/16	45/64	29/32	5/8	1 21/32	2 9/32	6.6929	2 67/64	3.071	3 17/32	3/4	UK216D1;HE2316X
75 2 15/16 3	UKFC217D1;H2317X	250	208	147.1	18	23	18	45	63	180	77	82	95	M20	UK217D1;H2317X
	UKFC217D1;HA2317X	9 27/32	8 3/16	5 51/64	45/64	29/32	45/64	1 25/32	2 31/64	7.0866	3 1/32	3.228	3 3/4	3/4	UK217D1;HA2317X
	UKFC217D1;HE2317X	9 27/32	8 3/16	5 51/64	45/64	29/32	45/64	1 25/32	2 31/64	7.0866	3 1/32	3.228	3 3/4	3/4	UK217D1;HE2317X
80 3 3/16	UKFC218D1;H2318X	265	220	155.6	22	23	18	50	68	190	81.5	86	102	M20	UK218D1;H2318X
	UKFC218D1;HA2318X	10 7/16	8 7/32	6 1/8	55/64	29/32	45/64	1 31/32	2 9/64	7.4803	3 39/64	3.386	4 1/32	3/4	UK218D1;HA2318X

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

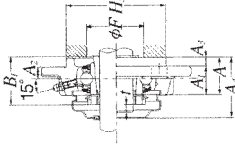
(2) Adapter number with suffix "x" means a narrow slot type adapter sleeve. In this case the lock washer with the straight inner prong should be used.

(3) If the inch series housing units with dust cover are ordered with a closed end, the suffixes E, S or A are not included. Example: ZM-UKFC205D1;HE2305

Remarks Please refer to page A21 for size of grease fitting.



Cast dust cover type
Open end C-UKFC...D1
Closed end CM-UKFC...D1

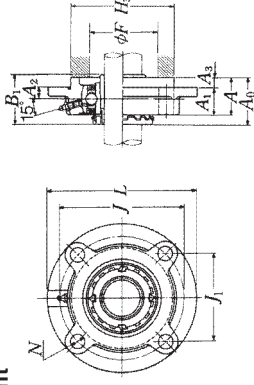


Pressed steel dust cover type
Open end Z-UKFC...D1
Closed end ZM-UKFC...D1

Housing number	Unit number (2) pressed steel dust cover type	Unit number (2) cast dust cover type	Nominal dimensions			Mass of unit			
			t max.	mm	inch	kg	lb		
FC213D1	Z(ZM)-UKFC213D1;H2313X	C(CM)-UKFC213D1;H2313X	4	76	38	88.5	6.0	6.1	7.1
FC213D1	Z(ZM)-UKFC213AD1;HA2313	C(CM)-UKFC213AD1;HA2313	5/32	3	3 3/32	3 7/32	13	13	16
FC213D1	Z(ZM)-UKFC213ED1;HE2313X	C(CM)-UKFC213ED1;HE2313X	4	—	43	102	7.7	—	9.3
FC215D1	Z(ZM)-UKFC215D1;H2315X	C(CM)-UKFC215D1;H2315X	5/32	—	1 11/16	4 1/64	17	—	21
FC215D1	Z(ZM)-UKFC215AD1;HA2315	C(CM)-UKFC215AD1;HA2315	4	—	43	106	9.5	—	11
FC216D1	Z(ZM)-UKFC216D1;H2316X	C(CM)-UKFC216D1;H2316X	5/32	—	1 11/16	4 11/64	21	—	24
FC216D1	Z(ZM)-UKFC216AD1;HA2316	C(CM)-UKFC216AD1;HA2316	5	—	45.5	114	11	—	13
FC217D1	Z(ZM)-UKFC217D1;H2317X	C(CM)-UKFC217D1;H2317X	1 3/8	—	1 51/64	4 39/64	24	—	29
FC217D1	Z(ZM)-UKFC217ED1;HE2317X	C(CM)-UKFC217ED1;HE2317X	5	—	50	122	13	—	15
FC218D1	Z(ZM)-UKFC218D1;H2318X	C(CM)-UKFC218D1;H2318X	1 3/8	—	1 31/32	4 51/64	29	—	33

UKFCX

Round flanged unit, cast housing with spigot joint Adapter type



Shaft dia. mm inch	Unit number ⁽¹⁾ / ₍₂₎	Nominal dimensions											
		L	J	(J ₁)	A ₂	N	A ₃	A ₁	A	H ₃	A ₀	B ₁	F
20 3/4	UKFCX05D1;H2305X	111	92	65.1	10	9.5	6	24	30	76	37	35	30
	UKFCX05D1;HE2305	4 3/8	3 5/8	2 9/16	25/64	3/8	1/4	15/16	1 3/16	2.9921	1 29/64	1.378	1 3/16
25 7/8	UKFCX06D1;H2306X	127	105	74.2	8	12	9.5	22.5	32	85	40	38	36
	UKFCX06D1;HS2306	5	4 9/64	2 59/64	5/16	3/8	7/8	1 17/64	3.3465	1 37/64	1.496	1 13/32	
30 1 1/8	UKFCX07D1;H2307X	133	111	78.5	9	12	11	26	37	92	44.5	43	40
	UKFCX07D1;HS2307	5 1/4	4 3/8	3 3/32	23/64	15/32	7/16	1 1/32	1 29/64	3.6220	1 3/4	1.693	1 1/8
35 1 1/4	UKFCX08D1;H2308X	133	111	78.5	9	12	11	26	37	92	45.5	46	46
	UKFCX08D1;HE2308X	5 1/4	4 3/8	3 3/32	23/64	15/32	7/16	1 1/32	1 29/64	3.6220	1 5/64	1.811	1 13/16
40 1 1/2	UKFCX09D1;H2309X	155	130	91.9	8	14	12	25	37	108	47	50	52
	UKFCX09D1;HA2309	6 3/32	5 1/8	3 5/8	5/16	35/64	5/8	15/32	3/8	1 29/64	4.2520	1 27/32	1.969
45 1 3/4	UKFCX10D1;H2310X	162	136	96.2	7	14	16	25	41	118	52.5	55	57
	UKFCX10D1;HS2310	6 3/8	5 23/64	3 25/32	9/32	35/64	5/8	3/8	1 39/64	4.6457	2 1/16	2.165	2 1/4
50 1 3/2	UKFCX11D1;H2311X	180	152	107.5	4	16	22	26	48	127	57	59	64
	UKFCX11D1;HS2311	7 3/32	5 69/64	4 15/64	5/32	5/8	58/64	1 1/32	1 57/64	5.0000	2 1/4	2.323	2 17/32
55 2 1/8	UKFCX12D1;H2312X	194	165	116.7	11	16	20	33	53	140	64	62	69
	UKFCX12D1;HS2312	7 7/8	6 1/2	4 9/32	7/16	5/8	23/32	1 1/16	2 29/64	5.5118	2 29/64	2.441	2 29/32

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.

In this case the lock washer with the straight inner prong should be used.

(3) For HE2311X, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve.

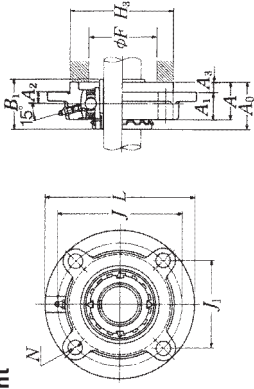
To distinguish it, a suffix "Y" is added.

Remarks Please refer to page A21 for size of grease fitting.

Bolt size mm inch	Bearing number	Housing number	Mass of unit kg lb
M10 5/8	UKX06D1;H2306X UKX06D1;HS2306 UKX06D1;HE2306X	FCX06D1 FCX06D1 FCX06D1	1.5 3.3
M10 3/8	UKX07D1;H2307X UKX07D1;HS2307	FCX07D1 FCX07D1	1.9 4.2
M10 3/8	UKX08D1;H2308X UKX08D1;HE2308X UKX08D1;HS2308X	FCX08D1 FCX08D1 FCX08D1	2.2 4.9
M12 7/16	UKX09D1;H2309X UKX09D1;HA2309 UKX09D1;HE2309X UKX09D1;HS2309X	FCX09D1 FCX09D1 FCX09D1 FCX09D1	2.7 6.0
M12 7/16	UKX10D1;H2310X UKX10D1;HS2310 UKX10D1;HA2310 UKX10D1;HE2310X	FCX10D1 FCX10D1 FCX10D1 FCX10D1	3.1 6.8
M14 1/2	UKX11D1;H2311X UKX11D1;HS2311 UKX11D1;HA2311 UKX11D1;HE2311X	FCX11D1 FCX11D1 FCX11D1 FCX11D1	4.2 9.3
M14 1/2	UKX12D1;H2312X UKX12D1;HS2312	FCX12D1 FCX12D1	5.5 12

UKFCX

Round flanged unit, cast housing with spigot joint Adapter type



Shaft dia. mm inch	Unit number (1)(2)	Nominal dimensions													min.
		L	J	(J ₁)	A ₂	N	A ₃	A ₁	A	H ₃	A ₀	B ₁	F		
60 2 ³ / ₁₆ 2 ¹ / ₄ 2 ³ / ₈	UKFCX13D1;H2313X UKFCX13D1;HA2313 UKFCX13D1;HE2313X UKFCX13D1;HS2313X	194	165	116.7	11	16	20	33	53	140	66	65	74		
65 2 ¹ / ₁₆ 2 ¹ / ₂	UKFCX15D1;H2315X UKFCX15D1;HA2315 UKFCX15D1;HE2315X	222	190	134.4	12	19	22	35	57	164	71.5	73	84		
70 2 ¹ / ₁₆ 2 ³ / ₄	UKFCX16D1;H2316X UKFCX16D1;HA2316 UKFCX16D1;HE2316X	260	219	154.9	10	23	25	36	61	186	75	78	90		
75 2 ⁵ / ₁₆ 3	UKFCX17D1;H2317X UKFCX17D1;HA2317X UKFCX17D1;HE2317X	260	219	154.9	10	23	25	36	61	186	76.5	82	95		
80 3 ³ / ₁₆	UKFCX18D1;H2318X UKFCX18D1;HA2318X	260	219	154.9	12	23	28	43	71	186	82.5	86	102		
90	UKFCX20D1;H2320X	276	238	168.3	22	23	28	66	94	206	98.5	97	112		

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "DI".

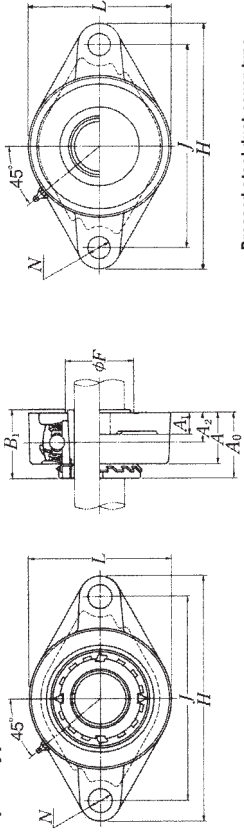
(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.

In this case the lock washer with the straight inner prong should be used.

Remarks Please refer to page A21 for size of grease fitting.

Bolt size mm inch	Bearing number	Housing number	Mass of unit kg lb
M16	UKX15D1;H2315X UKX15D1;HA2315 UKX15D1;HE2315X	FCX15D1 FCX15D1 FCX15D1	8.2 18
M20	UKX16D1;H2316X UKX16D1;HA2316 UKX16D1;HE2316X	FCX16D1 FCX16D1 FCX16D1	12 26
M20	UKX17D1;H2317X UKX17D1;HA2317X UKX17D1;HE2317X	FCX17D1 FCX17D1 FCX17D1	12 26
M20	UKX18D1;H2318X UKX18D1;HA2318X	FCX18D1 FCX18D1	12 26
M20	UKX20D1;H2320X	FCX20D1	18

Rhombus flanged unit, cast housing
Adapter type



Pressed steel dust cover type
Open end Z-UKFL...D1
Closed end ZM-UKFL...D1

Shaft dia. mm inch	Unit number (1)(2)(3)	Nominal dimensions							Bearing number				
		H	J	A ₂	A ₁	A	N	L		A ₀	B ₁	F	
20	UKFL205D1;H2305X	130	99	16	13	27	16	68	35.5	35	30	M14	UK205D1;H2305X
	UKFL205D1;HE2305	5 1/8	3 7/64	5/8	1/2	1 1/16	5/8	2 1/16	1 3/64	1.378	1 3/16	1/2	UK205D1;HE2305
25	UKFL206D1;H2306X	148	117	18	13	31	16	80	39	38	36	M14	UK206D1;H2306X
	UKFL206D1;HS2306	5 13/16	4 39/64	45/64	1/2	1 1/32	5/8	3 5/8	1 17/64	1.496	1 13/32	1/2	UK206D1;HS2306
30	UKFL207D1;H2307X	161	130	19	15	34	16	90	42.5	43	40	M14	UK207D1;H2307X
	UKFL207D1;HS2307	6 11/32	5 1/8	3/4	1 9/32	1 1/32	5/8	3 7/32	1 9/64	1.693	1 9/16	1/2	UK207D1;HS2307
35	UKFL208D1;H2308X	175	144	21	15	36	16	100	46.5	46	46	M14	UK208D1;H2308X
	UKFL208D1;HE2308	6 7/8	5 49/64	59/64	1 19/32	1 1/32	5/8	3 5/8	1 59/64	1.811	1 19/16	1/2	UK208D1;HE2308
40	UKFL209D1;H2309X	188	148	22	16	38	19	108	48.5	50	52	M16	UK209D1;H2309X
	UKFL209D1;HA2309	7 13/32	5 59/64	55/64	1 1/2	1 3/4	1 3/4	4 1/4	1 29/32	1.969	2 1/16	5/8	UK209D1;HA2309
45	UKFL210D1;H2310X	197	157	22	16	40	19	115	50	55	57	M16	UK210D1;H2310X
	UKFL210D1;HS2310	7 7/8	5 55/64	5/8	1 9/16	1 3/4	1 3/4	4 7/8	1 31/32	2.165	2 1/4	5/8	UK210D1;HS2310
50	UKFL211D1;H2311X	224	184	25	18	43	19	130	54.5	59	64	M16	UK211D1;H2311X
	UKFL211D1;HS2311	8 13/16	7 1/4	69/64	1 11/16	1 3/4	1 3/4	5 1/8	2 9/64	2.323	2 17/32	5/8	UK211D1;HS2311
55	UKFL212D1;H2312X	250	202	29	18	48	23	140	61	62	69	M20	UK212D1;H2312X
	UKFL212D1;HS2312	9 7/8	7 7/64	1 1/4	1 3/8	1 1/2	2 1/8	5 1/2	2 29/64	2.441	2 29/32	3/4	UK212D1;HS2312

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.

(3) In this case the lock washer with the straight inner prong should be used.

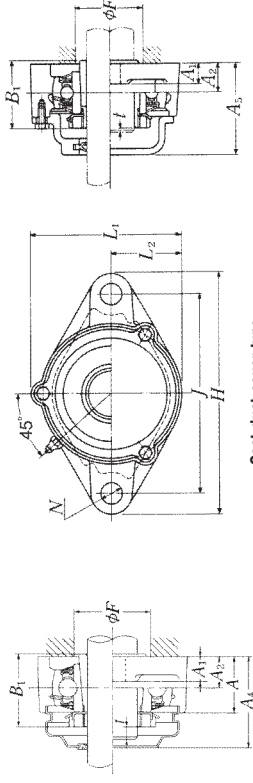
(4) For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve.

To distinguish it, a suffix "Y" is added.

(5) If the inch series housing units with dust cover are ordered with a closed end, the suffixes E, S or A are not included.

Example: ZM-UKFL205D1;HE2305

Remarks Please refer to page A21 for size of grease fitting.

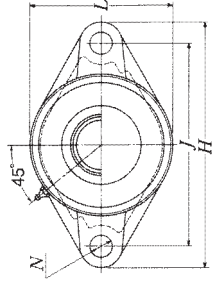
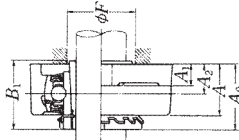
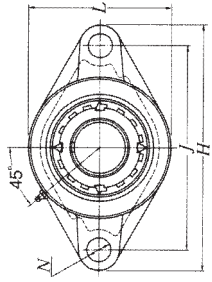


Cast dust cover type
Open end C-UKFL...D1
Closed end CM-UKFL...D1

Housing number	Unit number (4) pressed steel dust cover type	Unit number (4) cast dust cover type	Nominal dimensions					Mass of unit kg lb	
			t max.	A ₄	A ₅	L ₁	L ₂		
FL205D1	ZIZM-UKFL205D1;H2305X	CICM-UKFL205D1;H2305X	2	40	51	74	34	0.6	0.7
	ZIZM-UKFL205D1;HE2305	CICM-UKFL205D1;HE2305	5/64	1 19/32	2	2 29/32	1 11/32	1.3	1.5
FL206D1	ZIZM-UKFL206D1;H2306X	CICM-UKFL206D1;H2306X	2	45	56	85	40	0.9	1.0
	ZIZM-UKFL206D1;HS2306	CICM-UKFL206D1;HS2306	5/64	1 3/4	2 1/32	3 1/8	1 9/16	2.0	2.2
FL207D1	ZIZM-UKFL207D1;H2307X	CICM-UKFL207D1;H2307X	3	49	59	97	45	1.3	1.3
	ZIZM-UKFL207D1;HS2307	CICM-UKFL207D1;HS2307	1/8	1 15/16	2 1/16	3 3/16	1 29/32	2.9	2.9
FL208D1	ZIZM-UKFL208D1;H2308X	CICM-UKFL208D1;H2308X	3	56	66	106	50	1.6	1.7
	ZIZM-UKFL208D1;HE2308	CICM-UKFL208D1;HE2308	1/8	2 1/8	2 9/16	4 3/16	1 31/32	3.5	3.7
FL209D1	ZIZM-UKFL209D1;H2309X	CICM-UKFL209D1;H2309X	3	57	70	113	54	2.0	2.1
	ZIZM-UKFL209D1;HA2309	CICM-UKFL209D1;HA2309	1/8	2 1/4	2 3/4	4 1/16	2 1/8	4.4	4.6
FL210D1	ZIZM-UKFL210D1;H2310X	CICM-UKFL210D1;H2310X	3	60	72	120	58	2.2	2.4
	ZIZM-UKFL210D1;HS2310	CICM-UKFL210D1;HS2310	1/8	2 3/8	2 27/32	4 29/32	2 9/32	4.9	5.3
FL211D1	ZIZM-UKFL211D1;H2311X	CICM-UKFL211D1;H2311X	4	64	75	133	65	3.1	3.4
	ZIZM-UKFL211D1;HS2311	CICM-UKFL211D1;HS2311	5/32	2 1/2	2 1/16	5 1/4	2 9/16	6.8	7.5
FL212D1	ZIZM-UKFL212D1;H2312X	CICM-UKFL212D1;H2312X	4	74	86	144	70	3.9	4.2
	ZIZM-UKFL212D1;HS2312	CICM-UKFL212D1;HS2312	5/32	2 29/32	3 3/8	5 29/32	2 1/4	8.6	9.3

UKFL2

Rhombus flanged unit, cast housing Adapter type



Pressed steel dust cover type
Open end Z-UKFL...D1
Closed end ZM-UKFL...D1

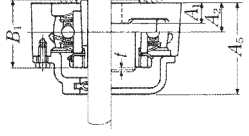
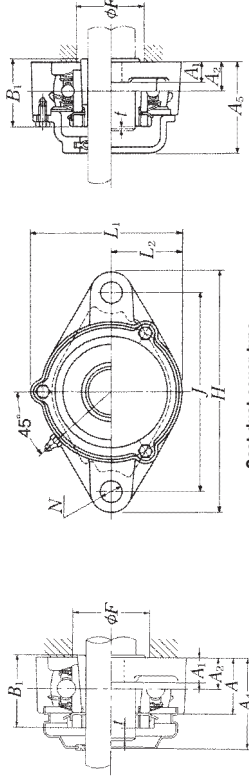
Shaft dia. mm inch	Unit number (1)	Nominal dimensions							Bolt size	Bearing number			
		H	J	A ₂	A ₁	A	N	L			A ₀	B ₁	F
60 2 3/16 2 1/4 2 3/8	UKFL213D1;H2313X	258	210	30	22	50	23	155	64	65	74	M20	UK218D1;H2313X
	UKFL213D1;HA2313	10 5/32	8 17/64	1 3/16	7/8	1 31/32	29/32	6 3/32	2 39/64	2 559	2 29/32	3/4	UK218D1;HA2313
	UKFL213D1;HE2313X	10 5/32	8 17/64	1 3/16	7/8	1 31/32	29/32	6 3/32	2 39/64	2 559	2 29/32	3/4	UK218D1;HE2313X
65 2 1/16 2 1/2	UKFL215D1;H2315X	275	225	34	22	56	23	165	71	73	84	M20	UK215D1;H2315X
	UKFL215D1;HA2315	10 13/16	8 55/64	1 11/32	7/8	2 7/32	29/32	6 1/2	2 51/64	2 874	3 5/16	3/4	UK215D1;HA2315
	UKFL215D1;HE2315X	10 13/16	8 55/64	1 11/32	7/8	2 7/32	29/32	6 1/2	2 51/64	2 874	3 5/16	3/4	UK215D1;HE2315X
70 2 1/16 2 3/4	UKFL216D1;H2316X	290	233	34	22	58	25	180	73.5	78	90	M22	UK216D1;H2316X
	UKFL216D1;HA2316	11 13/32	9 11/64	1 11/32	7/8	2 9/32	63/64	7 3/8	2 57/64	3 071	3 17/32	7/8	UK216D1;HA2316
	UKFL216D1;HE2316X	11 13/32	9 11/64	1 11/32	7/8	2 9/32	63/64	7 3/8	2 57/64	3 071	3 17/32	7/8	UK216D1;HE2316X
75 2 15/16 3	UKFL217D1;H2317X	305	248	36	24	63	25	190	77	82	95	M22	UK217D1;H2317X
	UKFL217D1;HA2317X	12 9/64	1 27/64	1 5/16	2 15/32	7 5/8	63/64	7 5/8	3 1/32	3 228	3 3/4	7/8	UK217D1;HA2317X
	UKFL217D1;HE2317X	12 9/64	1 27/64	1 5/16	2 15/32	7 5/8	63/64	7 5/8	3 1/32	3 228	3 3/4	7/8	UK217D1;HE2317X
80 3 3/16	UKFL218D1;H2318X	320	265	40	24	68	25	205	81.5	86	102	M22	UK218D1;H2318X
	UKFL218D1;HA2318X	12 19/32	10 7/16	1 37/64	15/16	2 11/16	63/64	8 1/16	3 39/64	3 386	4 1/32	7/8	UK218D1;HA2318X

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve. In this case the lock washer with the straight inner prong should be used.

(3) If the inch series housing units with dust cover are ordered with a closed end, the suffixes E, S or A are not included. Example: ZM-UKFL205D1;HE2305

Remarks Please refer to page A21 for size of grease fitting.

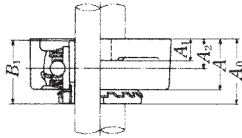
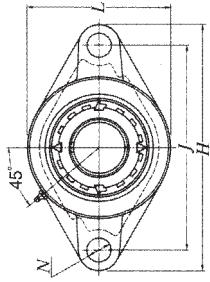


Cast dust cover type
Open end C-UKFL...D1
Closed end CM-UKFL...D1

Housing number	Unit number (1) pressed steel dust cover type	Unit number (1) cast dust cover type	Nominal dimensions				Mass of unit kg lb			
			t max.	A ₄	A ₅	L ₁		L ₂		
FL213D1 FL213D1 FL213D1 FL213D1	Z(ZM)-UKFL213D1;H2313X	C(CM)-UKFL213D1;H2313X	4	76	90	157	78	5.0	5.4	6.0
	Z(ZM)-UKFL213AD1;HA2313	C(CM)-UKFL213AD1;HA2313	5/32	3	3 7/32	6 3/16	3 1/16	11	12	13
	Z(ZM)-UKFL213ED1;HE2313X	C(CM)-UKFL213ED1;HE2313X	4	—	102	169	82	6.2	—	7.6
	Z(ZM)-UKFL213SD1;HS2313X	C(CM)-UKFL213SD1;HS2313X	5/32	—	4 1/32	6 5/32	3 7/32	14	—	17
FL215D1 FL215D1 FL215D1 FL215D1	Z(ZM)-UKFL215D1;H2315X	C(CM)-UKFL215D1;H2315X	4	—	106	183	90	7.9	—	9.3
	Z(ZM)-UKFL215AD1;HA2315	C(CM)-UKFL215AD1;HA2315	5/32	—	4 1/32	6 5/32	3 7/32	17	—	21
	Z(ZM)-UKFL215ED1;HE2315X	C(CM)-UKFL215ED1;HE2315X	4	—	106	183	90	7.9	—	9.3
	Z(ZM)-UKFL215SD1;HS2315X	C(CM)-UKFL215SD1;HS2315X	5/32	—	4 1/32	6 5/32	3 7/32	17	—	21
FL216D1 FL216D1 FL216D1 FL216D1	Z(ZM)-UKFL216D1;H2316X	C(CM)-UKFL216D1;H2316X	5	—	114	192	95	9.2	—	11
	Z(ZM)-UKFL216AD1;HA2316	C(CM)-UKFL216AD1;HA2316	13/64	—	4 1/2	7 9/16	3 3/4	20	—	24
	Z(ZM)-UKFL216ED1;HE2316X	C(CM)-UKFL216ED1;HE2316X	5	—	114	192	95	9.2	—	11
	Z(ZM)-UKFL216SD1;HS2316X	C(CM)-UKFL216SD1;HS2316X	13/64	—	4 1/2	7 9/16	3 3/4	20	—	24
FL217D1 FL217D1 FL217D1 FL217D1	Z(ZM)-UKFL217D1;H2317X	C(CM)-UKFL217D1;H2317X	5	—	122	205	102	11	—	13
	Z(ZM)-UKFL217AD1;HA2317X	C(CM)-UKFL217AD1;HA2317X	13/64	—	4 3/4	8 1/16	4 1/8	24	—	29
	Z(ZM)-UKFL217ED1;HE2317X	C(CM)-UKFL217ED1;HE2317X	5	—	122	205	102	11	—	13
	Z(ZM)-UKFL217SD1;HS2317X	C(CM)-UKFL217SD1;HS2317X	13/64	—	4 3/4	8 1/16	4 1/8	24	—	29

UKFL3

Rhombus flanged unit, cast housing Adapter type



Shaft dia. mm inch	Unit number (1)(2)	Nominal dimensions mm inch								Bolt size mm inch	
		H	J	A ₂	A ₁	A	N	L	A ₀		B ₁
20 3/4	UKFL305D1;H2305X	150	113	16	13	29	19	80	37	35	M16
	UKFL305D1;HE2305	5 ⁵⁹ / ₃₂	4 ²⁹ / ₆₄	5/8	1/2	1 ⁵ / ₈	3/4	3 ⁵ / ₈	1 ²⁹ / ₆₄	1.378	5/8
25 7/8	UKFL306D1;H2306X	180	134	18	15	32	23	90	40.5	38	M20
	UKFL306D1;HS2306	7 ³ / ₃₂	5 ⁹ / ₃₂	45/64	19/32	1 ¹ / ₄	29/32	3 ⁷ / ₃₂	1 ¹⁹ / ₃₂	1.496	3/4
30 1 1/8	UKFL307D1;H2307X	185	141	20	16	36	23	100	45.5	43	M20
	UKFL307D1;HS2307	7 ³ / ₃₂	5 ³⁹ / ₆₄	25/32	5/8	1 ¹³ / ₃₂	29/32	3 ⁵ / ₁₆	1 ⁵ / ₁₆	1.693	3/4
35 1 1/4	UKFL308D1;H2308X	200	158	23	17	40	23	112	50	46	M20
	UKFL308D1;HE2308X	7 ⁷ / ₈	6 ⁷ / ₃₂	29/32	21/32	1 ⁹ / ₁₆	29/32	4 ³ / ₃₂	1 ⁹ / ₃₂	1.811	3/4
40 1 1/2	UKFL309D1;H2309X	230	177	25	18	44	25	125	54.5	50	M22
	UKFL309D1;HA2309	9 ¹ / ₁₆	6 ³ / ₃₂	69/64	29/32	1 ²⁹ / ₃₂	69/64	4 ²⁹ / ₃₂	2 ⁹ / ₆₄	1.969	7/8
45 1 5/8	UKFL310D1;H2310X	240	187	28	19	48	25	140	60.5	55	M22
	UKFL310D1;HA2310	9 ⁹ / ₁₆	7 ²⁹ / ₆₄	1 ¹ / ₆₄	3/4	1 ⁷ / ₈	69/64	5 ¹ / ₂	2 ³ / ₈	2.165	7/8
50 2	UKFL311D1;H2311X	250	198	30	20	52	25	150	64	59	M22
	UKFL311D1;HS2311	9 ⁹ / ₃₂	7 ⁵ / ₆₄	1 ³ / ₁₆	25/32	2 ¹ / ₁₆	69/64	5 ²⁹ / ₃₂	2 ²⁹ / ₆₄	2.323	7/8
55 2 1/8	UKFL312D1;H2312X	270	212	33	22	56	31	160	69.5	62	M27
	UKFL312D1;HS2312	10 ⁵ / ₈	8 ⁷ / ₃₂	1 ⁹ / ₆₄	7/8	2 ¹ / ₃₂	1 ¹³ / ₃₂	6 ⁵ / ₁₆	2 ⁷ / ₆₄	2.441	1

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

(2) Adapter number with suffix "x" means a narrow slot type adapter sleeve.

In this case the lock washer with the straight inner prong should be used.

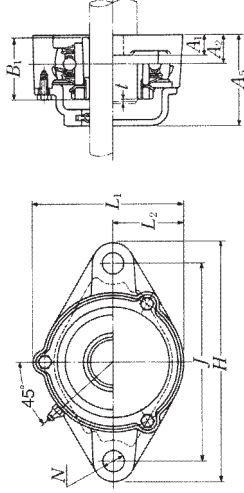
(3) For HE2311X, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve.

To distinguish it, a suffix "y" is added.

(4) If the inch series housing units with dust cover are ordered with a closed end, the suffixes E, S or A are not included.

Example: CM-UKFL305D1;HE2305

Remarks Please refer to page A21 for size of grease fitting.

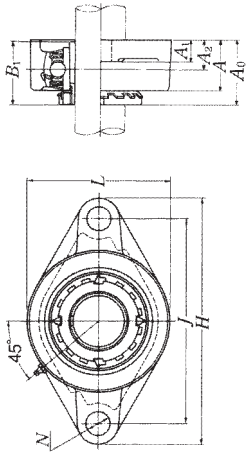


Cast dust cover type
Open end C-UKFL...D1
Closed end CM-UKFL...D1

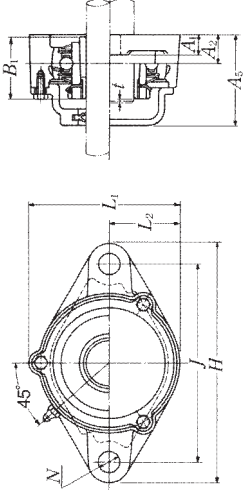
Bearing number	Housing number	Unit number (1) cast dust cover type	Nominal dimensions mm inch			Mass of unit kg lb UKFL C(CM)		
			t max.	A ₅	L ₁ L ₂			
UK305D1;H2305X	FL305D1	C(CM)-UKFL305D1;H2305X	2	56	86	40	1.0	1.3
	UK305D1;HE2305	C(CM)-UKFL305ED1;HE2305	5/64	2 ¹ / ₃₂	3 ³ / ₈	1 ⁹ / ₁₆	2.2	2.9
UK306D1;H2306X	FL306D1	C(CM)-UKFL306D1;H2306X	2	60	101	45	1.5	1.8
	UK306D1;HS2306	C(CM)-UKFL306SD1;HS2306	5/64	2 ³ / ₈	3 ³¹ / ₃₂	1 ²⁵ / ₃₂	3.3	4.0
UK307D1;H2307X	FL307D1	C(CM)-UKFL307D1;H2307X	3	68	110	50	1.8	2.2
	UK307D1;HS2307	C(CM)-UKFL307SD1;HS2307	1/8	2 ¹ / ₁₆	4 ¹ / ₃₂	1 ³¹ / ₃₂	4.0	4.9
UK308D1;H2308X	FL308D1	C(CM)-UKFL308D1;H2308X	3	76	122	56	2.2	3.0
	UK308D1;HE2308X	C(CM)-UKFL308ED1;HE2308X	1/8	3	4 ¹³ / ₁₆	2 ⁷ / ₃₂	4.9	6.6
UK309D1;H2309X	FL309D1	C(CM)-UKFL309D1;H2309X	3	80	135	62	3.0	3.9
	UK309D1;HA2309	C(CM)-UKFL309AD1;HA2309	1/8	3 ⁵ / ₃₂	5 ⁵ / ₁₆	2 ⁷ / ₁₆	6.6	8.6
UK310D1;H2310X	FL310D1	C(CM)-UKFL310D1;H2310X	3	88	152	70	4.1	5.1
	UK310D1;HS2310	C(CM)-UKFL310SD1;HS2310	1/8	3 ¹⁵ / ₃₂	5 ³¹ / ₃₂	2 ³ / ₄	9.0	11
UK311D1;H2311X	FL311D1	C(CM)-UKFL311D1;H2311X	4	92	162	75	4.6	6.0
	UK311D1;HS2311	C(CM)-UKFL311SD1;HS2311	5/32	3 ⁵ / ₈	6 ³ / ₈	2 ¹⁵ / ₁₆	10	13
UK312D1;H2312X	FL312D1	C(CM)-UKFL312D1;H2312X	4	100	175	80	5.7	7.7
	UK312D1;HS2312	C(CM)-UKFL312SD1;HS2312	5/32	3 ⁵ / ₁₆	6 ³ / ₈	3 ³ / ₃₂	13	17

UKFL3

Rhombus flanged unit, cast housing Adapter type



Cast dust cover type
Open end C-UKFL...D1
Closed end CM-UKFL...D1



Shaft dia. mm inch	Unit number (1)(2)	Nominal dimensions mm inch										Bolt size mm inch
		H	J	A ₂	A ₁	A	N	L	A ₀	B ₁		
60 2 ³ / ₁₆ 2 ¹ / ₄ 2 ³ / ₈	UKFL313D1;H2313X UKFL313D1;HA2313 UKFL313D1;HE2313X UKFL313D1;HS2313X	295 11 ⁵ / ₈ 9 ²⁹ / ₆₄	240 9 ²⁹ / ₆₄	33 1 ¹⁹ / ₆₄	25 3 ¹ / ₈	58 2 ⁹ / ₃₂	31 1 ⁷ / ₃₂	175 6 ⁷ / ₈	71.5 2 ¹³ / ₁₆	65 2.559	M27 1	
65 2 ¹ / ₁₆ 2 ¹ / ₂	UKFL315D1;H2315X UKFL315D1;HA2315 UKFL315D1;HE2315X	320 12 ⁹ / ₃₂	260 10 ⁵ / ₆₄	39 1 ⁷ / ₃₂	30 1 ³ / ₁₆	66 2 ¹⁹ / ₃₂	35 1 ³ / ₈	195 7 ¹¹ / ₁₆	81.5 3 ¹³ / ₆₄	73 2.874	M30 1 ¹ / ₈	
70 2 ¹ / ₁₆ 2 ¹ / ₄	UKFL316D1;H2316X UKFL316D1;HA2316 UKFL316D1;HE2316X	355 13 ³ / ₃₂	285 11 ⁷ / ₃₂	38 1 ¹ / ₂	32 1 ¹ / ₄	68 2 ¹¹ / ₁₆	38 1 ¹ / ₂	210 8 ⁹ / ₃₂	84 3 ⁵ / ₁₆	78 3.071	M33 1 ¹ / ₄	
75 2 ⁵ / ₁₆ 3	UKFL317D1;H2317X UKFL317D1;HA2317X UKFL317D1;HE2317X	370 14 ⁹ / ₁₆	300 11 ¹³ / ₁₆	44 1 ⁷ / ₁₆	32 1 ¹ / ₄	74 2 ²⁹ / ₃₂	38 1 ¹ / ₂	220 8 ²⁵ / ₃₂	92 3 ⁵ / ₈	82 3.228	M33 1 ¹ / ₄	
80 3 ¹ / ₁₆	UKFL318D1;H2318X UKFL318D1;HA2318X	385 15 ⁵ / ₃₂	315 12 ³ / ₃₂	44 1 ⁷ / ₁₆	36 1 ³ / ₈	76 2 ¹ / ₁₆	38 1 ¹ / ₂	235 9 ¹ / ₄	94 3 ⁶⁵ / ₆₄	86 3.386	M33 1 ¹ / ₄	
85 3 ¹ / ₄	UKFL319D1;H2319X UKFL319D1;HA2319X UKFL319D1;HE2319X	405 15 ⁹ / ₁₆	330 12 ³⁹ / ₆₄	59 2 ² / ₁₆	40 1 ⁹ / ₁₆	94 3 ¹¹ / ₁₆	41 1 ³⁹ / ₆₄	250 9 ²⁵ / ₃₂	111.5 4 ²⁵ / ₆₄	90 3.543	M36 1 ³ / ₈	
90 3 ¹ / ₂	UKFL320D1;H2320X UKFL320D1;HA2320 UKFL320D1;HE2320X	440 17 ⁵ / ₁₆	360 14 ¹ / ₁₆	59 2 ² / ₁₆	40 1 ⁹ / ₁₆	94 3 ¹¹ / ₁₆	44 1 ⁷ / ₁₆	270 10 ⁵ / ₈	115.5 4 ³⁹ / ₆₄	97 3.819	M39 1 ¹ / ₂	
100	UKFL322D1;H2322X	470	390	60	42	96	44	300	121	105	M39	
110	UKFL324D1;H2324	520	430	65	48	110	47	330	130	112	M42	
115	UKFL326D1;H2326	550	460	65	50	115	47	360	133	121	M42	
125	UKFL328D1;H2328	600	500	75	60	125	51	400	146.5	131	M45	

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

(2) Adapter number with suffix "x" means a narrow slot type adapter sleeve.

In this case the lock washer with the straight inner prong should be used.

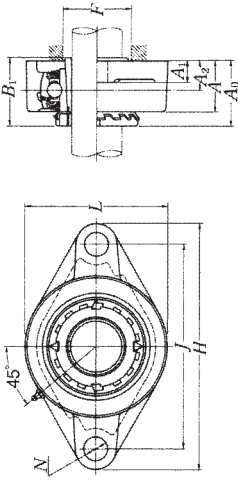
(3) If the inch series housing units with dust cover are ordered with a closed end, the suffixes E, S or A are not included.

Example: CM-UKFL305D1;HE2305

Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Unit number (1) cast dust cover type	Nominal dimensions mm inch				Mass of unit kg lb UKFL C(CM)
			t max.	A ₅	L ₁	L ₂	
UK313D1;H2313X UK313D1;HA2313 UK313D1;HE2313X UK313D1;HS2313X	FL313D1 FL313D1 FL313D1 FL313D1	C(CM)-UKFL313D1;H2313X C(CM)-UKFL313AD1;HA2313 C(CM)-UKFL313ED1;HE2313X C(CM)-UKFL313SD1;HS2313X	4 5 ⁵ / ₃₂	103 4 ¹ / ₁₆	189 7 ⁷ / ₁₆	88 3 ¹⁵ / ₃₂	7.4 16
UK315D1;H2315X UK315D1;HA2315 UK315D1;HE2315X	FL315D1 FL315D1 FL315D1	C(CM)-UKFL315D1;H2315X C(CM)-UKFL315AD1;HA2315 C(CM)-UKFL315ED1;HE2315X	4 5 ⁵ / ₃₂	114 4 ¹ / ₂	210 8 ⁹ / ₃₂	98 3 ²⁷ / ₃₂	9.9 22
UK316D1;H2316X UK316D1;HA2316 UK316D1;HE2316X	FL316D1 FL316D1 FL316D1	C(CM)-UKFL316D1;H2316X C(CM)-UKFL316AD1;HA2316 C(CM)-UKFL316ED1;HE2316X	4 5 ⁵ / ₃₂	116 4 ⁹ / ₁₆	222 8 ³ / ₄	105 4 ¹ / ₈	13 29
UK317D1;H2317X UK317D1;HA2317X UK317D1;HE2317X	FL317D1 FL317D1 FL317D1	C(CM)-UKFL317D1;H2317X C(CM)-UKFL317AD1;HA2317X C(CM)-UKFL317ED1;HE2317X	5 5 ¹⁹ / ₆₄	127 5	234 9 ⁷ / ₃₂	110 4 ¹¹ / ₃₂	15 33
UK318D1;H2318X UK318D1;HA2318X UK318D1;HE2318X	FL318D1 FL318D1 FL318D1	C(CM)-UKFL318D1;H2318X C(CM)-UKFL318AD1;HA2318X C(CM)-UKFL318ED1;HE2318X	5 5 ¹⁹ / ₆₄	129 5 ³ / ₃₂	247 9 ²⁹ / ₃₂	118 4 ²⁷ / ₃₂	18 40
UK319D1;H2319X UK319D1;HA2319X UK319D1;HE2319X	FL319D1 FL319D1 FL319D1	C(CM)-UKFL319D1;H2319X C(CM)-UKFL319ED1;HE2319X C(CM)-UKFL319AD1;HA2319X	5 5 ¹⁹ / ₆₄	149 5 ⁷ / ₁₆	260 10 ¹ / ₄	125 4 ²⁹ / ₃₂	22 49
UK320D1;H2320X UK320D1;HA2320 UK320D1;HE2320X	FL320D1 FL320D1 FL320D1	C(CM)-UKFL320D1;H2320X C(CM)-UKFL320AD1;HA2320 C(CM)-UKFL320ED1;HE2320X	5 5 ¹⁹ / ₆₄	154 6 ¹ / ₁₆	280 11 ¹ / ₃₂	135 5 ⁵ / ₁₆	26 57
UK322D1;H2322X	FL322D1	C(CM)-UKFL322D1;H2322X	5	160	315	150	34
UK324D1;H2324	FL324D1	C(CM)-UKFL324D1;H2324	5	172	342	165	47
UK326D1;H2326	FL326D1	C(CM)-UKFL326D1;H2326	6	178	376	180	58
UK328D1;H2328	FL328D1	C(CM)-UKFL328D1;H2328	6	192	410	200	82

Rhombus flanged unit, cast housing Adapter type



Shaft dia. mm inch	Unit number (1)	Nominal dimensions										F min.
		H	J	A ₂	A ₁	A	N	L	A ₀	B ₁	F	
20 3/4	UKFLX05D1;H2305X	141	117	18	13	30	12	83	39	35	-	-
	UKFLX05D1;HE2305	5 ^{9/16}	4 ^{39/64}	45/64	1/2	1 ^{3/16}	15/32	3 ^{3/32}	1 ^{17/32}	1.378	-	-
25 1	UKFLX06D1;H2306X	156	130	19	15	34	16	95	41.5	38	-	-
	UKFLX06D1;HS2306	6 ^{5/32}	5 ^{1/8}	3/4	19/32	1 ^{11/32}	5/8	3 ^{3/4}	1 ^{41/64}	1.496	-	-
30 1 1/8	UKFLX07D1;H2307X	171	144	21	16	38	16	105	45.5	43	-	-
	UKFLX07D1;HS2307	6 ^{29/32}	5 ^{9/16}	59/64	5/8	1 ^{1/2}	5/8	4 ^{1/8}	1 ^{51/64}	1.693	-	-
35 1 1/4 1 1/2 1 5/8	UKFLX08D1;H2308X	179	148	22	16	40	16	111	47.5	46	46	46
	UKFLX08D1;HE2308X	7 ^{1/16}	5 ^{39/64}	55/64	5/8	1 ^{9/16}	5/8	4 ^{3/8}	1 ^{7/8}	1.811	1 ^{13/16}	1 ^{13/16}
	UKFLX08D1;HS2308X	-	-	-	-	-	-	-	-	-	-	-
40 1 7/8 1 1/2 1 5/8	UKFLX09D1;H2309X	189	157	23	16	40	16	116	50	50	52	52
	UKFLX09D1;HA2309	7 ^{7/16}	6 ^{9/16}	29/32	5/8	1 ^{9/16}	5/8	4 ^{9/16}	1 ^{91/32}	1.969	2 ^{1/16}	2 ^{1/16}
	UKFLX09D1;HS2309X	-	-	-	-	-	-	-	-	-	-	-
45 1 5/8 1 1/2 1 5/8	UKFLX10D1;H2310X	216	184	26	18	44	19	133	55.5	55	57	57
	UKFLX10D1;HS2310	8 ^{1/2}	7 ^{1/4}	1 ^{1/32}	23/32	1 ^{23/32}	3/4	5 ^{1/4}	2 ^{3/16}	2.165	2 ^{1/4}	2 ^{1/4}
	UKFLX10D1;HE2310X	-	-	-	-	-	-	-	-	-	-	-

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

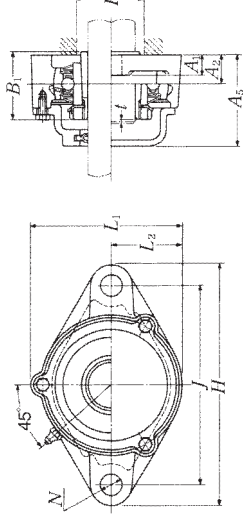
(2) Adapter number with suffix "x" means a narrow slot type adapter sleeve.

In this case the lock washer with the straight inner prong should be used.

(3) If the inch series housing units with dust cover are ordered with a closed end, the suffixes E, S or A are not included.

Example: CM-UKFLX05D1;HE2305

Remarks Please refer to page A21 for size of grease fitting.



Cast dust cover type

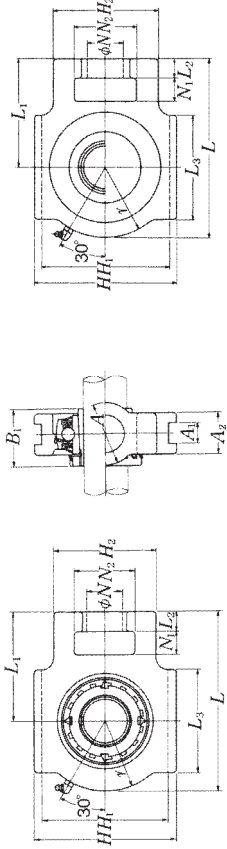
Open end C-UKFL...D1

Closed end CM-UKFL...D1

Bolt size mm inch	Bearing number	Housing number	Unit number (2) cast dust cover type	Nominal dimensions				Mass of unit	
				t max.	A ₃ mm inch	L ₁ inch	L ₂ inch	kg lb	C(CM) C(CM)
M10 3/8	UKX05D1;H2305X	FLX05D1	C(CM)-UKFLX05D1;H2305X	2	56	86	41.5	1.0	1.2
	UKX05D1;HE2305	FLX05D1	C(CM)-UKFLX05ED;HE2305	5/64	2 ^{7/32}	3 ^{3/8}	1 ^{5/8}	2.2	2.7
M14 1/2	UKX06D1;H2306X	FLX06D1	C(CM)-UKFLX06D1;H2306X	2	59	98.5	47.5	1.4	1.6
	UKX06D1;HS2306	FLX06D1	C(CM)-UKFLX06SD;HS2306	5/64	2 ^{5/16}	3 ^{7/8}	1 ^{7/8}	3.1	3.5
M14 1/2	UKX07D1;H2307X	FLX07D1	C(CM)-UKFLX07D1;H2307X	3	66	108.5	52.5	1.8	2.2
	UKX07D1;HS2307	FLX07D1	C(CM)-UKFLX07SD;HS2307	1/8	2 ^{19/32}	4 ^{9/32}	2 ^{1/16}	4.0	4.9
M14 1/2	UKX08D1;H2308X	FLX08D1	C(CM)-UKFLX08D1;H2308X	3	70	114.5	55.5	2.2	2.6
	UKX08D1;HE2308X	FLX08D1	C(CM)-UKFLX08ED;HE2308X	1/8	2 ^{3/4}	4 ^{1/4}	2 ^{3/16}	4.9	5.7
	UKX08D1;HS2308X	FLX08D1	C(CM)-UKFLX08SD;HS2308X	-	-	-	-	-	-
M14 1/2	UKX09D1;H2309X	FLX09D1	C(CM)-UKFLX09D1;H2309X	3	73	119.5	58	2.2	2.7
	UKX09D1;HA2309	FLX09D1	C(CM)-UKFLX09AD;HA2309	-	-	-	-	-	-
	UKX09D1;HE2309X	FLX09D1	C(CM)-UKFLX09ED;HE2309X	1/8	2 ^{7/8}	4 ^{29/32}	2 ^{3/16}	4.9	6.0
M16 5/8	UKX10D1;H2310X	FLX10D1	C(CM)-UKFLX10D1;H2310X	3	76	133.5	66.5	3.1	3.6
	UKX10D1;HS2310	FLX10D1	C(CM)-UKFLX10SD;HS2310	-	-	-	-	-	-
	UKX10D1;HA2310	FLX10D1	C(CM)-UKFLX10AD;HA2310	1/8	3	5 ^{1/4}	2 ^{5/8}	6.8	7.9
	UKX10D1;HE2310X	FLX10D1	C(CM)-UKFLX10ED;HE2310X	-	-	-	-	-	-

UKT2

Take-up unit, cast housing Adapter type



Pressed steel dust cover type
Open end Z-UKT...D1
Closed end ZM-UKT...D1

Shaft dia. mm inch	Unit number (1)(9)(*)	Nominal dimensions mm inch																Bearing number	
		N ₁	L ₂	H ₂	N ₂	L ₃	A ₁	H ₁	H	L	A ₂	A	r	L ₁	B ₁				
20	UKT20501;H2305X	16	12	51	32	19	51	12	76	89	97	24	32	35	62	35	UK205D1;H2305X		
	UKT20501;HE2305	5/8	15/32	2	1 1/4	3/4	2	0.472	2 63/64	3 13/16	1 5/16	1 1/4	1 3/8	2 7/16	1.378	UK205D1;HE2305			
	UKT20601;H2306X	16	12	56	37	22	57	12	89	102	113	28	37	43	70	38	UK206D1;H2306X		
25	UKT20601;HS2306	5/8	15/32	2 7/32	1 15/32	7/8	2 1/4	0.472	3 1/2	4 1/32	4 7/8	1 3/32	1 15/32	1 11/16	2 1/4	1.496	UK206D1;HS2306		
	UKT20601;HE2306X	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	UK206D1;HE2306X		
30	UKT20701;H2307X	16	15	64	37	22	64	12	89	102	129	30	37	51	78	43	UK207D1;H2307X		
	UKT20701;HS2307	5/8	19/32	2 7/32	1 15/32	7/8	2 17/32	0.472	3 1/2	4 1/32	5 3/32	1 3/16	1 15/32	2	3 1/16	1.693	UK207D1;HS2307		
35	UKT20801;H2308X	19	18	83	49	29	83	16	102	114	144	33	49	56	88	46	UK208D1;H2308X		
	UKT20801;HE2308X	3/4	23/32	3 3/8	1 15/16	1 5/8	3 3/8	0.630	4 1/4	4 1/2	5 23/32	1 5/16	2 7/32	3 5/16	1.811	UK208D1;HE2308X			
	UKT20901;H2309X	19	18	83	49	29	83	16	102	117	145	35	49	57	88	50	UK209D1;H2309X		
40	UKT20901;HA2309	1 1/16	UKT209D1;HA2309	1 1/16	UKT209D1;HE2309X	1 1/16	UKT209D1;HS2309X	1 1/16	UKT210D1;H2310X	1 1/16	UKT210D1;HA2310	1 1/16	UKT210D1;HE2310	1 1/16	UKT210D1;HS2310	1 1/16	UKT210D1;HA2311	1 1/16	UKT210D1;HE2311X
	UKT20901;HE2309X	3/4	23/32	3 3/8	1 15/16	1 5/8	3 3/8	0.630	4 1/4	4 19/32	5 23/32	1 3/8	1 15/16	2 1/4	3 5/16	1.969	UK209D1;HE2309X		
	UKT20901;HS2309X	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8
45	UKT21001;H2310X	19	18	83	49	29	86	16	102	117	151	37	49	59	92	55	UK210D1;H2310X		
	UKT21001;HS2310	3/4	23/32	3 3/8	1 15/16	1 5/8	3 3/8	0.630	4 1/4	4 19/32	5 15/16	1 15/16	2 1/2	3 5/16	2.165	UK210D1;HS2310			
	UKT21001;HE2310X	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
50	UKT21101;H2311X	25	21	102	64	35	95	22	130	146	171	38	64	65	106	59	UK211D1;H2311X		
	UKT21101;HS2311	3 1/8	3 1/8	4 1/8	2 7/8	1 3/8	3 3/4	0.866	5 1/8	5 3/4	6 23/32	1 1/2	2 7/32	2 9/16	4 3/8	2.323	UK211D1;HS2311		
	UKT21101;HE2311X	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
55	UKT21201;H2312X	32	21	102	64	35	102	22	130	146	194	42	64	75	119	62	UK212D1;H2312X		
	UKT21201;HS2312	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
	UKT21201;HE2312	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

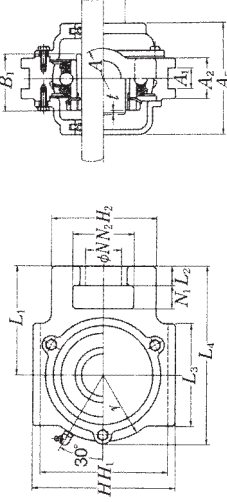
(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.

In this case the lock washer with the straight inner prong should be used.

(3) For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve.

To distinguish it, a suffix "Y" is added.

Remarks Please refer to page A21 for size of grease fitting.

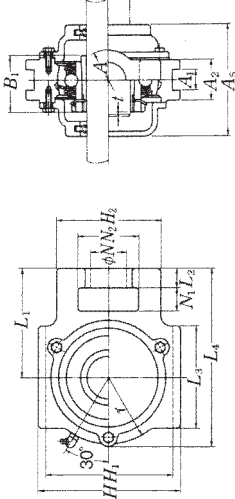
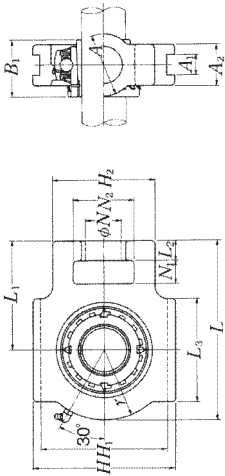


Cast dust cover type
Open end C-UKT...D1
Closed end CM-UKT...D1

Housing number	Unit number pressed steel dust cover type	Unit number cast dust cover type	Nominal dimensions mm inch				Mass of unit kg lb
			t max.	A ₄	L ₄	A ₅	
T205D1	Z(ZM)-UKT205D1;H2305X	C(CM)-UKT205D1;H2305X	2	48	100.5	70	0.9 0.9
	Z(ZM)-UKT205ED1;HE2305	C(CM)-UKT205ED1;HE2305	5/8	1 23/32	3 9/32	2 3/4	2.0 2.0
T206D1	Z(ZM)-UKT206D1;H2306X	C(CM)-UKT206D1;H2306X	2	53	113.5	75	1.3 1.4
	Z(ZM)-UKT206SD1;HS2306	C(CM)-UKT206SD1;HS2306	5/8	2 1/32	4 15/32	2 9/16	2.9 3.1
T207D1	Z(ZM)-UKT207D1;H2307X	C(CM)-UKT207D1;H2307X	3	60	129	80	1.7 1.8
	Z(ZM)-UKT207SD1;HS2307	C(CM)-UKT207SD1;HS2307	1/2	2 11/32	5 3/32	3 5/8	3.7 4.0
T208D1	Z(ZM)-UKT208D1;H2308X	C(CM)-UKT208D1;H2308X	3	69	144	90	2.5 2.6
	Z(ZM)-UKT208ED1;HE2308X	C(CM)-UKT208ED1;HE2308X	1/2	2 23/32	5 5/32	3 7/8	5.5 5.7
T209D1	Z(ZM)-UKT209D1;H2309X	C(CM)-UKT209D1;H2309X	3	69	145.5	95	2.5 2.6
	Z(ZM)-UKT209AD1;HA2309	C(CM)-UKT209AD1;HA2309	1/2	2 23/32	5 23/32	3 3/4	5.5 5.7
T210D1	Z(ZM)-UKT210D1;H2310X	C(CM)-UKT210D1;H2310X	3	76	152	100	2.7 2.8
	Z(ZM)-UKT210SD1;HS2310	C(CM)-UKT210SD1;HS2310	1/2	3	5 5/32	3 5/16	6.0 6.2
T211D1	Z(ZM)-UKT211D1;H2311X	C(CM)-UKT211D1;H2311X	4	77	171.5	100	4.1 4.3
	Z(ZM)-UKT211SD1;HS2311	C(CM)-UKT211SD1;HS2311	5/8	3 1/32	6 3/4	3 5/16	9.0 9.5
T212D1	Z(ZM)-UKT212D1;H2312X	C(CM)-UKT212D1;H2312X	4	89	194	115	4.9 5.2
	Z(ZM)-UKT212SD1;HS2312	C(CM)-UKT212SD1;HS2312	5/8	3 1/2	7 5/8	4 7/32	11 11

UKT3

Take-up unit, cast housing Adapter type



Cast dust cover type
Open end C-UKT...D1
Closed end CM-UKT...D1

Shaft dia. mm inch	Unit number (1)(2)	Nominal dimensions mm inch																
		N ₁	L ₂	H ₂	N ₂	N	N ₃	A ₁	L ₃	A ₁	H ₁	L	H	A ₂	A	r	L ₁	B ₁
20	UKT305D1;H2305X	16	14	62	36	26	65	12	80	89	122	26	36	46	76	35		
	UKT305D1;HE2305	5/8	9/16	2 7/16	1 13/32	1 1/2	2 9/16	0.472	2 5/8	3 1/2	4 13/16	1 1/2	1 13/32	1 13/32	1 19/16	3	1.378	
	UKT306D1;H2306X	18	16	70	41	28	74	16	90	100	137	28	41	52	85	38		
25	UKT306D1;HS2306	29/32	5/8	2 3/4	1 5/8	1 1/2	2 29/32	0.630	3 3/8	3 1/8	5 1/2	1 3/8	1 5/8	2 1/8	3 1/2	1.496		
	UKT306D1;HE2306X	1																
	UKT307D1;H2307X	20	17	75	45	30	80	16	100	111	150	32	45	56	94	43		
35	UKT307D1;HS2307	29/32	2 1/8	2 15/32	1 25/32	1 3/8	3 5/8	0.630	3 15/16	4 3/8	5 3/8	1 4	1 25/32	2 1/8	3 1/16	1.693		
	UKT308D1;H2308X	22	19	83	50	32	89	18	112	124	162	34	50	62	100	46		
	UKT308D1;HE2308X	7/8	3/4	3 3/8	1 31/32	1 1/4	3 1/2	0.709	4 13/16	4 7/8	6 3/8	1 11/16	1 31/32	2 1/8	3 5/8	1.811		
40	UKT308D1;HS2308X	1 1/8																
	UKT309D1;H2309X	24	20	90	55	34	97	18	125	138	178	38	55	68	110	50		
	UKT309D1;HA2309	1 1/8																
45	UKT309D1;HE2309X	1 1/2																
	UKT309D1;HS2309X	27	22	98	61	37	106	20	140	151	192	40	61	74	118	55		
	UKT310D1;H2310X	1 1/8																
50	UKT310D1;HS2310	1 1/8																
	UKT310D1;HA2310	1 1/8																
	UKT310D1;HE2310X	29	23	105	66	39	115	22	150	163	207	44	66	80	127	59		
55	UKT311D1;H2311X	1 1/8																
	UKT311D1;HS2311	1 1/8																
	UKT311D1;HA2311	2																
62	UKT312D1;H2312X	31	25	113	71	41	123	22	160	178	220	46	71	85	135	62		
	UKT312D1;HS2312	1 1/8																
	UKT312D1;HA2312	2 1/8																

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.

In this case the lock washer with the straight inner prong should be used.

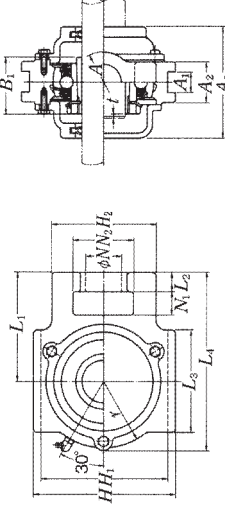
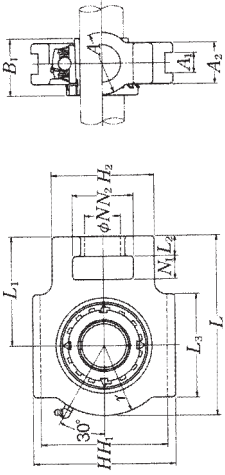
(3) For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve. To distinguish it, a suffix "y" is added.

Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Unit number cast dust cover type	Nominal dimensions mm inch			Mass of unit kg lb UKT C(CM)
			t max.	L ₄	A ₅	
UK305D1;H2305X	T305D1	C(CM)-UKT305D1;H2305X	2	122	80	1.4
UK305D1;HE2305	T305D1	C(CM)-UKT305ED1;HE2305	5/64	4 13/16	3 5/8	3.1
UK306D1;H2306X	T306D1	C(CM)-UKT306D1;H2306X	2	139	85	1.8
UK306D1;HS2306	T306D1	C(CM)-UKT306SD1;HS2306	5/64	5 9/16	3 1/2	4.0
UK306D1;HE2306X	T306D1	C(CM)-UKT306ED1;HE2306X				5.5
UK307D1;H2307X	T307D1	C(CM)-UKT307D1;H2307X	3	152	95	2.4
UK307D1;HS2307	T307D1	C(CM)-UKT307SD1;HS2307	1/8	5 31/32	3 3/4	5.3
UK308D1;H2308X	T308D1	C(CM)-UKT308D1;H2308X	3	164	105	3.0
UK308D1;HE2308X	T308D1	C(CM)-UKT308ED1;HE2308X	1/8	6 15/32	4 1/8	6.6
UK308D1;HS2308X	T308D1	C(CM)-UKT308SD1;HS2308X				9.5
UK309D1;H2309X	T309D1	C(CM)-UKT309D1;H2309X	3	181	110	4.0
UK309D1;HA2309	T309D1	C(CM)-UKT309AD1;HA2309				5.6
UK309D1;HE2309X	T309D1	C(CM)-UKT309ED1;HE2309X	1/8	7 1/8	4 1/2	8.8
UK309D1;HS2309X	T309D1	C(CM)-UKT309SD1;HS2309X				12
UK310D1;H2310X	T310D1	C(CM)-UKT310D1;H2310X	3	197	120	5.1
UK310D1;HS2310	T310D1	C(CM)-UKT310SD1;HS2310				7.1
UK310D1;HA2310	T310D1	C(CM)-UKT310AD1;HA2310	1/8	7 3/4	4 29/32	11
UK310D1;HE2310X	T310D1	C(CM)-UKT310ED1;HE2310X				16
UK311D1;H2311X	T311D1	C(CM)-UKT311D1;H2311X	4	211	125	6.3
UK311D1;HS2311	T311D1	C(CM)-UKT311SD1;HS2311				8.6
UK311D1;HA2311	T311D1	C(CM)-UKT311AD1;HA2311	5/32	8 5/16	4 29/32	14
UK311D1;HE2311XY	T311D1	C(CM)-UKT311ED1;HE2311XY				19
UK312D1;H2312X	T312D1	C(CM)-UKT312D1;H2312X	4	227	135	7.6
UK312D1;HS2312	T312D1	C(CM)-UKT312SD1;HS2312	5/32	8 15/16	5 5/16	17
UK312D1;HA2312	T312D1	C(CM)-UKT312AD1;HA2312				22

UKT3

Take-up unit, cast housing Adapter type



Cast dust cover type
Open end C-UKT...D1
Closed end CM-UKT...D1

Shaft dia. mm inch	Unit number (1)(2)	Nominal dimensions mm inch															Mass of unit kg lb UKT C(CM)
		N ₁	L ₂	H ₂	N ₂	N	L ₃	A ₁	H ₁	H	L	A ₂	A	r	L ₁	B ₁	
60	UKT313D1;HE2313X UKT313D1;HA2313 UKT313D1;HE2313X UKT313D1;HS2313X	32	27	116	70	43	134	26	170	190	238	50	80	92	146	65	
2 3/16 2 1/4 2 1/8		1 1/4	1 1/16	4 9/16	2 3/4	1 11/16	5 3/32	1.024	6 11/16	7 5/8	9 3/8	1 31/32	3 5/8	3 5/8	5 3/4	2.559	
65	UKT315D1;H2315X UKT315D1;HA2315 UKT315D1;HE2315X	36	27	132	85	46	150	26	192	216	262	55	90	102	160	73	
2 1/16 2 1/2		1 3/8	1 1/16	5 3/16	3 11/16	3 1/8	5 29/32	1.024	7 9/16	8 1/2	10 5/16	2 5/8	3 17/32	4 1/8	6 1/8	2.874	
70	UKT316D1;H2316X UKT316D1;HA2316 UKT316D1;HE2316X	42	30	150	98	53	160	30	204	230	282	60	102	108	174	78	
2 1/16 2 3/4		1 3/2	1 3/16	5 29/32	3 7/8	2 3/8	6 5/16	1.181	8 1/2	9 1/16	11 3/8	2 7/8	4 1/8	4 1/4	6 27/32	3.071	
75	UKT317D1;H2317X UKT317D1;HA2317X UKT317D1;HE2317X	42	32	152	98	53	170	32	214	240	298	64	102	115	183	82	
2 5/16 3		1 3/8	1 1/4	5 31/32	3 7/8	2 3/8	6 1/16	1.260	8 27/64	9 1/16	11 23/32	2 17/32	4 1/8	4 17/32	7 1/32	3.228	
80	UKT318D1;H2318X UKT318D1;HA2318X	46	32	160	106	57	175	32	228	255	312	66	110	120	192	86	
3 1/16		1 3/8	1 1/4	6 5/16	4 1/8	2 1/4	6 7/8	1.260	8 31/32	10 1/8	12 3/8	2 9/8	4 11/8	4 29/32	7 1/16	3.386	
85	UKT319D1;H2319X UKT319D1;HA2319X UKT319D1;HE2319X	46	33	165	106	57	180	35	240	270	322	72	110	125	197	90	
3 1/4		1 3/8	1 5/16	6 1/2	4 3/8	2 1/2	7 3/8	1.378	9 29/64	10 5/8	12 11/16	2 27/32	4 11/32	4 29/32	7 3/8	3.543	
90	UKT320D1;H2320X UKT320D1;HA2320 UKT320D1;HE2320X	48	34	175	115	59	200	35	260	290	345	75	120	135	210	97	
3 1/8 3 1/2		1 7/8	1 11/32	6 7/8	4 17/32	2 5/8	7 1/8	1.378	10 15/64	11 13/32	13 19/32	2 15/8	4 23/8	5 5/16	8 3/32	3.819	
100	UKT322D1;H2322X	52	40	185	125	65	215	38	285	320	385	80	130	150	235	105	
110	UKT324D1;H2324	60	44	210	140	70	230	45	320	355	432	90	140	165	267	112	
115	UKT326D1;H2326	65	47	220	150	75	240	50	350	385	465	100	150	180	285	121	
125	UKT328D1;H2328	70	52	230	160	80	255	50	380	415	515	100	155	200	315	131	

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.

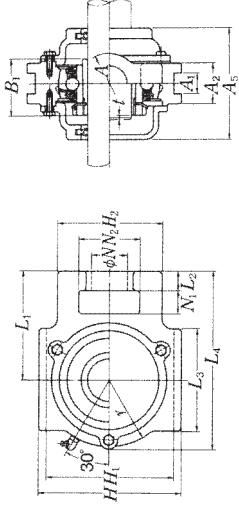
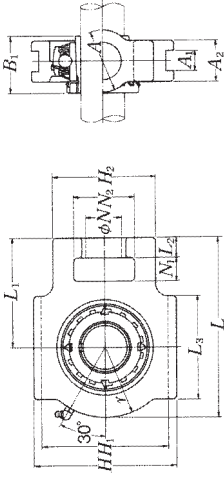
In this case the lock washer with the straight inner prong should be used.

Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Unit number cast dust cover type	Nominal dimensions mm inch				Mass of unit kg lb UKT C(CM)
			t max.	L ₄	A ₅	A ₅	
UK313D1;H2313X UK313D1;HA2313 UK313D1;HE2313X UK313D1;HS2313X	T313D1 T313D1 T313D1 T313D1	C(CM)-UKT313D1;H2313X C(CM)-UKT313AD1;HA2313 C(CM)-UKT313ED1;HE2313X C(CM)-UKT313SD1;HS2313X	4	244	140	9.2	12
UK315D1;H2315X UK315D1;HA2315 UK315D1;HE2315X	T315D1 T315D1 T315D1	C(CM)-UKT315D1;H2315X C(CM)-UKT315AD1;HA2315 C(CM)-UKT315ED1;HE2315X	4	268	150	13	17
UK316D1;H2316X UK316D1;HA2316 UK316D1;HE2316X	T316D1 T316D1 T316D1	C(CM)-UKT316D1;H2316X C(CM)-UKT316AD1;HA2316 C(CM)-UKT316ED1;HE2316X	4	287	155	16	21
UK317D1;H2317X UK317D1;HA2317X UK317D1;HE2317X	T317D1 T317D1 T317D1	C(CM)-UKT317D1;H2317X C(CM)-UKT317AD1;HA2317X C(CM)-UKT317ED1;HE2317X	5	303	170	19	25
UK318D1;H2318X UK318D1;HA2318X	T318D1 T318D1	C(CM)-UKT318D1;H2318X C(CM)-UKT318AD1;HA2318X	5	317	170	21	28
UK319D1;H2319X UK319D1;HE2319X	T319D1 T319D1	C(CM)-UKT319D1;H2319X C(CM)-UKT319ED1;HE2319X	5	327	180	25	32
UK320D1;H2320X UK320D1;HA2320 UK320D1;HE2320X	T320D1 T320D1 T320D1	C(CM)-UKT320D1;H2320X C(CM)-UKT320AD1;HA2320 C(CM)-UKT320ED1;HE2320X	5	350	190	30	39
UK322D1;H2322X	T322D1	C(CM)-UKT322D1;H2322X	5	395	200	40	51
UK324D1;H2324	T324D1	C(CM)-UKT324D1;H2324	5	439	215	43	69
UK326D1;H2326	T326D1	C(CM)-UKT326D1;H2326	6	476	225	69	85
UK328D1;H2328	T328D1	C(CM)-UKT328D1;H2328	6	519	235	88	107

UKTX

Take-up unit, cast housing Adapter type



Cast dust cover type
Open end C-UKT...D1
Closed end CM-UKT...D1

Shaft dia. mm inch	Unit number (1)(2)	Nominal dimensions mm inch															Mass of unit kg lb
		N ₁	L ₂	H ₂	N ₂	N	N ₃	A ₁	H ₁	H	L	A ₂	A	r	L ₁	B ₁	
20	UKTX05D1;H2305X	16	12	56	37	22	57	12	89	102	113	28	37	43	70	35	
	UKX05D1;HE2305	$\frac{5}{8}$	$\frac{15}{32}$	$2\frac{7}{32}$	$1\frac{15}{32}$	$\frac{7}{8}$	$2\frac{1}{4}$	0.472	$3\frac{1}{2}$	$4\frac{1}{8}$	$4\frac{1}{16}$	$1\frac{3}{32}$	$1\frac{15}{32}$	$1\frac{15}{32}$	$1\frac{11}{16}$	$2\frac{3}{4}$	1.378
25	UKTX06D1;H2306X	16	15	64	37	22	64	12	89	102	129	30	37	51	78	38	
	UKX06D1;HS2306	$\frac{5}{8}$	$\frac{9}{16}$	$2\frac{17}{32}$	$1\frac{15}{32}$	$\frac{7}{8}$	$2\frac{17}{32}$	0.472	$3\frac{1}{2}$	$4\frac{1}{8}$	$5\frac{3}{32}$	$1\frac{3}{16}$	$1\frac{15}{32}$	$1\frac{15}{32}$	2	$3\frac{1}{16}$	1.496
30	UKTX07D1;H2307X	19	17	83	49	29	83	16	102	114	144	36	49	56	88	43	
	UKX07D1;HS2307	$\frac{3}{4}$	$\frac{21}{32}$	$3\frac{9}{32}$	$1\frac{15}{16}$	$1\frac{5}{8}$	$3\frac{9}{32}$	0.630	$4\frac{1}{4}$	$4\frac{1}{2}$	$5\frac{13}{32}$	$1\frac{13}{32}$	$1\frac{15}{16}$	$2\frac{1}{16}$	$3\frac{1}{8}$	1.693	
35	UKTX08D1;H2308X	19	17	83	49	29	83	16	102	117	144	36	49	57	87	46	
	UKX08D1;HE2308X	$\frac{3}{4}$	$\frac{21}{32}$	$3\frac{9}{32}$	$1\frac{15}{16}$	$1\frac{5}{8}$	$3\frac{9}{32}$	0.630	$4\frac{1}{4}$	$4\frac{9}{16}$	$5\frac{13}{32}$	$1\frac{13}{32}$	$1\frac{15}{16}$	$2\frac{1}{4}$	$3\frac{1}{8}$	1.811	
40	UKTX09D1;H2309X	19	18	83	49	29	86	16	102	117	151	38	49	59	92	50	
	UKX09D1;HA2309	$\frac{3}{4}$	$\frac{23}{32}$	$3\frac{9}{32}$	$1\frac{15}{16}$	$1\frac{5}{8}$	$3\frac{3}{8}$	0.630	$4\frac{1}{4}$	$4\frac{9}{16}$	$5\frac{13}{32}$	$1\frac{13}{32}$	$1\frac{15}{16}$	$2\frac{5}{16}$	$3\frac{5}{8}$	1.969	
45	UKTX10D1;H2310X	25	21	102	64	35	95	22	130	146	171	42	64	65	106	55	
	UKX10D1;HS2310	$\frac{31}{32}$	$\frac{13}{16}$	$4\frac{1}{32}$	$2\frac{17}{32}$	$1\frac{3}{8}$	$3\frac{1}{4}$	0.866	$5\frac{1}{8}$	$5\frac{3}{4}$	$6\frac{21}{32}$	$1\frac{21}{32}$	$2\frac{17}{32}$	$2\frac{9}{16}$	$4\frac{3}{16}$	2.165	
50	UKTX11D1;H2311X	32	21	102	64	35	102	22	130	146	194	44	64	75	119	59	
	UKX11D1;HS2311	$1\frac{1}{4}$	$\frac{13}{16}$	$4\frac{1}{2}$	$2\frac{17}{32}$	$1\frac{3}{8}$	$4\frac{1}{8}$	0.866	$5\frac{1}{8}$	$5\frac{3}{4}$	$7\frac{5}{8}$	$1\frac{23}{32}$	$2\frac{17}{32}$	$2\frac{15}{16}$	$4\frac{1}{16}$	2.323	
55	UKTX12D1;H2312X	32	23	111	70	41	121	26	151	167	224	48	70	87	137	62	
	UKX12D1;HS2312	$1\frac{1}{4}$	$\frac{29}{32}$	$4\frac{3}{8}$	$2\frac{3}{4}$	$1\frac{5}{8}$	$4\frac{3}{4}$	1.024	$5\frac{15}{16}$	$6\frac{3}{8}$	$8\frac{3}{16}$	$1\frac{7}{8}$	$2\frac{1}{4}$	$3\frac{1}{16}$	$5\frac{5}{8}$	2.441	

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.

In this case the lock washer with the straight inner prong should be used.

(3) For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve.

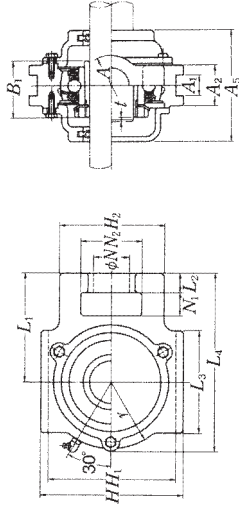
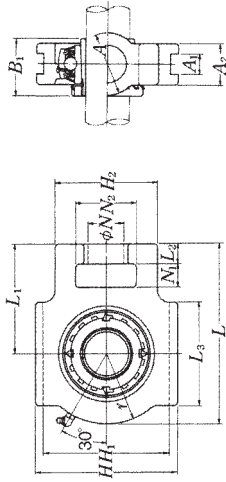
To distinguish it, a suffix "y" is added.

Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Unit number cast dust cover type	Nominal dimensions			Mass of unit kg lb
			t max.	mm inch	A ₅	
UKX05D1;H2305X UKX05D1;HE2305	TX05D1	C(CM)-UKTX05D1;H2305X	2	113.5	75	1.3 1.8
	TX05D1	C(CM)-UKTX05ED1;HE2305	$\frac{5}{64}$	$4\frac{15}{32}$	$2\frac{15}{16}$	2.9 4.0
UKX06D1;H2306X UKX06D1;HS2306 UKX06D1;HE2306X	TX06D1	C(CM)-UKTX06D1;H2306X	2	129	80	1.7 2.2
	TX06D1	C(CM)-UKTX06SD1;HS2306	$\frac{5}{64}$	$5\frac{3}{32}$	$3\frac{5}{32}$	3.7 4.9
UKX07D1;H2307X UKX07D1;HS2307	TX07D1	C(CM)-UKTX07D1;H2307X	3	144	90	2.7 3.5
	TX07D1	C(CM)-UKTX07SD1;HS2307	$\frac{1}{8}$	$5\frac{21}{32}$	$3\frac{17}{32}$	6.0 7.7
UKX08D1;H2308X UKX08D1;HE2308X UKX08D1;HS2308X	TX08D1	C(CM)-UKTX08D1;H2308X	3	144.5	95	2.8 3.7
	TX08D1	C(CM)-UKTX08ED1;HE2308X	$\frac{1}{8}$	$5\frac{11}{16}$	$3\frac{3}{4}$	6.2 8.2
UKX09D1;H2309X UKX09D1;HA2309 UKX09D1;HE2309X UKX09D1;HS2309X	TX09D1	C(CM)-UKTX09D1;H2309X	3	152	100	2.7 3.8
	TX09D1	C(CM)-UKTX09AD1;HA2309	$\frac{1}{8}$	$5\frac{9}{16}$	$3\frac{15}{16}$	6.0 8.4
UKX10D1;H2310X UKX10D1;HS2310 UKX10D1;HA2310 UKX10D1;HE2310X	TX10D1	C(CM)-UKTX10D1;H2310X	3	171.5	100	4.3 5.5
	TX10D1	C(CM)-UKTX10SD1;HS2310	$\frac{1}{8}$	$6\frac{3}{4}$	$3\frac{15}{16}$	9.5 12
UKX11D1;H2311X UKX11D1;HS2311 UKX11D1;HA2311 UKX11D1;HE2311XY	TX11D1	C(CM)-UKTX11D1;H2311X	4	194	115	5.1 6.6
	TX11D1	C(CM)-UKTX11SD1;HS2311	$\frac{5}{32}$	$7\frac{5}{8}$	$4\frac{17}{32}$	11 15
UKX12D1;H2312X UKX12D1;HS2312	TX12D1	C(CM)-UKTX12D1;H2312X	4	224	120	7.2 9.0
	TX12D1	C(CM)-UKTX12SD1;HS2312	$\frac{5}{32}$	$8\frac{13}{16}$	$4\frac{23}{32}$	16 20

UKTX

Take-up unit, cast housing Adapter type



Cast dust cover type
Open end C-UKT...D1
Closed end CM-UKT...D1

Shaft dia. mm inch	Unit number (1)(2)	Nominal dimensions mm inch																
		N ₁	L ₂	H ₂	N ₂	N	N ₃	A ₁	L ₃	A ₁	H ₁	H	L	A ₂	A	r	L ₁	B ₁
60	UKTX13D1;HE2313X	32	23	111	70	41	121	26	151	167	224	48	70	87	137	65		
2 ³ / ₁₆	UKTX13D1;HA2313																	
2 ¹ / ₄	UKTX13D1;HE2313X	1 ¹ / ₄	29 ³ / ₃₂	4 ³ / ₈	2 ³ / ₄	1 ⁵ / ₈	4 ³ / ₄	1.024	5 ¹⁵ / ₁₆	6 ⁹ / ₁₆	8 ¹³ / ₁₆	1 ⁷ / ₈	2 ³ / ₄	3 ⁷ / ₁₆	5 ⁹ / ₁₆	2.559		
2 ³ / ₈	UKTX13D1;HS2313X																	
65	UKTX15D1;H2315X	32	23	111	70	41	121	28	165	184	235	48	70	95	140	73		
2 ⁷ / ₁₆	UKTX15D1;HA2315																	
2 ¹ / ₂	UKTX15D1;HE2315X	1 ¹ / ₄	29 ³ / ₃₂	4 ³ / ₈	2 ³ / ₄	1 ⁵ / ₈	4 ³ / ₄	1.102	6 ¹ / ₂	7 ¹ / ₄	9 ¹ / ₄	1 ⁷ / ₈	2 ³ / ₄	3 ³ / ₄	5 ¹ / ₂	2.874		
70	UKTX16D1;H2316X	38	30	124	73	48	157	28	173	198	260	54	73	98	162	78		
2 ¹ / ₁₆	UKTX16D1;HA2316																	
2 ³ / ₄	UKTX16D1;HE2316X	1 ¹ / ₂	1 ³ / ₁₆	4 ⁷ / ₈	2 ⁷ / ₈	1 ⁷ / ₈	6 ³ / ₁₆	1.102	6 ¹³ / ₁₆	7 ²⁵ / ₃₂	10 ¹ / ₄	2 ¹ / ₈	2 ⁷ / ₈	3 ²⁷ / ₃₂	6 ³ / ₈	3.071		
75	UKTX17D1;H2317X	38	30	124	73	48	157	28	173	198	260	54	73	98	162	82		
2 ¹⁵ / ₁₆	UKTX17D1;HA2317X																	
3	UKTX17D1;HE2317X	1 ¹ / ₂	1 ³ / ₁₆	4 ⁷ / ₈	2 ⁷ / ₈	1 ⁷ / ₈	6 ³ / ₁₆	1.102	6 ¹³ / ₁₆	7 ²⁵ / ₃₂	10 ¹ / ₄	2 ¹ / ₈	2 ⁷ / ₈	3 ²⁷ / ₃₂	6 ³ / ₈	3.228		

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.

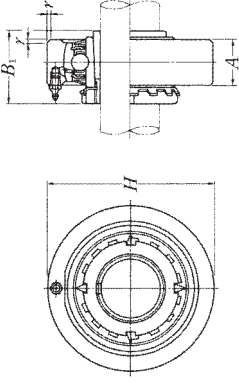
In this case the lock washer with the straight inner prong should be used.

Remarks Please refer to page A21 for size of grease fitting.

Bearing number	Housing number	Unit number cast dust cover type	Nominal dimensions			Mass of unit	
			t max.	mm inch	L ₄	A ₅	kg lb
UKX13D1;H2313X	TX13D1	C(CM)-UKTX13D1;H2313X	4	224	135	7.2	9.5
UKX13D1;HA2313	TX13D1	C(CM)-UKTX13AD1;HA2313					
UKX13D1;HE2313X	TX13D1	C(CM)-UKTX13ED1;HE2313X	5 ⁵ / ₃₂	8 ¹³ / ₁₆	5 ⁵ / ₁₆	16	21
UKX13D1;HS2313X	TX13D1	C(CM)-UKTX13SD1;HS2313X					
UKX15D1;H2315X	TX15D1	C(CM)-UKTX15D1;H2315X	4	235	145	8.5	11
UKX15D1;HA2315	TX15D1	C(CM)-UKTX15AD1;HA2315	5 ⁵ / ₃₂	9 ¹ / ₄	5 ²³ / ₃₂	19	24
UKX15D1;HE2315X	TX15D1	C(CM)-UKTX15ED1;HE2315X					
UKX16D1;H2316X	TX16D1	C(CM)-UKTX16D1;H2316X	4	260	155	11	14
UKX16D1;HA2316	TX16D1	C(CM)-UKTX16AD1;HA2316	5 ⁵ / ₃₂	10 ¹ / ₄	6 ³ / ₃₂	24	31
UKX16D1;HE2316X	TX16D1	C(CM)-UKTX16ED1;HE2316X					
UKX17D1;H2317X	TX17D1	C(CM)-UKTX17D1;H2317X	5	262	165	11	15
UKX17D1;HA2317X	TX17D1	C(CM)-UKTX17AD1;HA2317X	13 ¹³ / ₆₄	10 ⁵ / ₁₆	6 ¹ / ₂	24	33
UKX17D1;HE2317X	TX17D1	C(CM)-UKTX17ED1;HE2317X					

UKC2

Cartridge unit, cast housing Adapter type



Shaft dia. mm inch	Unit number ⁽¹⁾ / ₍₂₎	Nominal dimensions mm inch				Bearing number	Housing number	Mass of unit kg lb
		H	A	r	B ₁			
20 ³ / ₄	UKC205D1;H2305X	80	22	2	35	UK205D1;H2305X	C205D1	0.7
	UKC205D1;HE2305	3.1496	⁵⁵ / ₆₄	0.079	1.378	UK205D1;HE2305	C205D1	1.5
25 ⁷ / ₈ 1	UKC206D1;H2306X	85	27	2	38	UK206D1;H2306X	C206D1	0.9
	UKC206D1;HS2306	3.3465	1 ¹ / ₁₆	0.079	1.496	UK206D1;HS2306	C206D1	2.0
30 ¹ / ₂	UKC207D1;H2307X	90	28	2	43	UK207D1;H2307X	C207D1	1.0
	UKC207D1;HS2307	3.5433	1 ¹ / ₆₄	0.079	1.693	UK207D1;HS2307	C207D1	2.2
35 ¹ / ₄ ¹ / ₂	UKC208D1;H2308X	100	30	2.5	46	UK208D1;H2308X	C208D1	1.3
	UKC208D1;HE2308X	3.9370	1 ³ / ₁₆	0.098	1.811	UK208D1;HE2308X	C208D1	2.9
40 ¹ / ₂ ¹ / ₂	UKC209D1;H2309X	110	31	2.5	50	UK209D1;H2309X	C209D1	1.6
	UKC209D1;HA2309	4.3307	1 ⁷ / ₃₂	0.098	1.969	UK209D1;HA2309	C209D1	3.5
45 ¹ / ₂ ¹ / ₂	UKC210D1;H2310X	120	33	2.5	55	UK210D1;H2310X	C210D1	2.1
	UKC210D1;HA2310	4.7244	1 ¹⁹ / ₆₄	0.098	2.165	UK210D1;HA2310	C210D1	4.6
50 ¹ / ₂ ¹ / ₂	UKC211D1;H2311X	125	35	2.5	59	UK211D1;H2311X	C211D1	2.3
	UKC211D1;HS2311	4.9213	1 ³ / ₈	0.098	2.323	UK211D1;HS2311	C211D1	5.1
55 ² / ₁ ² / ₁	UKC212D1;H2312X	130	38	2.5	62	UK212D1;H2312X	C212D1	2.6
	UKC212D1;HS2312	5.1181	1 ¹ / ₂	0.098	2.441	UK212D1;HS2312	C212D1	5.7
60 ² / ₁ ² / ₁	UKC213D1;H2313X	140	40	3	65	UK213D1;H2313X	C213D1	3.2
	UKC213D1;HA2313	5.5118	1 ⁶⁷ / ₆₄	0.118	2.559	UK213D1;HA2313	C213D1	7.1
60 ² / ₁ ² / ₁	UKC213D1;HE2313X					UK213D1;HE2313X	C213D1	
	UKC213D1;HS2313X					UK213D1;HS2313X	C213D1	

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.

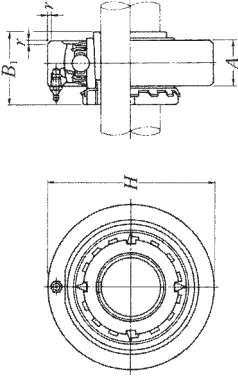
In this case the lock washer with the straight inner prong should be used.

(3) For HE2311X1, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve.

To distinguish it, a suffix "-Y" is added.

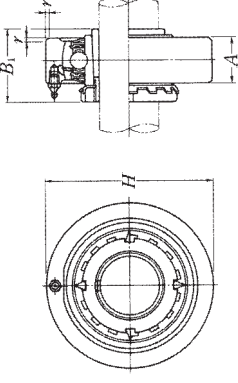
Remarks Please refer to page A21 for size of grease fitting.

Cartridge unit, cast housing
Adapter type



Shaft dia.	Unit number (1)(2)	Nominal dimensions				Bearing number	Housing number	Mass of unit
		mm inch						
mm inch		H	A	r	B ₁			kg lb
20	UKC305D1;H2305X	90	26	2.5	35	UK305D1;H2305X	C305D1	1.0
	UKC305D1;HA2305	3.5433	1 ¹ / ₂	0.098	1.378	UK305D1;HE2305	C305D1	2.2
25	UKC306D1;H2306X	100	28	2.5	38	UK306D1;H2306X	C306D1	1.3
	UKC306D1;HS2306	3.9370	1 ¹ / ₄	0.098	1.496	UK306D1;HS2306	C306D1	2.9
30	UKC307D1;H2307X	110	32	3	43	UK307D1;H2307X	C307D1	1.8
	UKC307D1;HS2307	4.3307	1 ¹ / ₄	0.118	1.693	UK307D1;HS2307	C307D1	4.0
35	UKC308D1;H2308X	120	34	3	46	UK308D1;H2308X	C308D1	2.2
	UKC308D1;HA2308	4.7244	1 ¹ / ₂	0.118	1.811	UK308D1;HE2308X	C308D1	4.9
40	UKC309D1;H2309X	130	38	3.5	50	UK309D1;H2309X	C309D1	2.7
	UKC309D1;HA2309	5.1181	1 ¹ / ₂	0.138	1.969	UK309D1;HE2309X	C309D1	6.0
45	UKC310D1;H2310X	140	40	3.5	55	UK310D1;H2310X	C310D1	3.4
	UKC310D1;HS2310	5.5118	1 ³ / ₄	0.138	2.165	UK310D1;HA2310	C310D1	7.5
50	UKC311D1;H2311X	150	44	3.5	59	UK311D1;H2311X	C311D1	4.0
	UKC311D1;HS2311	5.9055	1 ⁷ / ₈	0.138	2.323	UK311D1;HA2311	C311D1	8.8
55	UKC312D1;H2312X	160	46	3.5	62	UK312D1;H2312X	C312D1	4.8
	UKC312D1;HS2312	6.2992	1 ¹ / ₂	0.138	2.441	UK312D1;HE2312	C312D1	11
60	UKC313D1;H2313X	170	50	3.5	65	UK313D1;H2313X	C313D1	5.6
	UKC313D1;HA2313	6.6929	1 ⁵ / ₈	0.138	2.559	UK313D1;HE2313X	C313D1	12
2 ³ / ₁₆	UKC313D1;HS2313X					UK313D1;HS2313X	C313D1	

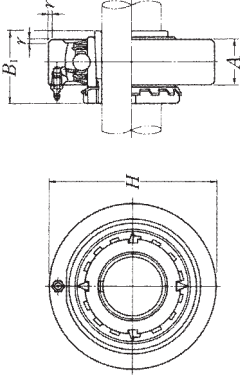
Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
 (2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.
 In this case the lock washer with the straight inner prong should be used.
 (3) For HE2311X1, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve.
 To distinguish it, a suffix "r" is added.
 Remarks Please refer to page A21 for size of grease fitting.



Shaft dia.	Unit number (1)(2)	Nominal dimensions				Bearing number	Housing number	Mass of unit
		mm inch						
mm inch		H	A	r	B ₁			kg lb
65	UKC315D1;H2315X	190	55	4	73	UK315D1;H2315X	C315D1	7.9
	UKC315D1;HA2315	7.4803	2 ¹ / ₄	0.157	2.874	UK315D1;HE2315	C315D1	17
	UKC315D1;HE2315X					UK315D1;HE2315X	C315D1	
70	UKC316D1;H2316X	200	60	4	78	UK316D1;H2316X	C316D1	9.4
	UKC316D1;HA2316	7.8740	2 ³ / ₈	0.157	3.071	UK316D1;HE2316	C316D1	21
	UKC316D1;HE2316X					UK316D1;HE2316X	C316D1	
75	UKC317D1;H2317X	215	64	4	82	UK317D1;H2317X	C317D1	11
	UKC317D1;HA2317X	8.4646	2 ⁵ / ₈	0.157	3.228	UK317D1;HE2317X	C317D1	24
	UKC317D1;HE2317X					UK317D1;HE2317X	C317D1	
80	UKC318D1;H2318X	225	66	4	86	UK318D1;H2318X	C318D1	13
	UKC318D1;HA2318X	8.8583	2 ⁵ / ₈	0.157	3.386	UK318D1;HE2318X	C318D1	29
85	UKC319D1;H2319X	240	72	4	90	UK319D1;H2319X	C319D1	16
	UKC319D1;HE2319X	9.4488	2 ⁷ / ₈	0.157	3.543	UK319D1;HE2319X	C319D1	35
90	UKC320D1;H2320X	260	75	4	97	UK320D1;H2320X	C320D1	20
	UKC320D1;HA2320	10.2362	2 ⁶ / ₄	0.157	3.819	UK320D1;HE2320X	C320D1	44
100	UKC322D1;H2322X	300	80	5	105	UK322D1;H2322X	C322D1	29
	UKC324D1;H2324	320	90	5	112	UK324D1;H2324	C324D1	35
115	UKC326D1;H2326	340	100	5	121	UK326D1;H2326	C326D1	43
	UKC328D1;H2328	360	100	5	131	UK328D1;H2328	C328D1	50

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
 (2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.
 In this case the lock washer with the straight inner prong should be used.
 Remarks Please refer to page A21 for size of grease fitting.

Cartridge unit, cast housing Adapter type



Shaft dia. mm inch	Unit number ⁽¹⁾ / ₍₂₎ / ₍₃₎	Nominal dimensions mm inch				Bearing number	Housing number	Mass of unit kg lb
		H	A	r	B ₁			
20 ³ / ₄	UKCX05D1;H2305X	90	27	2	35	UKX06D1;H2305X	CX05D1	1.1
	UKCX05D1;HE2305	3.5433	1 ¹ / ₈	0.079	1.378	UKX05D1;HE2305	CX05D1	2.4
25 ⁷ / ₈ 1	UKCX06D1;H2306X	100	30	2.5	38	UKX06D1;H2306X	CX06D1	1.4
	UKCX06D1;HS2306	3.9370	1 ³ / ₁₆	0.098	1.496	UKX06D1;HS2306	CX06D1	3.1
30 ¹ / ₂	UKCX07D1;H2307X	110	34	2.5	43	UKX07D1;H2307X	CX07D1	1.8
	UKCX07D1;HS2307	4.3307	1 ¹ / ₈	0.098	1.693	UKX07D1;HS2307	CX07D1	4.0
35 ¹ / ₄ ¹ / ₂	UKCX08D1;H2308X	120	38	2.5	46	UKX08D1;H2308X	CX08D1	2.5
	UKCX08D1;HE2308X	4.7244	1 ¹ / ₂	0.098	1.811	UKX08D1;HE2308X	CX08D1	5.5
40 ¹ / ₂ ¹ / ₂	UKCX09D1;H2309X	120	38	2.5	50	UKX09D1;H2309X	CX09D1	2.2
	UKCX09D1;HA2309	4.7244	1 ¹ / ₂	0.098	1.969	UKX09D1;HA2309	CX09D1	4.9
45 ¹ / ₂ ¹ / ₂	UKCX10D1;H2310X	130	40	2.5	55	UKX10D1;H2310X	CX10D1	2.7
	UKCX10D1;HS2310	5.1181	1 ³⁷ / ₆₄	0.098	2.165	UKX10D1;HS2310	CX10D1	6.0
50 ¹ / ₂ 2	UKCX11D1;H2311X	150	42	3	59	UKX11D1;H2311X	CX11D1	4.0
	UKCX11D1;HS2311	5.9055	1 ³ / ₈	0.118	2.323	UKX11D1;HS2311	CX11D1	8.8
55 ² / ₈ 2	UKCX11D1;HA2311					UKX11D1;HA2311	CX11D1	
	UKCX11D1;HE2311XY					UKX11D1;HE2311XY	CX11D1	
55 ² / ₈ 2	UKCX12D1;H2312X	160	44	3	62	UKX12D1;H2312X	CX12D1	3.9
	UKCX12D1;HS2312	6.2992	1 ⁷ / ₆₄	0.118	2.441	UKX12D1;HS2312	CX12D1	8.6

Notes ⁽¹⁾ These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "DI".

⁽²⁾ Adapter number with suffix "X" means a narrow slot type adapter sleeve.

In this case the lock washer with the straight inner prong should be used.

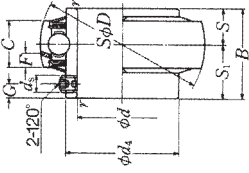
⁽³⁾ For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve.

To distinguish it, a suffix "Y" is added.

Remarks Please refer to page A21 for size of grease fitting.

UC2

Ball bearings Set screw type



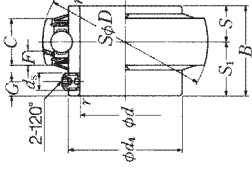
Shaft dia. mm inch	Bearing (°) number	Nominal dimensions										
		d	D	B	C	r	S	S ₁	G	d _s	d ₄	F
12 ½	UC201D1	12	47	31	17	0.6	12.7	18.3	4.5	M5×0.8	29.6	4.7
	UC201-009D1	0.5000	1.8504	1.2205	0.6693	0.024	0.500	0.720	0.177	No.10-32UNF	1.1654	0.185
15 9/16 5/8	UC202D1	15	47	31	17	0.6	12.7	18.3	4.5	M5×0.8	29.6	4.7
	UC202-009D1	0.5625	1.8504	1.2205	0.6693	0.024	0.500	0.720	0.177	No.10-32UNF	1.1654	0.185
17 11/16	UC203D1	17	47	31	17	0.6	12.7	18.3	4.5	M5×0.8	29.6	4.7
	UC203-011D1	0.6675	1.8504	1.2205	0.6693	0.024	0.500	0.720	0.177	No.10-32UNF	1.1654	0.185
20 3/4	UC204D1	20	47	31	17	1	12.7	18.3	4.5	M5×0.8	29.6	4.7
	UC204-012D1	0.7500	1.8504	1.2205	0.6693	0.039	0.500	0.720	0.177	No.10-32UNF	1.1654	0.185
25 1 1/8 7/8 1 1/16	UC205D1	25	52	34.1	17	1	14.3	19.8	5	M5×0.8	33.9	4.5
	UC205-013D1	0.8125										
30 1 1/8 1 1/16	UC206-101D1	30	62	38.1	19	1	15.9	22.2	5	M6×0.75	40.8	4.6
	UC206-102D1	1.1250										
35 1 1/4	UC207-104D1	35	72	42.9	20	1.5	17.5	25.4	6	M6×0.75	46.8	4.6
	UC207-105D1	1.3125										
40 1 5/8 1 7/8	UC208-106D1	40	80	49.2	21	1.5	19	30.2	8	M8×1	53	4.5
	UC208-109D1	1.5625										
45 1 7/8 1 3/4	UC209D1	45	85	49.2	22	1.5	19	30.2	8	M8×1	57.5	4.9
	UC209-110D1	1.6250										
50 1 3/4	UC209-111D1	1.6675										
	UC209-112D1	1.7500										

Note (°) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Basic load ratings	Mass	
	N lbf	kg lb
dynamic		
C _r	12 800	6 650
static	2 890	1 500
C _{0r}	12 800	6 650
	2 890	1 500
	12 800	6 650
	2 890	1 500
	12 800	6 650
	2 890	1 500
	14 000	7 850
	3 150	1 770
	19 500	11 300
	4 400	2 540
	25 700	15 300
	5 750	3 450
	29 100	17 800
	6 550	4 000
	32 500	20 400
	7 350	4 600
		1.57

UC2

Ball bearings Set screw type



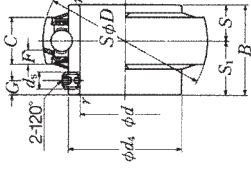
Shaft dia. mm inch	Bearing (°) number	Nominal dimensions										
		d	D	B	C	r min.	S	S ₁	G	d ₅	d ₄	F
50	UC210D1	50	90	51.6	24	1.5	19	32.6	9	M8×1	62.4	5.9
1 ³ / ₁₆	UC210-113D1	1.8125										
1 ⁷ / ₁₆	UC210-114D1	1.8750	3.5433	2.0315	0.9449	0.059	0.748	1.283	0.354	⁵ / ₁₆ -24UNF	2.4567	0.232
1 ¹⁵ / ₁₆	UC210-115D1	1.9375										
2	UC210-200D1	2.0000										
55	UC211D1	55	100	55.6	25	2	22.2	33.4	9	M8×1	69	6.0
2	UC211-200D1	2.0000										
2 ¹ / ₁₆	UC211-201D1	2.0625	3.9370	2.1890	0.9843	0.079	0.874	1.315	0.354	⁵ / ₁₆ -24UNF	2.7165	0.236
2 ³ / ₁₆	UC211-202D1	2.1250										
2 ⁵ / ₁₆	UC211-203D1	2.1875										
60	UC212D1	60	110	65.1	27	2	25.4	39.7	10	M10×1.25	77	6.2
2 ¹ / ₄	UC212-204D1	2.2500										
2 ⁵ / ₁₆	UC212-205D1	2.3125	4.3307	2.5630	1.0630	0.079	1.000	1.563	0.394	³ / ₈ -24UNF	3.0315	0.244
2 ⁷ / ₁₆	UC212-206D1	2.3750										
2 ¹⁵ / ₁₆	UC212-207D1	2.4375										
65	UC213D1	65	120	65.1	32	2	25.4	39.7	10	M10×1.25	82.5	8.7
2 ¹ / ₂	UC213-208D1	2.5000	4.7244	2.5630	1.2598	0.079	1.000	1.563	0.394	³ / ₈ -24UNF	3.2480	0.343
2 ⁵ / ₁₆	UC213-209D1	2.5625										
70	UC214D1	70	125	74.6	33	2	30.2	44.4	12	M10×1.25	87	8.8
2 ⁷ / ₈	UC214-210D1	2.6250										
2 ¹¹ / ₁₆	UC214-211D1	2.6675	4.9213	2.9370	1.2992	0.079	1.189	1.748	0.472	³ / ₈ -24UNF	3.4252	0.346
2 ³ / ₄	UC214-212D1	2.7500										
75	UC215D1	75	130	77.8	34	2	33.3	44.5	12	M10×1.25	93	9.0
2 ⁹ / ₁₆	UC215-213D1	2.8125										
2 ⁷ / ₈	UC215-214D1	2.8750	5.1181	3.0630	1.3886	0.079	1.311	1.752	0.472	³ / ₈ -24UNF	3.6614	0.354
2 ⁵ / ₈	UC215-215D1	2.9375										
3	UC215-300D1	3.0000										
80	UC216D1	80	140	82.6	35	2.5	33.3	49.3	12	M10×1.25	98.1	9.5
3 ¹ / ₁₆	UC216-301D1	3.0625										
3 ⁷ / ₁₆	UC216-302D1	3.1250	5.5118	3.2520	1.3780	0.098	1.311	1.941	0.472	³ / ₈ -24UNF	3.8622	0.374
3 ⁵ / ₁₆	UC216-303D1	3.1875										

Note (°) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Basic load ratings	N dynamic C _r	lbf static C _{0r}	kg lb	Mass
	35 000	23 200	0.78	
			2.03	
	7 900	5 200	1.92	
			1.81	
			1.69	
	43 500	29 200	1.04	
			2.71	
	9 750	6 550	2.60	
			2.46	
			2.34	
	52 500	36 000	1.46	
			3.66	
	11 800	8 150	3.50	
			3.33	
			3.17	
	57 500	40 000	1.86	
			4.26	
	12 900	9 000	4.09	
	62 000	44 000	2.10	
			5.09	
	14 000	9 900	4.87	
			4.65	
	66 000	49 500	2.34	
			5.73	
	14 900	11 100	5.49	
			5.25	
			4.98	
	72 500	53 000	2.78	
			6.57	
	16 300	11 900	6.28	
			6.00	

UC2

Ball bearings Set screw type



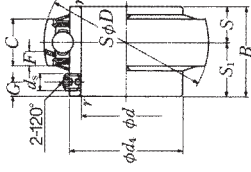
Shaft dia. mm inch	Bearing (°) number	Nominal dimensions										
		d	D	B	C	r min.	S	S ₁	G	d _s	d ₄	F
85	UC217D1	85	150	85.7	36	2.5	34.1	51.6	12	M12×1.5	106.4	10.1
3 1/4	UC217-304D1	3.2500										
3 5/16	UC217-305D1	3.3125	5.9055	3.3740	1.4173	0.098	1.343	2.031	0.472	1/2-20UNF	4.1890	0.398
3 7/16	UC217-307D1	3.4375										
90	UC218D1	90	160	96	37	2.5	39.7	56.3	12	M12×1.5	111.6	9.8
3 1/2	UC218-308D1	3.5000	6.2992	3.7795	1.4567	0.098	1.563	2.217	0.472	1/2-20UNF	4.3937	0.386

Note (°) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Basic load ratings		Mass
N	kg	lb
dynamic C _r	64 000	3.54
static C _{0r}	18 700	7.92
	14 300	7.60
	6.97	
	96 000	4.40
	21 600	16 100
	16 100	9.88

UC3

Ball bearings Set screw type



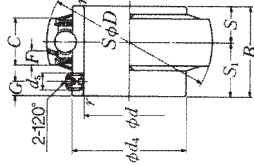
Shaft dia. mm inch	Bearing (°) number	Nominal dimensions										
		d	D	B	C	r min.	S	S ₁	G	d _s	d ₄	F
25 1 ⁵ / ₁₆ 1 ¹ / ₈ 1 ¹ / ₈ 1 ¹ / ₈ 1	UC305D1 UC305-013D1 UC305-014D1 UC305-015D1 UC305-100D1	25 0.8125 0.8750 0.9375 1.0000	62 2.4409	38 1.4961	20 0.7874	1.5 0.059	15 0.591	23 0.906	6 0.236	M6×0.75 1/4-28UNF	36.8 1.4488	5.0 0.197
30 1 ¹ / ₁₆ 1 ¹ / ₈ 1 ¹ / ₈ 1 ¹ / ₁₆	UC306D1 UC306-101D1 UC306-102D1 UC306-103D1	30 1.0625 1.1250 1.1875	72 2.8346	43 1.6929	23 0.9055	1.5 0.059	17 0.669	26 1.024	6 0.236	M6×0.75 1/4-28UNF	44.9 1.7677	5.9 0.232
35 1 ¹ / ₄ 1 ⁵ / ₁₆ 1 ⁵ / ₁₆ 1 ⁷ / ₁₆	UC307D1 UC307-104D1 UC307-105D1 UC307-106D1 UC307-107D1	35 1.2500 1.3125 1.3750 1.4375	80 3.1496	48 1.8898	25 0.9843	2 0.079	19 0.748	29 1.142	8 0.315	M8×1 5/16-24UNF	49.4 1.9449	6.8 0.268
40 1 ¹ / ₂ 1 ⁵ / ₈ 1 ⁵ / ₈	UC308D1 UC308-108D1 UC308-109D1	40 1.5000 1.5625	90 3.5433	52 2.0472	27 1.0630	2 0.079	19 0.748	33 1.299	10 0.394	M10×1.25 3/8-24UNF	56 2.2047	7.4 0.291
45 1 ⁵ / ₈ 1 ¹ / ₂ 1 ³ / ₄	UC309D1 UC309-110D1 UC309-111D1 UC309-112D1	45 1.6250 1.6875 1.7500	100 3.9370	57 2.2441	29 1.1417	2 0.079	22 0.866	35 1.378	10 0.394	M10×1.25 3/8-24UNF	63.5 2.5000	7.4 0.291
50 1 ³ / ₁₆ 1 ¹ / ₂ 1 ⁵ / ₈ 1 ⁵ / ₈	UC310D1 UC310-113D1 UC310-114D1 UC310-115D1	50 1.8125 1.8750 1.9375	110 4.3307	61 2.4016	32 1.2598	2.5 0.098	22 0.866	39 1.535	12 0.472	M12×1.5 1/2-20UNF	70.6 2.7785	8.1 0.319

Note (°) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Basic load ratings	N dynamic C _r	Ibf static C _{0r}	Mass	
				kg
	21 200	10 900	0.35	0.88
	4 750	2 460	0.84	0.79
	26 700	15 000	0.56	1.34
	6 000	3 400	1.28	1.23
	33 500	19 100	0.70	1.70
	7 500	4 300	1.63	1.57
	40 500	24 000	0.96	2.23
	9 150	5 400	2.14	2.14
	53 000	32 000	1.28	3.06
	11 900	7 200	2.98	2.98
	62 000	38 500	1.68	3.95
	13 900	8 600	3.84	3.84
			3.70	3.70

UC3

Ball bearings Set screw type



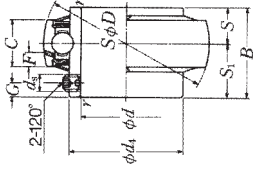
Shaft dia. mm inch	Bearing (°) number	Nominal dimensions										
		d	D	B	C	r min.	S	S ₁ inch	G	d _s	d ₄	F
55	UC311 1D1	55	120	66	34	2.5	25	41	12	M12×1.5	76.6	8.5
2	UC311-200D1	2.0000										
2 ¹ / ₁₆	UC311-201D1	2.0625										
2 ¹ / ₈	UC311-202D1	2.1250	4.7244	2.5984	1.3886	0.098	0.984	1.614	0.472	½-20UNF	3.0157	0.335
2 ³ / ₁₆	UC311-203D1	2.1875										
60	UC312 1D1	60	130	71	36	2.5	26	45	12	M12×1.5	82.7	9.0
2 ¹ / ₄	UC312-204D1	2.2500										
2 ⁵ / ₁₆	UC312-205D1	2.3125	5.1181	2.7953	1.4173	0.098	1.024	1.772	0.472	½-20UNF	3.2559	0.354
2 ³ / ₈	UC312-206D1	2.3750										
2 ⁷ / ₁₆	UC312-207D1	2.4375										
65	UC313 3D1	65	140	75	39	2.5	30	45	12	M12×1.5	88.2	10.1
2 ¹ / ₂	UC313-208D1	2.5000	5.5118	2.9528	1.5354	0.098	1.181	1.772	0.472	½-20UNF	3.4724	0.398
2 ³ / ₁₆	UC313-209D1	2.5625										
70	UC314 1D1	70	150	78	41	2.5	33	45	12	M12×1.5	94.8	10.5
2 ⁷ / ₈	UC314-210D1	2.6250										
2 ¹ / ₁₆	UC314-211D1	2.6675	5.9055	3.0709	1.6142	0.098	1.299	1.772	0.472	½-20UNF	3.7323	0.413
2 ³ / ₄	UC314-212D1	2.7500										
75	UC315 1D1	75	160	82	43	2.5	32	50	14	M14×1.5	101.3	11.0
2 ⁹ / ₁₆	UC315-213D1	2.8125										
2 ¹ / ₁₆	UC315-214D1	2.8750	6.2992	3.2283	1.6929	0.098	1.260	1.969	0.551	⅝-18UNF	3.9882	0.433
2 ¹ / ₈	UC315-215D1	2.9375										
3	UC315-300D1	3.0000										
80	UC316 1D1	80	170	86	45	2.5	34	52	14	M14×1.5	107.9	11.4
3 ¹ / ₁₆	UC316-301D1	3.0625										
3 ¹ / ₈	UC316-302D1	3.1250	6.6929	3.3858	1.7717	0.098	1.399	2.047	0.551	⅝-18UNF	4.2480	0.449
3 ³ / ₁₆	UC316-303D1	3.1875										

Note (°) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Basic load ratings	N dynamic C _r	lbf static C _{0r}	Mass
	71 500	45 000	2.08
	16 100	10 100	4.96
	16 100	10 100	4.81
	16 100	10 100	4.67
	16 100	10 100	4.50
	82 000	52 000	2.60
	18 400	11 700	6.06
	18 400	11 700	5.89
	18 400	11 700	5.68
	18 400	11 700	5.51
	92 500	60 000	3.25
	20 800	13 400	7.36
	20 800	13 400	7.14
	104 000	68 000	3.86
	23 400	15 300	9.06
	23 400	15 300	8.82
	23 400	15 300	8.60
	113 000	77 000	4.70
	25 500	17 400	11.0
	25 500	17 400	10.7
	25 500	17 400	10.5
	25 500	17 400	10.2
	123 000	86 500	5.60
	27 600	19 500	12.6
	27 600	19 500	12.3
	27 600	19 500	12.1

UC3

Ball bearings Set screw type

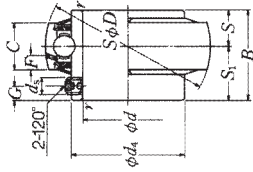


Shaft dia. mm inch	Bearing (°) number	Nominal dimensions										
		d	D	B	C	r min.	S	S ₁	G	d _s	d ₄	F
85	UC317D1	85	180	96	47	3	40	56	16	M16×1.5	114.4	12.0
3/4	UC317-304D1	3.2500										
3 5/16	UC317-305D1	3.3125	7.0866	3.7795	1.8504	0.118	1.575	2.205	0.630	5/8-18UNF	4.5039	0.472
3 7/16	UC317-307D1	3.4375										
90	UC318D1	90	190	96	49	3	40	56	16	M16×1.5	120.9	12.3
3 7/16	UC318-307D1	3.4375	7.4803	3.7795	1.9291	0.118	1.575	2.205	0.630	5/8-18UNF	4.7598	0.484
3 1/2	UC318-308D1	3.5000										
95	UC319D1	95	200	103	51	3	41	62	16	M16×1.5	127.5	12.8
3 5/8	UC319-310D1	3.6250										
3 11/16	UC319-311D1	3.6675	7.8740	4.0551	2.0079	0.118	1.614	2.441	0.630	5/8-18UNF	5.0197	0.504
3 3/4	UC319-312D1	3.7500										
100	UC320D1	100	215	108	55	3	42	66	18	M18×1.5	135.6	13.5
3 5/8	UC320-313D1	3.8125										
3 7/8	UC320-314D1	3.8750	8.4646	4.2520	2.1654	0.118	1.654	2.598	0.709	5/8-18UNF	5.3386	0.531
3 5/8	UC320-315D1	3.9375										
4	UC320-400D1	4.0000										
105	UC321D1	105	225	112	57	3	44	68	18	M18×1.5	142.1	13.9
110	UC322D1	110	240	117	59	3	46	71	18	M18×1.5	151.7	13.9
120	UC324D1	120	260	126	63	3	51	75	18	M18×1.5	165.2	16.0
130	UC326D1	130	280	135	67	4	54	81	20	M20×1.5	178.3	16.9
140	UC328D1	140	300	145	71	4	59	86	20	M20×1.5	190.4	17.7

Note (°) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Basic load ratings	N lbf	dynamic C _r	static C _{0r}	Mass
	133 000	97 000		6.70
				15.2
	29 800	21 800		14.9
				14.2
	143 000	107 000		7.60
				17.3
	32 000	24 100		16.9
				8.70
	153 000	119 000		19.9
				19.5
	34 500	26 600		19.1
				10.8
	173 000	141 000		24.7
				24.2
	39 000	31 500		23.8
				23.4
	184 000	153 000		12.2
				14.3
	205 000	179 000		18.5
				18.5
	207 000	185 000		23.0
				23.0
	229 000	214 000		28.5
				28.5

Ball bearings Set screw type



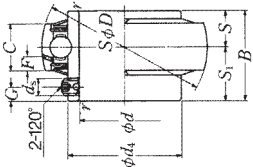
Shaft dia. mm inch	Bearing (°) number	Nominal dimensions										
		d	D	B	C	r min.	S	S ₁	G	d _s	d ₄	F
25 1 ¹ / ₈ 7/ ₈ 1 ¹ / ₈ 1	UCX05D1	25	62	38.1	19	1	15.9	22.2	5	M6×0.75	40.8	4.6
	UCX05-013D1	0.8125										
	UCX05-014D1	0.8750	2.4409	1.5000	0.7480	0.039	0.626	0.874	0.197	1/4-28UNF	1.6063	0.181
	UCX05-015D1	0.9375										
1	UCX05-100D1	1.0000										
30 1 ¹ / ₈ 1 ¹ / ₈ 1 ¹ / ₈ 1 ³ / ₁₆	UCX06D1	30	72	42.9	20	1	17.5	25.4	6	M8×1	46.8	4.6
	UCX06-101D1	1.0625										
	UCX06-102D1	1.1250	2.8346	1.6890	0.7874	0.039	0.689	1.000	0.236	5/16-24UNF	1.8425	0.181
	UCX06-103D1	1.1875										
35 1 ¹ / ₈ 1 ³ / ₈ 1 ³ / ₈ 1 ³ / ₈	UCX07D1	35	80	49.2	21	1.5	19	30.2	8	M8×1	53	4.5
	UCX07-105D1	1.3125										
	UCX07-106D1	1.3750	3.1496	1.9370	0.8268	0.059	0.748	1.189	0.315	5/16-24UNF	2.0866	0.177
	UCX07-107D1	1.4375										
40 1 ¹ / ₂ 1 ¹ / ₂ 1 ¹ / ₂	UCX08D1	40	85	49.2	22	1.5	19	30.2	8	M8×1	57.5	4.9
	UCX08-108D1	1.5000	3.3465	1.9370	0.8661	0.059	0.748	1.189	0.315	5/16-24UNF	2.2638	0.193
	UCX08-109D1	1.5625										
45 1 ⁵ / ₈ 1 ⁵ / ₈ 1 ⁵ / ₈ 1 ³ / ₄	UCX09D1	45	90	51.6	24	1.5	19	32.6	9	M10×1.25	62.4	5.9
	UCX09-110D1	1.6250										
	UCX09-111D1	1.6875	3.5453	2.0315	0.9449	0.059	0.748	1.283	0.354	3/8-24UNF	2.4567	0.232
	UCX09-112D1	1.7500										
50 1 ⁷ / ₈ 1 ⁷ / ₈ 1 ⁷ / ₈	UCX10D1	50	100	55.6	25	1.5	22.2	33.4	9	M10×1.25	69	6.0
	UCX10-114D1	1.8750	3.9370	2.1890	0.9843	0.059	0.874	1.315	0.354	3/8-24UNF	2.7165	0.236
	UCX10-115D1	1.9375										
55 2 ¹ / ₁₆ 2 ¹ / ₁₆ 2 ¹ / ₁₆ 2 ³ / ₁₆	UCX11D1	55	110	65.1	27	2	25.4	39.7	10	M10×1.25	77	6.2
	UCX11-201D1	2.0625										
	UCX11-202D1	2.1250	4.3307	2.5630	1.0630	0.079	1.000	1.563	0.394	3/8-24UNF	3.0315	0.244
	UCX11-203D1	2.1875										
60 2 ³ / ₈ 2 ³ / ₈	UCX12D1	60	120	65.1	32	2	25.4	39.7	10	M10×1.25	82.5	8.7
	UCX12-206D1	2.3750	4.7244	2.5630	1.2598	0.079	1.000	1.563	0.394	3/8-24UNF	3.2480	0.343
	UCX12-207D1	2.4375										

Note (°) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Basic load ratings	N dynamic C _r	lbf static C _{0r}	Mass	
				kg
	19 500	11 300	0.39	0.97
	4 400	2 540	0.93	0.88
	25 700	15 300	0.68	1.61
	5 750	3 450	1.54	1.50
	29 100	17 800	0.74	1.87
	6 550	4 000	1.81	1.74
	32 500	20 400	0.80	2.16
	7 350	4 600	2.07	2.07
	35 000	23 200	0.94	2.43
	7 900	5 200	2.34	2.25
	43 500	29 200	1.22	3.15
	9 750	6 550	3.04	3.04
	52 500	36 000	1.72	4.43
	11 800	8 150	4.30	4.12
	57 500	40 000	2.10	4.96
	12 900	9 000	4.81	4.81

UCX

Ball bearings Set screw type



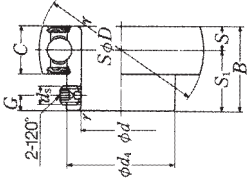
Shaft dia. mm inch	Bearing (°) number	Nominal dimensions										
		d	D	B	C	r	S	S ₁	G	d _s	d ₄	F
65	UCX13D1	65	125	74.6	33	2	30.2	44.4	12	M12×1.5	87	8.8
2 ¹ / ₂	UCX13-208D1	2.5000	4.9213	2.9370	1.2992	0.079	1.189	1.748	0.472	1/2-20UNF	3.4252	0.346
2 ⁵ / ₁₆	UCX13-209D1	2.5625										
70	UCX14D1	70	130	77.8	34	2	33.3	44.5	12	M12×1.5	93	9.0
2 ⁵ / ₈	UCX14-210D1	2.6250										
2 ¹ / ₈	UCX14-211D1	2.6875	5.1181	3.0630	1.3386	0.079	1.311	1.752	0.472	1/2-20UNF	3.6614	0.354
2 ³ / ₄	UCX14-212D1	2.7500										
75	UCX15D1	75	140	82.6	35	2	33.3	49.3	12	M12×1.5	98.1	9.5
2 ³ / ₈	UCX15-213D1	2.8125										
2 ¹ / ₂	UCX15-214D1	2.8750	5.5118	3.2520	1.3780	0.079	1.311	1.941	0.472	1/2-20UNF	3.8622	0.374
2 ⁵ / ₈	UCX15-215D1	2.9375										
3	UCX15-300D1	3.0000										
80	UCX16D1	80	150	85.7	36	2.5	34.1	51.6	12	M12×1.5	106.4	10.1
3 ¹ / ₁₆	UCX16-301D1	3.0625										
3 ¹ / ₈	UCX16-302D1	3.1250	5.9055	3.3740	1.4173	0.098	1.343	2.031	0.472	1/2-20UNF	4.1890	0.398
3 ³ / ₁₆	UCX16-303D1	3.1875										
85	UCX17D1	85	160	96	37	2.5	39.7	56.3	12	M12×1.5	111.6	9.8
3 ⁵ / ₁₆	UCX17-305D1	3.3125	6.2992	3.7795	1.4567	0.098	1.563	2.217	0.472	1/2-20UNF	4.3937	0.386
3 ⁷ / ₁₆	UCX17-307D1	3.4375										
90	UCX18D1	90	170	104	39	2.5	42.9	61.1	14	M14×1.5	118.2	10.5
3 ⁷ / ₈	UCX18-307D1	3.4375	6.6929	4.0945	1.5354	0.098	1.689	2.406	0.551	9/16-18UNF	4.6535	0.413
3 ¹ / ₂	UCX18-308D1	3.5000										
100	UCX20D1	100	190	117.5	44	2.5	49.2	68.3	16	M16×1.5	131.3	11.3
3 ⁵ / ₈	UCX20-313D1	3.8125										
3 ⁷ / ₈	UCX20-314D1	3.8750	7.4803	4.6260	1.7323	0.098	1.937	2.689	0.630	5/8-18UNF	5.1693	0.445
3 ⁵ / ₈	UCX20-315D1	3.9375										
4	UCX20-400D1	4.0000										

Note (°) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Basic load ratings	N dynamic C _r	lbf static C _{0r}	Mass
	62 000	44 000	2.45
	14 000	9 900	5.60
			5.38
	66 000	49 500	2.47
	14 900	11 100	5.93
			5.69
			5.47
	72 500	53 000	3.11
			7.43
	16 300	11 900	7.19
			6.92
			6.66
	83 500	64 000	3.96
			8.75
	18 700	14 300	8.47
			8.18
	96 000	71 500	4.72
	21 600	16 100	10.8
			10.1
	109 000	82 000	5.50
	24 500	18 400	13.3
			12.4
	133 000	105 000	8.06
			18.8
	29 900	23 500	18.4
			19.7
			19.2

AS2

Ball bearings Set screw type



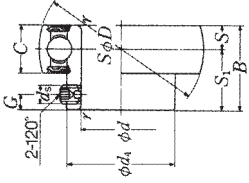
Shaft dia. mm inch	Bearing (°) number	Nominal dimensions										d	D	B	C	r min.	mm		inch		G	d _s	d ₄		
		d	D	B	C	r	S	S ₁	S	S ₁	G						d _s	d ₄							
12 1/2	AS201 AS201-008	12	40	22	12	0.6	6	16	4.2	M5×0.8	24.3	0.5000	1.5748	0.8661	0.4724	0.024	0.236	0.630	0.165	No.10-32UNF	0.957				
15	AS202 AS202-009 AS202-010	15	40	22	12	0.6	6	16	4.2	M5×0.8	24.3	0.5625	1.5748	0.8661	0.4724	0.024	0.236	0.630	0.165	No.10-32UNF	0.957				
17	AS203 AS203-011	17	40	22	12	0.6	6	16	4.2	M5×0.8	24.3	0.6875	1.5748	0.8661	0.4724	0.024	0.236	0.630	0.165	No.10-32UNF	0.957				
20	AS204 AS204-012	20	47	25	14	1	7	18	4.2	M5×0.8	29.6	0.7500	1.8504	0.9843	0.5512	0.039	0.276	0.709	0.165	No.10-32UNF	1.165				
25	AS205 AS205-013 AS205-014 AS205-015 AS205-100	25	52	27	15	1	7.5	19.5	5	M5×0.8	33.9	0.8125													
30	AS206 AS206-101 AS206-102 AS206-103 AS206-104	30	62	29	16	1	8	21	5	M6×0.75	40.8	1.0625													
35	AS207 AS207-104 AS207-105 AS207-106 AS207-107	35	72	34	17	1.5	8.5	25.5	6	M6×0.75	46.8	1.2500													
40	AS208 AS208-108 AS208-109	40	80	38	18	1.5	9	29	8	M8×1	53	1.3125													

Note (°) If relubricatable type is needed, please order with suffix "D1".

Basic load ratings	N	kg	lb	Mass
C _r	9 600	4 600	0.10	0.10
C _{0r}	2 160	1 030	0.22	0.22
C _r	9 600	4 600	0.09	0.09
C _{0r}	2 160	1 030	0.21	0.21
C _r	9 600	4 600	0.08	0.08
C _{0r}	2 160	1 030	0.18	0.18
C _r	12 800	6 650	0.13	0.13
C _{0r}	2 890	1 500	0.29	0.29
C _r	14 000	7 850	0.16	0.16
C _{0r}	3 150	1 770	0.40	0.40
C _r	19 500	11 300	0.61	0.61
C _{0r}	4 400	2 540	0.59	0.59
C _r	25 700	15 300	0.38	0.38
C _{0r}	5 750	3 450	1.06	1.06
C _r	29 100	17 800	0.93	0.93
C _{0r}	6 550	4 000	0.81	0.81
C _r	29 100	17 800	0.69	0.69
C _{0r}	6 550	4 000	1.15	1.15
C _r	29 100	17 800	1.06	1.06
C _{0r}	6 550	4 000	1.06	1.06

AS2

Ball bearings Set screw type



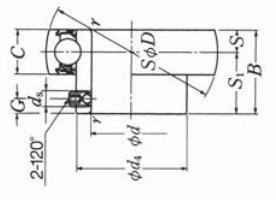
Shaft dia. mm inch	Bearing (°) number	Nominal dimensions									
		d	D	B	C	r min.	S mm	S ₁ inch	G	d _s	d ₄
45	AS209	45	85	40	19	1.5	9.5	30.5	8	M8×1	57.5
1 ⁵ / ₁₆	AS209-110	1.6250									
1 ¹ / ₁₆	AS209-111	1.6875	3.3465	1.5748	0.7480	0.059	0.374	1.201	0.315	5/16-24UNF	2.2638
1 ³ / ₄	AS209-112	1.7500									
50	AS210	50	90	42	20	1.5	10	32	9	M8×1	62.4
1 ³ / ₁₆	AS210-113	1.8125									
1 ¹ / ₁₆	AS210-114	1.8750	3.5433	1.6535	0.7874	0.059	0.394	1.260	0.354	5/16-24UNF	2.4567
1 ⁵ / ₁₆	AS210-115	1.9375									
2	AS210-200	2.0000									

Note (°) If relubricatable type is needed, please order with "D1".

Basic load ratings	Mass	
	N lbf	kg lb
dynamic C _r	32 500	0.55
static C _{0r}	20 400	1.39
	7 350	1.32
	4 600	1.23
	35 000	0.65
	23 200	1.65
	7 900	1.57
	5 200	1.48
		1.39

AR2

Ball bearings Set screw type



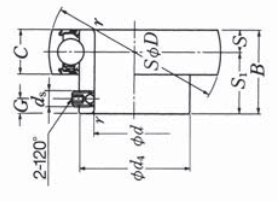
Shaft dia. mm inch	Bearing (°) number	Nominal dimensions									
		d	D	B	C	r	S	S ₁	G	d ₅	d ₄
12	AR201	12	40	22.5	13	0.6	6.5	16	5	M6x0.75	24.4
1/2	AR201-008	0.5000	1.5748	0.8858	0.5118	0.024	0.256	0.630	0.197	1/4-28UNF	0.9606
15	AR202	15	40	22.5	13	0.6	6.5	16	5	M6x0.75	24.4
9/16	AR202-009	0.5625	1.5748	0.8858	0.5118	0.024	0.256	0.630	0.197	1/4-28UNF	0.9606
5/8	AR202-010	0.6250	1.5748	0.8858	0.5118	0.024	0.256	0.630	0.197	1/4-28UNF	0.9606
17	AR203	17	40	22.5	13	0.6	6.5	16	5	M6x0.75	24.4
11/16	AR203-011	0.6675	1.5748	0.8858	0.5118	0.024	0.256	0.630	0.197	1/4-28UNF	0.9606
20	AR204	20	47	25.5	15	1	7.5	18	5	M6x0.75	29.6
3/4	AR204-012	0.7500	1.8504	1.0039	0.5906	0.039	0.295	0.709	0.197	1/4-28UNF	1.1654
25	AR205	25	52	27	15	1	7.5	19.5	5	M6x0.75	33.9
13/16	AR205-013	0.8125									
7/8	AR205-014	0.8750	2.0472	1.0630	0.5906	0.039	0.295	0.768	0.197	1/4-28UNF	1.3346
15/16	AR205-015	0.9375									
1	AR205-100	1.0000									
30	AR206	30	62	30	18	1	9	21	5	M6x0.75	40.8
1 1/16	AR206-101	1.0625									
1 1/8	AR206-102	1.1250	2.4409	1.1811	0.7087	0.039	0.354	0.827	0.197	1/4-28UNF	1.6063
1 3/16	AR206-103	1.1875									
1 1/4	AR206-104	1.2500									
35	AR207	35	72	35	19	1.5	9.5	25.5	6	M6x0.75	46.8
1 1/4	AR207-104	1.2500									
1 5/16	AR207-105	1.3125	2.8346	1.3780	0.7480	0.059	0.374	1.004	0.236	1/4-28UNF	1.8425
1 3/8	AR207-106	1.3750									
1 1/2	AR207-107	1.4375									
40	AR208	40	80	40	22	1.5	11.0	29	8	M8x1	53
1 1/2	AR208-108	1.5000	3.1496	1.5748	0.8661	0.059	0.433	1.142	0.315	5/16-24UNF	2.0866
1 9/16	AR208-109	1.5625									

Note (°) If relubricatable type is needed, please order with suffix "D1".

Basic load ratings	Mass	
	N lbf	kg lb
dynamic	9 600	4 600
static	2 160	1 030
C _r	9 600	4 600
C _{0r}	2 160	1 030
	9 600	4 600
	2 160	1 030
	12 800	6 650
	2 890	1 500
	14 000	7 850
		0.17
		0.44
		0.42
		0.40
		0.37
	19 500	11 300
		0.26
		0.63
		0.61
		0.59
		0.57
	25 700	15 300
		0.39
		1.10
		0.97
		0.85
		0.73
	29 100	17 800
		0.54
		1.24
		4 000
		1.15

AR2

Ball bearings Set screw type



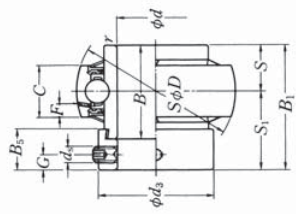
Shaft dia. mm inch	Bearing (*) number	Nominal dimensions									
		d	D	B	C	r mm min.	S	S ₁	G	d _s	d ₄
45	AR209	45	85	41.5	22	1.5	11	30.5	8	M8x1	57.5
1 5/8	AR209-110	1.6250									
1 11/16	AR209-111	1.6875	3.3465	1.6339	0.8661	0.059	0.433	1.201	0.315	5/16-24UNF	2.2638
1 3/4	AR209-112	1.7500									
50	AR210	80	90	43	22	1.5	11	32	9	M8x1	62.4
1 13/16	AR210-113	1.8125									
1 7/8	AR210-114	1.8750	3.5433	1.6929	0.8661	0.059	0.433	1.260	0.354	5/16-24UNF	2.4567
1 9/16	AR210-115	1.9375									
2	AR210-200	2.0000									

Note (*) If relubricatable type is needed, please order with "D1".

Basic load ratings	Mass	
	N lbf	kg lb
dynamic C _r	32 500	20 400
static C _{0r}	7 350	4 600
	35 000	23 200
	1 76	1.76
	7 900	5 200
	1 59	1.59
	1 50	1.50

UEL2

Ball bearings Eccentric locking collar type



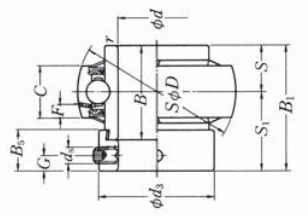
Shaft dia. mm inch	Bearing (°) number	Nominal dimensions										
		d	D	B ₁	B	C	r	S	S ₁	G	d _s	d ₃
20	UEL204D1W3	20	47	43.7	34.2	17	1	17.1	26.6	4.8	M6×0.75	33
3/4	UEL204-012D1W3	0.7500	1.8504	1.720	1.3465	0.6693	0.039	0.673	1.047	0.189	1/4-28UNF	1.299
25	UEL205D1W3	25	52	44.4	34.9	17	1	17.45	26.9	4.8	M6×0.75	38
13/16	UEL205-013D1W3	0.8125										
7/8	UEL205-014D1W3	0.8750										
15/16	UEL205-015D1W3	0.9375	2.0472	1.748	1.3740	0.6693	0.039	0.687	1.059	0.189	1/4-28UNF	1.496
1	UEL205-100D1W3	1.0000										
30	UEL206D1W3	30	62	48.4	36.5	19	1	18.25	30.1	6	M8×1	44.5
1 1/16	UEL206-101D1W3	1.0625										
1 1/8	UEL206-102D1W3	1.1250										
1 3/16	UEL206-103D1W3	1.1875	2.4409	1.906	1.4370	0.7480	0.039	0.719	1.185	0.236	5/16-24UNF	1.752
1 1/4	UEL206-104D1W3	1.2500										
35	UEL207D1W3	35	72	51.1	37.6	20	1.5	18.8	32.3	6.8	M10×1.25	55.5
1 1/4	UEL207-104D1W3	1.2500										
1 5/16	UEL207-105D1W3	1.3125										
1 3/8	UEL207-106D1W3	1.3750	2.8346	2.012	1.4803	0.7874	0.059	0.740	1.272	0.268	3/8-24UNF	2.185
1 7/16	UEL207-107D1W3	1.4375										
40	UEL208D1W3	40	80	56.3	42.8	21	1.5	21.4	34.9	6.8	M10×1.25	60
1 1/2	UEL208-108D1W3	1.5000										
1 9/16	UEL208-109D1W3	1.5625	3.1496	2.217	1.6850	0.8268	0.059	0.843	1.374	0.268	3/8-24UNF	2.362
45	UEL209D1W3	45	85	56.3	42.8	22	1.5	21.4	34.9	6.8	M10×1.25	63.5
1 5/8	UEL209-110D1W3	1.6250										
1 11/16	UEL209-111D1W3	1.6875	3.3465	2.217	1.6850	0.8661	0.059	0.843	1.374	0.268	3/8-24UNF	2.500
1 3/4	UEL209-112D1W3	1.7500										

Note (°) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Nominal dimensions mm inch	Basic load ratings N lbf	Mass kg lb
B ₅ F		
13.5 4.7	12 800	0.23
0.531 0.185	2 890	0.45
13.5 4.5	14 000	0.27
		0.61
		0.58
0.531 0.177	3 150	0.55
		0.51
15.9 4.6	19 500	0.45
		0.94
		0.89
0.626 0.181	4 400	0.84
		0.80
17.5 4.6	25 700	0.60
		1.45
		1.40
0.689 0.181	5 750	1.35
		1.28
18.3 4.5	29 100	0.78
		1.90
0.720 0.177	6 550	1.82
		0.80
18.3 4.9	32 500	2.05
		1.97
0.720 0.193	7 350	1.88

UEL2

Ball bearings Eccentric locking collar type

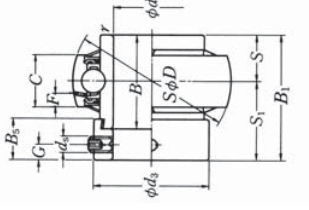


Shaft dia. mm inch	Bearing (°) number	Nominal dimensions												Basic load ratings			Mass	
		d	D	B ₁	B	C	r	S	S ₁	G	d _s	d ₃	N lbr dynamic C _r	static C _{0r}	kg	lb		
50	UEL210D1W3	50	90	62.7	49.2	24	1.5	24.6	38.1	6.8	M10x1.25	69.5	35 000	23 200	0.96	2.46		
1 ³ / ₁₆	UEL210-113D1W3	1.8125																
1 ¹ / ₈	UEL210-114D1W3	1.8750																
1 ¹⁵ / ₁₆	UEL210-115D1W3	1.9375	3.5433	2.469	1.9370	0.9449	0.059	0.969	1.500	0.268	³ / ₈ -24UNF	2.736	7 900	5 200	2.25	2.09		
2	UEL210-200D1W3	2.0000																
55	UEL211D1W3	55	100	71.4	55.5	25	2	27.75	43.6	8	M10x1.25	76	43 500	29 200	1.32	3.28		
2	UEL211-200D1W3	2.0000																
2 ¹ / ₁₆	UEL211-201D1W3	2.0625																
2 ¹ / ₈	UEL211-202D1W3	2.1250	3.9370	2.811	2.1850	0.9843	0.079	1.093	1.717	0.315	³ / ₈ -24UNF	2.992	9 750	6 550	3.12	3.02		
2 ³ / ₁₆	UEL211-203D1W3	2.1875																
60	UEL212D1W3	60	110	77.8	61.9	27	2	30.95	46.8	8	M10x1.25	84	52 500	36 000	1.79	4.38		
2 ¹ / ₄	UEL212-204D1W3	2.2500																
2 ⁵ / ₁₆	UEL212-205D1W3	2.3125																
2 ³ / ₈	UEL212-206D1W3	2.3750	4.3307	3.063	2.4370	1.0630	0.079	1.219	1.843	0.315	³ / ₈ -24UNF	3.307	11 800	8 150	4.22	4.05		
2 ⁷ / ₁₆	UEL212-207D1W3	2.4375																
65	UEL213D1W3	65	120	85.7	68.3	32	2	34.15	51.55	8.7	M10x1.25	97	57 500	40 000	2.54	5.47		
2 ¹ / ₂	UEL213-208D1W3	2.5000	4.7244	3.374	2.6890	1.2598	0.079	1.344	2.030	0.343	³ / ₈ -24UNF	3.819	12 900	9 000	5.30	5.30		
2 ⁹ / ₁₆	UEL213-209D1W3	2.5625																
70	UEL214D1W3	70	125	85.7	68.3	33	2	34.15	51.55	8.7	M10x1.25	97	62 000	44 000	2.47	5.67		
2 ⁵ / ₈	UEL214-210D1W3	2.6250																
2 ¹¹ / ₁₆	UEL214-211D1W3	2.6875	4.9213	3.374	2.6890	1.2992	0.079	1.344	2.030	0.343	³ / ₈ -24UNF	3.819	14 000	9 900	5.45	5.45		
2 ³ / ₄	UEL214-212D1W3	2.7500																
75	UEL215D1W3	75	130	92	74.6	34	2	37.3	54.7	8.7	M10x1.25	102	66 000	49 500	2.68	6.39		
2 ⁹ / ₁₆	UEL215-213D1W3	2.8125																
2 ⁷ / ₈	UEL215-214D1W3	2.8750																
2 ¹⁵ / ₁₆	UEL215-215D1W3	2.9375	5.1181	3.622	2.9370	1.3386	0.079	1.469	2.154	0.343	³ / ₈ -24UNF	4.016	14 900	11 100	5.91	5.91		
3	UEL215-300D1W3	3.0000																

Note (°) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

UEL3

Ball bearings Eccentric locking collar type



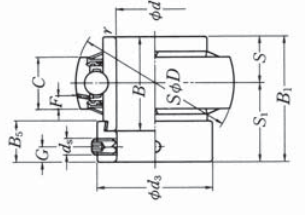
Shaft dia. mm inch	Bearing (°) number	Nominal dimensions												
		d	D	B ₁	B	C	r	S	S ₁	G	d _s	d _n	d ₃	
25	UEL305D1W3	25	62	46.8	34.9	20	1.5	16.7	30.1	6	M8x1	42.8		
¹³ / ₁₆	UEL305-013D1W3	0.8125												
⁷ / ₈	UEL305-014D1W3	0.8750												
¹⁵ / ₁₆	UEL305-015D1W3	0.9375	2.4409	1.843	1.3740	0.7874	0.059	0.657	1.185	0.236	⁵ / ₁₆ -24UNF	1.685		
1	UEL305-100D1W3	1.0000												
30	UEL306D1W3	30	72	50	36.5	23	1.5	17.5	32.5	6.7	M8x1	50		
¹ / ₁₆	UEL306-101D1W3	1.0625												
¹ / ₈	UEL306-102D1W3	1.1250	2.8346	1.969	1.4370	0.9055	0.059	0.689	1.280	0.264	⁵ / ₁₆ -24UNF	1.969		
¹ / ₁₆	UEL306-103D1W3	1.1875												
35	UEL307D1W3	35	80	51.6	38.1	25	2	18.3	33.3	6.7	M8x1	55		
¹ / ₄	UEL307-104D1W3	1.2500												
¹ / ₁₆	UEL307-105D1W3	1.3125	3.1496	2.081	1.5000	0.9843	0.079	0.720	1.311	0.264	⁵ / ₁₆ -24UNF	2.165		
¹ / ₈	UEL307-106D1W3	1.3750												
¹ / ₁₆	UEL307-107D1W3	1.4375												
40	UEL308D1W3	40	90	57.1	41.3	27	2	19.8	37.3	8	M10x1.25	63.5		
¹ / ₂	UEL308-108D1W3	1.5000	3.5433	2.248	1.6260	1.0630	0.079	0.780	1.469	0.315	³ / ₁₆ -24UNF	2.500		
¹ / ₁₆	UEL308-109D1W3	1.5625												
45	UEL309D1W3	45	100	58.7	42.9	29	2	19.8	38.9	8	M10x1.25	70		
¹ / ₈	UEL309-110D1W3	1.6250												
¹ / ₁₆	UEL309-111D1W3	1.6875	3.9370	2.311	1.6890	1.1417	0.079	0.780	1.531	0.315	³ / ₁₆ -24UNF	2.756		
¹ / ₄	UEL309-112D1W3	1.7500												
50	UEL310D1W3	50	110	66.6	49.2	32	2.5	24.6	42	8.7	M10x1.25	76.2		
¹ / ₁₆	UEL310-113D1W3	1.8125												
¹ / ₈	UEL310-114D1W3	1.8750	4.3307	2.622	1.9370	1.2598	0.098	0.969	1.654	0.343	³ / ₁₆ -24UNF	3.000		
¹ / ₁₆	UEL310-115D1W3	1.9375												

Note (°) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Nominal dimensions mm inch	Basic load ratings		Mass kg lb
	N lbf	static C _{st}	
B ₅ F	dynamic C _r	static C _{st}	
15.9 5.0	21 200	10 900	0.43
			1.09
0.626 0.197	4 750	2 460	1.05
			1.01
			0.96
17.5 5.9	26 700	15 000	0.69
			1.57
0.689 0.232	6 000	3 400	1.51
			1.45
17.5 6.8	33 500	19 100	0.78
			1.92
0.689 0.268	7 500	4 300	1.84
			1.77
			1.69
20.6 7.4	40 500	24 000	1.08
			2.58
0.811 0.291	9 150	5 400	2.49
20.6 7.4	53 000	32 000	1.40
			3.36
0.811 0.291	11 900	7 200	3.26
			3.15
22.2 8.1	62 000	38 500	1.84
			4.40
0.874 0.319	13 900	8 600	4.29
			4.15

UEL3

Ball bearings Eccentric locking collar type



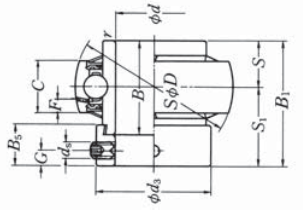
Shaft dia. mm inch	Bearing (°) number	Nominal dimensions										
		d	D	B ₁	B	C	r	S	S ₁	G	d _n	d ₃
55	UEL311D1W3	55	120	73	55.6	34	2.5	27.8	45.2	8.7	M10x1.25	83
2	UEL311-200D1W3	2.0000										
2 1/16	UEL311-201D1W3	2.0625	4.7244	2.874	2.1890	1.3386	0.098	1.094	1.780	0.343	3/8-24UNF	3.268
2 1/8	UEL311-202D1W3	2.1250										
2 3/16	UEL311-203D1W3	2.1875										
60	UEL312D1W3	60	130	79.4	61.9	36	2.5	30.95	48.45	8.7	M10x1.25	89
2 1/4	UEL312-204D1W3	2.2500										
2 5/16	UEL312-205D1W3	2.3125	5.1181	3.126	2.4370	1.1473	0.098	1.219	1.907	0.343	3/8-24UNF	3.504
2 3/8	UEL312-206D1W3	2.3750										
2 7/16	UEL312-207D1W3	2.4375										
65	UEL313D1W3	65	140	85.7	65.1	39	2.5	32.55	53.15	10.3	M12x1.5	97
2 1/2	UEL313-208D1W3	2.5000	5.5118	3.374	2.5630	1.5354	0.098	1.281	2.093	0.406	1/2-20UNF	3.819
2 9/16	UEL313-209D1W3	2.5625										
70	UEL314D1W3	70	150	92.1	68.3	41	2.5	34.15	57.95	10.3	M12x1.5	102
2 5/8	UEL314-210D1W3	2.6250										
2 11/16	UEL314-211D1W3	2.6875	5.9055	3.626	2.6890	1.6142	0.098	1.344	2.281	0.406	1/2-20UNF	4.016
2 3/4	UEL314-212D1W3	2.7500										
75	UEL315D1W3	75	160	100	74.6	43	2.5	37.3	62.7	12.7	M16x1.5	113
2 3/8	UEL315-213D1W3	2.8125										
2 7/8	UEL315-214D1W3	2.8750	6.2992	3.937	2.9370	1.6929	0.098	1.469	2.469	0.500	5/8-18UNF	4.449
2 15/16	UEL315-215D1W3	2.9375										
3	UEL315-300D1W3	3.0000										
80	UEL316D1W3	80	170	106.4	81	45	2.5	40.5	65.9	12.7	M16x1.5	119
3 1/16	UEL316-301D1W3	3.0625										
3 1/8	UEL316-302D1W3	3.1250	6.6929	4.189	3.1890	1.7717	0.098	1.594	2.594	0.500	5/8-18UNF	4.685
3 3/16	UEL316-303D1W3	3.1875										

Note (°) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Nominal dimensions mm inch	Basic load ratings		Mass kg lb
	N lbf	static C _{0r}	
B ₅ F	dynamic C _r	static C _{0r}	
22.2 8.5	71 500	45 000	2.36 5.58 5.39 5.25 5.08
0.874 0.335	16 100	10 100	
23.9 9.0	82 000	52 000	2.94 6.80 6.65 6.48 6.19
0.941 0.354	18 400	11 700	
27 10.1	92 500	60 000	3.67 8.49 8.27
1.063 0.398	20 800	13 400	
30.2 10.5	104 000	68 000	4.40 10.4 10.2 9.96
1.189 0.413	23 400	15 300	
31.8 11.0	113 000	77 000	5.34 13.2 12.9 12.7 12.5
1.252 0.433	25 500	17 400	
31.8 11.4	123 000	86 500	6.70 14.9 14.8 14.6
1.252 0.449	27 600	19 500	

UEL3

Ball bearings Eccentric locking collar type



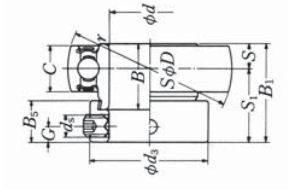
Shaft dia. mm inch	Bearing (°) number	Nominal dimensions												
		d	D	B ₁	B	C	r	S	S ₁	G	d ₅	d ₃		
85	UEL317D1W3	85	180	109.5	84.1	47	3	42.05	67.45	12.7	M16x1.5	127		
3 3/4	UEL317-304D1W3	3.2500												
3 5/16	UEL317-305D1W3	3.3125	7.0866	4.311	3.3110	1.8504	0.118	1.656	2.656	0.500	5/16-18UNF	5.000		
3 7/16	UEL317-307D1W3	3.4375												
90	UEL318D1W3	90	190	115.9	87.3	49	3	43.65	72.25	14.3	M20x1.5	133		
3 7/16	UEL318-307D1W3	3.4375	7.4803	4.563	3.4370	1.9291	0.118	1.719	2.844	0.563	3/4-16UNF	5.236		
3 1/2	UEL318-308D1W3	3.5000												
95	UEL319D1W3	95	200	122.3	93.7	51	3	38.9	83.4	14.3	M20x1.5	140		
3 5/8	UEL319-310D1W3	3.6250												
3 11/16	UEL319-311D1W3	3.6875	7.8740	4.815	3.6890	2.0079	0.118	1.531	3.283	0.563	3/4-16UNF	5.512		
3 3/4	UEL319-312D1W3	3.7500												
100	UEL320D1W3	100	215	128.6	100	55	3	50	78.6	14.3	M20x1.5	146		
3 5/8	UEL320-313D1W3	3.8125												
3 7/8	UEL320-314D1W3	3.8750	8.4646	5.063	3.9370	2.1654	0.118	1.969	3.094	0.563	3/4-16UNF	5.748		
3 5/8	UEL320-315D1W3	3.9375												
4	UEL320-400D1W3	4.0000												
105	UEL321D1W3	105	225	139.7	104.8	57	3	48.4	91.3	17.5	M20x1.5	157		
110	UEL322D1W3	110	240	141.3	106.4	59	3	49.2	92.1	17.5	M20x1.5	168		

Note (°) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Nominal dimensions mm inch	Basic load ratings		Mass kg lb
	N dynamic C _r	lbf static C _{0r}	
B ₅ F			
31.8 12.0	133 000	97 000	8.00
			18.0
1.252 0.472	29 800	21 800	17.7
			17.0
36.5 12.3	143 000	107 000	9.10
			20.7
1.437 0.484	32 000	24 100	20.2
			10.4
36.5 12.8	153 000	119 000	23.4
			23.0
1.437 0.504	34 500	26 600	22.6
			13.0
36.5 13.5	173 000	141 000	28.5
			28.0
1.437 0.531	39 000	31 500	27.6
			27.0
42.8 13.9	184 000	153 000	14.6
42.8 13.9	205 000	179 000	17.2

AEL2

Ball bearings Eccentric locking collar type



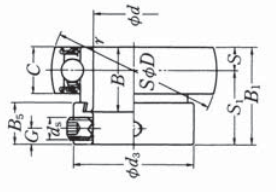
Shaft dia. mm inch	Bearing number	Nominal dimensions										
		d	D	B ₁	B	C	r	S	S ₁	G	d _s	d ₃
12	AEL201W3	12	40	28.6	19	12	0.6	6.5	22.1	4.8	M6x0.75	29
1/2	AEL201-008W3	0.5000	1.5748	1.126	0.7480	0.4724	0.024	0.256	0.870	0.189	1/4-28UNF	1.142
15	AEL202W3	15	40	28.6	19	12	0.6	6.5	22.1	4.8	M6x0.75	29
9/16	AEL202-009W3	0.5625	1.5748	1.126	0.7480	0.4724	0.024	0.256	0.870	0.189	1/4-28UNF	1.142
5/8	AEL202-010W3	0.6250										
17	AEL203W3	17	40	28.6	19	12	0.6	6.5	22.1	4.8	M6x0.75	29
11/16	AEL203-011W3	0.6875	1.5748	1.126	0.7480	0.4724	0.024	0.256	0.870	0.189	1/4-28UNF	1.142
20	AEL204W3	20	47	31	21.5	14	1	7.5	23.5	4.8	M6x0.75	33
3/4	AEL204-012W3	0.7500	1.8504	1.220	0.8465	0.5512	0.039	0.295	0.925	0.189	1/4-28UNF	1.299
25	AEL205W3	25	52	31	21.5	15	1	7.5	23.5	4.8	M6x0.75	38
13/16	AEL205-013W3	0.8125										
7/8	AEL205-014W3	0.8750										
15/16	AEL205-015W3	0.9375	2.0472	1.220	0.8465	0.5906	0.039	0.295	0.925	0.189	1/4-28UNF	1.496
1	AEL205-100W3	1.0000										
30	AEL206W3	30	62	35.7	23.8	16	1	9	26.7	6	M8x1	44.5
1 1/16	AEL206-101W3	1.0625										
1 1/8	AEL206-102W3	1.1250										
1 3/8	AEL206-103W3	1.1875	2.4409	1.406	0.9370	0.6299	0.039	0.354	1.051	0.236	5/16-24UNF	1.752
1 1/4	AEL206-104W3	1.2500										
35	AEL207W3	35	72	38.9	25.4	17	1.5	9.5	29.4	6.8	M10x1.25	55.5
1 1/4	AEL207-104W3	1.2500										
1 5/16	AEL207-105W3	1.3125										
1 3/8	AEL207-106W3	1.3750	2.8346	1.531	1.0000	0.6693	0.059	0.374	1.157	0.268	3/8-24UNF	2.185
1 1/2	AEL207-107W3	1.4375										
40	AEL208W3	40	80	43.7	30.2	18	1.5	11	32.7	6.8	M10x1.25	60
1 1/2	AEL208-108W3	1.5000										
1 5/8	AEL208-109W3	1.5625	3.1496	1.720	1.1890	0.7087	0.059	0.433	1.287	0.268	3/8-24UNF	2.362

Note (°) If relubricatable type is needed, please order with suffix "D1".

Nominal dimensions mm inch	Basic load ratings N lbf	Mass kg lb	
			dynamic C _r
B ₅			
13.6	9 600	4 600	0.12
0.535	2 160	1 030	0.26
13.6	9 600	4 600	0.11
0.535	2 160	1 030	0.24
13.6	9 600	4 600	0.10
0.535	2 160	1 030	0.23
13.5	12 800	6 650	0.17
0.531	2 890	1 500	0.35
13.5	14 000	7 850	0.22
			0.51
			0.48
0.531	3 150	1 770	0.45
			0.42
15.9	19 500	11 300	0.31
			0.74
			0.73
0.626	4 400	2 540	0.66
			0.61
17.5	25 700	15 300	0.50
			1.15
			1.10
0.689	5 750	3 450	1.04
			0.98
18.3	29 100	17 800	0.66
			1.41
0.720	6 550	4 000	1.34

JEL2

Ball bearings Eccentric locking collar type



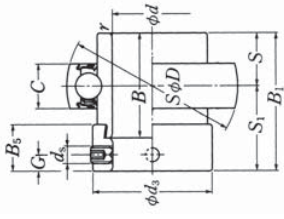
Shaft dia. mm inch	Bearing number	Nominal dimensions										
		d	D	B ₁	B	C	r	S	S ₁	G	d _s	d ₃
12	JEL201W3	12	40	28.6	19	13	0.6	6.5	22.1	4.8	M6x0.75	29
1/2	JEL201-008W3	0.5000	1.5748	1.126	0.7480	0.5118	0.024	0.256	0.870	0.189	1/4-28UNF	1.142
15	JEL202W3	15	40	28.6	19	13	0.6	6.5	22.1	4.8	M6x0.75	29
9/16	JEL202-009W3	0.5625	1.5748	1.126	0.7480	0.5118	0.024	0.256	0.870	0.189	1/4-28UNF	1.142
5/8	JEL202-010W3	0.6250										
17	JEL203W3	17	40	28.6	19	13	0.6	6.5	22.1	4.8	M6x0.75	29
11/16	JEL203-011W3	0.6875	1.5748	1.126	0.7480	0.5118	0.024	0.256	0.870	0.189	1/4-28UNF	1.142
20	JEL204W3	20	47	31	21.5	15	1	7.5	23.5	4.8	M6x0.75	33
3/4	JEL204-012W3	0.7500	1.8504	1.220	0.8465	0.5906	0.039	0.295	0.925	0.189	1/4-28UNF	1.299
25	JEL205W3	25	52	31	21.5	15	1	7.5	23.5	4.8	M6x0.75	38
13/16	JEL205-013W3	0.8125										
7/8	JEL205-014W3	0.8750										
15/16	JEL205-015W3	0.9375	2.0472	1.220	0.8465	0.5906	0.039	0.295	0.925	0.189	1/4-28UNF	1.496
1	JEL205-100W3	1.0000										
30	JEL206W3	30	62	35.7	23.8	18	1	9	26.7	6	M8x1	44.5
1 1/16	JEL206-101W3	1.0625										
1 1/8	JEL206-102W3	1.1250										
1 3/8	JEL206-103W3	1.1875	2.4409	1.406	0.9370	0.7087	0.039	0.354	1.051	0.236	5/16-24UNF	1.752
1 1/4	JEL206-104W3	1.2500										
35	JEL207W3	35	72	38.9	25.4	19	1.5	9.5	29.4	6.8	M10x1.25	55.5
1 1/4	JEL207-104W3	1.2500										
1 5/16	JEL207-105W3	1.3125										
1 3/8	JEL207-106W3	1.3750	2.8346	1.531	1.0000	0.7480	0.059	0.374	1.157	0.268	3/8-24UNF	2.185
1 7/16	JEL207-107W3	1.4375										
40	JEL208W3	40	80	43.7	30.2	22	1.5	11	32.7	6.8	M10x1.25	60
1 1/2	JEL208-108W3	1.5000	3.1496	1.720	1.1890	0.8661	0.059	0.433	1.287	0.268	3/8-24UNF	2.362
1 5/16	JEL208-109W3	1.5625										

Note (°) If relubricatable type is needed, please order with suffix "D1".

Nominal dimensions mm inch	Basic load ratings N lbf	Mass kg lb
13.6	9 600	0.12
0.535	2 160	0.25
13.6	9 600	0.10
0.535	2 160	0.24
13.6	9 600	0.09
0.535	2 160	0.20
13.5	12 800	0.16
0.531	2 890	0.37
13.5	14 000	0.19
		0.50
0.531	3 150	0.47
		0.44
		0.41
15.9	19 500	0.33
		0.78
0.626	4 400	0.73
		0.69
0.626	2 540	0.64
17.5	25 700	0.50
		1.22
0.689	5 750	1.16
		1.11
18.3	29 100	0.65
		1.53
0.720	6 550	1.46
		1.46

REL2

Ball bearings Eccentric locking collar type



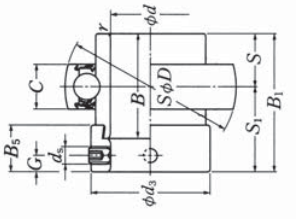
Shaft dia. mm inch	Bearing (°) number	Nominal dimensions											
		d	D	B ₁	B	C	r	S	S ₁	G	d ₄	d ₅	
20 ¾	REL204W3	20	47	43.7	34.2	15	1	17.1	26.6	4.8	M6×0.75	33.0	
	REL204-012W3	0.7500	1.8504	1.720	1.3465	0.5906	0.039	0.673	1.047	0.189	¼-28UNF	1.299	
25 13/16	REL205W3	25	52	44.4	34.9	15	1	17.45	26.9	4.8	M6×0.75	38.0	
	REL205-013W3	0.8125											
7/8	REL205-014W3	0.8750	2.0472	1.748	1.3740	0.5906	0.039	0.687	1.059	0.189	¼-28UNF	1.496	
15/16	REL205-015W3	0.9375											
1	REL205-100W3	1.0000											
30	REL206W3	30	62	48.4	36.5	18	1	18.25	30.1	6	M8×1	44.5	
1 1/16	REL206-101W3	1.0625											
1 1/8	REL206-102W3	1.1250	2.4409	1.906	1.4370	0.7087	0.039	0.719	1.185	0.236	5/16-24UNF	1.752	
1 3/16	REL206-103W3	1.1875											
1 1/4	REL206-104W3	1.2500											
35	REL207W3	35	72	51.1	37.6	19	1.5	18.8	32.3	6.8	M10×1.25	55.5	
1 1/4	REL207-104W3	1.2500											
1 5/16	REL207-105W3	1.3125	2.8346	2.012	1.4803	0.7480	0.059	0.740	1.272	0.268	3/8-24UNF	2.185	
1 3/8	REL207-106W3	1.3750											
1 7/16	REL207-107W3	1.4375											
40	REL208W3	40	80	56.3	42.8	22	1.5	21.4	34.9	6.8	M10×1.25	60.0	
1 1/2	REL208-108W3	1.5000	3.1496	2.217	1.6850	0.8661	0.059	0.843	1.374	0.268	3/8-24UNF	2.362	
1 9/16	REL208-109W3	1.5625											
45	REL209W3	45	85	56.3	42.8	22	1.5	21.4	34.9	6.8	M10×1.25	63.5	
1 5/8	REL209-110W3	1.6250	1.6875	3.3465	2.217	1.6850	0.8661	0.059	0.843	1.374	0.268	3/8-24UNF	2.500
1 11/16	REL209-111W3	1.6875											
1 3/4	REL209-112W3	1.7500											

Note (°) If relubricatable type is needed, please order with suffix "D1".

Nominal dimensions mm inch	Basic load ratings N lbf	Mass kg lb
B ₅		
13.5	12 800	0.22
0.531	2 890	0.43
13.5	14 000	0.26
		0.59
0.531	3 150	0.56
		0.53
		0.49
15.9	19 500	0.39
		0.92
0.626	4 400	0.87
		0.82
		0.78
17.5	25 700	0.59
		1.41
0.689	5 750	1.36
		1.31
		1.24
18.3	29 100	0.76
0.720	6 550	1.88
		1.80
18.3	32 500	0.78
0.720	7 350	2.01
		1.93
		1.84

REL2

Ball bearings Eccentric locking collar type



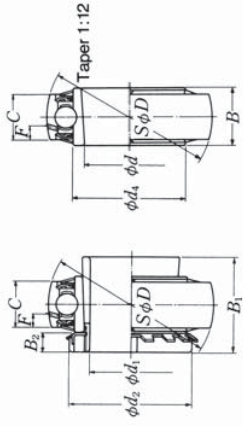
Shaft dia. mm inch	Bearing (°) number	Nominal dimensions										
		d	D	B ₁	B	C	r	S	S ₁	G	d _s	d ₃
50	REL210W3	50	90	62.7	49.2	22	1.5	24.6	38.1	6.8	M10x1.25	69.5
1 ⁵ / ₁₆	REL210-113W3	1.8125										
1 ¹ / ₈	REL210-114W3	1.8750										
1 ⁵ / ₁₆	REL210-115W3	1.9375	3.5433	2.469	1.9370	0.8661	0.059	0.969	1.500	0.268	³ / ₈ 24UNF	2.736
2	REL210-200W3	2.0000										
55	REL211W3	55	100	71.4	55.5	24	2	27.75	43.6	8	M10x1.25	76
2	REL211-200W3	2.0000										
2 ¹ / ₁₆	REL211-201W3	2.0625	3.9370	2.811	2.1850	0.9449	0.079	1.093	1.717	0.315	³ / ₈ 24UNF	2.992
2 ¹ / ₈	REL211-202W3	2.1250										
2 ³ / ₁₆	REL211-203W3	2.1875										
60	REL212W3	60	110	77.8	61.9	27	2	30.95	46.8	8	M10x1.25	84
2 ¹ / ₄	REL212-204W3	2.2500										
2 ⁵ / ₁₆	REL212-205W3	2.3125										
2 ³ / ₈	REL212-206W3	2.3750	4.3307	3.063	2.4370	1.0630	0.079	1.219	1.843	0.315	³ / ₈ 24UNF	3.307
2 ⁷ / ₁₆	REL212-207W3	2.4375										

Note (°) If relubricatable type is needed, please order with suffix "D1".

Nominal dimensions mm inch	Basic load ratings N lbf	Mass kg lb
18.3	35 000	0.96
	7 900	2.42
0.720	5 200	2.32
	2 210	2.21
20.7	43 500	2.05
	29 200	1.28
	3 210	3.21
0.815	9 750	3.05
	6 550	2.95
22.3	52 500	2.83
	36 000	1.83
	4 229	4.29
0.878	11 800	4.13
	8 150	3.96
	3 790	3.79

UK2

Ball bearings Adapter type



UK2...D1;H, HA, HE, HS UK2...D1

Shaft dia. mm inch	Bearing (1)(2)(3) number	Nominal dimensions													
		d	D	B	C	d ₁	d ₂	B ₁	B ₂	d ₂	F				
20	UK205D1;HZ305X	25	52	23	17	33.9	20	35	8	38	4.5				
3/4	UK205D1;HE2305	0.9843	2.0472	0.9055	0.6693	1.335	3/4	1.378	0.315	1.496	0.177				
25	UK206D1;HZ306X	30	62	26	19	40.8	25	38	8	45	4.6				
7/8	UK206D1;HS2306	1.1811	2.4409	1.0236	0.7480	1.606	7/8	1.496	0.315	1.772	0.181				
1	UK206D1;HE2306X						1								
30	UK207D1;HZ307X	35	72	29	20	46.8	30	43	9	52	4.6				
1 1/8	UK207D1;HS2307	1.3780	2.8346	1.1417	0.7874	1.843	1 1/8	1.693	0.354	2.047	0.181				
35	UK208D1;HZ308X	40	80	31	21	53	35	46	10	58	4.5				
1 1/4	UK208D1;HE2308X	1.5748	3.1496	1.2205	0.8268	2.087	1 1/4	1.811	0.394	2.283	0.177				
1 3/8	UK208D1;HS2308X						1 3/8								
40	UK209D1;HZ309X	45	85	31	22	57.5	40	50	11	65	4.9				
1 7/16	UK209D1;HA2309						1 7/16								
1 1/2	UK209D1;HE2309X	1.7717	3.3465	1.2205	0.8661	2.264	1 1/2	1.969	0.433	2.559	0.193				
1 5/8	UK209D1;HS2309X						1 5/8								
45	UK210D1;HZ310X	50	90	32	24	62.4	45	55	12	70	5.9				
1 5/8	UK210D1;HS2310						1 5/8								
1 9/16	UK210D1;HA2310	1.9685	3.5433	1.2598	0.9449	2.457	1 9/16	2.165	0.472	2.756	0.232				
1 3/4	UK210D1;HE2310X						1 3/4								
50	UK211D1;HZ311X	55	100	35	25	69	50	59	12	75	6.0				
1 7/8	UK211D1;HS2311						1 7/8								
1 5/8	UK211D1;HA2311	2.1654	3.9370	1.3780	0.9843	2.717	1 5/8	2.323	0.472	2.953	0.236				
2	UK211D1;HE2311XY						2								
55	UK212D1;HZ312X	60	110	38	27	77	55	62	13	80	6.2				
2 1/8	UK212D1;HS2312	2.3622	4.3307	1.4961	1.0630	3.031	2 1/8	2.441	0.512	3.150	0.244				

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

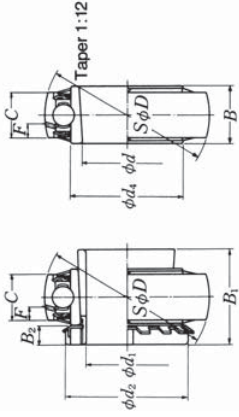
(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve. In this case the lock washer with the straight inner prong should be used.

(3) For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve. To distinguish it, a suffix "Y" is added.

Basic load ratings	Mass	
	N lbf	kg lb
dynamic		
C_1	14 000	7 850
static		
C_{0F}	3 150	1 770
	19 500	11 300
	4 400	2 540
	25 700	15 300
	5 750	3 450
	29 100	17 800
	6 550	4 000
	32 500	20 400
	7 350	4 600
	35 000	23 200
	7 900	5 200
	43 500	29 200
	9 750	6 550
	52 500	36 000
	11 800	8 150
	1.54	3.60

UK2

Ball bearings Adapter type



UK2--D1; H, HA, HE, HS UK2--D1

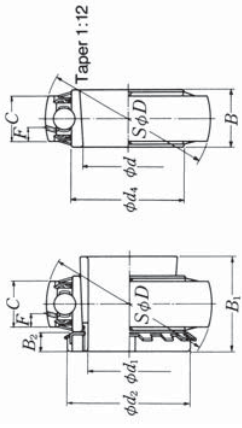
Shaft dia.	Bearing (1)(2) number	Nominal dimensions									
		mm					inch				
mm		d	D	B	C	d ₁	d ₂	B ₁	B ₂	d ₂	F
60	UK213D1;HE2313X	65	120	40	32	82.5	60	65	14	85	8.7
2 ³ / ₁₆	UK213D1;HA2313					2 ³ / ₁₆					
2 ⁷ / ₄	UK213D1;HE2313X	2.5591	4.7244	1.5748	1.2598	3.248	2 ⁷ / ₄	2.569	0.551	3.346	0.343
2 ³ / ₈	UK213D1;HS2313X					2 ³ / ₈					
65	UK215D1;HE2315X	75	130	44	34	93	65	73	15	98	9.0
2 ⁷ / ₁₆	UK215D1;HA2315					2 ⁷ / ₁₆					
2 ¹ / ₂	UK215D1;HE2315X	2.9528	5.1181	1.7323	1.3386	3.661	2 ¹ / ₂	2.874	0.591	3.858	0.354
70	UK216D1;HE2316X	80	140	45	35	98.1	70	78	17	105	9.5
2 ¹ / ₁₆	UK216D1;HA2316					2 ¹ / ₁₆					
2 ³ / ₄	UK216D1;HE2316X	3.1496	5.5118	1.7717	1.3780	3.862	2 ³ / ₄	3.071	0.669	4.134	0.374
75	UK217D1;HE2317X	85	150	46	36	106.4	75	82	18	110	10.1
2 ¹⁵ / ₁₆	UK217D1;HA2317X					2 ¹⁵ / ₁₆					
3	UK217D1;HE2317X	3.3465	5.9055	1.8110	1.4173	4.189	3	3.228	0.709	4.331	0.398
80	UK218D1;HE2318X	90	160	47	37	111.6	80	86	18	120	9.8
3 ³ / ₁₆	UK218D1;HA2318X					3 ³ / ₁₆					
		3.5433	6.2992	1.8504	1.4567	4.394	3 ³ / ₁₆	3.386	0.709	4.724	0.386

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.
In this case the lock washer with the straight inner prong should be used.

Basic load ratings	Mass	
	N lbf	kg lb
dynamic C _r	57 500	40 000
static C _{0r}	12 900	9 000
	66 000	49 500
	14 900	11 100
	72 500	53 000
	16 300	11 900
	83 500	64 000
	18 700	14 300
	96 000	71 500
	21 600	16 100

UK3

Ball bearings Adapter type



UK3--D1;H, HA, HE, HS UK3--D1

Shaft dia. mm inch	Bearing (1)(2)(3) number	Nominal dimensions												
		mm inch												
		d	D	B	C	d ₁	d ₂	B ₁	B ₂	d ₂	F			
20	UK305D1;HZ305X	25	62	26	20	36.8	20	35	8	38	5.0			
3/4	UK305D1;HE2305	0.9843	2.4409	1.0236	0.7874	1.449	3/4	1.378	0.315	1.496	0.197			
25	UK306D1;HZ306X	30	72	29	23	44.9	25	38	8	45	5.9			
7/8	UK306D1;HS2306	1.1811	2.8346	1.1417	0.9055	1.768	7/8	1.496	0.315	1.772	0.232			
1	UK306D1;HE2306X						1							
30	UK307D1;HZ307X	35	80	33	25	49.4	30	43	9	52	6.8			
1 1/8	UK307D1;HS2307	1.3780	3.1496	1.2992	0.9843	1.945	1 1/8	1.693	0.354	2.047	0.268			
35	UK308D1;HZ308X	40	90	34	27	56	35	46	10	58	7.4			
1 1/4	UK308D1;HE2308X	1.5748	3.5433	1.3386	1.0630	2.205	1 1/4	1.811	0.394	2.283	0.291			
1 3/8	UK308D1;HS2308X						1 3/8							
40	UK309D1;HZ309X	45	100	37	29	63.5	40	50	11	65	7.4			
1 7/16	UK309D1;HA2309						1 7/16							
1 1/2	UK309D1;HE2309X	1.7717	3.9370	1.4567	1.1417	2.500	1 1/2	1.969	0.433	2.559	0.291			
1 5/8	UK309D1;HS2309X						1 5/8							
45	UK310D1;HZ310X	50	110	41	32	70.6	45	55	12	70	8.1			
1 5/8	UK310D1;HS2310						1 5/8							
1 11/16	UK310D1;HA2310	1.9685	4.3307	1.6142	1.2598	2.780	1 11/16	2.165	0.472	2.756	0.319			
1 3/4	UK310D1;HE2310X						1 3/4							
50	UK311D1;HZ311X	55	120	44	34	76.6	50	59	12	75	8.5			
1 7/8	UK311D1;HS2311						1 7/8							
1 5/8	UK311D1;HA2311	2.1654	4.7244	1.7323	1.3386	3.016	1 5/8	2.323	0.472	2.953	0.335			
2	UK311D1;HE2311X						2							
55	UK312D1;HZ312X	60	130	47	36	82.7	55	62	13	80	9.0			
2 1/8	UK312D1;HS2312	2.3622	5.1181	1.8504	1.4173	3.256	2 1/8	2.441	0.512	3.150	0.354			

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

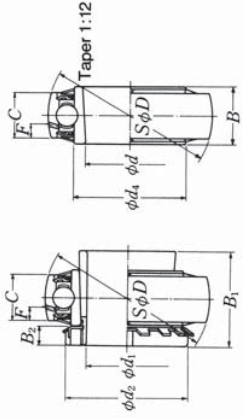
(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve. In this case the lock washer with the straight inner prong should be used.

(3) For HE2311X, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve. To distinguish it, a suffix "Y" is added.

Basic load ratings	Mass	
	N lbf	kg lb
dynamic C _r	static C _{0r}	
21 200	10 900	0.36
4 750	2 460	0.81
26 700	15 000	0.59
6 000	3 400	1.37
1.29		
33 500	19 100	0.75
7 500	4 300	1.70
40 500	24 000	1.00
2.38		
9 150	5 400	2.25
53 000	32 000	1.28
3.22		
11 900	7 200	3.14
2.97		
62 000	38 500	1.72
3.95		
13 900	8 600	3.85
3.74		
71 500	45 000	2.06
4.73		
16 100	10 100	4.60
5.67		
82 000	52 000	2.58
18 400	11 700	5.67

UK3

Ball bearings Adapter type



UK3--D1;H, HA, HE, HS UK3--D1

Shaft dia.	Bearing (1)(2) number	Nominal dimensions										
		mm inch										
mm inch		d	D	B	C	d ₁	d ₂	B ₁	B ₂	d ₂	F	
60	UK313D1;H2313X	65	140	49	39	88.2	60	65	14	85	10.1	
2 ³ / ₁₆	UK313D1;HA2313					2 ³ / ₁₆						
2 ¹ / ₄	UK313D1;HE2313X	2.5591	5.5118	1.9291	1.5354	3.472	2 ¹ / ₄	2.569	0.551	3.346	0.398	
2 ³ / ₈	UK313D1;HS2313X					2 ³ / ₈						
65	UK315D1;H2315X	75	160	55	43	101.3	65	73	15	98	11.0	
2 ¹ / ₁₆	UK315D1;HA2315					2 ¹ / ₁₆						
2 ¹ / ₂	UK315D1;HE2315X	2.9528	6.2992	2.1654	1.6929	3.988	2 ¹ / ₂	2.874	0.591	3.858	0.433	
70	UK316D1;H2316X	80	170	58	45	107.9	70	78	17	105	11.4	
2 ¹ / ₁₆	UK316D1;HA2316					2 ¹ / ₁₆						
2 ³ / ₄	UK316D1;HE2316X	3.1496	6.6929	2.2835	1.7717	4.248	2 ³ / ₄	3.071	0.669	4.134	0.449	
75	UK317D1;H2317X	85	180	60	47	114.4	75	82	18	110	12.0	
2 ⁵ / ₁₆	UK317D1;HA2317X					2 ⁵ / ₁₆						
3	UK317D1;HE2317X	3.3465	7.0866	2.3622	1.8504	4.504	3	3.228	0.709	4.331	0.472	
80	UK318D1;H2318X	90	190	64	49	120.9	80	86	18	120	12.3	
3 ³ / ₁₆	UK318D1;HA2318X					3 ³ / ₁₆						
85	UK319D1;H2319X	95	200	67	51	127.5	85	90	19	125	12.8	
3 ¹ / ₄	UK319D1;HE2319X	3.7402	7.8740	2.6378	2.0079	5.020	3 ¹ / ₄	3.543	0.748	4.921	0.504	
90	UK320D1;H2320X	100	215	73	55	135.6	90	97	20	130	13.5	
3 ⁷ / ₁₆	UK320D1;HA2320					3 ⁷ / ₁₆						
3 ¹ / ₂	UK320D1;HE2320X	3.9370	8.4646	2.8740	2.1654	5.339	3 ¹ / ₂	3.819	0.787	5.118	0.531	
100	UK322D1;H2322X	110	240	80	59	151.7	100	105	21	145	13.9	
110	UK324D1;H2324	120	260	86	63	165.2	110	112	22	155	16.0	
115	UK326D1;H2326	130	280	90	67	178.3	115	121	23	165	16.9	
125	UK328D1;H2328	140	300	95	71	190.4	125	131	24	180	17.7	

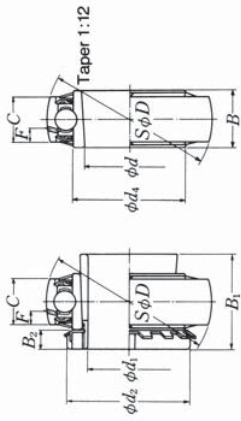
Notes (1) These numbers indicate re lubricatable type. If maintenance free type is needed, please order without suffix "D1".

(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.

In this case the lock washer with the straight inner prong should be used.

Basic load ratings	Mass		
		N lbf	kg lb
dynamic			
C _r	92 500	60 000	3.08
static			
C _{0r}	20 800	13 400	7.24
			7.08
			6.76
			4.75
			11.1
			10.9
			5.75
			12.9
			12.7
			6.72
			14.9
			14.6
			7.75
			17.2
			9.02
			20.4
			11.0
			24.7
			25.1
			14.9
			18.0
			23.3
			28.6

Ball bearings Adapter type



UKX...D1;H, HA, HE, HS UKX...D1

Shaft dia.	Bearing (1)(2)(3) number	Nominal dimensions										
		mm inch										
20	UKX05D1;HE2305X	d	D	B	C	d ₄	d ₁	B ₁	B ₂	d ₂	F	
3/4	UKX05D1;HE2305	0.9843	2.4409	1.0236	0.7480	1.606	3/4	1.378	0.315	1.496	0.181	
25	UKX06D1;HE2306X	30	72	29	20	46.8	25	38	8	45	4.6	
7/8	UKX06D1;HS2306	1.1811	2.8346	1.1417	0.7874	1.843	7/8	1.496	0.315	1.772	0.181	
1	UKX06D1;HE2306X	35	80	31	21	53	30	43	9	52	4.5	
1 1/8	UKX07D1;HS2307	1.3780	3.1496	1.2205	0.8268	2.087	1 1/8	1.693	0.354	2.047	0.177	
35	UKX08D1;HE2308X	40	85	31	22	57.5	35	46	10	58	4.9	
1 1/4	UKX08D1;HE2308X	1.5748	3.3465	1.2205	0.8661	2.264	1 1/4	1.811	0.394	2.283	0.193	
1 3/8	UKX08D1;HS2308X	45	90	32	24	62.4	40	50	11	65	5.9	
1 7/16	UKX09D1;HA2309	1.7717	3.5433	1.2598	0.9449	2.457	1 1/2	1.969	0.433	2.559	0.232	
1 1/2	UKX09D1;HE2309X	50	100	35	25	69	45	55	12	70	6.0	
1 5/8	UKX09D1;HS2309X	1.9685	3.9370	1.3780	0.9843	2.717	1 5/8	2.165	0.472	2.756	0.236	
45	UKX10D1;HE2310X	55	110	38	27	77	50	59	12	75	6.2	
1 5/8	UKX10D1;HS2310	2.1654	4.3307	1.4961	1.0630	3.031	1 5/8	2.323	0.472	2.953	0.244	
1 9/16	UKX10D1;HA2310	60	120	40	32	82.5	55	62	13	80	8.7	
1 3/4	UKX10D1;HE2310X	2.3622	4.7244	1.5748	1.2598	3.248	2 1/8	2.441	0.512	3.150	0.343	
50	UKX11D1;HE2311X	65	130	43	35	90	60	69	14	85	9.7	
1 7/8	UKX11D1;HS2311	2.559	5.093	1.7717	1.3780	3.543	2 1/4	2.660	0.523	3.362	0.352	
1 5/16	UKX11D1;HA2311	70	140	46	38	100	65	74	15	90	10.7	
2	UKX11D1;HE2311XY	2.953	5.906	2.047	1.5748	4.014	2 3/8	3.051	0.623	3.956	0.392	
55	UKX12D1;HE2312X	75	150	49	40	110	70	79	16	95	11.7	
2 1/8	UKX12D1;HS2312	3.150	6.300	2.283	1.7717	4.515	2 5/8	3.362	0.673	4.267	0.421	

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

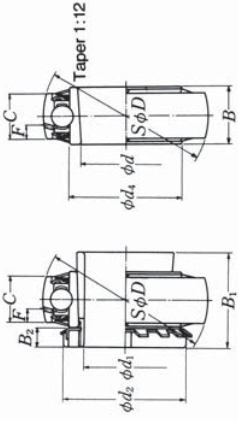
(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.

(3) In this case the lock washer with the straight inner prong should be used.

(4) For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve. To distinguish it, a suffix "Y" is added.

Basic load ratings	Mass	
	N lbf	kg lb
dynamic C _r	19 500	11 300
static C _{0r}	4 400	2 540
	25 700	15 300
	5 750	3 450
	29 100	17 800
	6 550	4 000
	32 500	20 400
	7 350	4 600
	35 000	23 200
	7 900	5 200
	43 500	29 200
	9 750	6 550
	52 500	36 000
	11 800	8 150
	57 500	40 000
	12 900	9 000
	1.26	0.97
	3.09	2.32
	2.99	2.24
	2.88	2.07
	1.62	1.26
	3.84	2.99
	3.72	2.88
	2.07	1.62
	4.66	3.58

Ball bearings Adapter type



UKX...D1; H, HA, HE, HS UKX...D1

Shaft dia. mm inch	Bearing (1)(2) number	Nominal dimensions									
		d	D	B	C	d ₁	d ₁	B ₁	B ₂	d ₂	F
60	UKX13D1;HE2313X	65	125	42	33	87	60	65	14	85	8.8
2 ³ / ₁₆	UKX13D1;HA2313					2 ³ / ₁₆					
2 ¹ / ₄	UKX13D1;HE2313X	2.5591	4.9213	1.6535	1.2992	3.425	2 ¹ / ₄	2.559	0.551	3.346	0.346
2 ³ / ₈	UKX13D1;HS2313X					2 ³ / ₈					
65	UKX15D1;HE2315X	75	140	45	35	98.1	65	73	15	98	9.5
2 ⁷ / ₁₆	UKX15D1;HA2315					2 ⁷ / ₁₆					
2 ¹ / ₂	UKX15D1;HE2315X	2.9528	5.5118	1.7717	1.3780	3.862	2 ¹ / ₂	2.874	0.591	3.858	0.374
70	UKX16D1;HE2316X	80	150	46	36	106.4	70	78	17	105	10.1
2 ¹ / ₁₆	UKX16D1;HA2316					2 ¹ / ₁₆					
2 ³ / ₄	UKX16D1;HE2316X	3.1496	5.9055	1.8110	1.4173	4.189	2 ³ / ₄	3.071	0.669	4.134	0.398
75	UKX17D1;HE2317X	85	160	47	37	111.6	75	82	18	110	9.8
2 ¹⁵ / ₁₆	UKX17D1;HA2317X					2 ¹⁵ / ₁₆					
3	UKX17D1;HE2317X	3.3465	6.2992	1.8504	1.4567	4.394	3	3.228	0.709	4.331	0.386
80	UKX18D1;HE2318X	90	170	49	39	118.2	80	86	18	120	10.5
3 ³ / ₁₆	UKX18D1;HA2318X					3 ³ / ₁₆					
	UKX18D1;HE2318X	3.5433	6.6929	1.9291	1.5354	4.654	3 ³ / ₁₆	3.386	0.709	4.724	0.413
90	UKX20D1;HE2320X	100	190	57	44	131.3	90	97	20	130	11.3

Notes (1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

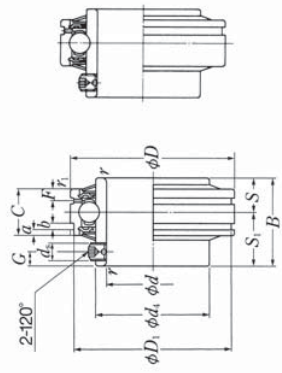
(2) Adapter number with suffix "X" means a narrow slot type adapter sleeve.

In this case the lock washer with the straight inner prong should be used.

Basic load ratings	Mass	
	N lbf	kg lb
dynamic C _r	62 000	44 000
	14 000	9 900
static C _{0r}	72 500	53 000
	16 300	11 900
dynamic C _r	83 500	64 000
	18 700	14 300
static C _{0r}	96 000	71 500
	21 600	16 100
dynamic C _r	109 000	82 000
	24 500	18 400
static C _{0r}	133 000	105 000
	30 300	21 500

UCS2

Ball bearings Set screw type



UCS--D1N UCS--D1

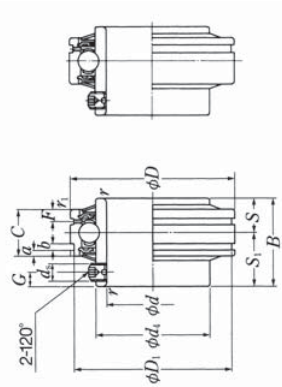
Shaft dia. mm inch	Bearing (°) number	Nominal dimensions									
		d	D	B	C	r	r ₁ min.	S	S ₁	G	d _s
12	UCS201LD1N	12	47	31	17	0.6	0.6	12.7	18.3	4.5	M5×0.8
1/2	UCS201-008LD1N	0.5000	1.8504	1.2205	0.6693	0.024	0.024	0.500	0.720	0.177	No.10-32UNF
15	UCS202LD1N	15	47	31	17	0.6	0.6	12.7	18.3	4.5	M5×0.8
9/16	UCS202-009LD1N	0.5625	1.8504	1.2205	0.6693	0.024	0.024	0.500	0.720	0.177	No.10-32UNF
5/8	UCS202-010LD1N	0.6250	1.8504	1.2205	0.6693	0.024	0.024	0.500	0.720	0.177	No.10-32UNF
17	UCS203LD1N	17	47	31	17	0.6	0.6	12.7	18.3	4.5	M5×0.8
11/16	UCS203-011LD1N	0.6875	1.8504	1.2205	0.6693	0.024	0.024	0.500	0.720	0.177	No.10-32UNF
20	UCS204LD1N	20	47	31	17	1	0.6	12.7	18.3	4.5	M5×0.8
3/4	UCS204-012LD1N	0.7500	1.8504	1.2205	0.6693	0.039	0.024	0.500	0.720	0.177	No.10-32UNF
25	UCS205LD1N	25	52	34.1	17	1	0.6	14.3	19.8	5	M5×0.8
19/16	UCS205-013LD1N	0.8125									
7/8	UCS205-014LD1N	0.8750									
15/16	UCS205-015LD1N	0.9375	2.0472	1.3425	0.6693	0.039	0.024	0.563	0.780	0.197	No.10-32UNF
1	UCS205-100LD1N	1.0000									
30	UCS206LD1N	30	62	38.1	19	1	1	15.9	22.2	5	M6×0.75
1 1/16	UCS206-101LD1N	1.0625									
1 1/8	UCS206-102LD1N	1.1250	2.4409	1.5000	0.7480	0.039	0.039	0.626	0.874	0.197	1/4-28UNF
1 3/16	UCS206-103LD1N	1.1875									
1 1/4	UCS206-104LD1N	1.2500									
35	UCS207LD1N	35	72	42.9	20	1.5	1.5	17.5	25.4	6	M6×0.75
1 1/4	UCS207-104LD1N	1.2500									
1 5/16	UCS207-105LD1N	1.3125	2.8346	1.6890	0.7874	0.059	0.059	0.689	1.000	0.236	1/4-28UNF
1 3/8	UCS207-106LD1N	1.3750									
1 7/16	UCS207-107LD1N	1.4375									
40	UCS208LD1N	40	80	49.2	21	1.5	1.5	19	30.2	8	M8×1
1 1/2	UCS208-108LD1N	1.5000	3.1496	1.9370	0.8268	0.059	0.059	0.748	1.189	0.315	5/16-24UNF
1 9/16	UCS208-109LD1N	1.5625									
45	UCS209LD1N	45	85	49.2	22	1.5	1.5	19	30.2	8	M8×1
1 5/8	UCS209-110LD1N	1.6250									
1 11/16	UCS209-111LD1N	1.6875	3.3465	1.9370	0.8661	0.059	0.059	0.748	1.189	0.315	5/16-24UNF
1 3/4	UCS209-112LD1N	1.7500									

Note (°) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Nominal dimensions				Basic load ratings		Mass
mm	inch			N	lbf	kg
d ₄	D ₁	a	b	d ₄	F	C _r
29.6	44.6	3.1	1.5	4	12 800	6 650
1.1654	1.756	0.122	0.059	0.157	2 890	1 500
29.6	44.6	3.1	1.5	4	12 800	6 650
1.1654	1.756	0.122	0.059	0.157	2 890	1 500
29.6	44.6	3.1	1.5	4	12 800	6 650
1.1654	1.756	0.122	0.059	0.157	2 890	1 500
33.9	49.73	3.2	1.5	4.1	14 000	7 850
1.3346	1.958	0.126	0.059	0.161	3 150	1 770
40.8	59.61	3.2	2.05	4.2	19 500	11 300
1.6063	2.347	0.126	0.081	0.165	4 400	2 540
46.8	68.81	3.3	2.05	5	25 700	15 300
1.8425	2.709	0.130	0.081	0.197	5 750	3 450
53	76.81	3.4	2.05	5	29 100	17 800
2.0866	3.024	0.134	0.081	0.197	6 550	4 000
57.5	81.81	3.5	2.05	5.1	32 500	20 400
2.2638	3.221	0.138	0.081	0.201	7 350	4 600

UCS2

Ball bearings Set screw type



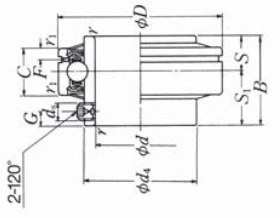
Shaft dia. mm inch	Bearing (°) number	Nominal dimensions										UCS--D1N		UCS--D1	
		d	D	B	C	r	r ₁ min.	r ₁ min.	S	S ₁	G	d _s	d ₄	d _s	
50	UCS210LD1N	50	90	51.6	24	1.5	1.5	1.5	19	32.6	9	M8x1			
1 ³ / ₁₆	UCS210-113LD1N	1.8125													
1 ¹ / ₈	UCS210-114LD1N	1.8750													
1 ⁹ / ₁₆	UCS210-115LD1N	1.9375	3.5433	2.0315	0.9449	0.059	0.059	0.748	1.283	0.354	0.354	5/16-24UNF			
2	UCS210-200LD1N	2.0000													
55	UCS211LD1N	55	100	55.6	25	2	2	22.2	33.4	9	M8x1				
2	UCS211-200LD1N	2.0000													
2 ¹ / ₁₆	UCS211-201LD1N	2.0625													
2 ³ / ₁₆	UCS211-202LD1N	2.1250	3.9370	2.1890	0.9843	0.079	0.079	0.874	1.315	0.354	0.354	5/16-24UNF			
2 ³ / ₈	UCS211-203LD1N	2.1875													
60	UCS212LD1N	60	110	65.1	27	2	2	25.4	39.7	10	M10x1.25				
2 ¹ / ₄	UCS212-204LD1N	2.2500													
2 ⁵ / ₁₆	UCS212-205LD1N	2.3125													
2 ³ / ₈	UCS212-206LD1N	2.3750	4.3307	2.5630	1.0630	0.079	0.079	1.000	1.563	0.394	0.394	3/8-24UNF			
2 ⁷ / ₁₆	UCS212-207LD1N	2.4375													
65	UCS213D1	65	120	65.1	32	2	2	25.4	39.7	10	M10x1.25				
2 ¹ / ₂	UCS213-208D1	2.5000	4.7244	2.5630	1.2598	0.079	0.079	1.000	1.563	0.394	0.394	3/8-24UNF			
2 ⁹ / ₁₆	UCS213-209D1	2.5625													
70	UCS214D1	70	125	74.6	33	2	2	30.2	44.4	12	M10x1.25				
75	UCS215D1	75	130	77.8	34	2	2	33.3	44.5	12	M10x1.25				
80	UCS216D1	80	140	82.6	35	2.5	2.5	33.3	49.3	12	M10x1.25				
85	UCS217D1	85	150	85.7	36	2.5	2.5	34.1	51.6	12	M12x1.5				
90	UCS218D1	90	160	96	37	2.5	2.5	39.7	56.3	12	M12x1.5				

Note (°) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Nominal dimensions				Basic load ratings		Mass	
d ₄	D ₁	a	b	N lbf dynamic C _r	static C _{0r}	kg	lb
62.4	86.79	3.7	2.85	35 000	23 200	0.78	2.03
2.4567	3.417	0.146	0.112	7 900	5 200	1.92	1.81
69	96.80	4.4	2.85	43 500	29 200	1.06	2.71
2.7165	3.811	0.173	0.112	9 750	6 550	2.60	2.46
77	106.81	4.4	2.85	52 500	36 000	1.48	3.78
3.0315	4.205	0.173	0.112	11 800	8 150	3.62	3.45
82.5				57 500	40 000	1.88	4.41
3.2480				12 900	9 000	4.24	4.24
87				62 000	44 000	2.17	2.43
93				66 000	49 500	2.89	2.89
98.1				72 500	53 000	3.47	3.47
106.4				83 500	64 000	4.24	4.24
111.6				96 000	71 500	4.24	4.24

UCS3

Ball bearings Set screw type



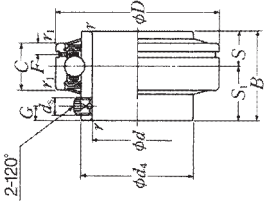
Shaft dia. mm inch	Bearing (*) number	Nominal dimensions										
		d	D	B	C	r	r ₁	S	S ₁	G	d _s	
25 ¹⁹ / ₁₆ ⁷ / ₈ ¹⁵ / ₁₆	UCS305D1 UCS305-013D1 UCS305-014D1 UCS305-015D1 UCS305-100D1	25 0.8125 0.8750 0.9375 1.0000	62 2.4409	38 1.4961	20 0.7874	1.5 0.059	0.6 0.024	15 0.591	23 0.906	6 0.236	6 1/4-28UNF	M6x0.75
30 ¹ / ₁₆ ¹ / ₈ ¹ / ₄	UCS306D1 UCS306-101D1 UCS306-102D1 UCS306-103D1	30 1.0625 1.1250 1.1875	72 2.8346	43 1.6929	23 0.9055	1.5 0.059	1 0.039	17 0.669	26 1.024	6 0.236	6 1/4-28UNF	M6x0.75
35 ¹ / ₄ ¹ / ₂ ³ / ₄ ¹ / ₂	UCS307D1 UCS307-104D1 UCS307-105D1 UCS307-106D1 UCS307-107D1	35 1.2500 1.3125 1.3750 1.4375	80 3.1496	48 1.8898	25 0.9843	2 0.079	1 0.039	19 0.748	29 1.142	8 0.315	8 5/8-24UNF	M8x1
40 ¹ / ₂ ¹ / ₂ ¹ / ₂	UCS308D1 UCS308-108D1 UCS308-109D1	40 1.5000 1.5625	90 3.5433	52 2.0472	27 1.0630	2 0.079	1 0.039	19 0.748	33 1.299	10 0.394	10 3/8-24UNF	M10x1.25
45 ¹ / ₂ ¹ / ₂ ¹ / ₂	UCS309D1 UCS309-110D1 UCS309-111D1 UCS309-112D1	45 1.6250 1.6875 1.7500	100 3.9370	57 2.2441	29 1.1417	2 0.079	1 0.039	22 0.866	35 1.378	10 0.394	10 3/8-24UNF	M10x1.25
50 ¹ / ₂ ¹ / ₂ ¹ / ₂	UCS310D1 UCS310-113D1 UCS310-114D1 UCS310-115D1	50 1.8125 1.8750 1.9375	110 4.3307	61 2.4016	32 1.2598	2.5 0.098	1.5 0.059	22 0.866	39 1.535	12 0.472	12 1/2-20UNF	M12x1.5
55 ² / ₁₆ ² / ₁₆ ² / ₁₆	UCS311D1 UCS311-200D1 UCS311-201D1 UCS311-202D1 UCS311-203D1	55 2.0000 2.0625 2.1250 2.1875	120 4.7244	66 2.5984	34 1.3386	2.5 0.098	1.5 0.059	25 0.984	41 1.614	12 0.472	12 1/2-20UNF	M12x1.5

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Nominal dimensions mm inch	Basic load ratings dynamic N lbf	static N lbf	Mass kg lb
36.8 1.4488	21 200 4 750	10 900 2 460	0.37 0.94 0.90 0.83 0.81
44.9 1.7677	26 700 6 000	15 000 3 400	0.58 1.39 1.33 1.28
49.4 1.9449	33 500 7 500	19 100 4 300	0.74 1.77 1.70 1.64 1.57
56 2.2047	40 500 9 150	24 000 5 400	1.00 2.32 2.23
63.5 2.5000	53 000 11 900	32 000 7 200	1.33 3.17 3.09 2.98
70.6 2.7795	62 000 13 900	38 500 8 600	1.72 4.10 3.99 3.85
76.6 3.0157	71 500 16 100	45 000 10 100	2.15 5.14 4.99 4.85 4.68

UCS3

Ball bearings Set screw type



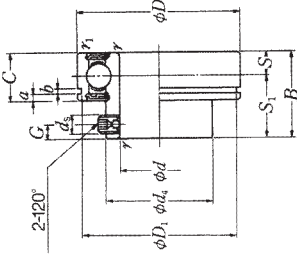
Shaft dia. mm inch	Bearing (°) number	Nominal dimensions									
		d	D	B	C	r	r ₁ min.	S	S ₁	G	d _s
60	UCS312D1	60	130	71	36	2.5	1.5	26	45	12	M12×1.5
2 ¹ / ₄	UCS312-204D1	2,2500									
2 ⁵ / ₁₆	UCS312-205D1	2,3125	5,1181	2,7953	1,4173	0,098	0,059	1,024	1,772	0,472	½-20UNF
2 ³ / ₈	UCS312-206D1	2,3750									
2 ⁷ / ₁₆	UCS312-207D1	2,4375									
65	UCS313D1	65	140	75	39	2.5	2	30	45	12	M12×1.5
2 ¹ / ₂	UCS313-208D1	2,5000	5,5118	2,9528	1,5354	0,098	0,079	1,181	1,772	0,472	½-20UNF
2 ⁵ / ₁₆	UCS313-209D1	2,5625									
70	UCS314D1	70	150	78	41	2.5	2	33	45	12	M12×1.5
2 ⁵ / ₈	UCS314-210D1	2,6250									
2 ¹ / ₂	UCS314-211D1	2,6875	5,9055	3,0709	1,6142	0,098	0,079	1,289	1,772	0,472	½-20UNF
2 ³ / ₄	UCS314-212D1	2,7500									
75	UCS315D1	75	160	82	43	2.5	2	32	50	14	M14×1.5
2 ⁹ / ₁₆	UCS315-213D1	2,8125									
2 ⁷ / ₈	UCS315-214D1	2,8750	6,2992	3,2283	1,6929	0,098	0,079	1,260	1,969	0,551	⅝-18UNF
2 ⁵ / ₈	UCS315-215D1	2,9375									
3	UCS315-300D1	3,0000									
80	UCS316D1	80	170	86	45	2.5	2	34	52	14	M14×1.5
3 ¹ / ₁₆	UCS316-301D1	3,0625									
3 ³ / ₁₆	UCS316-302D1	3,1250	6,6929	3,3858	1,7717	0,098	0,079	1,339	2,047	0,551	⅝-18UNF
3 ⁵ / ₁₆	UCS316-303D1	3,1875									
85	UCS317D1	85	180	96	47	3	2.5	40	56	16	M16×1.5
3 ¹ / ₄	UCS317-304D1	3,2500									
3 ⁵ / ₁₆	UCS317-305D1	3,3125	7,0866	3,7795	1,8504	0,118	0,098	1,575	2,205	0,630	⅝-18UNF
3 ⁷ / ₁₆	UCS317-307D1	3,4375									
90	UCS318D1	90	190	96	49	3	2.5	40	56	16	M16×1.5
3 ⁷ / ₁₆	UCS318-307D1	3,4375	7,4803	3,7795	1,9291	0,118	0,098	1,575	2,205	0,630	⅝-18UNF
3 ¹ / ₂	UCS318-308D1	3,5000									

Note (°) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Nominal dimensions mm inch	Basic load ratings		Mass kg lb
	dynamic C _r	static C _{0r}	
d ₄ F	82.7 6.7	82 000 92 000	2.70 6.27
			6.10 11 700
	3.2559 0.264	18 400 11 700	5.89 5.72
	88.2 7.5	92 500 60 000	3.37 7.63
			7.41 13 400
	3.4724 0.295	20 800 13 400	
	94.8 7.5	104 000 68 000	4.03 9.37
			9.13 8.91
	3.7323 0.295	23 400 15 300	
	101.3 7.7	113 000 77 000	4.88 11.4
			11.1 10.9
	3.9882 0.303	25 500 17 400	10.6 10.6
	107.9 7.8	123 000 86 500	5.74 13.0
			12.7 12.5
	4.2480 0.307	27 600 19 500	
	114.4 8.2	133 000 97 000	6.88 15.7
			15.4 14.7
	4.5039 0.323	29 800 21 800	
	120.9 8.5	143 000 107 000	7.80 17.8
			17.8 17.4
	4.7598 0.335	32 000 24 100	

ASS2

Ball bearings Set screw type

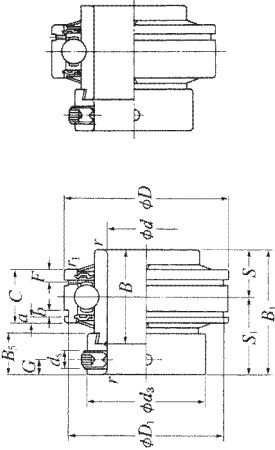


Shaft dia. mm inch	Bearing number	Nominal dimensions										
		d	D	B	C	r	r ₁ min.	S	S ₁	G	d _s	d ₄
12 1/2	ASS201N ASS201-008N	12 0.5000	40 1.5748	22 0.8661	12 0.4724	0.6 0.024	0.6 0.024	6 0.236	16 0.630	4.2 0.165	M5×0.8 No.10-32UNF	24.3 0.957
15 5/8	ASS202N ASS202-009N ASS202-010N	15 0.5625 0.6250	40 1.5748	22 0.8661	12 0.4724	0.6 0.024	0.6 0.024	6 0.236	16 0.630	4.2 0.165	M5×0.8 No.10-32UNF	24.3 0.957
17 11/16	ASS203N ASS203-011N	17 0.6875	40 1.5748	22 0.8661	12 0.4724	0.6 0.024	0.6 0.024	6 0.236	16 0.630	4.2 0.165	M5×0.8 No.10-32UNF	24.3 0.957
20 3/4	ASS204N ASS204-012N	20 0.7500	47 1.8504	25 0.9843	14 0.5512	1 0.039	0.6 0.024	7 0.276	18 0.709	4.2 0.165	M5×0.8 No.10-32UNF	29.6 1.165
25 1 1/8	ASS205N ASS205-013N ASS205-014N ASS205-015N ASS205-100N	25 0.8125 0.8750 0.9375 1.0000	52 2.0472	27 1.0630	15 0.5906	1 0.039	0.6 0.024	7.5 0.295	19.5 0.768	5 0.197	M5×0.8 No.10-32UNF	33.9 1.335
30 1 1/4	ASS206N ASS206-101N ASS206-102N ASS206-103N ASS206-104N	30 1.0625 1.1250 1.1875 1.2500	62 2.4409	29 1.1417	16 0.6299	1 0.039	0.6 0.024	8 0.315	21 0.827	5 0.197	M6×0.75 1/4-28UNF	40.8 1.606
35 1 1/4	ASS207N ASS207-104N ASS207-105N ASS207-106N ASS207-107N	35 1.2500 1.3125 1.3750 1.4375	72 2.8346	34 1.3386	17 0.6693	1.5 0.059	0.6 0.024	8.5 0.335	25.5 1.004	6 0.236	M6×0.75 1/4-28UNF	46.8 1.843
40 1 1/2	ASS208N ASS208-108N ASS208-109N	40 1.5000 1.5625	80 3.1496	38 1.4961	18 0.7087	1.5 0.059	0.6 0.024	9 0.354	29 1.142	8 0.315	M8×1 5/16-24UNF	53 2.087

Nominal dimensions			Basic load ratings		Mass
mm	inch		N lbr	static C _{or}	kg lb
D ₁	a	b	d ₁	C _r	
38.1 1.500	1.98 0.078	1.5 0.059	9 600 2 160	4 600 1 030	0.12 0.24
38.1 1.500	1.98 0.078	1.5 0.059	9 600 2 160	4 600 1 030	0.11 0.23 0.22
38.1 1.500	1.98 0.078	1.5 0.059	9 600 2 160	4 600 1 030	0.10 0.20
44.6 1.756	2.38 0.094	1.5 0.059	12 800 2 890	6 650 1 500	0.17 0.33
49.73 1.958	2.38 0.094	1.5 0.059	14 000 3 150	7 850 1 770	0.20 0.46 0.44 0.42 0.39
59.61 2.347	3.18 0.125	2.05 0.081	19 500 4 400	11 300 2 540	0.31 0.67 0.65 0.63 0.61
68.81 2.709	3.18 0.125	2.05 0.081	25 700 5 750	15 300 3 450	0.49 1.18 1.05 0.93 0.81
76.81 3.024	3.18 0.125	2.05 0.081	29 100 6 550	17 800 4 000	0.50 1.15 1.06

UELS2

Ball bearings Eccentric locking collar type

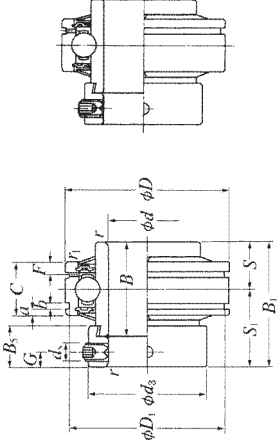


Shaft dia. mm inch	Bearing (°) number	Nominal dimensions										UELS**D1N					UELS**D1				
		d	D	B ₁	B	C	r	r ₁	r ₁ min.	S	S ₁	G	d ₃	B ₅	D ₁	a	b	F	C _r dynamic	C _r static	Mass kg lb
20 3/4	UELS204LD1NW3	20	47	43.7	34.2	17	1	0.6	17.1	26.6	4.8								12 800	6 650	0.23
	UELS204-012LD1NW3	0.7500	1.8504	1.720	1.3465	0.6693	0.039	0.024	0.673	1.047	0.189								2 890	1 500	0.45
25 19/16 7/8 15/16 1	UELS205LD1NW3	25	52	44.4	34.9	17	1	0.6	17.45	26.9	4.8								14 000	7 850	0.27
	UELS205-013LD1NW3	0.8125																			0.61
	UELS205-014LD1NW3	0.8750																			0.58
	UELS205-015LD1NW3	0.9375	2.0472	1.748	1.3740	0.6693	0.039	0.024	0.687	1.059	0.189								3 150	1 770	0.55
	UELS205-100LD1NW3	1.0000																			0.51
30 1 1/16 1 1/8 1 1/4 1 1/2	UELS206LD1NW3	30	62	48.4	36.5	19	1	1	18.25	30.1	6								19 500	11 300	0.41
	UELS206-101LD1NW3	1.0625																			0.94
	UELS206-102LD1NW3	1.1250																			0.89
	UELS206-103LD1NW3	1.1875	2.4409	1.906	1.4370	0.7480	0.039	0.039	0.719	1.185	0.236								4 400	2 540	0.84
	UELS206-104LD1NW3	1.2500																			0.80
35 1 1/4 1 1/2 1 3/8 1 1/2	UELS207LD1NW3	35	72	51.1	37.6	20	1.5	1.5	18.8	32.3	6.8								25 700	15 300	0.60
	UELS207-104LD1NW3	1.2500																			1.45
	UELS207-105LD1NW3	1.3125																			1.40
	UELS207-106LD1NW3	1.3750	2.8346	2.012	1.4803	0.7874	0.059	0.059	0.740	1.272	0.268								5 750	3 450	1.35
	UELS207-107LD1NW3	1.4375																			1.28
40 1 1/2 1 3/4	UELS208LD1NW3	40	80	56.3	42.8	21	1.5	1.5	21.4	34.9	6.8								29 100	17 800	0.79
	UELS208-108LD1NW3	1.5000	3.1496	2.217	1.6850	0.8268	0.059	0.059	0.843	1.374	0.268								6 550	4 000	1.90
	UELS208-109LD1NW3	1.5625																			1.82
	UELS209LD1NW3	45	85	56.3	42.8	22	1.5	1.5	21.4	34.9	6.8								32 500	20 400	0.85
50 1 3/8 1 1/2 1 3/4 2	UELS209-110LD1NW3	1.6250																			2.05
	UELS209-111LD1NW3	1.6875	3.3465	2.217	1.6850	0.8661	0.059	0.059	0.843	1.374	0.268								7 350	4 600	1.97
	UELS209-112LD1NW3	1.7500																			1.88
	UCS210LD1NW3	50	90	62.7	49.2	24	1.5	1.5	24.6	38.1	6.8								35 000	23 200	0.98
	UCS210-113LD1NW3	1.8125																			2.46
1 1/2 1 3/4 2	UCS210-114LD1NW3	1.8750	3.5433	2.469	1.9370	0.9449	0.059	0.059	0.969	1.500	0.268								7 900	5 200	2.36
	UCS210-115LD1NW3	1.9375																			2.25
	UCS210-200LD1NW3	2.0000																			2.09

Note (°) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

UELS2

Ball bearings Eccentric locking collar type



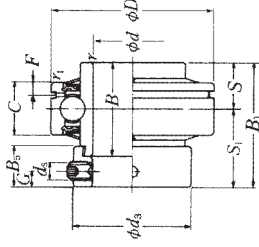
Shaft dia. mm inch	Bearing (°) number	Nominal dimensions									
		d	D	B_1	B	C	r min.	r_1 min.	S	S_1	G
55 2 2 1/16 2 1/8 2 3/16	UELS211LD1NW3	55	100	71.4	55.5	25	2	2	27.75	43.6	8
	UELS211-200LD-1NW3	2.0000									
	UELS211-201LD-1NW3	2.0625	3.9370	2.811	2.1850	0.9843	0.079	0.079	1.093	1.717	0.315
	UELS211-202LD-1NW3	2.1250									
2 1/8	UELS211-203LD-1NW3	2.1875									
60 2 1/4 2 5/16 2 3/8 2 7/8	UELS212LD1NW3	60	110	77.8	61.9	27	2	2	30.95	46.8	8
	UELS212-204LD-1W3	2.2500									
	UELS212-205LD-1W3	2.3125	4.3307	3.063	2.4370	1.0630	0.079	0.079	1.219	1.843	0.315
	UELS212-206LD-1W3	2.3750									
	2 3/8	UELS212-207LD-1W3	2.4375								
	2 7/8										

Note (°) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

	Nominal dimensions						Basic load ratings		Mass	
	d_s	d_3	B_5	D_1	a	b	F	dynamic C_r	static C_{or}	kg lb
M10×1.25	76	20.7	96.80	4.4	2.85	5.9	43 500	29 200	1.32	3.28
3/8-24UNF	2.992	0.815	3.811	0.173	0.112	0.232	9 750	6 550	3.12	3.02
M10×1.25	84	22.3	106.81	4.4	2.85	6	52 500	36 000	1.93	4.50
3/8-24UNF	3.307	0.878	4.205	0.173	0.112	0.236	11 800	8 150	4.34	4.17
									2.90	4.00

UELS3

Ball bearings Eccentric locking collar type



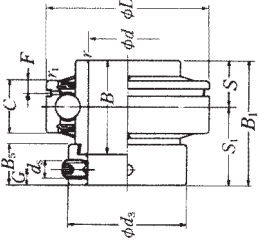
Shaft dia. mm inch	Bearing (*) number	Nominal dimensions										
		d	D	B ₁	B	C	r	r ₁ min.	S	S ₁	G	d _s
25 1 ¹ / ₈ 7 ⁷ / ₁₆ 1 ⁵ / ₁₆ 1	UELS305D1W3 UELS305-013D1W3 UELS305-014D1W3 UELS305-015D1W3 UELS305-100D1W3	25	62	46.8	34.9	20	1.5	0.6	16.7	30.1	6	M8×1
		0.8125										
		0.8750										
		2.4409	1.843	1.3740	0.9375	0.9375	0.059	0.024	0.657	1.185	0.236	5/16-24UNF
		1.0000										
30 1 ¹ / ₈ 1 ¹ / ₈ 1 ³ / ₁₆	UELS306D1W3 UELS306-101D1W3 UELS306-102D1W3 UELS306-103D1W3	30	72	50	36.5	23	1.5	1	17.5	32.5	6.7	M8×1
		1.0625										
		1.1250	2.8946	1.969	1.4370	0.9055	0.059	0.039	0.689	1.280	0.264	5/16-24UNF
		1.1875										
35 1 ¹ / ₄ 1 ⁵ / ₁₆ 1 ³ / ₈ 1 ⁷ / ₁₆	UELS307D1W3 UELS307-104D1W3 UELS307-105D1W3 UELS307-106D1W3 UELS307-107D1W3	35	80	51.6	38.1	25	2	1	18.3	33.3	6.7	M8×1
		1.2500										
		1.3125	3.1496	2.031	1.5000	0.9843	0.079	0.039	0.720	1.311	0.264	5/16-24UNF
		1.3750										
		1.4375										
40 1 ¹ / ₂ 1 ⁵ / ₈	UELS308D1W3 UELS308-108D1W3 UELS308-109D1W3	40	90	57.1	41.3	27	2	1	19.8	37.3	8	M10×1.25
		1.5000										
		1.5625	3.5433	2.248	1.6260	1.0630	0.079	0.039	0.780	1.469	0.315	3/8-24UNF
45 1 ⁵ / ₈ 1 ⁷ / ₈ 1 ³ / ₄	UELS309D1W3 UELS309-110D1W3 UELS309-111D1W3 UELS309-112D1W3	45	100	58.7	42.9	29	2	1	19.8	38.9	8	M10×1.25
		1.6250										
		1.6875	3.9370	2.311	1.6890	1.1417	0.079	0.039	0.780	1.531	0.315	3/8-24UNF
		1.7500										
50 1 ³ / ₄ 1 ⁷ / ₈ 1 ⁵ / ₈	UCS210D1W3 UCS210-113D1W3 UCS210-114D1W3 UCS210-115D1W3	50	110	66.6	49.2	32	2.5	1.5	24.6	42	8.7	M10×1.25
		1.8125										
		1.8750	4.3307	2.622	1.9370	1.2598	0.098	0.059	0.969	1.654	0.343	3/8-24UNF
		1.9375										
55 2 2 ¹ / ₁₆ 2 ¹ / ₈ 2 ³ / ₁₆	UELS311D1W3 UELS311-200D1W3 UELS311-201D1W3 UELS311-202D1W3 UELS311-203D1W3	55	120	73	55.6	34	2.5	1.5	27.8	45.2	8.7	M10×1.25
		2.0000										
		2.0625	4.7244	2.874	2.1890	1.3386	0.098	0.059	1.094	1.780	0.343	3/8-24UNF
		2.1250										
		2.1875										

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Nominal dimensions mm inch	Basic load ratings		Mass kg lb
	d ₃	B ₅	
42.8 1.685	15.9 0.626	4.3 0.169	0.45 1.13 1.09 1.05 1.00
50 1.969	17.5 0.689	5.1 0.201	0.71 1.62 1.56 1.50
55 2.165	17.5 0.689	5.3 0.209	0.83 1.99 1.91 1.84 1.76
63.5 2.500	20.6 0.811	5.6 0.220	1.12 2.67 2.58
70 2.756	20.6 0.811	5.8 0.228	1.50 3.26 3.37 3.26
76.2 3.000	22.2 0.874	6.3 0.248	1.93 4.55 4.44 4.30
83 3.268	22.2 0.874	6.5 0.256	2.42 5.76 5.57 5.43 5.26

UELS3

Ball bearings Eccentric locking collar type



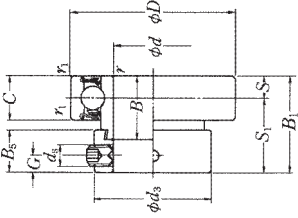
Shaft dia. mm inch	Bearing (*) number	Nominal dimensions										
		d	D	B ₁	B	C	r	r ₁	S	S ₁	G	d _s
60	UELS312D1W3	60	130	79.4	61.9	36	2.5	1.5	30.95	48.45	8.7	M10×1.25
2 1/4	UELS312-204D1W3	2.2500										
2 5/16	UELS312-205D1W3	2.3125										
2 3/8	UELS312-206D1W3	2.3750										
2 7/16	UELS312-207D1W3	2.4375										
65	UELS313D1W3	65	140	85.7	65.1	39	2.5	2	32.55	53.15	10.3	M12×1.5
2 1/2	UELS313-208D1W3	2.5000										
2 5/8	UELS313-209D1W3	2.5625										
70	UELS314D1W3	70	150	92.1	68.3	41	2.5	2	34.15	57.95	10.3	M12×1.5
2 3/4	UELS314-210D1W3	2.6250										
2 1/2	UELS314-211D1W3	2.6875										
2 3/4	UELS314-212D1W3	2.7500										
75	UELS315D1W3	75	160	100	74.6	43	2.5	2	37.3	62.7	12.7	M16×1.5
2 13/16	UELS315-213D1W3	2.8125										
2 7/8	UELS315-214D1W3	2.8750										
2 9/8	UELS315-215D1W3	2.9375										
3	UELS315-300D1W3	3.0000										
80	UELS316D1W3	80	170	106.4	81	45	2.5	2	40.5	65.9	12.7	M16×1.5
3 1/16	UELS316-301D1W3	3.0625										
3 1/8	UELS316-302D1W3	3.1250										
3 3/16	UELS316-303D1W3	3.1875										
85	UELS317D1W3	85	180	109.5	84.1	47	3	2.5	42.05	67.45	12.7	M16×1.5
3 1/4	UELS317-304D1W3	3.2500										
3 5/16	UELS317-305D1W3	3.3125										
3 3/8	UELS317-307D1W3	3.4375										
90	UELS318D1W3	90	190	115.9	87.3	49	3	2.5	43.65	72.25	14.3	M20×1.5
3 1/8	UELS318-307D1W3	3.4375										
3 1/2	UELS318-308D1W3	3.5000										

Note (*) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

Nominal dimensions		Basic load ratings		Mass	
mm	inch	N	lbf	kg	lb
d ₃	B ₅	F	C _r	C _{or}	
89	23.9	6.7	82 000	52 000	3.04
					7.01
3.504	0.941	0.264	18 400	11 700	6.86
					6.69
					6.40
97	27	7.5	92 500	60 000	3.79
					8.76
3.819	1.063	0.295	20 800	13 400	8.55
102	30.2	7.5	104 000	68 000	4.54
					10.7
4.016	1.189	0.295	23 400	15 300	10.5
					10.2
113	31.8	7.7	113 000	77 000	5.50
					13.5
4.449	1.252	0.303	25 500	17 400	13.2
					13.0
					12.9
119	31.8	7.8	123 000	86 500	6.89
					15.3
4.685	1.252	0.307	27 600	19 500	15.0
					15.3
127	31.8	8.2	133 000	97 000	8.21
					18.2
5.000	1.252	0.323	29 800	21 800	17.9
					17.2
133	36.5	8.5	143 000	107 000	9.34
					21.2
5.236	1.437	0.335	32 000	24 100	20.7

JELS2

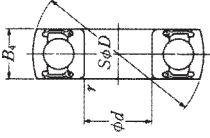
Ball bearings Eccentric locking collar type



Shaft dia. mm inch	Bearing number	Nominal dimensions										
		d	D	B ₁	B	C	r	r ₁	S	S ₁	G	d _s
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
12	JELS201W3 JELS201-008W3	12 0.5000	40 1.5748	28.6 1.126	19 0.7480	13 0.5118	0.6 0.024	0.4 0.016	6.5 0.256	22.1 0.870	4.8 0.189	M6x0.75 1/4-28UNF
15	JELS202W3 JELS202-009W3 JELS202-010W3	15 0.5625 0.6250	40 1.5748	28.6 1.126	19 0.7480	13 0.5118	0.6 0.024	0.4 0.016	6.5 0.256	22.1 0.870	4.8 0.189	M6x0.75 1/4-28UNF
17	JELS203W3 JELS203-011W3	17 0.6675	40 1.5748	28.6 1.126	19 0.7480	13 0.5118	0.6 0.024	0.4 0.016	6.5 0.256	22.1 0.870	4.8 0.189	M6x0.75 1/4-28UNF
20	JELS204W3 JELS204-012W3	20 0.7500	47 1.8504	31 1.220	21.5 0.8465	15 0.5906	1 0.039	0.6 0.024	7.5 0.295	23.5 0.925	4.8 0.189	M6x0.75 1/4-28UNF
25	JELS205W3 JELS205-013W3 JELS205-014W3 JELS205-015W3 JELS205-100W3	25 0.8125 0.8750 0.9375 1.0000	52 2.0472	31 1.220	21.5 0.8465	15 0.5906	1 0.039	0.6 0.024	7.5 0.295	23.5 0.925	4.8 0.189	M6x0.75 1/4-28UNF
30	JELS206W3 JELS206-101W3 JELS206-102W3 JELS206-103W3 JELS206-104W3	30 1.0625 1.1250 1.1875 1.2500	62 2.4409	35.7 1.406	23.8 0.9370	18 0.7087	1 0.039	1 0.039	9 0.354	26.7 1.051	6 0.236	M8x1 5/16-24UNF
35	JELS207W3 JELS207-104W3 JELS207-105W3 JELS207-106W3 JELS207-107W3	35 1.2500 1.3125 1.3750 1.4375	72 2.8346	38.9 1.531	25.4 1.0000	19 0.7480	1.5 0.059	1.5 0.059	9.5 0.374	29.4 1.157	6.8 0.268	M10x1.25 3/8-24UNF
40	JELS208W3 JELS208-108W3 JELS208-109W3	40 1.5000 1.5625	80 3.1496	43.7 1.720	30.2 1.1890	22 0.8661	1.5 0.059	1.5 0.059	11 0.433	32.7 1.287	6.8 0.268	M10x1.25 3/8-24UNF

Nominal dimensions mm inch	Basic load ratings		Mass kg lb
	dynamic C _r	static C _{0r}	
d ₃ B ₅	N lbr	N lbr	kg lb
29 1.142	9600 2160	4600 1030	0.13 0.26
29 1.142	9600 2160	4600 1030	0.13 0.26 0.24
29 1.142	9600 2160	4600 1030	0.10 0.22
33 1.299	12800 2890	6650 1500	0.18 0.42
38 1.496	14000 3150	7850 1770	0.20 0.54 0.51 0.48 0.44
44.5 1.752	19500 4400	11300 2540	0.34 0.84 0.79 0.75 0.70
55.5 2.185	25700 5750	15300 3450	0.53 1.29 1.24 1.18 1.12
60 2.362	29100 6550	17800 4000	0.71 1.64 1.57

Ball bearings



Shaft dia. mm	Bearing number	Nominal dimensions			Basic load ratings		Mass	
		d	D	B ₄ mm inch	r min.	N dynamic C _r	static C _{0r}	kg lb
10	CS200LLU	10 0.3937	30 1.1811	9 0.3543	0.6 0.024	5 100 1 150	2 390 540	0.03 0.07
12	CS201LLU	12 0.4724	32 1.2598	10 0.3937	0.6 0.024	6 100 1 370	2 750 615	0.04 0.09
15	CS202LLU	15 0.5906	35 1.3780	11 0.4331	0.6 0.024	7 750 1 740	3 600 805	0.04 0.09
17	CS203LLU	17 0.6693	40 1.5748	12 0.4724	0.6 0.024	9 600 2 160	4 600 1 030	0.06 0.13
20	CS204LLU	20 0.7874	47 1.8504	14 0.5512	1 0.039	12 800 2 890	6 650 1 500	0.10 0.22
25	CS205LLU	25 0.9843	52 2.0472	15 0.5906	1 0.039	14 000 3 150	7 850 1 770	0.13 0.29
30	CS206LLU	30 1.1811	62 2.4409	16 0.6299	1 0.039	19 500 4 400	11 300 2 540	0.20 0.44
35	CS207LLU	35 1.3780	72 2.8346	17 0.6693	1.5 0.059	25 700 5 750	15 300 3 450	0.29 0.64
40	CS208LLU	40 1.5748	80 3.1496	18 0.7087	1.5 0.059	29 100 6 550	17 800 4 000	0.37 0.82

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