kugellager fiedler

Bearing Units Catalog

FS FSB

Ihr Einblick in unsere Produktpalette

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Introduction

High rotation speed Low noise Long service life

GE···ES

UC

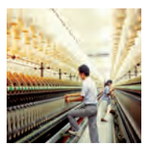
UCP

We have earned outstanding acclaim in the bearing industry by relying on our manufacturing strengths, for which we select raw materials of the highest quality, equip ourselves with top class equipments and efficient management system, adopt top sophisticated technology, and exercise effective control over the whole manufacturing processes, in order to ensure our products attain the highest precision and reliability. Currently, we manufacture mounted ball bearing units, spherical outside surface insert ball bearings, spherical plain bearings and casting bearing housings of over 3000 specifications in 23 series.

Our worldwide sales network enables us to supply products to a host of world top 500 corporations, in which 85% are with our own brand “FS” or ”FSB”, and 15% are OEM for high end brands.

Our success comes from customers’ success. This means our sales activities depend on our concept for cooperation with customers; we are committed to offering services of highest standard, especially overall technical and business support. We believe that as technical and service cooperation partner, we can help customers accomplish success. We are willing to achieve best performance together with our customers.

It is our obligation to make constant progress in an increasingly fast growing world. As FS & FSB, we must maintain our competitive edge; make joint efforts to attain our objectives. We believe we can persist in our endeavor and ensure sustainable development, with the ultimate aim of creating a world famous brand from the China’s bearing industry.



GEEW60ES,UCP206,UK208+H2308
Undertakes Boundless Driving Force

Bearings And Housings Matching Table

Housings	Bearings	Setscrews type: UC200 UC300 UCX00	Setscrews type: SB200	Eccentric Locking Collar type: HC200 HC300	Eccentric Locking Collar type: SA200 SA000	Adapter Sleeve Locking type: UK200 UK300 UKX00	Other types: CSA200 CSA100 CSA000
	P200	UCP200	SBP200G	HCP200	SAP200G	UKP200	CS200
	P300	UCP300	SBLLP200G	HCP300	SALLP200G	UKP300	
	PX00	UCPX00				UKPX00	
	LLP200						GRA200
	F200	UCF200		HCF200		UKF200	
	F300	UCF300	SBF200G	HCF300	SAF200G	UKF300	
	FX00	UCFX00		HCFS200		UKFX00	CSB200
	FS200	UCFS200					
	FL200	UCFL200		HCFL200		UKFL200	
	FL300	UCFL300	SBFL200G	HCFL300	SAFL200G	UKFL300	
	FLX00	UCFLX00		HCFT200		UKFLX00	SER200
	FT200	UCFT200					
	IP200	UCIP200				UKIP200	
	IP300	UCIP300				UKIP300	RA200
	T200	UCT200		HCT200		UKT200	
	T300	UCT300		HCT300		UKT300	
	TX00	UCTX00				UKTX00	
	FC200	UCFC200		HCFC200		UKFC200	
	FCX00	UCFCX00				UKFCX00	
	FS300	UCFS300		HCFS300		UKFS300	
	PH200	UCPH200		HCPH200		UKPH200	
	PA200	UCPA200					
	PW200	UCPW200		HCPA200		UKPA200	
	PG200	UCPG200					
	HA200	UCHA200		HCHA200		UKHA200	
	FB200	UCFB200		HCFB200		UKFB200	
	FA200	UCFA200		HCFA200		UKFA200	
	C200	UCC200				UKC200	
	C300	UCC300		HCC200		UKC300	
	CX00	UCCX00				UKCX00	
	LF200		SBLF200G		SALF200G		
	FD200		SBFD200G		SAFD200G		
	FW200		SBFW200G		SAFW200G		
	PFTD200		SBFTD200G		SAFTD200G		
	FCT200		SBFCT200G		SAFCT200G		
	PP200		SBPP200		SAPP200		
	PF200		SBPF200		SAPF200		
	PFL200		SBPFL200		SAPFL200		
	PFT200		SBPFT200		SAPFT200		

Inch Series

The Bearing or Bearing Unit of inch series is also available with all dimensions same as those of metric one except Diameter of Bore (SHAFT DIAMETER)

Bearings		Shaft Dia (inch)	Shaft Dia (mm)	Bearings And Bearing Units
201–08		1/2	12.700	UC UCX · HC · UK
202–09		9/16	14.288	
202–10		5/8	15.875	
203–11		11/16	17.463	SA
204–12		3/4	19.050	
204–13		13/16	20.638	
205–13		13/16	20.638	SB · CSA · CSB
205–14	305–14	7/8	22.225	
205–15	305–15	15/16	23.813	
205–16	305–16	1	25.400	
206–17		1 1/16	26.988	
206–18	306–18	1 1/8	28.575	
206–19	306–19	1 3/16	30.163	
206–20		1 1/4	31.750	
207–20	307–20	1 1/4	31.750	UCP · UCF · UCFL · UCT
207–21	307–21	1 5/16	33.338	
207–22	307–22	1 3/8	34.925	
207–23	307–23	1 7/16	36.513	
208–24	308–24	1 1/2	38.100	
208–25	308–25	1 9/16	39.688	
209–26	309–26	1 5/8	41.275	
209–27	309–27	1 11/16	42.863	
209–28	309–28	1 3/4	44.450	
210–29		1 13/16	46.038	UCPA · UCPH · UCHA · UCFA
210–30	310–30	1 7/8	47.625	
210–31	310–31	1 15/16	49.213	
210–32		2	50.800	
211–32	311–32	2	50.800	UCIP · UCFB · UCFC · UCC
211–33		2 1/16	52.388	
211–34	311–34	2 1/8	53.975	
211–35	311–35	2 3/16	55.563	
212–36	312–36	2 1/4	57.150	SBFCT SAFCT · SBFTD SAFTD · SBFD SAFD · SBLF SALF
212–37		2 5/16	58.738	
212–38	312–38	2 3/8	60.325	
212–39	312–39	2 7/16	61.913	
213–40	313–40	2 1/2	63.500	
213–41		2 9/16	65.088	
214–42		2 5/8	66.675	
214–43		2 11/16	68.263	
214–44	314–44	2 3/4	69.85	
215–45		2 13/16	71.438	SBPP SAPP · SBPFL SAPFL · SBPF SAPF · SBPFT SAPFT
215–46		2 7/8	73.025	
215–47		2 15/16	74.613	
215–48	315–48	3	76.200	
216–50	316–50	3 1/8	79.375	
217–52	317–52	3 1/4	82.550	
217–55		3 7/16	87.313	
218–56	318–56	3 1/2	88.900	

Radial Internal Clearance of Bearings

The radial internal clearance of bearings for the unit is the same as the value of JB/T 5304–2007.The clearance for the cylindrical bore bearings is shown in table 1. The clearance for the taper bore bearings is shown in table 2.

Radial Internal Clearance of Cylindrical Bore Bearings

Table 1. (μm)

Nominal Bore Diameter d (mm)		Group 2		Basic Group		Group 3	
Over	Incl.	Min.	Max.	Min.	Max.	Min.	Max.
10	18	3	18	10	25	18	33
18	24	5	20	12	28	20	36
24	30	5	20	12	28	23	41
30	40	6	20	13	33	28	46
40	50	6	23	14	36	30	51
50	65	8	28	18	43	38	61
65	80	10	30	20	51	46	71
80	100	12	36	24	58	53	84
100	120	15	41	28	66	61	97
120	140	18	48	33	81	71	114

Radial Internal Clearance of Tapered Bore Bearings

Table 2. (μm)

Nominal Bore Diameter d (mm)		Group 2		Basic Group		Group 3	
Over	Incl.	Min.	Max.	Min.	Max.	Min.	Max.
10	18	10	25	18	33	25	45
18	24	12	28	20	36	28	48
24	30	12	28	23	41	30	53
30	40	13	33	28	46	40	64
40	50	14	36	30	51	45	73
50	65	18	43	38	61	55	90
65	80	20	51	46	71	65	105
80	100	24	58	53	84	75	120
100	120	28	66	61	97	90	140
120	140	33	81	71	114	105	160

Bearings Tolerances

Outer rings tolerances

Outer Rings Tolerance

Table 3. (μm)

D (mm)		△Dmp		Kea
Over	Incl.	High	Low	Max.
30	50	0	–11	20
50	80	0	–13	25
80	120	0	–15	35
120	150	0	–18	40
150	180	0	–25	45
180	250	0	–30	50
250	315	0	–35	60

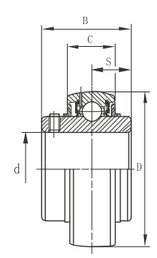
Notes :

1. △Dmp–The deviation of a single plane mean outside diameter of the outer ring.

2. Kea– Radial runout of assembled bearing outer ring.

Inner rings tolerances

The inner rings tolerances are shown in Table 4 and Table 5



Tolerances for cylindrical bore bearing inner rings

Cylindrical Bore Inner Rings Tolerances

Table 4. (μm)

d (mm)	△dmp		Vdsp max.	△Hs		△Bs		Kia max.
	High	Low		High	Low	High	Low	
>10~18	+15	0	10	+100	–100	0	–120	12
>18~30	+18	0	12	+100	–100	0	–120	15
>30~50	+21	0	14	+100	–100	0	–120	18
>50~80	+24	0	16	+100	–100	0	–150	22
>80~120	+28	0	19	+100	–100	0	–200	28
>120~180	+33	0	22	+100	–100	0	–250	35

Notes :

1. △dmp– The deviation of a single plane mean inner diameter of the inner ring

2. Kia– Radial runout of assembled bearing inner ring.

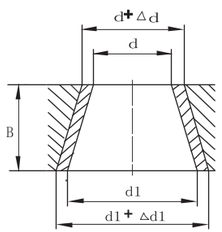
3. △Bs– Deviation of a single width of inner ring.

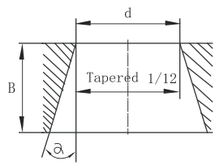
4. △Hs– The deviation of the single eccentric volume of inner ring or eccentric locking collar

5. Vdsp– The inner diameter deviation of a single plane of inner ring.

2.2. Tolerances for tapered bore bearing inner rings

Tolerances on Inner Rings of Conical bore





(μm)

Table 5.

d (mm)		△d		△d1−△d	
Over	Incl.	High	Low	Max.	Min.
10	18	+27	0	+18	0
18	30	+33	0	+21	0
30	50	+39	0	+25	0
50	80	+46	0	+30	0
80	120	+54	0	+35	0
120	180	+63	0	+40	0

Notes :

1. The deviation from nominal taper is defined as the limits of (△d1− △d),where △d1 is actual deviation of d1 from nominal bore diameter at larger end and △d is actual deviation of d from nominal bearing bore diameter.
2. d1 is obtained by following formula:
   $d1=d+\frac{1}{12}B$
   Where B is width of bearing inner ring.
3. The nominal taper angle=2° 23'9.4".

2 Tolerances for Housings

2.1 Tolerances on inner spherical diameter of housing

Tolerances on Spherical Inside Diameter

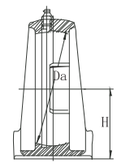
Table 6. (μm)

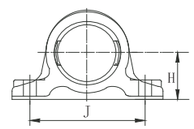
Nominal spherical inside diameter		H7		J7		K7	
		Dam		Dam		Dam	
Over	Incl.	High	Low	High	Low	上差 High	下差 Low
30	50	+25	0	+14	−11	+7	−18
50	80	+30	0	+18	−12	+9	−21
80	120	+35	0	+22	−13	+10	−25
120	180	+40	0	+26	−14	+12	−28
180	250	+46	0	+30	−16	+13	−33
250	315	+52	0	+36	−16	+16	−36

Notes :

1. Dam=(Damax+Damin)/2
   maximum measured value of Da.
   minimum measured value of Da.
2. Dimensional tolerances for spherical inside diameter of housing are classified into H7 clearance fit,K7 for interference fit and J7 for intermediate fit between H7 and K7.
3. When H7 fit is applied, the self−contained bearings are equipped with locking−pins.

Tolerances for pillow block housing center height





Pillow Block Housing

(μm)

Table 7.

Housings No.	Deviations	
	H	IP,PA J
P203−P210 PA203−PA210 PH203−PH210 PG203−PG208 PW203−PW210 PX05−PX09 P305−P310 IP208−IP210 LP201−LP207	±150	±700
P211−P220 PA211−PA218 PH211−PH218 PX10−PX18 P311−P318 IP211−IP213 IP313−IP318	±200	±1000
P319−P328 IP319−IP328	±300	

Notes: H−Height of mounting surface to shaft centerline.

2.3. Tolerances for flange type housings

Flange Unit Housings

(μm)

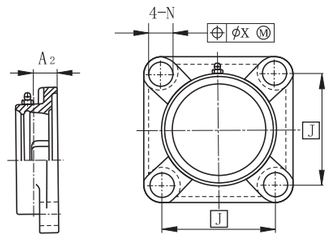
Table 8.

Housings No.				Deviations		Radial runout of spigot joint (Max.)	Deviations					
							FC200		FS300		FCX00	
F,FL, FS FC, FT	F,FL,FS	F,FL,FC	LF FD	x	Δ2	t	High	Low	High	Low	High	Low
203 204 205 206			203 204 205 206	600	±520	200	0	−46	0	−46	0	−46
207 208 209	307 308 309	X07 X08 X09	207 208	800			0	−54	0	−54	0	−54
210 211 212	310 311 312	X10 X11 X12							0	−63		
213 214 215	313 314 315	X13 X14 X15				300	0	−63			0	−63
216 217 218	316 317 318	X16 X17 X18			±620				0	−72		
	319 320 322	X19 X20		1000		400	0	−72	0	−81	0	−72
	324 326 328								0	−89		

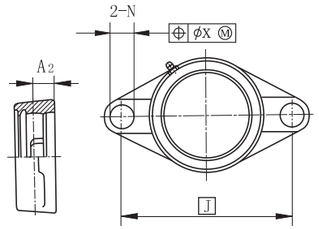
Notes:

1. J−bolt holes position tolerance.
2. A2−The accurate distance between the fitting surface and the centerline of the housing.
3. F−outside diameter tolearane of spigot joint.
4. The circular convex platform relative to the redial jump of the housing sphere.

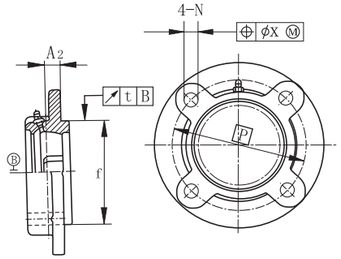
Flange Unit Housings



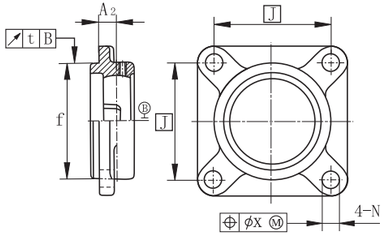
F,FS2-Type



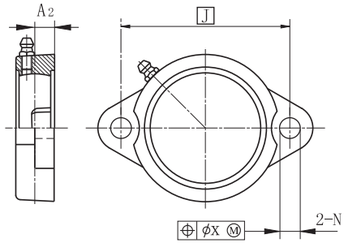
FL,FT-Type



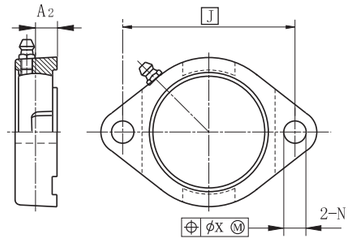
FC-Type



FS3-Type



LF-Type

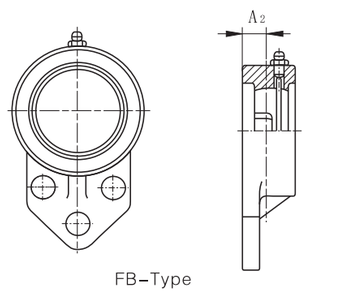


FD-Type

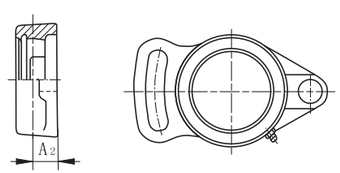
Table 9. (μm)

Housings No.		Deviations A2
FB204	FA204	± 520
FB205	FA205	± 520
FB206	FA206	± 520
FB207	FA207	± 520
FB208	FA208	± 520
FB209	FA209	± 520
FB210	FA210	± 520
FB211	FA211	± 620
FB212	FA212	± 620
FB213	FA213	± 620

Notes: A2-The accurate distance between the fitting surface and the centerline of the housing.



FB-Type

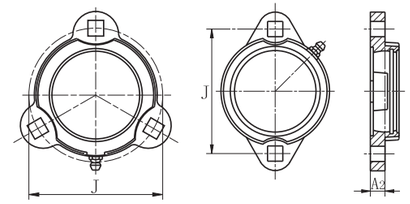


FA-Type

Flange Unit Housings

Table 10. (μm)

Housings No.	Deviations J	Deviations A2
PFTD,FCT		
203	± 700	± 520
204	± 700	± 520
205	± 700	± 520
206	± 700	± 520
207	± 800	± 520

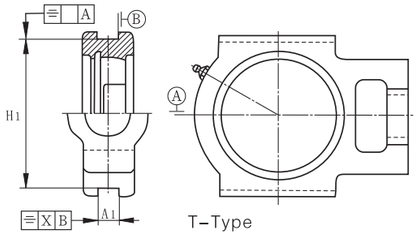


PFTD,FCT-Type

Notes:

1. J-bolt holes centerline dimension.
2. A2-The accurate distance between the fitting surface and the centerline of the housing.

2.4 Tolerances for take-up type housings



take-up Unit housings T-Type

Table 11. (μm)

Housings No.			Deviations A1 上差	Deviations A1 下差	Deviations H1 上差	Deviations H1 下差	Parallelism of sliding slot MAX X
T204			+200	0	0	-500	500
T205	T305	TX05	+200	0	0	-500	500
T206	T306	TX06	+200	0	0	-500	500
T207	T307	TX07	+200	0	0	-500	500
T208	T308	TX08	+200	0	0	-500	500
T209	T309	TX09	+200	0	0	-500	500
T210	T310	TX10	+200	0	0	-500	500
T211	T311	TX11	+300	0	0	-800	600
T212	T312	TX12	+300	0	0	-800	600
T213	T313	TX13	+300	0	0	-800	600
T214	T314	TX14	+300	0	0	-800	600
T215	T315	TX15	+300	0	0	-800	600
T216	T316	TX16	+300	0	0	-800	600
T217	T317	TX17	+300	0	0	-800	600
T218	T318		+300	0	0	-800	600
	T319		+300	0	0	-800	700
	T320		+300	0	0	-800	700
	T322		+300	0	0	-800	700
	T324		+300	0	0	-800	800
	T326		+300	0	0	-800	800
	T328		+300	0	0	-800	800

Notes:

1. A1-Width of locating slot.
2. H1-Bottom spacing of locating slot.

2.5. Tolerances for cartridge type housings

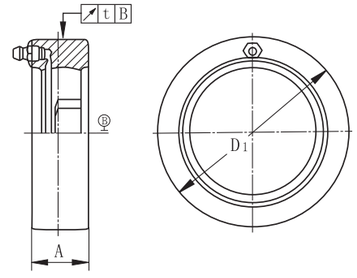
Cartridge Type Housings

Table 12 (μm)

Housings No.			Deviations D1 C200 上差	C200 下差	C300 上差	C300 下差	CX00 上差	CX00 下差	Radial runout of outside surface MAX. t	Deviations A
C204			0	–30					200	± 200
C205	C305	CX05	0	–30	0	–35	0	–35	200	± 200
C206	C306	CX06	0	–35	0	–35	0	–35	200	± 200
C207	C307	CX07	0	–35	0	–35	0	–35	200	± 200
C208	C308	CX08	0	–35	0	–35	0	–35	200	± 200
C209	C309	CX09	0	–35	0	–40	0	–35	200	± 200
C210	C310	CX10	0	–35	0	–40	0	–40	200	± 200
C211	C311	CX11	0	–40	0	–40	0	–40	300	± 250
C212	C312	CX12	0	–40	0	–40	0	–40	300	± 250
C213	C313		0	–40	0	–40			300	± 250
	C314				0	–40			300	± 250
	C315				0	–46			300	± 250
	C316				0	–46			300	± 250
	C317				0	–46			300	± 250
	C318				0	–46			300	± 250
	C319				0	–46			400	± 300
	C320				0	–52			400	± 300
	C322				0	–52			400	± 300
	C324				0	–52			400	± 300
	C326				0	–52			400	± 300
	C328				0	–52			400	± 300

Notes:

1. D1–outside diameter of cartridge housing.
2. A–width of cartridge housing



C–Type

2.6. Tolerances for pressed steel housings

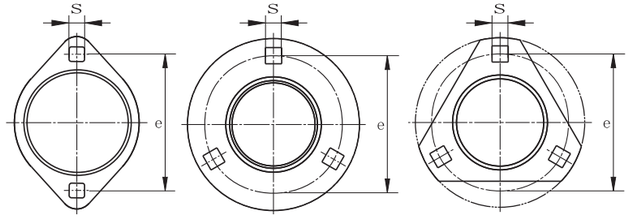
Pressed Steel housings

Table 13. (μm)

Housings No.	Deviations e	Deviations s
PP203~PP207 PFL203～PFL207	±400	±500
PF203～PF207 PFT203～PFT207	±400	±250

Notes:

1. e–diameter of bolt section roud.
2. s–bolt hole dimension



PFL–Type PF–Type PFT–Type

3.Features of Bearings

All bearings available in this catalogue reflect the implementation of the company's latest engineering design skill and quality assurance policy.If you have special needs that are not found in this catalogue,please be sure to contact us.We offer assistance with applicable analysis and can customize design for your special applications.

4.Materials

The performance and reliability of rolling bearings are greatly affected by the materials which the bearing components are made from.FS bearing rings and balls are made of high quality of GCr15 vacuum–degassed bearing steel.Chemical composition of GCr15 bearing steel is basically equivalent to some representative bearing steel as the chart shown below.

Chemical composition of high–carbon chrome bearing steel

able 14. ·

Standard steel Material		Analysis(%) C	Si	Mn	Cr	Mo	P	S
GB/T	GCr15	0.95~1.05	0.15~0.35	0.25~0.45	1.40~1.65	≤0.08	≤0.025	≤0.025
DIN	100Cr6	0.95~1.05	0.15~0.35	0.25~0.45	1.40~1.65		≤0.030	≤0.025
ASTM	52100	0.98~1.10	0.15~0.35	0.25~0.45	1.30~1.60	≤0.10	≤0.025	≤0.025
JIS	SUJ2	0.95~1.10	0.15~0.35	≤0.50	1.30~1.60		≤0.025	≤0.025

Most of ball bearing cages are made of cold rolled steel sheet. And for some bearing types and special applications, cages are made of glass fiber reinforced nylon 66 plastic,phenolic or machined brass.

The material of bearing housings is gray or ductile cast iron,housings can also be made of pressed steel,stainless steel,or engineering plastics for special purposes.

5. Lubrication and Operating Temperature

5.1. Lubricants

The industry lithium based No.2 lubricating grease defined in GB/T 7324 Lithium based lubricant grease is sealed in the spherical outside surface ball bearings during manufacturing .Its physical and chemical properties are shown in table 15.

Table 15.

Density (1/10mm)	Without operation	265~295
Dropping point (℃)		≥175
Mechanical impurities (pc/c m^3)	10–25 μm	≤2000
	25–75 μm	≤1000
	75–125μm	≤200
	>125 μm	0

5.2. Operating temperature

The bearings usually operate below the temperature of 120℃(the measuring temperature of the outer ring is 100℃).Grease life reduction has to be taken into account w en the bearings continue to operate at a temperatuerabove 70℃.The lowest operating temperature should not be lower than –10℃

For higher or lower temperature application please consult us for further informations

5.3. Relubricate period

Under normal operating condition,the grease should conform to the life of the bearings.Relubricatable type bearing units must be periodically greased to assure long life.

The greasing interval is dependent on the bearing running speed,operating temperatures and ambient conditions.

The following table shows the standard relubrication period.

Table 16.

d・n Value	Cleanliness	Temperature ℃	Temperature °F	Greasing interval
≤40,000	Clean	–15~65 up to 65~100	+5~150 up to 150~210	6~12 month 2~6 month
>40,000 ≤70,000	Clean	–15~65 up to 65~100	+5~150 up to 150~210	2~6 month 1 month
Any d・n Value	Dirty	up to 65 over 65	up to 150 over 150	1 wk.to 1 month 1 day to 2 wk
Any d・n Value	Very Dirty	Any temp.	Any temp.	1 day to 1 wk
Any d・n Value	Exposed to water splashes	Any temp.	Any temp.	Every day

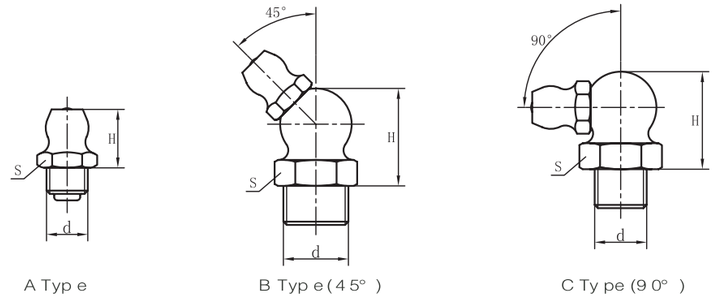
6. Grease Fitting

The grease fittings applied by FS bearing units are classified as A type(straight),B type(type 45°)and C type(type 90°) which are made of brass or steel.Grease nipple types,for FS standard bearing units are given in table 17.The availability of the grease nipple dimensions and designation to each type is M6x1,M8x1,M10x1,1/4–28UNF,1/8–27NPT,G1/4–19 and G1/8,as given in table 18.Gustomers are free to order with the specifieddimensions and designations.

Grease nipple types for FS standard bearing units

Table 17.

Housings No.	Grease fitting type and dimension
201~209 305~307 X05~X08	A Type,M6 x 1
210~215 308~312 X09~X14	A Type,M8 x 1
216~218 313~328 X15~X20	A Type,M10 x 1



A Type B Type(45°) C Type(90°)

Applicable grease fittings dimensions and designations of bearing units

Table 18.

Grease fitting Type	d	H (mm)	S(mm)
A Type	M6x1	9	7
	M8x1	9	10
	M10x1	9.5	11
	1/4–28UNF	9	7
	1/8–27NPT	9.5	11
B Type45	M6x1	15	10
	M8x1	15	10
	1/4–28UNF	15	10
	1/8–27NPT	15	10
C Type90	M6x1	15	10
	M8x1	15	10
	1/4–28UNF	15	10
	1/8–27NPT	14.5	10

7. Selection of Shafts

The ball bearing unit is provided with two hexagonal setscrews 120° apart on one side of the inner ring .Under normal operating conditions,the inner ring is mounted on shaft by means of a loose fit to ensure convenience of installation.In this case,the dimensional accuracy of the shaft is shown in Table 19.

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

Table 19. (μm)

Shaft Diameter (mm)		Deviation of tolerance in shaft							
		for lower speed		for medium speed		for rather high speed		for high speed	
		h9		h8		h7		j6	
over	incl.	max.	min.	max.	min.	max.	min.	max.	min.
10	18	0	−43	0	−27	0	−18	+8	−3
18	30	0	−52	0	−33	0	−21	+9	−4
30	50	0	−62	0	−39	0	−25	+11	−5
50	80	0	−74	0	−46	0	−30	+12	−7
80	120	0	−87	0	−54	0	−35	+13	−9
120	180	0	−100	0	−63	0	−40	+14	−11

When the ball bearing is used at a high speed or under a heavy load,the inner ring of the ball bearing should be mounted to the shaft by means of a tight fit.As shown in Table 20.

Dimensional accuracy of the shafts to be used in the cylindrical bore bearings(Tight fit)

Table 20. (μm)

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

Some bearings can be installed to the shaft by means of adapter sleeves.In this method,the bearing bore is made of 1:12 taper and the corresponding tapered adapter sleeve is applied.This is a convenient method that can be used as the intermediate bearing of a long shaft.In this case,the dimensional accuracy of shaft is shown in Table 21.

Dimensional accuracy of shaft to be used in tabered bore bearing

Table 21. (μm)

Shaft Diameter (mm)		Deviation of tolerance in shaft			
		for short shaft		for long shaft	
		h9		h10	
over	incl.	max.	min.	max.	min.
10	18	0	−43	0	−70
18	30	0	−52	0	−84
30	50	0	−62	0	−100
50	80	0	−74	0	−120
80	120	0	−87	0	−140
120	180	0	−100	0	−160

8.Mounting of Bearings on Shafts

8.1 Setscrews locking type bearings

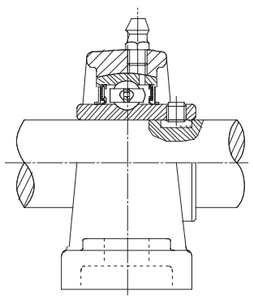
There are two setscrews located at two places on one side of the wide inner ring 120° apart with which the bearing can be mounted to the shaft. When mounting the bearing to the shaft,the torque shown in the following table 22 is recommended to tighten the setscrews to shaft.

Proper tightening torque of setscrews

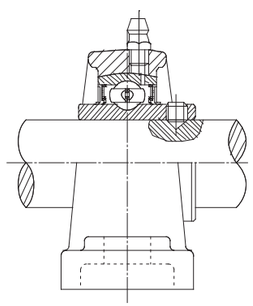
Table 22.

Bearings No.			Setscrews (mm)	Tightening torque N.m(max)	Setscrews (in.)	Tightening torque 1bf.in.(max)
UC201−UC203 (S φ 40)		SB201−SB203	M5X0.8	3.9	10−32UNF	32
UC201−UC206	UC305−UC306	SB204−SB206	M6X1	4.9	1/4−28UNF	43
UC207−UC209	UC307	SB207−SB211	M8X1	8.0	5/16−24UNF	70.5
UC210−UC213			M10X1	16.8	3/8−24UNF	148
	UC308−UC309	SB212	M10X1.25	16.8	3/8−24UNF	148
UC214−UC218	UC310−UC314		M12X1.5	29.4	1/2−20UNF	260
	UC315−UC316		M14X1.5	34.3	9/16−18UNF	300
	UC317−UC319		M16X1.5	54.2	5/8−18UNF	478
	UC320−UC324		M18X1.5	58.0	5/8−18UNF	496
	UC326−UC328		M20X1.5	78.0	3/4−16UNF	

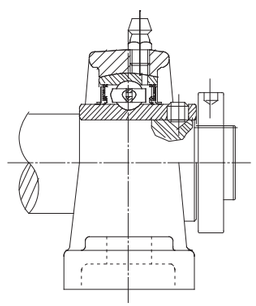
In case of either the vibration is caused to the bearing,the alternating movement takes place,the load applied to the bearing is large,or the shaft rotation speed is rapid,it is desired to provide with the filed seat of concave section at the part where the setscrews contact with the shaft.If large thrust load is charged,it is recommended that jogging tightened with nuts be used to install the bearing most effectively to the shaft.As shown in Fig.1.



File the shaft surface where the setscrews are positioned.



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



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

Fig.1

8.2. Adapter sleeve locking type bearings

The inner ring bore of this type bearing has a taper of 1:12.The sleeve is installed to an arbitrary position.After the shake proof washer is inserted,the nut is tightened.The proper nut tightening condition can be obtained if it is tightened enough by hand and then rotated ty 2/5 to 3/5 revolution with a spanner.

After tightening the nut,bend the shake proof washer within the slot.Otherwise,the nut may loosen and creep may be caused between the shaft and sleeve.

It is necessary the nut be not tightened too hard.

As shown in Fig.2.

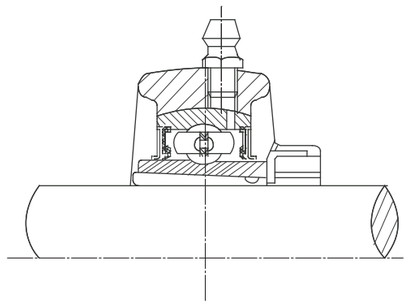


Fig.2

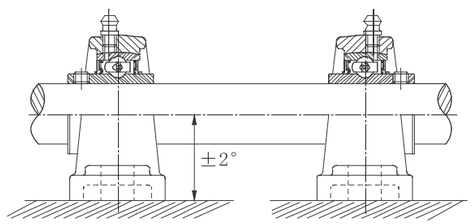
8.3. Eccentric locking collar type bearings

The eccentric part of the collar mates with the inner ring of the bearing which is made eccentric with the collar.when locked to the shaft by hand in direction of the shaft rotation ,the eccentric locking collar tightens automatically to the shaft by force of working radial loads.Then,lock the setscrew provided on the collar to fix the eccentric collar to the shaft.As the shaft rotation force or load is not charged on the setscrew directly,it will not loosen during operation.

9. Mounting Method of Housings

The desired installation order is:first install the housing ,then the shaft and bearing .The bearing units can be easily installed in principle at any place.However,in order to have a long service life,it is desired that the mounting base is flat and rigid.

The pillow block type and flange type housings are desired that the angle between the surface on which the housing is mounted and the shaft be maintained to a tolerance of ±2° (Fig.3.)



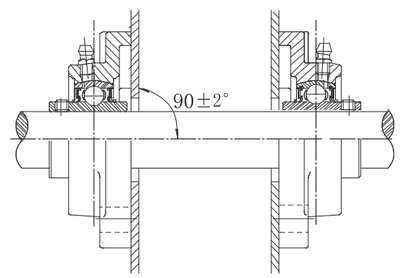


Fig.3

9.1. Mounting method of take-up units

The Take–up units its are mounted on two parallel slides,bearing centers to be adjusted by adjustable bolts.The relevant parts dimensions are shown as Fig.4.

Table 23. (mm)

Take–up No	H1 ±0.5	A1	d	D	N
T204	77	11	16	28	12
T205	77	11	16	28	12
T206	90	11	18	32	12
T207	90	11	18	32	12
T208	103	15	24	42	14
T209	103	15	24	42	14
T210	103	15	24	42	14
T211	131	20	30	56	20
T212	131	20	30	56	26
T213	152	24	36	60	26
T214	152	24	36	60	26
T215	152	24	36	60	26
T216	167	24	36	60	26
T217	175	28	42	65	30

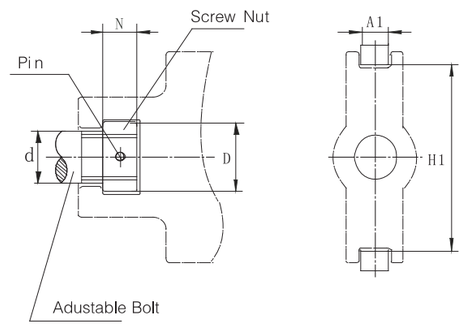


Fig.4

Table 24. (mm)

Take-up No.	H1 ± 0.5	A1	d	D	N
ST204	77	12.5	16	28	12
ST205	77	12.5	16	28	12
ST206	90	12.5	18	32	12
ST207	90	12.5	18	32	12
ST208	103	16.5	24	42	14
ST209	103	16.5	24	42	14
ST210	103	16.5	24	42	14
ST211	131	25	30	56	20
ST212	131	25	30	56	26

Table 25. (mm)

Take-up No.	H1 ± 0.5	A1	d	D	N
TX05	90	11	18	32	12
TX06	90	11	18	32	12
TX07	103	15	26	42	14
TX08	103	15	26	42	14
TX09	103	15	26	42	14
TX10	131	20	30	56	20
TX11	131	20	30	56	26
TX12	152	24	36	60	26
TX13	152	24	36	60	26
TX14	152	24	36	60	26
TX15	167	26	36	60	26
TX16	175	26	42	65	30
TX17	175	26	42	65	30

Table 26. (mm)

Take-up No.	H1 ± 0.5	A1	d	D	N
T305	81	11	22	32	12
T306	91	15	24	38	14
T307	101	15	26	38	16
T308	113	16	28	46	18
T309	126	16	30	50	20
T310	141	18	32	55	22
T311	151	20	34	60	24
T312	161	20	36	64	24
T313	172	24	38	64	26
T314	182	24	42	75	28
T315	194	24	42	75	28
T316	206	28	46	90	34
T317	216	30	46	90	34
T318	230	30	50	95	38
T319	242	32	50	95	38
T320	262	32	52	100	38
T322	287	36	55	110	42
T324	322	42	60	120	48
T326	352	48	65	130	52
T328	382	48	70	140	56

10. Permissible Speed of Rotation

The permissible speed of rotation of the ball bearing units is connected with the fit between shaft and bearing. It is recommended that,under normal operating conditions,the fit between the bearing and the shaft be h7,the relevant values of permissible speed of rotation are shown in table 27. Loose fit allowing lower speed is recommended when lighter load is applied,while tighter fit allowing higher speed is recommended when heavier load is applied.

Table 27.

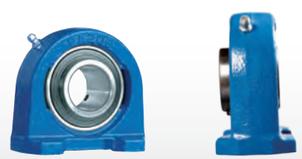
Bearing No.	Limit speed (r/min.)	Bearing No .	Limit speed (r/min.)
UC HC SA SB UCX CSA CSB SER UK	Grease Lubrication	UC UK	Grease Lubrication
201	4500	305	2800
202	4500	306	2600
203	4500	307	2200
204	4000	308	2000
205	3400	309	1800
206	2800	310	1700
207	2400	311	1400
208	2200	312	1300
209	1900	313	1200
210	1800	314	1100
211	1600	315	1000
212	1500	316	1000
213	1400	317	950
214	1300	318	900
215	1200	319	850
216	1100	320	800
217	1000		
218	950		

FSB

Undertakes Boundless Driving Force!

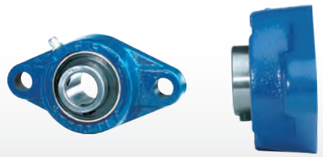
UCF

UCPA



UCFC

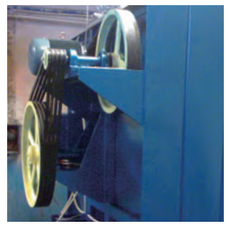
UCFL



The mounted ball bearing unit is a bearing unit which combines the spherical outside surface ball bearing and the casting bearing housing. It features a variety of structure patterns, and is suitable for application under tough conditions.

Features: Compact structure, perfect sealing, and convenient installation and dismantling, is universal and interchangeable, has a moderate range of self-alignment.

Application: Textile, dyeing and finishing, plastics, agriculture, foodstuffs, building, mining, engineering, chemical machinery equipment, and other industries.



High rotation speed Low noise Long service life

UCP204
Undertakes Boundless Driving Force

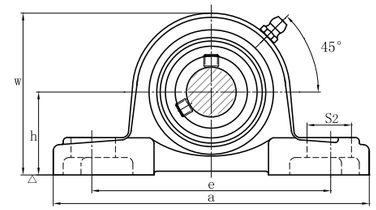
By speed challenge time infinite segmentation

Loading, strength achieves the sense of security

low noise　high rotating speed　long service life　high flexibility

UCP 200

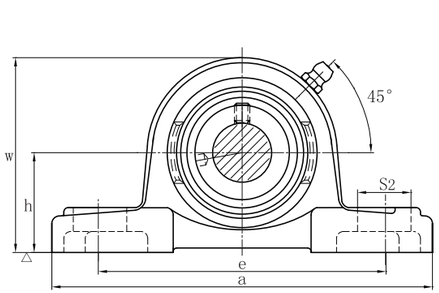
normal–duty

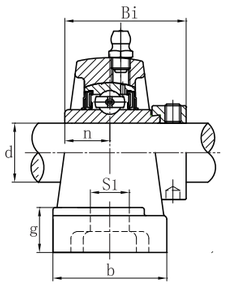


SR type seal

TRL type seal

Bearing unit No.	Shaft Dia. d (in.)	d (mm)	h	a	e	b	S2	S1	g	w	Bi	n	Bolt used (mm)	Bolt used (in.)	Bearing No.	Housing No.	weight (kg)
UCP **201**	1/2	12	1 3/16	5	3 3/4	1 1/2	3/4	1/2	19/32	2 7/16	1.2205	0.5000	M10	3/8	UC 201	P 201	0.63
201–8			30.2	127	95	38	19	13	15	62	31.0	12.7			201–8		
UCP **202**	5/8	15	1 3/16	5	3 3/4	1 1/2	3/4	1/2	19/32	2 7/16	1.2205	0.5000	M10	3/8	UC 202	P 202	0.63
202–10			30.2	127	95	38	19	13	15	62	31.0	12.7			202–10		
UCP **203**	11/16	17	1 3/16	5	3 3/4	1 1/2	3/4	1/2	19/32	2 7/16	1.2205	0.5000	M10	3/8	UC 203	P 203	0.63
203–11			30.2	127	95	38	19	13	15	62	31.0	12.7			203–11		
UCP **204–12**	3/4	20	1 5/16	5	3 3/4	1 1/2	3/4	1/2	19/32	2 9/16	1.2205	0.5000	M10	3/8	UC 204–12	P 204	0.65
204			33.3	127	95	38	19	13	15	65	31.0	12.7			204		
UCP **205–14**	7/8	25	1 7/16	5 1/2	4 1/8	1 1/2	5/8	1/2	5/8	2 3/4	1.3386	0.5630	M10	3/8	UC 205–14	P 205	0.79
205–15	15/16										34	14.3			205–15		
205			36.5	140	105	38	16	13	16	70					205		
205–16	1														205–16		
UCP **206–18**	1 1/8	30	1 1/16	6 1/2	4 49/64	1 7/8	53/64	21/32	45/64	3 17/64	1.5000	0.6260	M14	1/2	UC 206–18	P 206	1.3
206											38.1	15.9			206		
206–19	1 3/16		42.9	165	121	48	21	17	18	83					206–19		
206–20	1 1/4														206–20		
UCP **207–20**	1 1/4	35	1 7/8	6 37/64	5	1 7/8	53/64	21/32	3/4	3 45/64	1.6890	0.6890	M14	1/2	UC 207–20	P 207	1.60
207–21	1 5/16										42.9	17.5			207–21		
207–22	1 3/8		47.6	167	127	48	21	17	19	94					207–22		
207															207		
207–23	1 7/16														207–23		
UCP **208–24**	1 1/2	40	1 15/16	7 1/4	5 25/64	2 1/8	63/64	21/32	3/4	3 15/16	1.9370	0.7480	M14	1/2	UC 208–24	P 208	2.00
208–25	1 9/16										49.2	19.0			208–25		
208			49.2	184	137	54	25	17	19	100					208		
UCP **209–26**	1 5/8	45	2 1/8	7 15/32	5 3/4	2 1/8	55/64	21/32	25/32	4 1/4	1.9370	0.7480	M14	1/2	UC 209–26	P 209	2.20
209–27	1 11/16										49.2	19.0			209–27		
209–28	1 3/4		54.0	190	146	54	22	17	20	108					209–28		
209															209		
UCP **210–30**	1 7/8	50	2 1/4	8 1/8	6 1/4	2 3/8	63/64	25/32	55/64	4 1/2	2.0315	0.7480	M16	5/8	UC 210–30	P 210	2.80
210–31	1 15/16										51.6	19.0			210–31		
210			57.2	206	159	60	25	20	22	114					210		
210–32	2														210–32		
UCP **211–32**	2	55	2 1/2	8 5/8	6 47/64	2 3/8	63/64	25/32	55/64	4 31/32	2.1890	0.8740	M16	5/8	UC 211–32	P 211	3.40
211–34	2 1/8										55.6	22.2			211–34		
211			63.5	219	171	60	25	20	22	126					211		
211–35	2 3/16														211–35		
UCP **212–36**	2 1/4	60	2 3/4	9 1/2	7 1/4	2 3/4	63/64	25/32	63/64	5 7/16	2.5630	1.0000	M16	5/8	UC 212–36	P 212	4.80
212											65.1	25.4			212		
212–38	2 3/8		69.8	241	184	70	25	20	25	138					212–38		
212–39	2 7/16														212–39		
UCP **213–40**	2 1/2	65	3	10 7/16	8	2 3/4	9/64	63/64	1 1/16	5 29/32	2.5630	1.0000	M20	3/4	UC 213–40	P 213	5.70
213			76.2	265	203	70	29	25	27	150	65.1	25.4			213		
UCP **214–44**	2 3/4	70	3 1/8	10 15/32	8 9/32	2 27/32	1 7/32	63/64	1 1/16	6 9/64	2.9370	1.1890	M20	3/4	UC 214–44	P 214	7.00
214			79.4	266	210	72	31	25	27	156	74.6	30.2			214		
UCP **215**	2 15/16	75	3 1/4	10 13/16	8 17/32	2 29/32	1 7/32	63/64	1 1/32	6 13/32	3.0630	1.3110	M20	3/4	UC 215	P 215	7.60
215–47	3		82.6	275	217	74	31	25	28	163	77.8	33.3			215–47		
215–48															215–48		
UCP **216**	3 1/8	80	3 1/2	11 1/2	9 1/8	3 1/16	1 7/32	63/64	1 1/16	6 7/8	3.2520	1.3110	M20	3/4	UC 216	P 216	9.00
216–50			88.9	292	232	78	31	25	30	175	82.6	33.3			216–50		
UCP **217–52**	3 1/4	85	3 3/4	12 7/32	9 23/32	3 9/32	1 7/32	63/64	1 1/4	7 3/8	3.3740	1.3425	M20	3/4	UC 217–52	P 217	11.50
217			95.2	310	247	83	31	25	32	187	85.7	34.1			217		
217–55	3 7/16														217–55		
UCP **218–56**	3 1/2	90	4	12 7/8	10 5/16	3 15/32	1 19/64	1 1/16	1 11/32	7 7/8	3.7795	1.5630	M22	7/8	UC 218–56	P 218	14.30
218			101.6	327	262	88	33	27	34	200	96.0	39.7			218		





EWP 200 =
HCP 200
normal–duty

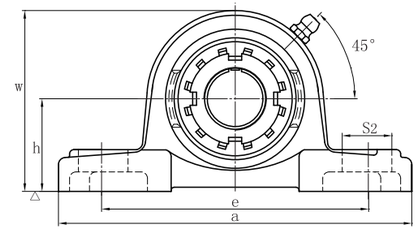
TRL type seal

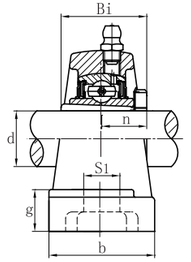
SR type seal

Bearing unit No.	Shaft Dia. d (in.)	(mm)	h	a	e	b	S2	S1	g	w	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	weight (Kg)
HCP **201**		12	1 3/16	4 59/64	3 25/32	1 17/64	5/8	15/32	33/64	2 1/4	1.4685	0.5472	M10	3/8	HC201	P 201	0.72
* **201–8**	1/2		30.2	125	96	32	16	12	13	57	37.3	13.9			201–8		
HCP **202**		15	1 3/16	4 59/64	3 25/32	1 17/64	5/8	15/32	33/64	2 1/4	1.4685	0.5472	M10	3/8	HC202	P 202	0.72
* **202–10**	5/8		30.2	125	96	32	16	12	13	57	37.3	13.9			202–10		
HCP **203**		17	1 3/16	4 59/64	3 25/32	1 17/64	5/8	15/32	33/64	2 1/4	1.4685	0.5472	M10	3/8	HC203	P 203	0.72
* **203–11**	11/16		30.2	125	96	32	16	12	13	57	37.3	13.9			203–11		
HCP **204–12**	3/4		1 5/16	5	3 3/4	1 1/2	3/4	1/2	19/32	2 9/16	1.7205	0.6732	M10	3/8	HC204–12	P 204	0.72
204		20	33.3	127	95	38	19	13	15	65	43.7	17.1			204		
HCP **205–14**	7/8														HC205–14		
205–15	15/16		1 7/16	5 1/2	4 1/8	1 1/2	5/8	1/2	5/8	2 3/4	1.7441	0.6850	M10	3/8	205–15		
205		25	36.5	140	105	38	16	13	16	70	44.3	17.4			205	P 205	0.8
205–16	1														205–16		
HCP **206–18**	1 1/8		1 11/16	6 1/2	4 49/64	1 7/8	53/64	21/32	45/64	3 17/64	1.9055	0.7205	M14	1/2	HC206–18		
206		30	42.9	165	121	48	21	17	18	83	48.4	18.3			206	P 206	1.35
206–19	1 3/16														206–19		
206–20	1 1/4														206–20		
HCP **207–20**	1 1/4														HC207–20		
207–21	1 5/16		1 7/8	6 37/64	5	1 7/8	53/64	21/32	3/4	3 45/64	2.0118	0.7402	M14	1/2	207–21		
207–22	1 3/8														207–22	P 207	1.7
207		35	47.6	167	127	48	21	17	19	94	51.1	18.8			207		
207–23	1 7/16														207–23		
HCP **208–24**	1 1/2		1 15/16	7 1/4	5 25/64	2 1/8	63/64	21/32	3/4	3 15/16	2.2165	0.8425	M14	1/2	HC208–24		
208–25	1 9/16														208–25	P 208	2.0
208		40	49.2	184	137	54	25	17	19	100	56.3	21.4			208		
HCP **209–26**	1 5/8														HC209–26		
209–27	1 11/16		2 1/8	7 15/32	5 3/4	2 1/8	55/64	21/32	25/32	4 1/4	2.2165	0.8425	M14	1/2	209–27		
209–28	1 3/4		54.0	190	146	54	22	17	20	108	56.3	21.4			209–28	P 209	2.42
209		45													209		
HCP **210–30**	1 7/8														HC210–30		
210–31	1 15/16		2 1/4	8 1/8	6 1/4	2 3/8	63/64	25/32	55/64	4 1/2	2.4685	0.9685	M16	5/8	210–31		
210		50	57.2	206	159	60	25	20	22	114	62.7	24.6			210	P 210	2.75
210–32	2														210–32		
HCP **211–32**	2														HC211–32		
211–34	2 1/8		2 1/2	8 5/8	6 47/64	2 3/8	63/64	25/32	55/64	4 31/32	2.8110	1.0940	M16	5/8	211–34		
211		55	63.5	219	171	60	25	20	22	126	71.4	27.8			211	P 211	3.55
211–35	2 3/16														211–35		
HCP **212–36**	2 1/4														HC212–36		
212		60	2 3/4	9 1/2	7 1/4	2 3/4	63/64	25/32	63/64	5 7/16	3.0630	1.2200	M16	5/8	212	P 212	5.2
212–38	2 3/8		69.8	241	184	70	25	20	25	138	77.8	31.0			212–38		
212–39	2 7/16														212–39		
HCP **213–40**	2 1/2		3	10 7/16	8	2 3/4	1 9/64	63/64	1 1/16	5 29/32	3.3740	1.3425	M20	3/4	HC213–40		
213		65	76.2	265	203	70	29	25	27	150	85.7	34.1			213	P 213	6.3
HCP **215**		75	3 1/4	10 13/16	8 17/32	2 29/32	1 7/32	63/64	1 3/32	6 13/32	3.6260	1.4685	M20	3/4	HC215		
215–47	2 15/16														215–47	P 215	7.8
215–48	3		82.6	275	217	74	31	25	28	163	92.1	37.3			215–48		

*The spherical size for HCP 201–203 is SΦ40mm

UKP 200
normal–duty

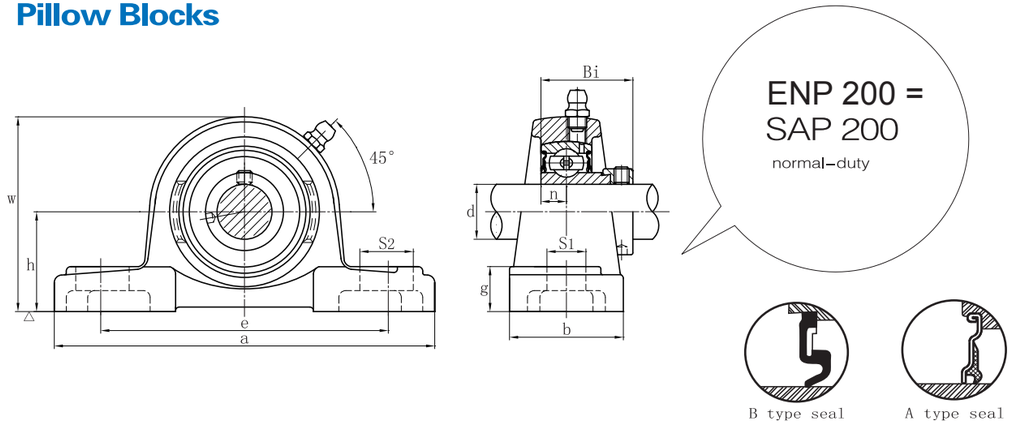




SR type seal

Bearing unit No.	Shaft Dia. d (in.)	(mm)	h	a	e	b	S2	S1	g	w	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Adapter sleeve No.	Weight (Kg)
UKP **205+HE2305**	3/4		1 7/16	5 1/2	4 1/8	1 1/2	5/8	1/2	5/8	2 3/4	1.3778	0.7677	M10	3/8	UK205	P 205	HE2305	
205+H2305		20	36.5	140	105	38	16	13	16	70	35	19.5					H2305	0.83
UKP **206+HS2306**	7/8																HS2306	
206+HA2306	15/16		1 11/16	6 1/2	4 49/64	1 7/8	53/64	21/32	45/64	3 17/64	1.4960	0.8268	M14	1/2	UK206	P 206	HA2306	1.3
206+H2306		25	42.9	165	121	48	21	17	18	83	38	21					H2306	
206+HE2306	1																HE2306	
UKP **207+HS2307**	1 1/8																HS2307	
207+H2307		30	1 7/8	6 37/64	5	1 7/8	53/64	21/32	3/4	3 45/64	1.6929	0.8858	M14	1/2	UK207	P 207	H2307	1.5
207+HA2307	1 3/16		47.6	167	127	48	21	17	19	94	43	22.5					HA2307	
UKP **208+HE2308**	1 1/4																HE2308	
208+HS2308	1 3/8		1 15/16	7 1/4	5 25/64	2 1/8	63/64	21/32	3/4	3 15/16	1.8110	0.9646	M14	1/2	UK208	P 208	HS2308	2.0
208+H2308		35	49.2	184	137	54	25	17	19	100	46	24.5					H2308	
UKP **209+HA2309**	1 7/16																HA2309	
209+HE2309	1 1/2		2 1/8	7 15/32	5 3/4	2 1/8	55/64	21/32	25/32	4 1/4	1.9685	1.0236	M14	1/2	UK209	P 209	HE2309	2.3
209+H2309		40	54.0	190	146	54	22	17	20	108	50	26					H2309	
UKP **210+HS2310**	1 5/8																HS2310	
210+HA2310	1 11/16		2 1/4	8 1/8	6 1/4	2 3/8	63/64	25/32	55/64	4 1/2	2.1654	1.0827	M16	5/8	UK210	P 210	HA2310	3.0
210+HE2310	1 3/4		57.2	206	159	60	25	20	22	114	55	27.5					HE2310	
210+H2310		45															H2310	
UKP **211+HS2311**	1 7/8																HS2311	
211+HA2311	1 15/16		2 1/2	8 5/8	6 47/64	2 3/8	63/64	25/32	55/64	4 31/32	2.3228	1.1221	M16	5/8	UK211	P 211	HA2311	
211+H2311		50	63.5	219	171	60	25	20	22	126	59	28.5					H2311	3.5
211+HE2311	2																HE2311	
UKP **212+HS2312**	2 1/8		2 3/4	9 1/2	7 1/4	2 3/4	63/64	25/32	63/64	5 7/16	2.4409	1.2205	M16	5/8	UK212	P 212	HS2312	
212+H2312		55	69.8	241	184	70	25	20	25	138	62	31					H2312	4.7
UKP **213+HA2313**	2 3/16																HA2313	
213+HE2313	2 1/4		3	10 7/16	8	2 3/4	1 9/64	63/64	1 1/16	5 29/32	2.5591	1.2992					HE2313	
213+H2313		60	76.2	265	203	70	29	25	27	150	65	33	M20	3/4	UK213	P 213	H2313	5.9
213+HS2313	2 3/8																HS2313	
UKP **215+HA2315**	2 7/16																HA2315	
215+HE2315	2 1/2		3 1/4	10 13/16	8 17/32	2 29/32	1 7/32	63/64	1 3/32	6 13/32	2.8740	1.3976	M20	3/4	UK215	P 215	HE2315	7.6
215+H2315		65	82.6	275	217	74	31	25	28	163	73	35.5					H2315	
UKP **216+HA2316**	2 11/16																HA2316	
216+HE2316	2 3/4		3 1/2	11 1/2	9 1/8	3 1/16	1 7/32	63/64	1 3/16	6 7/8	3.0709	1.5354	M20	3/4	UK216	P 216	HE2316	9.2
216+H2316		70	88.9	292	232	78	31	25	30	175	78	39					H2316	
UKP **217+HA2317**	2 15/16		3 3/4	12 7/32	9 23/32	3 9/32	1 7/32	63/64	1 1/4	7 3/8	3.2283	1.6142	M20	3/4	UK217	P 217	HA2317	
217+H2317		75	95.2	310	247	83	31	25	32	187	82	41					H2317	
217+HE2317	3																HE2317	
UKP **218+H2318**		80	4 101.6	12 7/8 327	10 5/16 262	3 5/32 88	1 19/64 33	1 1/16 27	1 11/32 34	7 7/8 200	3.3858 86	1.6535 42	M22	7/8	UK218	P 218	H2318	

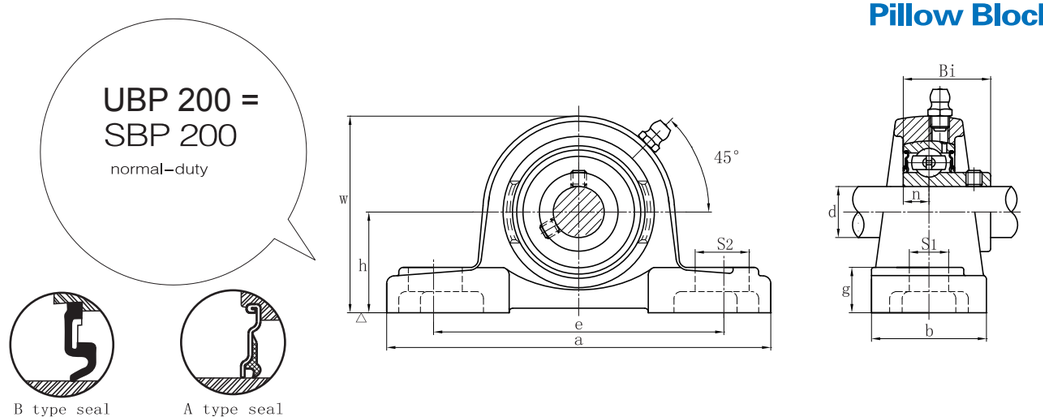
Pillow Blocks



Bearing unit No.	Shaft Dia. d (in.)	d (mm)	Dimensions(in)or(mm) h	a	e	b	S2	S1	g	w	Bi	n	Bolt used (mm)	Bolt used (in.)	Bearing No.	Housing No.	Weight (kg)
SAP **201**		12	3/16	4 59/64	3 25/32	1 17/64	5/8	15/32	33/64	2 1/4	1.1260	0.2362	M10	3/8	**SA 201**	P201	0.65
* **201–8**	1/2		30.2	125	96	32	16	12	13	57	28.6	6.0			**201–8**		
SAP **202**		15	1 3/16	4 59/64	3 25/32	1 17/64	5/8	15/32	33/64	2 1/4	1.1260	0.2362	M10	3/8	**SA 202**	P202	0.65
* **202–10**	5/8		30.2	125	96	32	16	12	13	57	28.6	6.0			**202–10**		
SAP **203**		17	1 3/16	4 59/64	3 25/32	1 17/64	5/8	15/32	33/64	2 1/4	1.1260	0.2362	M10	3/8	**SA 203**	P203	0.65
* **203–11**	11/16		30.2	125	96	32	16	12	13	57	28.6	6.0			**203–11**		
SAP **204–12**	3/4		1 5/16	5	3 3/4	1 1/2	3/4	1/2	19/32	2 9/16	1.2205	0.2756	M10	3/8	**SA 204–12**	P204	0.65
204		20	33.3	127	95	38	19	13	15	65	31.0	7.0			**204**		
SAP **205–14**	7/8														**SA 205–14**		
205–15	15/16		1 7/16	5 1/2	4 1/8	1 1/2	5/8	1/2	5/8	2 3/4	1.2205	0.2953	M10	3/8	**205–15**	P205	0.85
205		25	36.5	140	105	38	16	13	16	70	31.0	7.5			**205**		
205–16	1														**205–16**		
SAP **206–18**	1 1/8														**SA 206–18**		
206		30	1 11/16	6 1/2	4 49/64	1 7/8	53/64	21/32	45/64	3 17/64	1.4055	0.3150	M14	1/2	**206**	P206	1.4
206–19	1 3/16		42.9	165	121	48	21	17	18	83	35.7	8.0			**206–19**		
206–20	1 1/4														**206–20**		
SAP **207–20**	1 1/4														**SA 207–20**		
207–21	1 5/16														**207–21**		
207–22	1 3/8		1 7/8	6 37/64	5	1 7/8	53/64	21/32	3/4	3 45/64	1.5315	0.3346	M14	1/2	**207–22**	P207	1.68
207		35	47.6	167	127	48	21	17	19	94	38.9	8.5			**207**		
207–23	1 7/16														**207–23**		
SAP **208–24**	1 1/2														**SA 208–24**		
208–25	1 9/16		1 15/16	7 1/4	5 25/64	2 1/8	63/64	21/32	3/4	3 15/16	1.7205	0.3543	M14	1/2	**208–25**	P208	2.12
208		40	49.2	184	137	54	25	17	19	100	43.7	9.0			**208**		
SAP **209–26**	1 5/8														**SA 209–26**		
209–27	1 11/16		2 1/8	7 15/32	5 3/4	2 1/8	55/64	21/32	25/32	4 1/4	1.7205	0.3740	M14	1/2	**209–27**	P209	2.39
209–28	1 3/4		54.0	190	146	54	22	17	20	108	43.7	9.5			**209–28**		
209		45													**209**		
SAP **210–30**	1 7/8														**SA 210–30**		
210–31	1 15/16		2 1/4	8 1/8	6 1/4	2 3/8	63/64	25/32	55/64	4 1/2	1.7205	0.3937	M16	5/8	**210–31**	P210	2.59
210		50	57.2	206	159	60	25	20	22	114	43.7	10			**210**		
210–32	2														**210–32**		
SAP **211–32**	2														**SA 211–32**		
211–34	2 1/8		2 1/2	8 5/8	6 47/64	2 3/8	63/64	25/32	55/64	4 31/32	1.9055	0.4724	M16	5/8	**211–34**	P211	3.36
211		55	63.5	219	171	60	25	20	22	126	48.4	12			**211**		
211–35	2 3/16														**211–35**		
SAP **212–36**	2 1/4														**SA 212–36**		
212		60	2 3/4	9 1/2	7 1/4	2 3/4	63/64	25/32	63/64	5 7/16	2.0905	0.4724	M16	5/8	**212**	P212	5.16
212–38	2 3/8		69.8	241	184	70	25	20	25	138	53.1	12			**212–38**		
212–39	2 7/16														**212–39**		

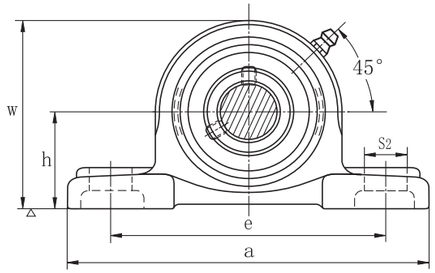
*The spherical size for SAP 201–203 is SΦ40mm

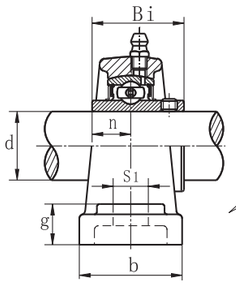
Pillow Blocks



Bearing unit No.	Shaft Dia. d (in.)	d (mm)	Dimensions(in)or(mm) h	a	e	b	S2	S1	g	w	Bi	n	Bolt used (mm)	Bolt used (in.)	Bearing No.	Housing No.	Weight (kg)
SBP **201**		12	3/16	4 59/64	3 25/32	1 17/64	5/8	15/32	33/64	2 1/4	0.8661	0.2362	M10	3/8	**SB 201**	P201	0.63
* **201–8**	1/2		30.2	125	96	32	16	12	13	57	22	6.0			**201–8**		
SBP **202**		15	1 3/16	4 59/64	3 25/32	1 17/64	5/8	15/32	33/64	2 1/4	0.8661	0.2362	M10	3/8	**SB 202**	P202	0.63
* **202–10**	5/8		30.2	125	96	32	16	12	13	57	22	6.0			**202–10**		
SBP **203**		17	1 3/16	4 59/64	3 25/32	1 17/64	5/8	15/32	33/64	2 1/4	0.8661	0.2362	M10	3/8	**SB 203**	P203	0.63
* **203–11**	11/16		30.2	125	96	32	16	12	13	57	22	6.0			**203–11**		
SBP **204–12**	3/4		1 5/16	5	3 3/4	1 1/2	3/4	1/2	19/32	2 9/16	0.9843	0.2756	M10	3/8	**SB 204–12**	P204	0.63
204		20	33.3	127	95	38	19	13	15	65	25	7.0			**204**		
SBP **205–14**	7/8														**SB 205–14**		
205–15	15/16		1 7/16	5 1/2	4 1/8	1 1/2	5/8	1/2	5/8	2 3/4	1.0630	0.2953	M10	3/8	**205–15**	P205	0.83
205		25	36.5	140	105	38	16	13	16	70	27	7.5			**205**		
205–16	1														**205–16**		
SBP **206–18**	1 1/8														**SB 206–18**		
206		30	1 11/16	6 1/2	4 49/64	1 7/8	53/64	21/32	45/64	3 17/64	1.1811	0.3150	M14	1/2	**206**	P206	1.34
206–19	1 3/16		42.9	165	121	48	21	17	18	83	30	8.0			**206–19**		
206–20	1 1/4														**206–20**		
SBP **207–20**	1 1/4														**SB 207–20**		
207–21	1 5/16														**207–21**		
207–22	1 3/8		1 7/8	6 37/64	5	1 7/8	53/64	21/32	3/4	3 45/64	1.2598	0.3346	M14	1/2	**207–22**	P207	1.57
207		35	47.6	167	127	48	21	17	19	94	32	8.5			**207**		
207–23	1 7/16														**207–23**		
SBP **208–24**	1 1/2														**SB 208–24**		
208–25	1 9/16		1 15/16	7 1/4	5 25/64	2 1/8	63/64	21/32	3/4	3 15/16	1.3386	0.3543	M14	1/2	**208–25**	P208	2.04
208		40	49.2	184	137	54	25	17	19	100	34	9.0			**208**		
SBP **209–26**	1 5/8														**SB 209–26**		
209–27	1 11/16		2 1/8	7 15/32	5 3/4	2 1/8	55/64	21/32	25/32	4 1/4	1.6220	0.3740	M14	1/2	**209–27**	P209	2.17
209–28	1 3/4		54.0	190	146	54	22	17	20	108	41.2	9.5			**209–28**		
209		45													**209**		
SBP **210–30**	1 7/8														**SB 210–30**		
210–31	1 15/16		2 1/4	8 1/8	6 1/4	2 3/8	63/64	25/32	55/64	4 1/2	1.6378	0.3937	M16	5/8	**210–31**	P210	2.48
210		50	57.2	206	159	60	25	20	22	114	41.6	10			**210**		
210–32	2														**210–32**		
SBP **211–32**	2														**SB 211–32**		
211–34	2 1/8		2 1/2	8 5/8	6 47/64	2 3/8	63/64	25/32	55/64	4 31/32	1.7835	0.4646	M16	5/8	**211–34**	P211	3.24
211		55	63.5	219	171	60	25	20	22	126	45.3	11.8			**211**		
211–35	2 3/16														**211–35**		
SBP **212–36**	2 1/4														**SB 212–36**		
212		60	2 3/4	9 1/2	7 1/4	2 3/4	63/64	25/32	63/64	5 7/16	2.1142	0.5866	M16	5/8	**212**	P212	5.26
212–38	2 3/8		69.8	241	184	70	25	20	25	138	53.7	14.9			**212–38**		
212–39	2 7/16														**212–39**		

*The spherical size for SBP 201–203 is SΦ40mm





UCP X00

medium-duty

SR type seal

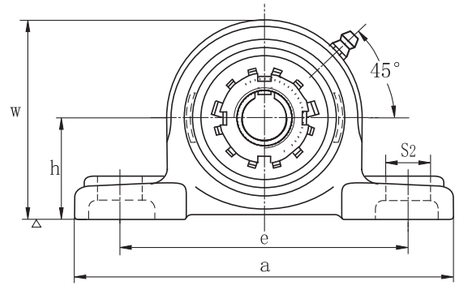
TRL type seal

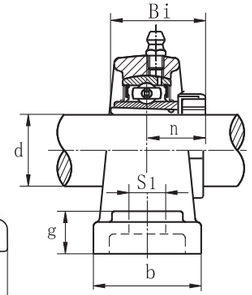
Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions (in) or (mm) h	a	e	b	S2	S1	g	w	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	weight (kg)
UCP **X05**		25													UC X05		
X05–14	7/8		1 3/4	6 1/4	4 11/16	2	51/64	21/32	45/64	3 11/32	1.5000	0.6260	M14	1/2	X05–14	PX05	1.50
X05–16	1		44.4	159	119	51	20	17	18	85	38.1	15.9			X05–16		
UCP **X06**		30													UC X06		
X06–18	1 1/8		1 7/8	6 7/8	5	2 1/4	51/64	21/32	25/32	3 45/64	1.6890	0.6890	M14	1/2	X06–18	PX06	2.00
X06–19	1 3/16										42.9	17.5			X06–19		
X06–20	1 1/4		47.6	175	127	57	20	17	20	94					X06–20		
UCP **X07–20**	1 1/4														UC X07–20		
X07–22	1 3/8		2 1/8	8	5 21/32	2 1/4	63/64	21/32	55/64	4 1/8	1.9370	0.7480	M14	1/2	X07–22	PX07	2.70
X07		35	54.0	203	144	57	25	17	22	105	49.2	19.0			X07		
X07–23	1 7/16														X07–23		
UCP **X08–24**	1 1/2		2 5/16	8 3/4	6 5/32	2 5/8	1 1/16	25/32	1 1/32	4 29/64	1.9370	0.7480	M16	5/8	UC X08–24	PX08	3.50
X08		40	58.7	222	156	67	27	20	26	113	49.2	19.0			X08		
UCP **X09–26**	1 5/8														UC X09–26		
X09–27	1 11/16		2 5/16	8 3/4	6 5/32	2 5/8	1 1/16	25/32	1 1/32	4 9/16	2.0315	0.7480	M16	5/8	X09–27	PX09	3.60
X09–28	1 3/4		58.7	222	156	67	27	20	26	116	51.6	19.0			X09–28		
X09		45													X09		
UCP **X10–31**	1 15/16		2 1/2	9 1/2	6 23/32	2 7/8	1 3/16	25/32	1 1/16	4 31/32	2.1890	0.8740	M16	5/8	UC X10–31	PX10	4.40
X10		50	63.5	241	171	73	30	20	27	126	55.6	22.2			X10		
X10–32	2														X10–32		
UCP **X11**		55													UC X11		
X11–32	2		2 3/4	10 1/4	7 1/4	3 1/8	1 3/16	63/64	1 3/16	5 15/32	2.5630	1.0000	M20	3/4	X11–32	PX11	6.30
X11–35	2 3/16		69.8	260	184	79	30	25	30	139	65.1	25.4			X11–35		
X11–36	2 1/4														X11–36		
UCP **X12**		60													UC X12		
X12–36	2 1/4		3	11 1/4	8	3 9/32	1 3/16	63/64	1 17/64	5 31/32	2.5630	1.0000	M20	3/4	X12–36	PX12	7.40
X12–38	2 3/8		76.2	286	203	83	30	25	32	152	65.1	25.4			X12–38		
X12–39	2 7/16														X12–39		
UCP **X13–40**	2 1/2		3	11 1/4	8	3 9/32	1 3/16	63/64	1 17/64	6 1/16	2.9370	1.1890	M20	3/4	UC X13–40	PX13	7.70
X13		65	76.2	286	203	83	30	25	32	154	74.6	30.2			X13		
UCP **X14–44**	2 3/4		3 1/2	13	9 1/32	3 1/2	1 37/64	1 1/16	1 3/8	6 23/32	3.0630	1.3110	M22	7/8	UC X14–44	PX14	10.60
X14		70	88.9	330	229	89	40	27	35	171	77.8	33.3			X14		
UCP **X15**		75	3 1/2	13	9 1/32	3 1/2	1 37/64	1 1/16	1 3/8	6 7/8	3.2520	1.3110	M22	7/8	UC X15		
X15–47	2 15/16														X15–47	PX15	11.10
X15–48	3		88.9	330	229	89	40	27	35	175	82.6	33.3			X15–48		
UCP **X16**		80	4	15	11 5/32	4 1/32	1 37/64	1 1/16	1 21/32	7 11/16	3.3740	1.3425	M22	7/8	UC X16		
X16–50	3 1/8		101.6	381	283	102	40	27	42	195	85.7	34.1			X16–50	PX16	16.20
UCP **X17**		85	4	15	11 5/32	4 1/32	1 37/64	1 1/16	1 49/64	7 7/8	3.7795	1.5630	M22	7/8	UC X17		
X17–52	3 1/4		101.6	381	283	102	40	27	45	200	96.0	39.7			X17–52	PX17	16.50
UCP **X18–56**	3 1/2		4	15	11 5/32	4 3/8	1 37/64	1 1/16	1 49/64	8 1/32	4.0945	1.6890	M22	7/8	UC X18–56	PX18	18.00
X18		90	101.6	381	283	111	40	27	45	204	104.0	42.9			X18		
UCP **X20**		100	5	17	13 9/32	4 3/4	1 37/64	1 5/16	2 3/64	9 21/32	4.6260	1.9370	M27	1	UC X20	PX20	31.80
X20–64	4		127.0	432	337	121	40	33	52	245	117.5	49.2			X20–64		

UKP X00

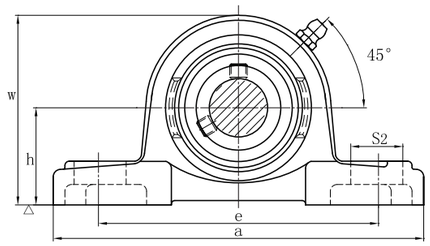
medium-duty

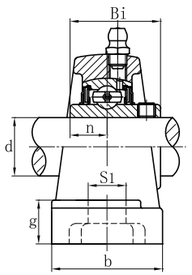
SR type seal





Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions (in) or (mm) h	a	e	b	S2	S1	g	w	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	weight (kg)
UKP **X05+HE2305**	3/4		1 3/4	6 1/4	4 11/16	2	51/64	21/32	45/64	3 11/32	1.3778	0.7677	M14	1/2	UK X05	PX05	1.60
X05+H2305		20	44.4	159	119	51	20	17	18	85	35	19.5					
UKP **X06+HS2306**	7/8																
X06+HA2306	15/16		1 7/8	6 7/8	5	2 1/4	51/64	21/32	25/32	3 45/64	1.4960	0.8268	M14	1/2	UK X06	PX06	2.10
X06+H2306		25	47.6	175	127	57	20	17	20	94	38	21					
X06+HE2306	1																
UKP **X07+HS2307**	1 1/8		2 1/8	8	5 21/32	2 1/4	25/32	21/32	13/16	4 1/8	1.6929	0.8858	M14	1/2	UK X07	PX07	2.70
X07+H2307		30	54.0	203	144	57	20	17	21	105	43	22.5					
X07+HA2307	1 3/16																
UKP **X08+HE2308**	1 1/4		2 5/16	8 3/4	6 5/32	2 5/8	29/32	25/32	1 1/32	4 29/64	1.8110	0.9646	M16	5/8	UK X08	PX08	3.50
X08+HS2308	1 3/8		58.7	222	156	67	23	20	26	113	46	24.5					
X08+H2308		35															
UKP **X09+HA2309**	1 7/16		2 5/16	8 3/4	6 5/32	2 5/8	29/32	25/32	1 1/32	4 9/16	1.9685	1.0236	M16	5/8	UK X09	PX09	3.70
X09+HE2309	1 1/2		58.7	222	156	67	23	20	26	116	50	26					
X09+H2309		40															
UKP **X10+HS2310**	1 5/8		2 1/2	9 1/2	6 23/32	2 7/8	29/32	25/32	1 1/16	4 31/32	2.1654	1.0827	M16	5/8	UK X10	PX10	4.30
X10+HA2310	1 11/16		63.5	241	171	73	23	20	27	126	55	27.5					
X10+HE2310	1 3/4																
X10+H2310		45															
UKP **X11+HS2311**	1 7/8		2 3/4	10 1/4	7 1/4	3 1/8	1 3/32	63/64	1 3/16	5 15/32	2.3228	1.1221	M20	3/4	UK X11	PX11	5.8
X11+HA2311	1 15/16		69.8	260	184	79	28	25	30	139	59	28.5					
X11+H2311		50															
X11+HE2311	2																
UKP **X12+HS2312**	2 1/8		3	11 1/4	8	3 9/32	1 3/32	63/64	1 5/16	5 31/32	2.4409	1.2205	M20	3/4	UK X12	PX12	7.10
X12+H2312		55	76.2	286	203	83	28	25	33	152	62	31					
UKP **X13+HA2313**	2 3/16																
X13+HE2313	2 1/4		3	11 1/4	8	3 9/32	1 3/32	63/64	1 5/16	6 1/16	2.5591	1.2992	M20	3/4	UK X13	PX13	7.20
X13+H2313		60	76.2	286	203	83	28	25	33	154	65	33					
X13+HS2313	2 3/8																
UKP **X15+HA2315**	2 7/16		3 1/2	13	9 1/32	3 1/2	1 3/16	1 1/16	1 3/8	6 7/8	2.8740	1.3976	M22	7/8	UK X15	PX15	11.50
X15+HE2315	2 1/2		88.9	330	229	89	30	27	35	175	73	35.5					
X15+H2315		65															
UKP **X16+HA2316**	2 11/16		4	15	11 5/32	4 1/32	1 3/16	1 1/16	1 9/16	7 11/16	3.0709	1.5354	M22	7/8	UK X16	PX16	17.40
X16+HE2316	2 3/4		101.6	381	283	102	30	27	40	195	78	39					
X16+H2316		70															
UKP **X17+HA2317**	2 15/16		4	15	11 5/32	4 1/32	1 3/16	1 1/16	1 9/16	7 7/8	3.2283	1.6142	M22	7/8	UK X17	PX17	17.00
X17+H2317		80	101.6	381	283	102	30	27	40	200	82	41					
X17+HE2317	3																
UKP **X18+H2318**		85	4	15	11 5/32	4 3/8	1 3/16	1 1/16	1 9/16	8 1/32	3.3858	1.6535	M22	7/8	UK X18	PX18	16.70
			101.6	381	283	111	30	27	40	204	86	42					
UKP **X20+HE2320**	3 1/2		5	17	13 9/32	4 3/4	1 13/32	1 5/16	1 25/32	9 21/32	3.8189	2.2047	M27	1	UK X20	PX20	32.10
X20+H2320		90	127.0	432	337	121	36	33	45	245	97	56					





UCP 300
heavy-duty

SR type seal

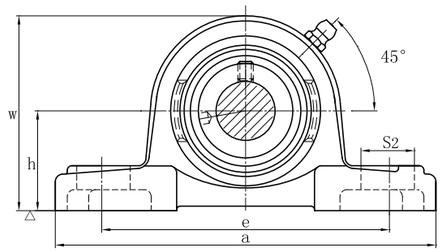
TRL type seal

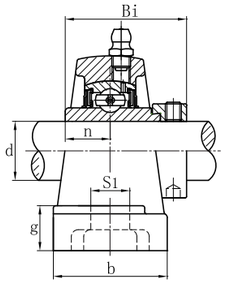
EWP 300 =
HCP 300
Heavy-duty

SR type seal

TRL type seal

Pillow Blocks

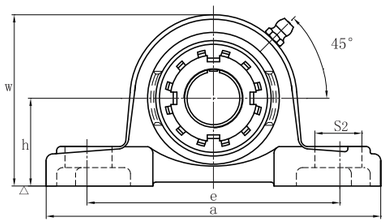


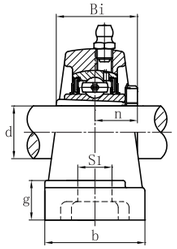


Bearing unit No.	Shaft Dia. d (in)	d (mm)	h	a	e	b	S2	S1	g	w	Bi	n	Bolt used (mm)	Bolt used (in.)	Bearing No.	Housing No.	weight (kg)
UCP 305		25													UC 305		
305–14	7/8		1 49/64	6 7/8	5 3/16	3/4	25/32	21/32	5/8	3 11/32	1.4961	0.5906	M14	1/2	305–14	P 305	1.6
305–16	1		45	175	132	45	20	17	16	85	38	15			305–16		
UCP 306–18	1 1/8		1 31/32	7 3/32	5 1/2	1 31/32	25/32	21/32	3/4	3 3/4	1.6929	0.6693			UC 306–18		
306		30	50	180	140	50	20	17	19	95	43	17	M14	1/2	306	P 306	2.1
306–19	1 3/16														306–19		
UCP 307–20	1 1/4														UC 307–20		
307–22	1 3/8		2 13/64	8 9/32	6 5/16	2 7/32	63/64	21/32	53/64	4 9/64	1.8897	0.7480			307–22	P 307	2.8
307		35	56	210	160	56	25	17	21	105	48	19	M14	1/2	307		
307–23	1 7/16														307–23		
UCP 308–24	1 1/2		2 23/64	8 21/32	6 11/16	2 3/8	1 1/16	21/32	29/32	4 9/16	2.0472	0.7480			UC 308–24		
308		40	60	220	170	60	27	17	23	116	52	19	M14	1/2	308	P 308	3.6
UCP 309–28	1 3/4		2 41/64	9 21/32	7 15/32	2 5/8	1 3/16	25/32	63/64	5 3/64	2.2441	0.8661			UC 309–28		
309		45	67	245	190	67	30	20	25	128	57	22	M16	5/8	309	P 309	4.7
UCP 310–31	1 15/16		2 61/64	10 13/16	8 11/32	2 15/32	1 3/8	25/32	2 7/64	5 5/8	2.4015	0.8661			UC 310–31		
310		50	75	275	212	75	35	20	28	143	61	22	M16	5/8	310	P 310	6.4
UCP 311–32	2		3 5/32	12 7/32	9 9/32	3 5/32	1 1/2	25/32	7/32	6 1/16	2.5984	0.9842			UC 311–32		
311		55	80	310	236	80	38	20	31	154	66	25	M16	5/8	311	P 311	7.8
UCP 312		60	3 11/32	13	9 27/32	3 11/32	1 1/2	63/64	1 5/16	6 1/2	2.7953	1.0236			UC 312		
312–36	2 1/4		85	330	250	85	38	25	33	165	71	26	M20	3/4	312–36	P 312	9.4
UCP 313–40	2 1/2		3 35/64	13 3/8	10 1/4	3 17/32	1 1/2	63/64	1 3/32	6 55/64	2.9528	1.1811			UC 313–40		
313		65	90	340	260	90	38	25	36	174	75	30	M20	3/4	313	P 313	10.3
UCP 314–44	2 3/4		3 47/64	14 3/16	11 1/32	3 17/32	1 9/16	1 1/16	1 9/16	7 21/64	3.0709	1.2992			UC 314–44		
314		70	95	360	280	90	40	27	40	186	78	33	M22	7/8	314	P 314	11.9
UCP 315		75													UC 315		
315–47	2 15/16		3 15/16	14 31/32	11 13/32	3 15/16	1 9/16	1 1/16	1 9/16	7 3/4	3.2283	1.2598			315–47	P 315	14.5
315–48	3		100	380	290	100	40	27	40	197	82	32	M22	7/8	315–48		
UCP 316		80	4 11/64	15 3/4	11 13/16	4 11/32	1 9/16	1 1/16	1 49/64	8 15/64	3.3858	1.3386			UC 316		
316–50	3 1/8		106	400	300	110	40	27	45	209	86	34	M22	7/8	316–50	P 316	17.1
UCP 317		85	4 13/32	16 17/32	12 19/32	4 11/32	1 25/32	1 5/16	1 49/64	8 45/64	3.7795	1.5748			UC 317		
317–52	3 1/4		112	420	320	110	45	33	45	221	96	40	M27	1	317–52	P 317	19.2
UCP 318–56	3 1/2		4 41/64	16 15/16	13	4 11/32	1 25/32	1 5/16	1 31/32	9 11/64	3.7795	1.5748			UC 318–56		
318		90	118	430	330	110	45	33	50	233	96	40	M27	1	318	P 318	21.1
UCP 319		95	4 59/64	18 1/2	14 3/16	4 23/32	1 31/32	1 13/32	1 31/32	9 27/32	4.0551	1.6142			UC 319		
			125	470	360	120	50	36	50	250	103	41	M30	1 1/8		P 319	28.2
UCP 320		100	5 33/64	19 9/32	14 31/32	4 23/32	1 31/32	1 13/32	1 5/32	10 53/64	4.2519	1.6535			UC 320		
320–64	4		140	490	380	120	50	36	55	275	108	42	M30	1 1/8	320–64	P 320	34.8
UCP 322		110	5 29/32	20 15/32	15 3/4	5 1/2	2 5/32	1 9/16	2 3/8	11 39/64	4.6063	1.8110			UC 322		
			150	520	400	140	55	40	60	295	117	46	M33	1 1/4		P 322	43.2
UCP 324		120	6 19/64	22 7/16	17 23/32	5 1/2	2 5/32	1 9/16	2 3/4	12 41/64	4.9606	2.0079			UC 324		
			160	570	450	140	55	40	70	321	126	51	M33	1 1/4		P 324	54.0
UCP 326		130	7 3/32	23 5/8	18 29/32	5 1/2	2 5/32	1 9/16	3 5/32	13 15/16	5.3150	2.1260			UC 326		
			180	600	480	140	55	40	80	354	135	54	M33	1 1/4		P 326	72.1
UCP 328		140	7 7/8	24 13/32	19 11/16	5 1/2	2 5/32	1 9/16	3 5/32	15 9/32	5.7086	2.3228			UC 328		
			200	620	500	140	55	40	80	388	145	59	M33	1 1/4		P 328	91.2

Bearing unit No.	Shaft Dia. d (in.)	d (mm)	h	a	e	b	S2	S1	g	w	Bi	n	Bolt used (mm)	Bolt used (in.)	Bearing No.	Housing No.	weight (kg)
HCP 305		25													HC 305		
305–14	7/8		1 49/64	6 7/8	5 3/16	1 3/4	25/32	21/32	5/8	3 11/32	1.8425	0.6575			305–14	P 305	1.4
305–16	1		45	175	132	45	20	17	16	85	46.8	16.7	M14	1/2	305–16		
HCP 306–18	1 1/8														HC 306–18		
306		30	1 31/32	7 3/32	5 1/2	1 31/32	25/32	21/32	3/4	3 3/4	1.9685	0.6890			306	P 306	2.2
306–19	1 3/16		50	180	140	50	20	17	19	95	50	17.5	M14	1/2	306–19		
HCP 307–20	1 1/4														HC 307–20		
307–22	1 3/8		2 13/64	8 9/32	6 5/16	2 7/32	63/64	21/32	53/64	4 9/64	2.0315	0.7205			307–22	P 307	2.9
307		35	56	210	160	56	25	17	21	105	51.6	18.3	M14	1/2	307		
307–23	1 7/16														307–23		
HCP 308–24	1 1/2		2 23/64	8 21/32	6 11/16	2 3/8	1 1/16	21/32	29/32	4 9/16	2.2480	0.7795			HC 308–24		
308		40	60	220	170	60	27	17	23	116	57.1	19.8	M14	1/2	308	P 308	3.7
HCP 309–28	1 3/4		2 41/64	9 21/32	7 15/32	2 5/8	1 3/16	25/32	63/64	5 3/64	2.3110	0.7795			HC 309–28		
309		45	67	245	190	67	30	20	25	128	58.7	19.8	M16	5/8	309	P 309	4.8
HCP 310–31	1 15/16		2 61/64	10 13/16	8 11/32	2 15/32	1 3/8	25/32	1 7/64	5 5/8	2.6220	0.9685			HC 310–31		
310		50	75	275	212	75	35	20	28	143	66.6	24.6	M16	5/8	310	P 310	6.6
HCP 311–32	2		3 5/32	12 7/32	9 9/32	3 5/32	1 1/2	25/32	1 7/32	6 1/16	2.8740	1.0945			HC 311–32		
311		55	80	310	236	80	38	20	31	154	73	27.8	M16	5/8	311	P 311	8.1
HCP 312		60	3 11/32	13	9 27/32	3 11/32	1 1/2	63/64	1 5/16	6 1/2	3.1260	1.2185			HC 312		
312–36	2 1/4		85	330	250	85	38	25	33	165	79.4	30.95	M20	3/4	312–36	P 312	9.7
HCP 313–40	2 1/2		3 35/64	13 3/8	10 1/4	3 17/32	1 1/2	63/64	1 3/32	6 55/64	3.3740	1.2795			HC 313–40		
313		65	90	340	260	90	38	25	36	174	85.7	32.5	M20	3/4	313	P 313	11.3
HCP 314–44	2 3/4		3 47/64	14 3/16	11 1/32	3 17/32	1 9/16	1 1/16	1 9/16	7 21/64	3.6260	1.3445			HC 314–44		
314		70	95	360	280	90	40	27	40	186	92.1	34.15	M22	7/8	314	P 314	11.9
HCP 315		75													HC 315		
315–47	2 15/16		3 15/16	14 31/32	11 13/32	3 15/16	1 9/16	1 1/16	1 9/16	7 3/4	3.9370	1.4685			315–47	P 315	15.5
315–48	3		100	380	290	100	40	27	40	197	100	37.3	M22	7/8	315–48		
HCP 316		80	4 11/64	15 3/4	11 13/16	4 11/32	1 9/16	1 1/16	1 49/64	8 15/64	4.1890	1.5945			HC 316		
316–50	3 1/8		106	400	300	110	40	27	45	209	106.4	40.5	M22	7/8	316–50	P 316	18.1
HCP 317		85	4 13/32	16 17/32	12 19/32	4 11/32	1 25/32	1 5/16	1 49/64	8 45/64	4.3110	1.6535			HC 317		
317–52	3 1/4		112	420	320	110	45	33	45	221	109.5	42	M27	1	317–52	P 317	20.2
HCP 318–56	3 1/2		4 41/64	16 15/16	13	4 11/32	1 25/32	1 5/16	1 31/32	9 11/64	4.5630	1.7165			HC 318–56		
318		90	118	430	330	110	45	33	50	233	115.9	43.6	M27	1	318	P 318	22.1
HCP 319		95	4 59/64	18 1/2	14 3/16	4 23/32	1 31/32	1 13/32	1 31/32	9 27/32	4.8150	1.8425			HC 319		
319–60			125	470	360	120	50	36	50	250	122.3	46.8	M30	1 1/8		P 319	29.2
HCP 320		100	5 33/64	19 9/32	14 31/32	4 23/32	1 31/32	1 13/32	2 5/32	10 53/64	5.0630	1.9685			HC 320		
320–64	4		140	490	380	120	50	36	55	275	128.6	50	M30	1 1/8	320–64	P 320	36.8

Pillow blocks





SR type seal

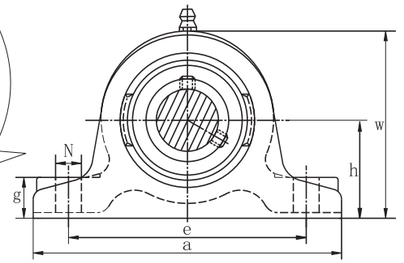
UKP 300
heavy–duty

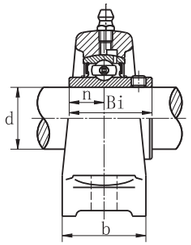
Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) h	a	e	b	S2	S1	g	w	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
UKP 305+HE2305	3/4		1 49/64	6 7/8	5 3/16	1 3/4	25/32	21/32	5/8	3 11/32	1.3778	0.7677	M14	1/2	UK 305	P305	1.6
305+H2305		20	45	175	132	45	20	17	16	85	35	19.5					
UKP 306+HS2306	7/8		1 31/32	7 3/32	5 1/2	1 31/32	25/32	21/32	3/4	3 3/4	1.4960	0.8268	M14	1/2	UK 306	P306	1.9
306+HA2306	15/16																
306+H2306		25	50	180	140	50	20	17	19	95	38	21					
306+HE2306	1																
UKP 307+HS2307	1 1/8		2 13/64	8 9/32	6 5/16	2 7/32	63/64	21/32	53/64	4 9/64	1.6929	0.8858	M14	1/2	UK 307	P307	2.7
307+H2307		30	56	210	160	56	25	17	21	105	43	22.5					
307+HA2307	1 3/16																
UKP 308+HE2308	1 1/4		2 23/64	8 21/32	6 11/16	2 3/8	1 1/16	21/32	29/32	4 9/16	1.8110	0.9646	M14	1/2	UK 308	P308	3.0
308+HS2308	1 3/8																
308+H2308		35	60	220	170	60	27	17	23	116	46	24.5					
UKP 309+HA2309	1 7/16		2 41/64	9 21/32	7 15/32	2 5/8	1 3/16	25/32	63/64	5 3/64	1.9685	1.0236	M16	5/8	UK 309	P309	4.6
309+HE2309	1 1/2																
309+H2309		40	67	245	190	67	30	20	25	128	50	26					
UKP 310+HS2310	1 5/8		2 61/64	10 13/16	8 11/32	2 15/32	1 3/8	25/32	1 7/64	5 5/8	2.1654	1.0827	M16	5/8	UK 310	P310	6.2
310+HA2310	1 11/16																
310+HE2310	1 3/4																
310+H2310		45	75	275	212	75	35	20	28	143	55	27.5					
UKP 311+HS2311	1 7/8		3 5/32	12 7/32	9 9/32	3 5/32	1 1/2	25/32	1 7/32	1 6/16	2.3228	1.1221	M16	5/8	UK 311	P311	7.6
311+HA2311	1 15/16																
311+H2311		50	80	310	236	80	38	20	31	154	59	28.5					
311+HE2311	2																
UKP 312+HS2312	2 1/8		3 11/32	13	9 27/32	3 11/32	1 1/2	63/64	1 5/16	6 1/2	2.4409	1.2205	M20	3/4	UK 312	P312	9.3
312+H2312		55	85	330	250	85	38	25	33	165	62	31					
UKP 313+HA2313	2 3/16		3 35/64	13 3/8	10 1/4	3 17/32	1 1/2	63/64	1 3/32	6 55/64	2.5591	1.2992	M20	3/4	UK 313	P313	9.8
313+HE2313	2 1/4																
313+H2313		60	90	340	260	90	38	25	36	174	65	33					
313+HS2313	2 3/8																
UKP 315+HA2315	2 7/16		3 15/16	14 31/32	11 13/32	3 15/16	1 9/16	1 1/16	1 9/16	7 3/4	2.8740	1.3976	M22	7/8	UK 315	P315	13.7
315+HE2315	2 1/2																
315+H2315		65	100	380	290	100	40	27	40	197	73	35.5					
UKP 316+HA2316	2 11/16		4 11/64	15 3/4	11 13/16	4 11/32	1 9/16	1 1/16	1 49/64	8 15/64	3.0709	1.5354	M22	7/8	UK 316	P316	16.6
316+HE2316	2 3/4																
316+H2316		70	106	400	300	110	40	27	45	209	78	39					
UKP 317+HA2317	2 15/16		4 13/32	16 17/32	12 19/32	4 11/32	1 25/32	1 5/16	1 49/64	8 45/64	3.2283	1.6142	M27	1	UK 317	P317	18.6
317+H2317		75	112	420	320	110	45	33	45	221	82	41					
317+HE2317	3																
UKP 318+H2318		80	4 41/64	16 15/16	13	4 11/32	1 25/32	1 5/16	1 31/32	9 11/64	3.3858	1.6535	M27	1	UK 318	P318	21.1
			118	430	330	110	45	33	50	233	86	42					
UKP 319+HE2319	3 1/4		4 59/64	18 1/2	14 3/16	4 23/32	1 31/32	1 13/32	1 31/32	9 27/32	3.5433	2.0472	M30	1 1/8	UK 319	P319	26.5
319+H2319		85	125	470	360	120	50	36	50	250	90	52					
UKP 320+HE2320	3 1/2		5 33/64	19 3/32	14 31/32	4 23/32	1 31/32	1 13/32	2 3/32	10 53/64	3.8189	2.2047	M30	1 1/8	UK 320	P320	34.3
320+H2320		90	140	490	380	120	50	36	55	275	97	56					
UKP 322+H2322		100	5 29/32	20 15/32	15 3/4	5 1/2	2 5/32	1 9/16	2 3/8	11 39/64	4.1339	2.4016	M33	1 1/4	UK 322	P322	42.6
			150	520	400	140	55	40	60	295	105	61					
UKP 324+H2324		110	6 19/64	22 1/16	17 23/32	5 1/2	2 5/32	1 9/16	2 3/4	12 41/64	4.4094	2.5590	M33	1 1/4	UK 324	P324	53.0
			160	570	450	140	55	40	70	321	112	65					
UKP 326+H2326		115	7 3/32	23 5/8	18 29/32	5 1/2	2 5/32	1 9/16	3 5/32	13 15/16	4.7638	2.7165	M33	1 1/4	UK 326	P326	72.4
			180	600	480	140	55	40	80	354	121	69					
UKP 328+H2328		125	7 7/8	24 13/32	19 11/16	5 1/2	2 5/32	1 9/16	3 5/32	15 9/32	5.1575	2.8740	M33	1 1/4	UK 328	P328	89.4
			200	620	500	140	55	40	80	388	131	73					

Pillow blocks With Reinforce

UCIP 300
heavy–duty

UCIP 200
normal–duty



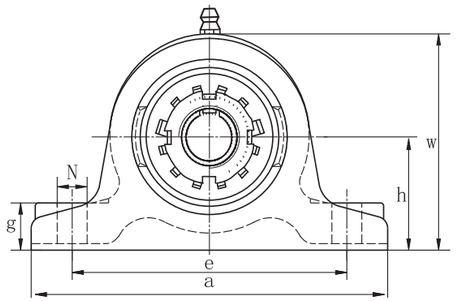


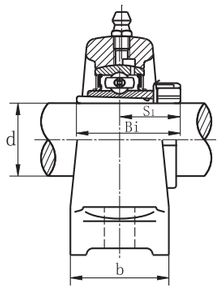
SR type seal

TRL type seal

Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) h	a	e	b	N	g	w	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
UCIP 208–24	1 1/2		2 23/64	7 7/8	5 29/32	2 23/64	3/4	63/64	4 17/32	1.9370	0.7480	M16	5/8	UC 208–24		
208–25	1 9/16													208–25	IP 208	3.6
208		40	60	200	150	60	19	25	115	49.2	19.0			208		
UCIP 209–27	1 11/16		2 3/4	7 7/8	6 19/64	2 23/64	3/4	63/64	5 3/64	1.9370	0.7480	M16	5/8	UC 209–27		
209–28	1 3/4													209–28	IP 209	3.8
209		45	70	210	160	60	19	25	128	49.2	19.0			209		
UCIP 210–30	1 7/8		2 3/4	8 21/32	6 11/16	2 23/64	3/4	1 7/64	5 13/64	2.0315	0.7480	M16	5/8	UC 210–30		
210–31	1 15/16													210–31	IP 210	4.4
210		50	70	220	170	60	19	28	132	51.6	19.0			210		
UCIP 211–32	2		3 5/32	9 1/16	7 3/32	2 23/64	3/4	1 7/64	5 53/64	2.1890	0.8740	M16	5/8	UC 211–32		
211–34	2 1/8													211–34		
211		55	80	230	180	60	19	28	148	55.6	22.2			211	IP 211	5.5
211–35	2 3/16													211–35		
UCIP 212–36	2 1/4		3 5/32	10 15/64	7 7/8	2 3/4	55/64	1 3/16	6 7/64	2.5630	1.0000	M20	3/4	UC 212–36		
212–38	2 3/8													212–38		
212		60	80	260	200	70	22	30	155	65.1	25.4			212	IP 212	5.9
212–39	2 7/16													212–39		
UCIP 213–40	2 1/2		3 35/64	11 1/32	8 21/32	2 3/4	55/64	1 3/16	6 25/32	2.5630	1.0000	M20	3/4	UC 213–40		
213		65	90	280	220	70	22	30	172	65.1	25.4			213	IP 212	7.5
UCIP 313		65	4 21/64	12 13/64	9 27/32	2 3/4	55/64	1 3/16	8 3/16	2.9528	1.1881	M20	3/4	UC 313	IP 313	12.4
			110	310	250	70	22	30	208	75	30					
UCIP 314		70	4 21/64	13	10 5/8	2 61/64	63/64	1 3/8	8 15/32	3.0709	1.2992	M22	7/8	UC 314	IP 314	14.9
			110	330	270	75	25	35	215	78	33					
UCIP 315		75	4 23/32	13 25/64	11 1/32	2 61/64	63/64	1 3/8	9 1/16	3.2283	1.2598	M22	7/8	UC 315	IP 315	16.2
			120	340	280	75	25	35	230	82	32					
UCIP 316		80	4 23/32	13 25/32	11 27/64	3 11/32	63/64	1 37/64	9 1/4	3.3858	1.3386	M22	7/8	UC 316	IP 316	20.8
			120	350	290	85	25	40	235	86	34					
UCIP 317		85	5 1/8	14 9/16	12 13/64	3 11/32	63/64	1 37/64	10 3/64	3.7795	1.5748	M22	7/8	UC 317	IP 317	23.1
			130	370	310	85	25	40	255	96	40					
UCIP 318		90	5 1/8	15 3/4	13	3 11/32	1 9/64	1 25/32	10 15/64	3.7795	1.5748	M24	15/16	UC 318	IP 318	25.7
			130	400	330	85	29	45	260	96	40					
UCIP 319		95	5 29/32	16 9/64	13 25/64	3 11/32	1 9/64	1 25/32	11 15/64	4.0551	1.6142	M24	15/16	UC 319	IP 319	29.7
			150	410	340	85	29	45	285	103	41					
UCIP 320		100	5 29/32	16 15/16	14 11/64	3 11/32	1 9/64	1 25/32	11 5/8	4.2519	1.6535	M24	15/16	UC 320	IP 320	33.4
			150	430	360	85	29	45	295	108	42					
UCIP 322		110	6 11/16	19 9/64	16 9/64	3 15/16	1 17/64	1 31/32	13 3/16	4.6063	1.8110	M27	1	UC 322	IP 322	50.4
			170	490	410	100	32	50	335	117	46					
UCIP 324		120	6 11/16	20 5/64	16 15/16	3 15/16	1 17/64	1 31/32	13 19/32	4.9606	2.0079	M27	1	UC 324	IP 324	56.8
			170	510	430	100	32	50	345	126	51					
UCIP 326		130	7 7/8	21 21/32	18 1/2	4 21/64	1 17/64	1 31/32	15 23/64	5.3150	2.1260	M27	1	UC 326	IP 326	73.2
			200	550	470	110	32	50	390	135	54					
UCIP 328		140	7 7/8	23 15/64	19 11/16	4 21/64	1 3/8	2 11/64	15 3/4	5.7086	2.3228	M30	1 1/8	UC 328	IP 328	83.5
			200	590	500	110	35	55	400	145	59					

Pillow blocks With Reinforce





UKIP 200
normal–duty

UKIP 3 00
heavy–duty

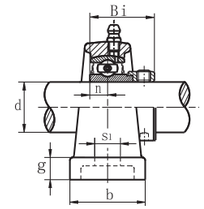
SR type seal

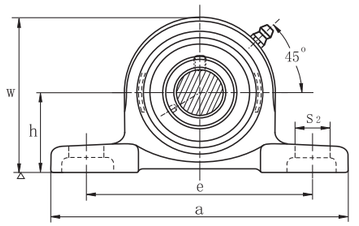
Bearing unit No.	Shaft Dia. d (in.)	d (mm)	h	a	e	b	N	g	W	Bi	S1	Bolt used (mm)	Bolt used (in.)	Bearing No.	Adapter sleeve No.	Housing No.	Weight (kg)
UKIP 208+HE2308	1 1/4		2 23/64	7 7/8	5 29/32	2 23/64	3/4	63/64	4 17/32	1.8125	0.9646	M16	5/8	UK208	HE2308	IP208	3.7
208+HS2308	1 3/8														HS2308		
208+H2308		35	60	200	150	60	19	25	115	46	24.5				H2308		
UKIP 209+HA2309	1 7/16		2 3/4	7 7/8	6 19/64	2 23/64	3/4	63/64	5 3/64	1.9687	1.0236	M16	5/8	UK209	HA2309	IP209	3.9
209+HE2309	1 1/2														HE2309		
209+H2309		40	70	210	160	60	19	25	128	50	26				H2309		
UKIP 210+HS2310	1 5/8		2 3/4	8 21/32	6 11/16	2 23/64	3/4	1 7/64	5 13/64	2.1718	1.0827	M16	5/8	UK210	HS2310	IP210	4.6
210+HE2310	1 3/4														HE2310		
210+H2310		45	70	220	170	60	19	28	132	55	27.5				H2310		
UKIP 211+HS2311	1 7/8		3 5/32	9 1/16	7 3/32	2 23/64	3/4	1 7/64	5 53/64	2.3281	1.1221	M16	5/8	UK211	HS2311	IP211	5.6
211+HA2311	1 15/16														HA2311		
211+H2311		50	80	230	180	60	19	28	148	59	28.5				H2311		
211+HE2311	2														HE2311		
UKIP 212+HS2312	2 1/8		3 5/32	10 15/64	7 7/8	2 3/4	55/64	1 3/16	6 7/64	2.4375	1.2205	M20	3/4	UK212	HS2312	IP212	5.9
212+H2312		55	80	260	200	70	22	30	155	62	31				H2312		
UKIP 213+HA2313	2 3/16		3 35/64	11 1/32	8 21/32	2 3/4	55/64	1 3/16	6 25/32	2.5625	1.2992	M20	3/4	UK213	HA2313	IP213	7.7
213+HE2313	2 1/4														HE2313		
213+H2313		60	90	280	220	70	22	30	172	65	33				H2313		
213+HS2313	2 3/8														HS2313		
UKIP 313+HA2313	2 3/16		4 21/64	12 13/64	9 27/32	2 3/4	55/64	1 3/16	8 3/16	2.5625	1.2992	M20	3/4	UK313	HA2313	IP313	12.4
313+HE2313	2 1/4														HE2313		
313+H2313		60	110	310	250	70	22	30	208	65	33				H2313		
313+HS2313	2 3/8														HS2313		
UKIP 315+HA2315	2 7/16		4 23/32	13 25/64	11 1/32	2 61/64	63/64	1 3/8	9 1/16	2.8750	1.3976	M22	7/8	UK315	HA2315	IP315	16.3
315+HE2315	2 1/2														HE2315		
315+H2315		65	120	340	280	75	25	35	230	73	35.5				H2315		
UKIP 316+HA2316	2 11/16		4 23/32	13 25/32	11 27/64	3 11/32	63/64	1 37/64	9 1/4	3.0781	1.5354	M22	7/8	UK316	HA2316	IP316	21.0
316+HE2316	2 3/4														HE2316		
316+H2316		70	120	350	290	85	25	40	235	78	39				H2316		
UKIP 317+HA2317	2 15/16		5 1/8	14 9/16	12 13/64	3 11/32	63/64	1 37/64	10 3/64	3.2343	1.6142	M22	7/8	UK317	HA2317	IP317	23.1
317+H2317	3	75	130	370	310	85	25	40	255	82	41				H2317		
317+HE2317															HE2317		
UKIP 318+H2318		80	5 1/8	15 3/4	13	3 11/32	1 9/64	1 25/32	10 15/64	3.3906	1.6535	M24	15/16	UK318	H2318	IP318	25.9
			130	400	330	85	29	45	260	86	42						
UKIP 319+HE2319	3 1/4		5 29/32	16 9/64	13 25/64	3 11/32	1 9/64	1 25/32	11 15/64	3.5468	2.0472	M24	15/16	UK319	HE2319	IP319	29.7
319+H2319		85	150	410	340	85	29	45	285	90	52				H2319		
UKIP 320+HE2320	3 1/2		5 29/32	16 15/16	14 11/64	3 11/32	1 9/64	1 25/32	11 5/8	3.8125	2.2047	M24	15/16	UK320	HE2320	IP320	33.4
320+H2320		90	150	430	360	85	29	45	295	97	56				H2320		
UKIP 322+H2322		100	6 11/16	19 19/64	16 9/64	3 15/16	1 17/64	1 31/32	13 3/16	4.1406	2.4016	M27	1	UK322	H2322	IP322	50.5
			170	490	410	100	32	50	335	105	61						
UKIP 324+H2324		110	6 11/16	20 5/64	16 15/16	3 15/16	1 17/64	1 31/32	13 19/32	4.4062	2.5590	M27	1	UK324	H2324	IP324	56.3
			170	510	430	100	32	50	345	112	65						
UKIP 326+H2326		115	7 7/8	21 21/32	18 1/2	4 21/64	1 17/64	1 31/32	15 23/64	4.7656	2.7165	M27	1	UK326	H2326	IP326	73.5
			200	550	470	110	32	50	390	121	69						
UKIP 328+H2328		125	7 7/8	23 15/64	19 11/16	4 21/64	1 3/8	2 11/64	15 3/4	5.1562	2.8740	M30	1 1/8	UK328	H2328	IP328	83.8
			200	590	500	110	35	55	400	131	73						

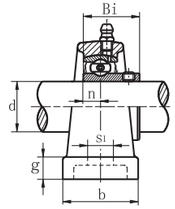
Pillow blocks

ENLLP 200 =
SALLP 200
normal–duty

UBLLP 200 =
SBLLP 200
normal–duty







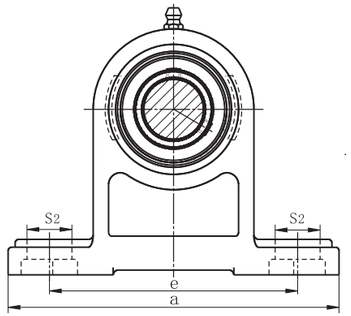
B type seal

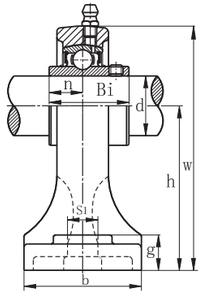
A type seal

Bearing unit No.	Shaft Dia. d (in.)	d (mm)	h	a	e	b	S2	S1	g	w	Bi	n	Bolt used (mm)	Bolt used (in.)	Bearing No.	Housing No.	Weight (kg)
SALLP 201		12	1 3/16	4 31/64	3 27/64	63/64	5/8	15/32	15/32	2 1/4	1.1260	0.2362	M10	3/8	SA 201	LLP201	0.4
201–8	1/2		30.2	114	87	25	16	12	12	57	28.6	6.0			201–8		
SALLP 202		15	1 3/16	4 31/64	3 27/64	63/64	5/8	15/32	15/32	2 1/4	1.1260	0.2362	M10	3/8	SA 202	LLP202	0.4
202–10	5/8		30.2	114	87	25	16	12	12	57	28.6	6.0			202–10		
SALLP 203		17	1 3/16	4 31/64	3 27/64	63/64	5/8	15/32	15/32	2 1/4	1.1260	0.2362	M10	3/8	SA 203	LLP203	0.4
203–11	11/16		30.2	114	87	25	16	12	12	57	28.6	6.0			203–11		
SALLP 204–12	3/4		1 5/16	4 59/64	3 13/16	1 1/16	5/8	15/32	33/64	2 33/64	1.2205	0.2756	M10	3/8	SA 204–12	LLP204	0.52
204		20	33.3	125	97	27	16	12	13	64	31.0	7.0			204		
SALLP 205–14	7/8														SA 205–14		
205–15	15/16		1 7/16	5 1/8	3 15/16	1 9/64	5/8	15/32	33/64	2 3/4	1.2205	0.2953	M10	3/8	205–15	LLP205	0.61
205		25	36.5	130	100	29	16	12	13	70	31.0	7.5			205		
205–16	1														205–16		
SALLP 206–18	1 1/8														SA 206–18		
206		30	1 11/16	6 9/64	4 23/32	1 19/64	53/64	35/64	19/32	3 17/64	1.4055	0.3150	M12	7/16	206	LLP206	0.73
206–19	1 3/16		42.9	156	120	33	21	14	15	83	35.7	8.0			206–19		
206–20	1 1/4														206–20		
SALLP 207–20	1 1/4														SA 207–20		
207–21	1 5/16		1 7/8	6 1/2	5	3/8	53/64	35/64	5/8	3 21/32	1.5315	0.3346	M12	7/16	207–21	LLP207	1.0
207–22	1 3/8														207–22		
207		35	47.6	165	127	35	21	14	16	93	38.9	8.5			207		
207–23	1 7/16														207–23		

Bearing unit No.	Shaft Dia. d (in.)	d (mm)	h	a	e	b	S2	S1	g	w	Bi	n	Bolt used (mm)	Bolt used (in.)	Bearing No.	Housing No.	Weight (kg)
SBLLP 201		12	1 3/16	4 31/64	3 27/64	63/64	5/8	15/32	15/32	2 1/4	0.8661	0.2362	M10	3/8	SB 201	LLP201	0.36
201–8	1/2		30.2	114	87	25	16	12	12	57	22	6.0			201–8		
SBLLP 202		15	1 3/16	4 31/64	3 27/64	63/64	5/8	15/32	15/32	2 1/4	0.8661	0.2362	M10	3/8	SB 202	LLP202	0.36
202–10	5/8		30.2	114	87	25	16	12	12	57	22	6.0			202–10		
SBLLP 203		17	1 3/16	4 31/64	3 27/64	63/64	5/8	15/32	15/32	2 1/4	0.8661	0.2362	M10	3/8	SB 203	LLP203	0.36
203–11	11/16		30.2	114	87	25	16	12	12	57	22	6.0			203–11		
SBLLP 204–12	3/4		1 5/16	4 59/64	3 13/16	1 1/16	5/8	15/32	33/64	2 33/64	0.9843	0.2756	M10	3/8	SB 204–12	LLP204	0.52
204		20	33.3	125	97	27	16	12	13	64	25,0	7.0			204		
SBLLP 205–14	7/8														SB 205–14		
205–15	15/16		1 7/16	5 1/8	3 15/16	1 9/64	5/8	15/32	33/64	2 3/4	1.0630	0.2953	M10	3/8	205–15	LLP205	0.6
205		25	36.5	130	100	29	16	12	13	70	27.0	7.5			205		
205–16	1														205–16		
SBLLP 206–18	1 1/8														SB 206–18		
206		30	1 11/16	6 9/64	4 23/32	1 19/64	53/64	35/64	19/32	3 17/64	1.1811	0.3150	M12	7/16	206	LLP206	0.7
206–19	1 3/16		42.9	156	120	33	21	14	15	83	30.0	8.0			206–19		
206–20	1 1/4														206–20		
SBLLP 207–20	1 1/4														SB 207–20		
207–21	1 5/16		1 7/8	6 1/2	5	1 3/8	53/64	35/64	5/8	3 21/32	1.2598	0.3346	M12	7/16	207–21	LLP207	0.95
207–22	1 3/8														207–22		
207		35	47.6	165	127	35	21	14	16	93	32.0	8.5			207		
207–23	1 7/16														207–23		

Pillow Blocks（ High Center Height ）





SR type seal

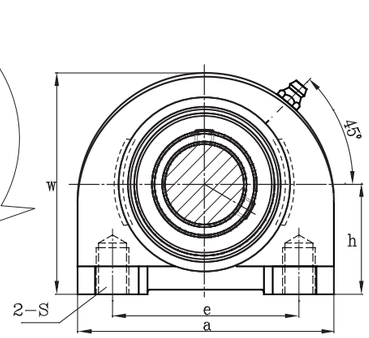
TRL type seal

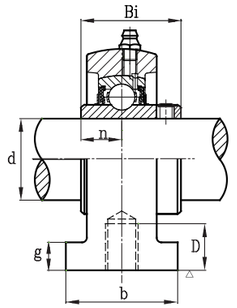
UCPH 200

normal–duty

Bearing unit No.	Shaft Dia. d (in.)	(mm)	h	a	e	b	S2	S1	g	w	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	weight (kg)
UCPH **201**		12	2 3/4	5	3 3/4	1 9/16	3/4	1/2	19/32	3 31/32	1.2205	0.5000	M10	3/8	UC 201	PH 201	0.96
201–8	1/2		70	127	95	40	19	13	15	101	31.0	12.7			201–8		
UCPH **202**		15	2 3/4	5	3 3/4	1 9/16	3/4	1/2	19/32	3 31/32	1.2205	0.5000	M10	3/8	UC 202	PH 202	0.96
202–10	5/8		70	127	95	40	19	13	15	101	31.0	12.7			202–10		
UCPH **203**		17	2 3/4	5	3 3/4	1 9/16	3/4	1/2	19/32	3 31/32	1.2205	0.5000	M10	3/8	UC 203	PH203	0.96
203–11	11/16		70	127	95	40	19	13	15	101	31.0	12.7			203–11		
UCPH **204–12**	3/4		2 3/4	5	3 3/4	1 9/16	3/4	1/2	19/32	3 31/32	1.2205	0.5000	M10	3/8	UC 204–12	PH 204	0.96
204		20	70	127	95	40	19	13	15	101	31.0	12.7			204		
UCPH **205–14**	7/8														UC 205–14		
205–15	15/16		3 5/32	5 1/2	4 1/8	1 31/32	3/4	1/2	5/8	4 1/2	1.3386	0.5630	M10	3/8	205–15	PH 205	1.2
205		25	80	140	105	50	19	13	16	114	34.0	14.3			205		
205–16	1														205–16		
UCPH **206–18**	1 1/8														UC 206–18		
206		30	3 35/64	6 1/2	4 3/4	1 31/32	53/64	43/64	23/32	5 1/8	1.5000	0.6260	M14	1/2	206	PH 206	1.6
206–19	1 3/16		90	165	121	50	21	17	18	130	38.1	15.9			206–19		
206–20	1 1/4														206–20		
UCPH **207–20**	1 1/4														UC 207–20		
207–21	1 5/16														207–21		
207–22	1 3/8		3 47/64	6 9/16	5	2 3/8	53/64	43/64	23/32	5 1/2	1.6890	0.6890	M14	1/2	207–22	PH 207	2.0
207		35	95	167	127	60	21	17	18	140	42.9	17.5			207		
207–23	1 7/16														207–23		
UCPH **208–24**	1 1/2														UC 208–24		
208–25	1 9/16		3 15/16	7 1/4	5 13/32	2 3/4	53/64	43/64	25/32	5 29/32	1.9370	0.7480	M14	1/2	208–25	PH 208	2.7
208		40	100	184	137	70	21	17	20	150	49.2	19.0			208		
UCPH **209–26**	1 5/8														UC 209–26		
209–27	1 11/16		4 9/64	7 15/32	5 3/4	2 3/4	53/64	43/64	25/32	6 7/32	1.9370	0.7480	M14	1/2	209–27	PH 209	3.0
209–28	1 3/4		105	190	146	70	21	17	20	158	49.2	19.0			209–28		
209		45													209		
UCPH **210–30**	1 7/8														UC 210–30		
210–31	1 15/16		4 21/64	8 1/8	6 1/4	2 3/4	7/8	25/32	7/8	6 1/2	2.0315	0.7480	M16	5/8	210–31	PH 210	3.5
210		50	110	206	159	70	22	20	22	165	51.6	19.0			210		
210–32	2														210–32		

Tapped–base Pillow Blocks





SR type seal

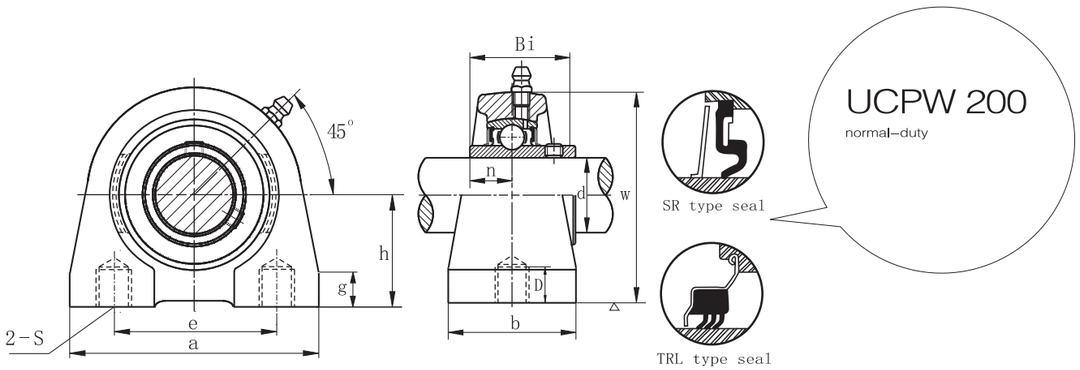
TRL type seal

UCPA 200

normal–duty

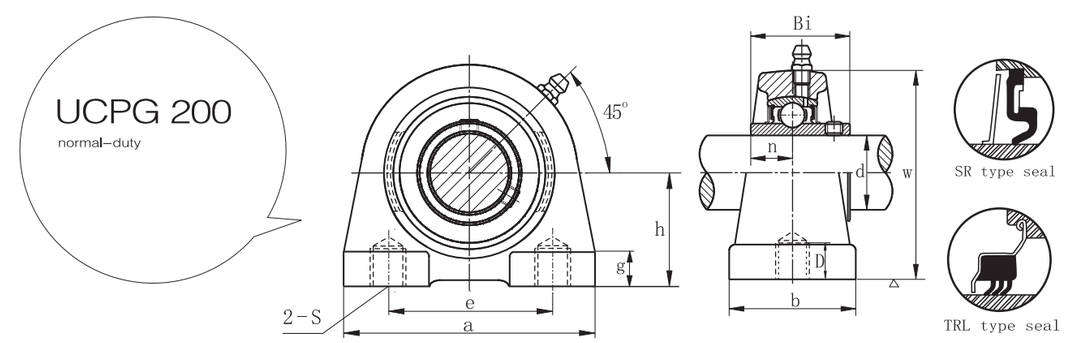
Bearing unit No.	Shaft Dia. d (in.)	(mm)	h	a	e	b	S	g	w	D	Bi	n	Bolt used (mm)	Bearing No.	Housing No.	weight (kg)
UCPA **201**		12	1 3/16	3	2 3/64	1 1/2	M10	5/16	2 7/16	15/32	1.2205	0.5000	M10	UC 201	PA 201	0.55
201–8	1/2		30.2	76	52	38		8	62	12	31.0	12.7		201–8		
UCPA **202**		15	1 3/16	3	2 3/64	1 1/2	M10	5/16	2 7/16	15/32	1.2205	0.5000	M10	UC 202	PA 202	0.53
202–10	5/8		30.2	76	52	38		8	62	12	31.0	12.7		202–10		
UCPA **203**		17	1 3/16	3	2 3/64	1 1/2	M10	5/16	2 7/16	15/32	1.2205	0.5000	M10	UC 203	PA 203	0.52
203–11	11/16		30.2	76	52	38		8	62	12	31.0	12.7		203–11		
UCPA **204–12**	3/4		1 3/16	3	2 3/64	1 1/2	M10	5/16	2 7/16	15/32	1.2205	0.5000	M10	UC 204–12	PA 204	0.5
204		20	30.2	76	52	38		8	62	12	31.0	12.7		204		
UCPA **205–14**	7/8													UC 205–14		
205–15	15/16		1 7/16	3 5/16	2 13/64	1 1/2	M10	25/64	2 27/32	19/32	1.3386	0.5630	M10	205–15	PA 205	0.72
205		25	36.5	84	56	38		10	72	15	34	14.3		205		
205–16	1													205–16		
UCPA **206–18**	1 1/8													UC 206–18		
206		30	1 11/16	3 11/16	2 19/32	1 7/8	M14	25/64	3 5/16	45/64	1.5000	0.6260	M14	206	PA 206	1.02
206–19	1 3/16		42.9	94	66	48		10	84	18	38.1	15.9		206–19		
UCPA **207–20**	1 1/4													UC 207–20		
207–21	1 5/16													207–21		
207–22	1 3/8		1 7/8	4 11/32	3 5/32	1 7/8	M14	15/32	3 3/4	25/32	1.6890	0.6890	M14	207–22	PA 207	1.58
207		35	47.6	110	80	48		12	95	20	42.9	17.5		207		
207–23	1 7/16													207–23		
UCPA **208–24**	1 1/2													UC 208–24		
208–25	1 9/16		1 15/16	4 9/16	3 5/16	2 1/8	M14	15/32	3 15/16	25/32	1.9370	0.7480	M14	208–25	PA 208	1.84
208		40	49.2	116	84	54		12	100	20	49.2	19.0		208		
UCPA **209–26**	1 5/8													UC 209–26		
209–27	1 11/16		2 9/64	4 23/32	3 35/64	2 1/8	M14	15/32	4 1/4	63/64	1.9370	0.7480	M14	209–27	PA 209	2.06
209–28	1 3/4		54.2	120	90	54		12	108	25	49.2	19.0		209–28		
209		45												209		
UCPA **210–30**	1 7/8													UC 210–30		
210–31	1 15/16		2 1/4	5 1/8	3 45/64	2 3/8	M16	9/16	4 9/16	63/64	2.0315	0.7480	M16	210–31	PA 210	2.44
210		50	57.2	130	94	60		14	116	25	51.6	19.0		210		
210–32	2													210–32		

Tapped–base Pillow Blocks

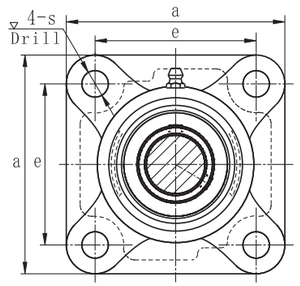


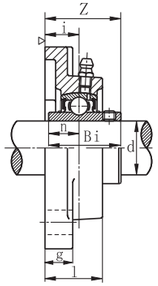
Bearing unit No.	Shaft Dia. d (in.)	d (mm)	h	a	e	b	g	w	D	Bi	n	S (in.)	Bearing No.	Housing No.	Weight (kg)
UCPW **201**		12	1 5/16	2 7/8	2	1 1/2	15/32	2 9/16	1/2	1.2205	0.5000	3/8–16UNC	UC **201**	PW 201	0.63
201–8	1/2		33.3	73	50.8	38	12	65	13	31.0	12.7		**201–8**		
UCPW **202**		15	1 5/16	2 7/8	2	1 1/2	15/32	2 9/16	1/2	1.2205	0.5000	3/8–16UNC	UC **202**	PW 202	0.63
202–10	5/8		33.3	73	50.8	38	12	65	13	31.0	12.7		**202–10**		
UCPW **203**		17	1 5/16	2 7/8	2	1 1/2	15/32	2 9/16	1/2	1.2205	0.5000	3/8–16UNC	UC **203**	PW 203	0.63
203–11	11/16		33.3	73	50.8	38	12	65	13	31.0	12.7		**203–11**		
UCPW **204–12**	3/4		1 5/16	2 7/8	2	1 1/2	15/32	2 9/16	1/2	1.2205	0.5000	3/8–16UNC	UC **204–12**	PW 204	0.63
204		20	33.3	73	50.8	38	12	65	13	31.0	12.7		**204**		
UCPW **205–14**	7/8												UC **205–14**		
205–15	15/16		1 7/16	3	2	1 1/2	15/32	2 13/16	1/2	1.3386	0.5630	3/8–16UNC	**205–15**	PW 205	0.80
205		25	36.5	76.2	50.8	38	12	71.4	13	34	14.3		**205**		
205–16	1												**205–16**		
UCPW **206–18**	1 1/8												UC **206–18**		
206		30	1 11/16	4	3	1 1/2	19/32	3 3/8	5/8	1.5000	0.6260	7/16–14UNC	**206**	PW 206	1.2
206–19	1 3/16		42.9	102	76.2	38	14	86	16	38.1	15.9		**206–19**		
UCPW **207–20**	1 1/4												UC **207–20**		
207–21	1 5/16		1 7/8	4 1/4	3 1/4	1 7/8	5/8	3 3/4	3/4	1.6890	0.6890		**207–21**		
207–22	1 3/8											1/2–13UNC	**207–22**	PW 207	1.7
207		35	47.6	108	82.5	48	14	95	19	42.9	17.5		**207**		
207–23	1 7/16												**207–23**		
UCPW **208–24**	1 1/2												UC **208–24**		
208–25	1 9/16		1 15/16	4 5/8	3 1/2	1 7/8	5/8	3 15/16	3/4	1.9370	0.7480	1/2–13UNC	**208–25**	PW 208	2.0
208		40	49.2	118	88.9	48	16	100	19	49.2	19.0		**208**		
UCPW **209–26**	1 5/8												UC **209–26**		
209–27	1 11/16		2 1/8	5	3 3/4	2	45/64	4 1/4	3/4	1.9370	0.7480	1/2–13UNC	**209–27**	PW 209	2.2
209–28	1 3/4												**209–28**		
209		45	54	127	95.2	51	16	108	19	49.2	19.0		**209**		
UCPW **210–30**	1 7/8												UC **210–30**		
210–31	1 15/16		2 1/4	5 33/64	4	2	45/64	4 5/8	1	2.0315	0.7480	5/8–11UNC	**210–31**	PW 210	2.8
210		50	57.2	140	101.6	51	18	117.5	25	51.6	19.0		**210**		
210–32	2												**210–32**		

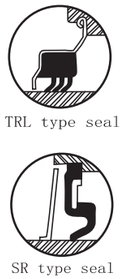
Tapped–base Pillow Blocks



Bearing unit No.	Shaft Dia. d (in.)	d (mm)	h	a	e	b	g	w	D	Bi	n	S (mm)	Bearing No.	Housing No.	Weight (kg)
UCPG **201**		12	1 5/16	2 3/4	1 59/64	1 1/2	35/64	2 33/64	33/64	1.2205	0.5000	M8	UC **201**	PG 201	0.63
208–8	1/2		33.3	70	49	38	14	64	13	31.0	12.7		**201–8**		
UCPG **202**		15	1 5/16	2 3/4	1 59/64	1 1/2	35/64	2 33/64	33/64	1.2205	0.5000	M8	UC **202**	PG 202	0.63
202–10	5/8		33.3	70	49	38	14	64	13	31.0	12.7		**202–10**		
UCPG **203**		17	1 5/16	2 3/4	1 59/64	1 1/2	35/64	2 33/64	33/64	1.2205	0.5000	M8	UC **203**	PG 203	0.63
203–11	11/16		33.3	70	49	38	14	64	13	31.0	12.7		**203–11**		
UCPG **204–12**	3/4		1 5/16	2 3/4	1 59/64	1 1/2	35/64	2 33/64	33/64	1.2205	0.5000	M8	UC **204–12**	PG 204	0.63
204		20	33.3	70	49	38	14	64	13	31.0	12.7		**204**		
UCPG **205–14**	7/8												UC **205–14**		
205–15	15/16		1 7/16	2 61/64	1 31/32	1 1/2	19/32	2 3/4	19/32	1.3386	0.5630	M10	**205–15**	PG 205	0.8
205		25	36.5	75	50	38	15	70	15	34	14.3		**205**		
205–16	1												**205–16**		
UCPG **206–18**	1 1/8												UC **206–18**		
206		30	1 11/16	3 11/32	2 23/64	1 57/64	43/64	3 17/64	19/32	1.5000	0.6260	M10	**206**	PG 206	1.2
206–19	1 3/16		42.9	85	60	48	17	83	15	38.1	15.9		**206–19**		
UCPG **207–20**	1 1/4												UC **207–20**		
207–21	1 5/16		1 7/8	3 15/16	2 43/64	1 57/64	25/32	3 21/32	3/4	1.6890	0.6890		**207–21**		
207–22	1 3/8											M12	**207–22**	PG 207	
207		35	47.6	100	68	48	20	93	19	42.9	17.5		**207**		1.7
207–23	1 7/16												**207–23**		
UCPG **208–24**	1 1/2												UC **208–24**		
208–25	1 9/16		1 15/16	4 21/64	3 5/64	2 1/8	25/32	3 55/64	3/4	1.9370	0.7480	M12	**208–25**	PG 208	2.0
208		40	49.2	110	78	54	20	98	19	49.2	19.0		**208**		



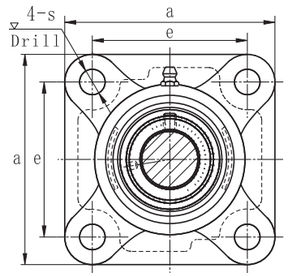


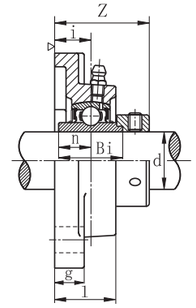


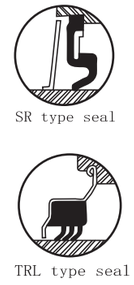
UCF 200
normal-duty

Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	S	Z	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
UCF **201**		12	3 3/8	2 33/64	19/32	15/32	1	15/32	1 5/16	1.2205	0.5000	M10	3/8	UC 201	F 201	0.63
201-8	1/2		86	64	15	12	25.5	12	33.3	31.0	12.7			201-8		
UCF **202**		15	3 3/8	2 33/64	19/32	15/32	1	15/32	1 5/16	1.2205	0.5000	M10	3/8	UC 202	F 202	0.63
202-10	5/8		86	64	15	12	25.5	12	33.3	31.0	12.7			202-10		
UCF **203**		17	3 3/8	2 33/64	19/32	15/32	1	15/32	1 5/16	1.2205	0.5000	M10	3/8	UC 203	F 203	0.63
203-11	11/16		86	64	15	12	25.5	12	33.3	31.0	12.7			203-11		
UCF **204-12**	3/4		3 3/8	2 33/64	19/32	15/32	1	15/32	1 5/16	1.2205	0.5000	M10	3/8	UC 204-12		
204		20	86	64	15	12	25.5	12	33.3	31.0	12.7			204	F 204	0.63
UCF **205-14**	7/8													UC 205-14		
205-15	15/16		3 3/4	2 3/4	5/8	9/16	1 1/16	15/32	1 13/32	1.3386	0.5630	M10	3/8	205-15		
205		25	95	70	16	14	27	12	35.7	34	14.3			205	F 205	0.82
205-16	1													205-16		
UCF **206-18**	1 1/8		4 1/4	3 17/64	45/64	9/16	7/32	15/32	19/32	1.5000	0.6260	M10	3/8	UC 206-18		
206		30												206		
206-19	1 3/16		108	83	18	14	31	12	40.2	38.1	15.9			206-19	F 206	1.10
206-20	1 1/4													206-20		
UCF **207-20**	1 1/4													UC 207-20		
207-21	1 5/16		4 19/32	3 5/8	3/4	5/8	1 11/32	35/64	1 3/4	1.6890	0.6890	M12	7/16	207-21		
207-22	1 3/8													207-22		
207		35	117	92	19	16	34	14	44.4	42.9	17.5			207	F 207	1.5
207-23	1 7/16													207-23		
UCF **208-24**	1 1/2		5 1/8	4 1/64	53/64	5/8	1 13/32	5/8	2 1/64	1.9370	0.7480	M14	1/2	UC 208-24		
208-25	1 9/16													208-25		
208		40	130	102	21	16	36	16	51.2	49.2	19.0			208	F 208	1.9
UCF **209-26**	1 5/8													UC 209-26		
209-27	1 11/16		5 13/32	4 9/64	55/64	23/32	1 1/2	5/8	2 1/16	1.9370	0.7480	M14	1/2	209-27		
209-28	1 3/4													209-28		
209		45	137	105	22	18	38	16	52.2	49.2	19.0			209	F 209	2.3
UCF **210-30**	1 7/8													UC 210-30		
210-31	1 15/16		5 5/8	4 3/8	55/64	23/32	1 9/16	5/8	2 5/32	2.0315	0.7480	M14	1/2	210-31		
210		50	143	111	22	18	40	16	54.6	51.6	19.0			210	F 210	2.5
210-32	2													210-32		
UCF **211-32**	2													UC 211-32		
211-34	2 1/8		6 3/8	5 1/8	63/64	25/32	1 11/16	3/4	2 19/64	2.1890	0.8740	M16	5/8	211-34		
211		55	162	130	25	20	43	19	58.4	55.6	22.2			211	F 211	3.4
211-35	3/2 16													211-35		
UCF **212-36**	2 1/4													UC 212-36		
212		60	6 7/8	5 5/8	1 9/64	25/32	1 7/8	3/4	2 45/64	2.5630	1.0000	M16	5/8	212	F 212	4.4
212-38	2 3/8		175	143	29	20	48	19	68.7	65.1	25.4			212-38		
212-39	2 7/16													212-39		
UCF **213-40**	2 1/2		7 3/8	5 55/64	1 3/16	25/32	1 31/32	3/4	2 3/4	2.5630	1.0000	M16	5/8	UC 213-40	F 213	5.3
213		65	187	149	30	20	50	19	69.7	65.1	25.4			213		
UCF **214-44**	2 3/4		7 19/32	5 63/64	1 1/4	31/32	2 5/32	3/4	3	2.9370	1.1890	M16	5/8	UC 214-44	F 214	6.0
214		70	193	152	31.8	24.8	54.8	19	76.2	74.6	30.2			214		
UCF **215**		75	7 7/8	6 17/64	3/1 8	55/64	1 1/4	3/4	3 1/8	3.0630	1.3110	M16	5/8	UC 215		
215-47	2 15/16													215-47	F 215	6.6
215-48	3		200	159	35	22	57	19	79.5	77.8	33.3			215-48		
UCF **216**		80	8 3/16	6 1/2	3/1 8	29/32	21/64	29/32	21/64	3.2520	1.3110	M20	3/4	UC 216		
216-50	3 1/8		208	165	35	23	59	23	84.3	82.6	33.3			216-50	F 216	7.5
UCF **217-52**	3 1/4		8 21/32	6 57/64	1 27/64	15/16	2 15/32	29/32	3 7/16	3.3740	1.3425	M20	3/4	UC 217-52		
217		85	220	175	36	24	63	23	87.6	85.7	34.1			217	F 217	9.1
UCF **218-56**	3 1/2		9 1/4	7 23/64	2 1/32	1 1/16	2 3/4	29/32	3 7/8	3.7795	1.5630	M20	3/4	UC 218-56		
218		90	235	187	42	27	70	23	98.3	96.0	39.7			218	F 218	11.3

EWF 200 =
HCF 200
normal-duty

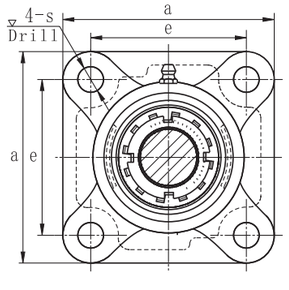


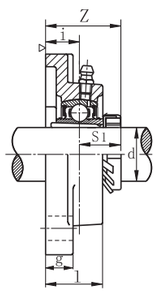




Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	s	z	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
HCF **201**		12	3	2 1/8	19/32	15/32	1	29/64	1 33/64	1.0944	0.5472	M10	3/8	HC 201		
* **201-8**	1/2		76	54	15	12	25.5	11.5	38.4	27.8	13.9			201-8	F 201	0.5
HCF **202**		15	3	2 1/8	19/32	15/32	1	29/64	1 33/64	1.0944	0.5472	M10	3/8	HC 202		
* **202-10**	5/8		76	54	15	12	25.5	11.5	38.4	27.8	13.9			202-10	F 202	0.5
HCF **203**		17	3	2 1/8	19/32	15/32	1	29/64	1 33/64	1.0944	0.5472	M10	3/8	HC 203		
* **203-11**	11/16		76	54	15	12	25.5	11.5	38.4	27.8	13.9			203-11	F 203	0.5
HCF **204-12**	3/4		3 3/8	2 33/64	19/32	15/32	1	15/32	1 23/32	1.3465	0.6732	M10	3/8	HC 204-12		
204		20	86	64	15	12	25.5	12	43.7	34.2	17.1			204	F 204	0.63
HCF **205-14**	7/8													HC 205-14		
205-15	15/16		3 3/4	2 3/4	5/8	9/16	1 1/16	15/32	1 3/4	1.3701	0.6850			205-15		
205		25	95	70	16	14	27	12	44.3	34.8	17.4	M10	3/8	205	F 205	0.80
205-16	1													205-16		
HCF **206-18**	1 1/8		4 1/4	3 17/64	45/64	9/16	7/32	15/32	1 29/32	1.4375	0.7205			HC 206 – 18		
206		30										M10	3/8	206		
206-19	1 3/16		108	83	18	14	31	12	48.4	36.5	18.3			206-19	F 206	1.2
206-20	1 1/4													206-20		
HCF **207-20**	1 1/4													HC 207-20		
207-21	1 5/16		4 19/32	3 5/8	3/4	5/8	1 11/32	35/64	2 1/64	1.4803	0.7402			207-21		
207-22	1 3/8											M12	7/16	207-22	F 207	1.6
207		35	117	92	19	16	34	14	51.3	37.6	18.8			207		
207-23	1 7/16													207-23		
HCF **208-24**	1 1/2		5 1/8	4 1/64	53/64	5/8	1 13/32	5/8	2 7/32	1.6850	0.8425			HC 208-24		
208-25	1 9/16											M14	1/2	208-25	F 208	1.9
208		40	130	102	21	16	36	16	56.3	42.8	21.4			208		
HCF **209-26**	1 5/8													HC 209-26		
209-27	1 11/16		5 13/32	4 9/64	55/64	23/32	1 1/2	5/8	2 1/4	1.6850	0.8425			209-27		
209-28	1 3/4		137	105	22	18	38	16	56.9	42.8	21.4	M14	1/2	209 – 28	F 209	2.3
209		45												209		
HCF **210-30**	1 7/8													HC 210-30		
210-31	1 15/16		5 5/8	4 3/8	55/64	23/32	1 9/16	5/8	2 15/32	1.9370	0.9685			210-31		
210		50	143	111	22	18	40	16	62.7	49.2	24.6	M14	1/2	210	F 210	2.6
210-32	2													210-32		
HCF **211-32**	2													HC 211-32		
211-34	2 1/8		6 3/8	5 1/8	63/64	25/32	1 11/16	3/4	2 13/16	2.1875	1.0940			211-34		
211		55	162	130	25	20	43	19	71.4	55.5	27.8	M16	5/8	211	F 211	3.8
211-35	2 3/16													211-35		
HCF **212-36**	2 1/4													HC 212-36		
212		60	6 7/8	5 5/8	1 9/64	25/32	1 7/8	3/4	3 1/16	2.4370	1.2200			212		
212-38	2 3/8		175	143	29	20	48	19	77.8	61.9	31.0	M16	5/8	212-38	F 212	4.8
212-39	2 7/16													212 – 39		
HCF **213-40**	2 1/2		7 3/8	5 55/64	1 3/16	25/32	1 31/32	3/4	3 3/8	2.7031	1.3425			HC 213-40		
213		65	187	149	30	20	50	19	85.7	68.6	34.1	M16	5/8	213	F 213	6.0
HCF **215**		75	7 7/8	6 17/64	1 3/8	55/64	2 1/4	3/4	3 43/64	2.9531	1.4685			HC 215		
215-47	2 15/16											M16	5/8	215-47	F 215	7.2
215-48	3		200	159	35	22	57	19	93.1	75.0	37.3			215-48		

*The spherical size for HCF 201–203 is SΦ40mm





SR type seal

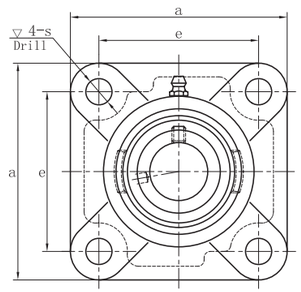
UKF 200

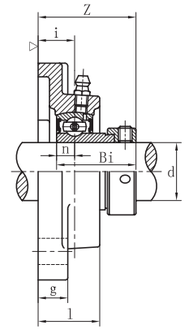
normal–duty

Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	S	Z	S1	Bolt used (mm)	(in.)	Bearing No.	Adapter sleeve No.	Housing No.	Weight (kg)
UKF **205+HE2305**	3/4		3 3/4	2 3/4	5/8	9/16	1 1/16	15/32	1 25/64	0.7677	M10	3/8	UK205	HE2305	F 205	0.87
205+H2305		20	95	70	16	14	27	12	35.5	19.5				H2305		
UKF **206+HS2306**	7/8													HS2306		
206+HA2306	15/16		4 1/4	3 17/64	45/64	9/16	1 7/32	15/32	1 17/32	0.8268	M10	3/8	UK206	HA2306	F 206	1.20
206+H2306		25	108	83	18	14	31	12	39	21				H2306		
206+HE2306	1													HE2306		
UKF **207+HS2307**	1 1/8													HS2307		
207+H2307		30	4 19/32	3 5/8	3/4	5/8	1 11/32	35/64	1 41/64	0.8858	M12	7/16	UK207	H2307	F 207	1.5
207+HA2307	1 3/16		117	92	19	16	34	14	41.5	22.5				HA2307		
UKF **208+HE2308**	1 1/4													HE2308		
208+HS2308	1 3/8		5 1/8	4 1/64	53/64	5/8	1 13/32	5/8	1 51/64	0.9646	M14	1/2	UK208	HS2308	F 208	2.1
208+H2308		35	130	102	21	16	36	16	45.5	24.5				H2308		
UKF **209+HA2309**	1 7/16													HA2309		
209+HE2309	1 1/2		5 13/32	4 9/64	55/64	23/32	1 1/2	5/8	1 57/64	1.0236	M14	1/2	UK209	HE2309	F 209	2.5
209+H2309		40	137	105	22	18	38	16	48	26				H2309		
UKF **210+HS2310**	1 5/8													HS2310		
210+HA2310	1 11/16		5 5/8	4 3/8	55/64	23/32	1 9/16	5/8	1 61/64	1.0827	M14	1/2	UK210	HA2310	F 210	2.7
210+HE2310	1 3/4		143	111	22	18	40	16	49.5	27.5				HE2310		
210+H2310		45												H2310		
UKF **211+HS2311**	1 7/8													HS2311		
211+HA2311	1 15/16		6 3/8	5 1/8	63/64	25/32	1 11/16	3/4	2 7/64	1.1221	M16	5/8	UK211	HA2311	F 211	3.6
211+H2311		50	162	130	25	20	43	19	53.5	28.5				H2311		
211+HE2311	2													HE2311		
UKF **212+HS2312**	2 1/8		6 7/8	5 5/8	1 9/64	25/32	1 7/8	3/4	2 23/64	1.2205	M16	5/8	UK212	HS2312	F 212	4.6
212+H2312		55	175	143	29	20	48	19	60	31				H2312		
UKF **213+HA2313**	2 3/16													HA2313		
213+HE2313	2 1/4		7 3/8	5 55/64	1 3/16	25/32	1 31/32	3/4	2 31/64	1.2992	M16	5/8	UK213	HE2313	F 213	5.7
213+H2313		60	187	149	30	20	50	19	63	33				H2313		
213+HS2313	2 3/8													HS2313		
UKF **215+HA2315**	2 7/16													HA2315		
215+HE2315	2 1/2		7 7/8	6 17/64	1 3/8	55/64	2 1/4	3/4	2 25/32	1.3976	M16	5/8	UK215	HE2315	F 215	7.3
215+H2315		65	200	159	35	22	57	19	70.5	35.5				H2315		
UKF **216+HA2316**	2 11/16													HA2316		
216+HE2316	2 3/4		8 3/16	6 1/2	1 3/8	29/32	2 21/64	29/32	2 29/32	1.5354	M20	3/4	UK216	HE2316	F 216	8.2
216+H2316		70	208	165	35	23	59	23	74	39				H2316		
UKF **217+HA2317**	2 15/16													HA2317		
217+H2317		75	8 21/32	6 57/64	1 27/64	15/16	2 15/32	29/32	3 1/32	1.6142	M20	3/4	Uk217	H2317	F 217	9.8
217+HE2317	3		220	175	36	24	63	23	77	41				HE2317		
UKF **218+H2318**		80	9 1/4	7 23/64	1 21/32	1 1/16	2 3/4	29/32	3 5/16	1.6535	M20	3/4	UK218	H2318	F 218	11.7
			235	187	42	27	70	23	84	42						

ENF 200 = SAF 200

normal–duty



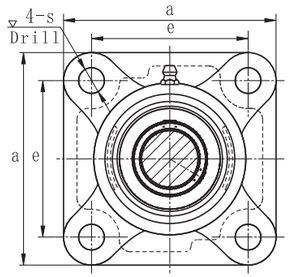


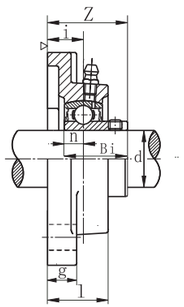
B type seal

A type seal

Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	S	Z	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
SAF **201**		12	3	2 1/8	19/32	15/32	1	29/64	1 31/64	1.1260	0.2362	M10	3/8	SA 201	F 201	0.43
* **201–8**	1/2		76	54	15	12	25.5	11.5	37.6	28.6	6.0			201–8		
SAF **202**		15	3	2 1/8	19/32	15/32	1	29/64	1 31/64	1.1260	0.2362	M10	3/8	SA 202	F 202	0.42
* **202–10**	5/8		76	54	15	12	25.5	11.5	37.6	28.6	6.0			202–10		
SAF **203**		17	3	2 1/8	19/32	15/32	1	29/64	1 31/64	1.1260	0.2362	M10	3/8	SA 203	F 203	0.42
* **203–11**	11/16		76	54	15	12	25.5	11.5	37.6	28.6	6.0			203–11		
SAF **204–12**	3/4		3 3/8	2 33/64	19/32	15/32	1	15/32	1 17/32	1.2205	0.2756	M10	3/8	SA 204–12	F 204	0.55
204		20	86	64	15	12	25.5	12	39	31.0	7.0			204		0.58
SAF **205–14**	7/8													SA 205–14		0.74
205–15	15/16		3 3/4	2 3/4	5/8	9/16	1 1/16	15/32	1 9/16	1.2205	0.2953	M10	3/8	205–15	F 205	0.73
205		25	95	70	16	14	27	12	39.5	31	7.5			205		0.71
205–16	1													205–16		0.70
SAF **206–18**	1 1/8													SA 206–18		1.08
206		30	4 1/4	3 17/64	45/64	9/16	1 7/32	15/32	1 51/64	1.4055	0.3150	M10	3/8	206	F 206	1.06
206–19	1 3/16		108	83	18	14	31	12	45.7	35.7	8.0			206–19		1.04
206–20	1 1/4													206–20		1.01
SAF **207–20**	1 1/4													SA 207–20		1.46
207–21	1 5/16		4 19/32	3 5/8	3/4	5/8	1 11/32	35/64	1 15/16	1.5315	0.3346	M12	7/16	207–21	F 207	1.43
207–22	1 3/8		117	92	19	16	34	14	49.4	38.9	8.5			207–22		1.41
207		35												207		1.40
207–23	1 7/16													207–23		1.38
SAF **208–24**	1 1/2													SA 208–24		1.8
208–25	1 9/16		5 1/8	4 1/64	53/64	5/8	1 13/32	5/8	2 13/64	1.7205	0.3543	M14	1/2	208–25	F 208	1.79
208		40	130	102	21	16	36	16	55.7	43.7	9.0			208		1.77
SAF **209–26**	1 5/8													SA 209–26		2.2
209–27	1 11/16		5 13/32	4 9/64	55/64	23/32	1 1/2	5/8	2 7/32	1.7205	0.3740	M14	1/2	209–27	F 209	2.14
209–28	1 3/4		137	105	22	18	38	16	56.2	43.7	9.5			209–28		2.11
209		45												209		2.07
SAF **210–30**	1 7/8													SA 210–30		2.45
210–31	1 15/16		5 5/8	4 3/8	55/64	23/32	1 9/16	5/8	2 13/64	1.7205	0.3937	M14	1/2	210–31	F 210	2.43
210		50	143	111	22	18	40	16	55.7	43.7	10			210		2.40
210–32	2													210–32		2.38
SAF **211–32**	2													SA 211–32		3.18
211–34	2 1/8		6 3/8	5 1/8	63/64	25/32	1 11/16	3/4	2 27/64	1.9055	0.4724	M16	5/8	211–34	F 211	2.96
211		55	162	130	25	20	43	19	61.4	48.4	12			211		2.87
211–35	2 3/16													211–35		2.81
SAF **212–36**	2 1/4													SA 212–36		3.97
212		60	6 7/8	5 5/8	9/64	25/32	1 7/8	3/4	2 49/64	2.0905	0.4724	M16	5/8	212	F 212	3.87
212–38	2 3/8		175	143	29	20	48	19	70.1	53.1	12			212–38		3.8
212–39	2 7/16													212–39		3.76

* The spherical size for SAF 201–203 is SΦ40mm





A type seal

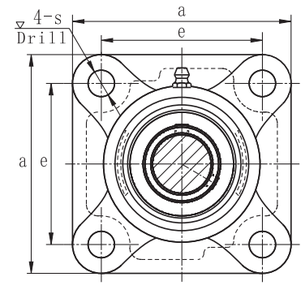
B type seal

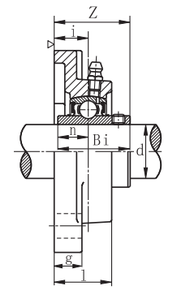
UBF 200 =
SBF 200
normal–duty

Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	s	z	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
SBF **201**		12	3	2 1/8	19/32	15/32	1	29/64	1 7/32	0.8661	0.2362	M10	3/8	SB 201	F 201	0.39
* **201–8**	1/2		76	54	15	12	25.5	11.5	31	22	6.0			201–8		
SBF **202**		15	3	2 1/8	19/32	15/32	1	29/64	1 7/32	0.8661	0.2362	M10	3/8	SB 202	F 202	0.38
* **202–10**	5/8		76	54	15	12	25.5	11.5	31	22	6.0			202–10		
SBF **203**		17	3	2 1/8	19/32	15/32	1	29/64	1 7/32	0.8661	0.2362	M10	3/8	SB 203	F 203	0.38
* **203–11**	11/16		76	54	15	12	25.5	11.5	31	22	6.0			203–11		
SBF **204–12**	3/4		3 3/8	2 33/64	19/32	15/32	1	15/32	1 19/64	0.9843	0.2756	M10	3/8	SB 204–12	F 204	0.52
204		20	86	64	15	12	25.5	12	33	25	7.0			204		0.56
SBF **205–14**	7/8													SB 205–14		0.71
205–15	15/16		3 3/4	2 3/4	5/8	9/16	1 1/16	15/32	1 25/64	1.0630	0.2953	M10	3/8	205–15	F 205	0.71
205		25	95	70	16	14	27	12	35.5	27	7.5			205		0.70
205–16	1													205–16		0.68
SBF **206–18**	1 1/8													SB 206–18		1.00
206		30	4 1/4	3 17/64	45/64	9/16	1 7/32	15/32	1 37/64	1.1811	0.3150	M10	3/8	206	F 206	0.98
206–19	1 3/16		108	83	18	14	31	12	40	30	8.0			206–19		0.97
206–20	1 1/4													206–20		0.96
SBF **207–20**	1 1/4													SB 207–20		1.33
207–21	1 5/16		4 19/32	3 5/8	3/4	5/8	1 11/32	35/64	1 43/64	1.2598	0.3346	M12	7/16	207–21		1.31
207–22	1 3/8													207–22	F 207	1.28
207		35	117	92	19	16	34	14	42.5	32	8.5			207		1.32
207–23	1 7/16													207–23		1.27
SBF **208–24**	1 1/2													SB 208–24		1.72
208–25	1 9/16		5 1/8	4 1/64	53/64	5/8	1 13/32	5/8	1 13/16	1.3386	0.3543	M14	1/2	208–25	F 208	1.70
208		40	130	102	21	16	36	16	46	34	9.0			208		1.72
SBF **209–26**	1 5/8													SB 209–26		
209–27	1 11/16		5 13/32	4 9/64	55/64	23/32	1 1/2	5/8	2 7/64	1.6220	0.3740	M14	1/2	209–27	F 209	2.27
209–28	1 3/4		137	105	22	18	38	16	53.7	41.2	9.5			209–28		
209		45												209		
SBF **210–30**	1 7/8													SB 210–30		
210–31	1 15/16		5 5/8	4 3/8	55/64	23/32	1 9/16	5/8	2 7/64	1.6378	0.3937	M14	1/2	210–31	F 210	2.38
210		50	143	111	22	18	40	16	53.6	41.6	10.0			210		
210–32	2													210–32		
SBF **211–32**	2													SB 211–32		
211–34	2 1/8		6 3/8	5 1/8	63/64	25/32	1 11/16	3/4	2 19/64	1.7835	0.4646	M16	5/8	211–34	F 211	3.44
211		55	162	130	25	20	43	19	58.5	45.3	11.8			211		
211–35	2 3/16													211–35		
SBF **212–36**	2 1/4													SB 212–36		
212		60	6 7/8	5 5/8	9/64	25/32	1 7/8	3/4	2 43/64	2.1142	0.5866	M16	5/8	212	F 212	3.96
212–38	2 3/8		175	143	29	20	48	19	67.8	53.7	14.9			212–38		
212–39	2 7/16													212–39		

*The spherical size for SBF 201–203 is SΦ40mm

UCF X00
medium–duty

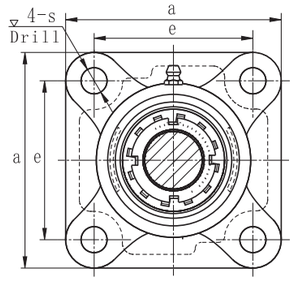


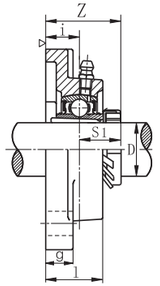


SR type seal

TRL type seal

Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	s	z	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
UCF **X05**		25	4 1/4	3 17/64	45/64	1/2	1 3/16	15/32	1 19/32	1.5000	0.6260	M10	3/8	UC X05	FX 05	1.1
X05–16	1		108	83	18	13	30	12	40.2	38.1	15.9			X05–16		
UCF **X06**		30	4 19/32	5 3/8	3/4	9/16	1 11/32	5/8	1 3/4	1.6890	0.6890	M14	1/2	UC X06	FX 06	1.4
X06–19	1 3/16													X06–19		
X06–20	1 1/4		117	92	19	14	34	16	44.4	42.9	17.5			X06–20		
UCF **X07–20**	1 1/4													UC X07–20		
X07–22	1 3/8		5 1/8	4 1/64	53/64	9/16	1 1/2	5/8	2 1/32	1.9370	0.7480	M14	1/2	X07–22	FX 07	1.9
X07		35	130	102	21	14	38	16	51.2	49.2	19.0			X07		
X07–23	1 7/16													X07–23		
UCF **X08–24**	1 1/2		5 13/32	4 9/64	55/64	9/16	1 9/16	3/4	2 1/16	1.9370	0.7480	M16	5/8	UC X08–24	FX 08	2.1
X08		40	137	105	22	14	40	19	52.2	49.2	19.0			X08		
UCF **X09–26**	1 5/8													UC X09–26		
X09–27	1 11/16		5 5/8	4 3/8	29/32	9/16	1 9/16	3/4	2 3/16	2.0315	0.7480	M16	5/8	X09–27	FX 09	2.5
X09–28	1 3/4		143	111	23	14	40	19	55.6	51.6	19.0			X09–28		
X09		45												X09		
UCF **X10–30**	1 7/8													UC X10–30		
X10–31	1 15/16		6 3/8	5 1/8	1 1/32	25/32	1 23/32	3/4	2 11/32	2.1890	0.8740	M16	5/8	X10–31	FX 10	3.6
X10		50	162	130	26	20	44	19	59.4	55.6	22.2			X10		
X10–32	2													X10–32		
UCF **X11**		55												UC X11		
X11–34	2 1/8		6 7/8	5 5/8	1 9/64	25/32	1 15/16	3/4	2 23/32	2.5630	1.0000	M16	5/8	X11–34	FX 11	4.7
X11–35	2 3/16		175	143	29	20	49	19	68.7	65.1	25.4			X11–35		
X11–36	2 1/4													X11–36		
UCF **X12–36**	2 1/4													UC X12–36		
X12		60	7 3/8	5 55/64	1 11/32	13/16	2 5/16	3/4	2 29/32	2.5630	1.0000	M16	5/8	X12	FX 12	5.5
X12–38	2 3/8		187	149	34	21	59	19	73.7	65.1	25.4			X12–38		
X12–39	2 7/16													X12–39		
UCF **X13–40**	2 1/2		7 3/8	5 55/64	1 11/32	13/16	2 5/16	3/4	3 3/32	2.9370	1.1890	M16	5/8	UC X13–40	FX 13	5.9
X13		65	187	149	34	21	59	19	78.4	74.6	30.2			X13		
UCF **X14–44**	2 3/4		7 3/4	5 63/64	1 29/64	15/16	2 3/8	29/32	3 7/32	3.0630	1.3110	M 20	3/4	UC X14–44	FX 14	7.3
X14		70	197	152	37	24	60	23	81.5	77.8	33.3			X14		
UCF **X15**		75	7 3/4	5 63/64	1 37/64	15/16	2 11/16	29/32	3 17/32	3.2520	1.3110	M 20	3/4	UC X15	FX 15	8.0
X15–47	2 15/16		197	152	40	24	68	23	89.3	82.6	33.3			X15–47		
X15–48	3													X15–48		
UCF **X16**		80	8 7/16	6 47/64	1 37/64	15/16	2 3/4	29/32	3 19/32	3.3740	1.3425	M 20	3/4	UC X16	FX 16	9.8
X16–50	3 1/8		214	171	40	24	70	23	91.6	85.7	34.1			X16–50		
UCF **X17**		85	8 7/16	6 47/64	1 37/64	15/16	2 3/4	29/32	3 25/32	3.7795	1.5630	M 20	3/4	UC X17	FX 17	10.5
X17–52	3 1/4		214	171	40	24	70	23	96.3	96.0	39.7			X17–52		
UCF **X18–56**	3 1/2		8 7/16	6 47/64	1 49/64	15/16	3	29/32	4 3/16	4.0945	1.6890	M 20	3/4	UC X18–56	FX 18	11.2
X18		90	214	171	45	24	76	23	106.1	104.0	42.9			X18		
UCF **X20**		100	10 9/16	8 5/16	2 21/64	1 7/32	3 13/16	1 7/32	5 3/250	4.6260	1.9370	M 27	1	UC X20	FX 20	18.1
X20–64	4		268	211	59	31	97	31	127.3	117.5	49.2			X20–64		



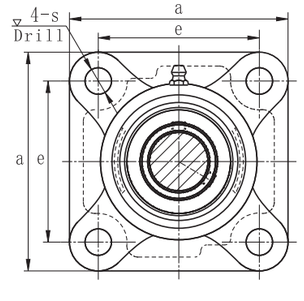


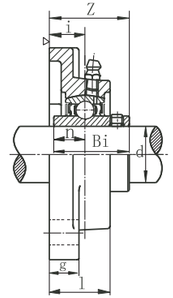
SR type seal

UKF X00

medium-duty

Bearing unit No.	Shaft Dia. d (in.)	d (mm)	a	e	i	g	l	S	Z	S1	Bolt used (mm)	Bolt used (in.)	Bearing No.	Adapter sleeve No.	Housing No.	Weight (kg)
UKF **X05+HE2305**	3/4		4 1/4	3 17/64	45/64	1/2	1 3/16	15/32	1 17/32	0.8268	M10	3/8	UK X05	HE2305	FX 05	1.1
X05+H2305		20	108	83	18	13	30	12	39	21				H2305		
UKF **X06+HS2306**	7/8													HS2306		
X06+HA2306	15/16		4 19/32	3 5/8	3/4	9/16	1 11/32	5/8	1 19/32	0.8465	M14	1/2	UK X06	HA2306	FX 06	1.4
X06+H2306		25	117	92	19	14	34	16	40.5	21.5				H2306		
X06+HE2306	1													HE2306		
UKF **X07+HS2307**	1 1/8		5 1/8	4 1/64	53/64	9/16	1 1/2	5/8	1 3/4	0.9252	M14	1/2	UK X07	HS2307	FX 07	1.8
X07+H2307		30	130	102	21	14	38	16	44.5	23.5				H2307		
X07+HA2307	1 3/16													HA2307		
UKF **X08+HE2308**	1 1/4		5 13/32	4 9/64	53/64	9/16	1 9/16	3/4	1 27/32	0.9843	M16	5/8	UK X08	HE2308		
X08+HS2308	1 3/8		137	105	22	14	40	19	47	25				HS2308	FX 08	1.8
X08+H2308		35												H2308		
UKF **X09+HA2309**	1 7/16													HA2309		
X09+HE2309	1 1/2		5 5/8	4 3/8	29/32	9/16	1 9/16	3/4	1 61/64	1.0433	M16	5/8	UK X09	HE2309	FX 09	2.4
X09+H2309		40	143	111	23	14	40	19	49.5	26.5				H2309		
UKF **X10+HS2310**	1 5/8													HS2310		
X10+HA2310	1 11/16		6 3/8	5 1/8	1 1/32	25/32	1 23/32	3/4	2 9/64	1.1220	M16	5/8	UK X10	HA2310		
X10+HE2310	1 3/4		162	130	26	20	44	19	54.5	28.5				HE2310	FX 10	3.6
X10+H2310		45												H2310		
UKF **X11+HS2311**	1 7/8													HS2311		
X11+HA2311	1 15/16		6 7/8	5 5/8	1 9/64	25/32	1 15/16	3/4	2 21/64	1.1811	M16	5/8	UK X11	HA2311		
X11+H2311		50	175	143	29	20	49	19	59	30				H2311	FX 11	4.3
X11+HE2311	2													HE2311		
UKF **X12+HS2312**	2 1/8		7 3/8	5 55/64	1 11/32	53/64	2 21/64	3/4	2 19/32	1.2598	M16	5/8	UK X12	HS2312		
X12+H2312		55	187	149	34	21	59	19	66	32				H2312	FX 12	5.3
UKF **X13+HA2313**	2 3/16													HA2313		
X13+HE2313	2 1/4		7 3/8	5 55/64	1 11/32	53/64	2 21/64	3/4	2 43/64	1.3386	M16	5/8	UK X13	HE2313		
X13+H2313		60	187	149	34	21	59	19	68	34				H2313	FX 13	5.2
X13+HS2313	2 3/8													HS2313		
UKF **X15+HA2315**	2 7/16													HA2315		
X15+HE2315	2 1/2		7 3/4	5 63/64	1 37/64	15/16	2 11/16	29/32	3 1/32	1.4567	M20	3/4	UK X15	HE2315	FX 15	7.7
X15+H2315		65	197	152	40	24	68	23	77	37				H2315		
UKF **X16+HA2316**	2 11/16													HA2316		
X16+HE2316	2 3/4		8 7/16	6 47/64	1 37/64	15/16	2 3/4	29/32	3 5/32	1.5748	M20	3/4	UK X16	HE2316	FX 16	10.2
X16+H2316		70	214	171	40	24	70	23	80	40				H2316		
UKF **X17+HA2317**	2 15/16													HA2317		
X17+H2317		75	8 7/16	6 47/64	1 37/64	15/16	2 3/4	29/32	3 1/4	1.6732	M20	3/4	UK X17	H2317	FX 17	10.1
X17+HE2317	3		214	171	40	24	70	23	82.5	42.5				HE2317		
UKF **X18+H2318**		80	8 7/16	6 47/64	1 49/64	15/16	3	29/32	3 1/2	1.7322	M20	3/4	UK X18	H2318	FX 18	10.2
			214	171	45	24	76	23	89	44						
UKF **X20+H2320**		90	10 9/16	8 5/16	2 21/64	7/32	3 13/16	7/32	4 1/4	1.9291	M27	1	UK X20	H2320	FX 20	15.9
			268	211	59	31	97	31	108	49						





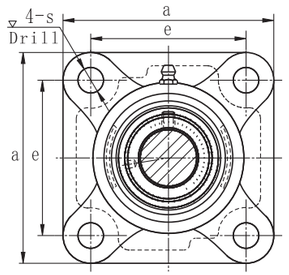
TRL type seal

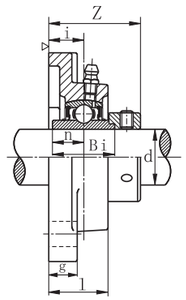
SR type seal

UCF 300

heavy-duty

Bearing unit No.	Shaft Dia. d (in.)	d (mm)	a	e	i	g	l	s	z	Bi	n	Bolt used (mm)	Bolt used (in.)	Bearing No.	Housing No.	Weight (kg)
UCF **305**		25	4 11/32	3 5/32	5/8	1/2	1 5/32	5/8	1 17/32	1.4961	0.5906	M14	1/2	UC 305		
305–16	1		110	80	16	13	29	16	39	38	15			305–16	F 305	1.2
UCF **306–18**	1 1/8		4 29/32	3 47/64	45/64	19/32	1 1/4	5/8	1 23/32	1.6929	0.6693			UC 306–18		
306		30	125	95	18	15	32	16	44	43	17	M14	1/2	306	F 306	1.8
306–19	1 3/16													306–19		
UCF **307–20**	1 1/4													UC 307–20		
307–22	1 3/8		5 5/16	3 15/16	25/32	5/8	1 13/32	3/4	1 15/16	1.8897	0.7480	M16	5/8	307–22	F 307	2.2
307		35	135	100	20	16	36	19	49	48	19			307		
307–23	1 7/16													307–23		
UCF **308–24**	1 1/2		5 29/32	4 13/32	29/32	21/32	1 9/16	3/4	2 7/32	2.0472	0.7480	M16	5/8	UC 308–24	F 308	3.0
308		40	150	112	23	17	40	19	56	52	19			308		
UCF **309–28**	1 3/4		6 5/16	4 59/64	63/64	23/32	1 23/32	3/4	2 3/8	2.2441	0.8661	M16	5/8	UC 309–28		
309		45	160	125	25	18	44	19	60	57	22			309	F 309	3.8
UCF **310–31**	1 15/16		6 7/8	5 13/64	1 7/64	3/4	1 7/8	29/32	1 5/8	2.4015	0.8661			UC 310–31		
310		50	175	132	28	19	48	23	67	61	22	M20	3/4	310	F 310	4.9
310–32	2													310–32		
UCF **311–32**	2		7 9/32	5 33/64	1 3/16	25/32	2 1/16	29/32	2 25/32	2.5984	0.9842			UC 311–32		
311		55	185	140	30	20	52	23	71	66	25	M20	3/4	311	F 311	5.6
UCF **312**	2 1/4	60	7 11/16	5 29/32	1 19/64	7/8	2 7/32	29/32	3 1/16	2.7953	1.0236	M20	3/4	UC 312	F 312	6.8
312–36			195	150	33	22	56	23	78	71	26			312–36		
UCF **313–40**	2 1/2		8 3/16	6 17/32	1 19/64	7/8	2 9/32	29/32	3 1/16	2.9528	1.1881	M20	3/4	UC 313–40		
313		65	208	166	33	22	58	23	78	75	30			313	F 313	7.8
UCF **314–44**	2 3/4		8 29/32	7 1/64	1 27/64	1	2 13/32	63/64	3 3/16	3.0709	1.2992	M22	7/8	UC 314–44		
314		70	226	178	36	25	61	25	81	78	33			314	F 314	9.8
UCF **315**		75	9 9/32	7 1/4	1 17/32	1	2 19/32	63/64	3 1/2	3.2283	1.2598			UC 315		
315–47	2 15/16		236	184	39	25	66	25	89	82	32	M22	7/8	315–47	F 315	11.6
315–48	3													315–48		
UCF **316**		80	9 27/32	7 23/32	1 1/2	1 1/16	2 11/16	1 7/32	3 17/32	3.3858	1.3386	M27	1	UC 316		
316–50	3 1/8		250	196	38	27	68	31	90	86	34			316–50	F 316	13.2
UCF **317**		85	10 1/4	8 1/32	1 47/64	1 1/16	2 29/32	1 7/32	3 15/16	3.7795	1.5748	M27	1	UC 317	F 317	15.2
			260	204	44	27	74	31	100	96	40					
UCF **318–56**	3 1/2		11 1/32	8 1/2	1 47/64	1 3/16	3	1 3/8	3 15/16	3.7795	1.5748	M30	1 1/8	UC 318–56		
318		90	280	216	44	30	76	35	100	96	40			318	F 318	18.8
UCF **319**		95	11 13/32	8 31/32	2 21/64	1 3/16	3 11/16	1 3/8	4 3/4	4.0551	1.6142	M30	1 1/8	UC 319	F 319	21.1
			290	228	59	30	94	35	121	103	41					
UCF **320**		100	12 7/32	9 17/32	2 21/64	1 1/4	3 11/16	1 1/2	4 29/32	4.2519	1.6535	M33	1 1/4	UC 320		
320–64	4		310	242	59	32	94	38	125	108	42			320–64	F 320	25.3
UCF **322**		110	13 3/8	10 15/32	2 23/64	1 3/8	3 25/32	1 39/64	5 5/32	4.6063	1.8110	M36	1 3/8	UC 322	F 322	35.0
			340	266	60	35	96	41	131	117	46					
UCF **324**		120	14 9/16	11 27/64	2 9/16	1 9/16	4 11/32	1 39/64	5 1/2	4.9606	2.0079	M36	1 3/8	UC 324	F 324	47.2
			370	290	65	40	110	41	140	126	51					
UCF **326**		130	16 5/32	12 19/32	2 9/16	1 25/32	4 17/32	1 39/64	5 3/4	5.3150	2.1260	M36	1 3/8	UC 326	F 326	64.1
			410	320	65	45	115	41	146	135	54					
UCF **328**		140	17 23/32	13 25/32	2 61/64	2 5/32	4 29/32	1 39/64	6 11/32	5.7086	2.3228	M36	1 3/8	UC 328	F 328	90.2
			450	350	75	55	125	41	161	145	59					





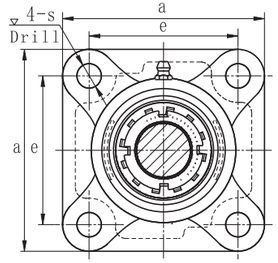
SR type seal

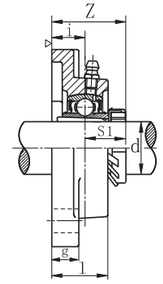
TRL type seal

EWF 300 =
HCF 300
heavy-duty

Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	S	Z	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
HCF **305**		25	4 11/32	3 5/32	5/8	1/2	1 5/32	5/8	1 13/16	1.3740	0.6562	M14	1/2	HC 305	F 305	1.2
305–16	1		110	80	16	13	29	16	46.1	34.9	16.7			305–16		
HCF **306–18**	1 1/8		4 29/32	3 47/64	45/64	19/32	1 1/4	5/8	1 63/64	1.4370	0.6890			HC 306–18		
306		30	125	95	18	15	32	16	50.5	36.5	17.5	M14	1/2	306	F 306	1.7
306–19	1 3/16													306–19		
HCF **307–20**	1 1/4													HC 307–20		
307–22	1 3/8		5 5/16	3 15/16	25/32	5/8	1 13/32	3/4	2 3/32	1.5000	0.7205			307–22		
307		35	135	100	20	16	36	19	53.3	38.1	18.3	M16	5/8	307	F 307	2.0
307–23	1 7/16													307–23		
HCF **308–24**	1 1/2		5 29/32	4 13/32	29/32	21/32	1 9/16	3/4	2 3/8	1.6260	0.7795			HC 308–24		
308		40	150	112	23	17	40	19	60.3	41.3	19.8	M16	5/8	308	F 308	2.8
HCF **309–28**	1 3/4		6 5/16	4 59/64	63/64	23/32	1 23/32	3/4	2 33/64	1.6890	0.7795			HC 309–28		
309		45	160	125	25	18	44	19	63.9	42.9	19.8	M16	5/8	309	F 309	3.6
HCF **310–31**	1 15/16		6 7/8	5 13/64	1 7/64	3/4	1 7/8	29/32	2 3/4	1.9370	0.9685			HC 310–31		
310		50	175	132	28	19	48	23	70	49.2	24.6	M20	3/4	310	F 310	4.7
310–32	2													310–32		
HCF **311–32**	2		7 9/32	5 33/64	1 3/16	25/32	2 1/16	29/32	2 61/64	2.1890	1.0945			HC 311–32		
311		55	185	140	30	20	52	23	75.2	55.6	27.8	M20	3/4	311	F 311	5.7
HCF **312**		60	7 11/16	5 29/32	1 9/64	7/8	2 7/32	29/32	3 13/64	2.4370	1.2185			HC 312		
312–36	2 1/4		195	150	33	22	56	23	81.45	61.9	30.95	M20	3/4	312–36	F 312	6.8
HCF **313–40**	2 1/2		8 3/16	6 17/32	1 19/64	7/8	2 9/32	29/32	3 25/64	2.5630	1.2795			HC 313–40		
313		65	208	166	33	22	58	23	86.2	65.1	32.5	M20	3/4	313	F 313	8.3
HCF **314–44**	2 3/4		8 29/32	7 1/64	1 27/64	1	2 13/32	63/64	3 45/64	2.6890	1.3445			HC 314–44		
314		70	226	178	36	25	61	25	93.95	68.3	34.15	M22	7/8	314	F 314	10.7
HCF **315**		75	9 9/32	7 1/4	1 17/32	1	2 19/32	63/64	4	2.9370	1.4685			HC 315		
315–47	2 15/16													315–47	F 315	12.24
315–48	3		236	184	39	25	66	25	101.7	74.6	37.3	M22	7/8	315–48		
HCF **316**		80	9 27/32	7 23/32	1 1/2	1 1/16	2 11/16	1 7/32	4 3/32	3.1890	1.5945			HC 316		
316–50	3 1/8		250	196	38	27	68	31	103.9	81	40.5	M27	1	316–50	F 316	16
HCF **317**		85	10 1/4	8 1/32	1 47/64	1 1/16	2 29/32	1 7/32	4 25/64	3.3110	1.6535			HC 317		
			260	204	44	27	74	31	111.5	84.1	42	M27	1		F 317	17
HCF **318–56**	3 1/2		11 1/32	8 1/2	1 47/64	1 3/16	3	1 3/8	4 37/64	3.4370	1.7165			HC 318–56		
318		90	280	216	44	30	76	35	116.3	87.3	43.6	M30	1 1/8	318	F 318	21
HCF **319**		95	11 13/32	8 31/32	2 21/64	1 3/16	3 11/16	1 3/8	5 19/64	3.6890	1.8425			HC 319		
			290	228	59	30	94	35	134.5	93.7	46.8	M30	1 1/8		F 319	23
HCF **320**		100	12 7/32	3 17/32	2 21/64	1 1/4	3 11/16	1 1/2	5 27/64	3.9370	1.9685			HC 320		
320–64	4		310	242	59	32	94	38	137.6	100	50	M33	1 1/4	320–64	F 320	28

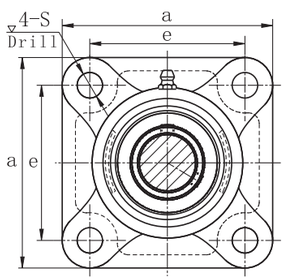
UKF 300
heavy-duty

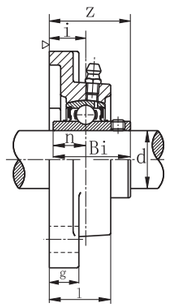




SR type seal

Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	s	z	S1	Bolt used (mm)	(in.)	Bearing No.	Adapter sleeve No.	Housing No.	Weight (kg)
UKF **305+HE2305**	3/4		4 11/32	3 5/32	5/8	1/2	1 5/32	5/8	1 15/32	0.8464	M14	1/2	UK 305	HE 2305	F 305	1.2
305+H2305		20	110	80	16	13	29	16	37.5	21.5				H 2305		
UKF **306+HS2306**	7/8		4 29/32	3 47/64	45/64	19/32	1 1/4	5/8	1 39/64	0.9055				HS 2306		
306+HA2306	15/16										M14	1/2	UK 306	HA 2306	F 306	1.8
306+H2306		25	125	95	18	15	32	16	41	23				H 2306		
306+HE2306	1													HE 2306		
UKF **307+HS2307**	1 1/8		5 5/16	3 15/16	25/32	5/8	1 13/32	3/4	1 51/64	1.0039				HS 2307		
307+H2307		30									M16	5/8	UK 307	H 2307	F 307	2.2
307+HA2307	1 3/16		135	100	20	16	36	19	45.5	25.5				HA 2307		
UKF **308+HE2308**	1 1/4		5 29/32	4 13/32	29/32	21/32	9/16	3/4	1 63/64	1.0827				HE 2308		
308+HS2308	1 3/8										M16	5/8	UK 308	HS 2308	F 308	3.0
308+H2308		35	150	112	23	17	40	19	50.5	27.5				H 2308		
UKF **309+HA2309**	1 7/16		6 5/16	4 59/64	63/64	23/32	23/32	3/4	2 11/64	1.1811				HA 2309		
309+HE2309	1 1/2										M16	5/8	UK 309	HE 2309	F 309	3.8
309+H2309		40	160	125	25	18	44	19	55	30				H 2309		
UKF **310+HS2310**	1 5/8													HS 2310		
310+HA2310	1 11/16		6 7/8	5 13/64	1 7/64	3/4	1 7/8	29/32	2 23/64	1.2598				HA 2310		
310+HE2310	1 3/4										M20	3/4	UK 310	HE 2310	F 310	4.9
310+H2310		45	175	132	28	19	48	23	60	32				H 2310		
UKF **311+HS2311**	1 7/8													HS 2311		
311+HA2311	1 15/16		7 9/32	5 33/64	1 3/16	25/32	2 1/16	29/32	2 1/2	1.3189				HA 2311		
311+H2311		50	185	140	30	20	52	23	63.5	33.5	M20	3/4	UK 311	H 2311	F 311	5.6
311+HE2311	2													HE 2311		
UKF **312+HS2312**	2 1/8		7 11/16	5 29/32	1 19/64	7/8	2 7/32	29/32	2 47/64	1.4370				HS 2312		
312+H2312		55	195	150	33	22	56	23	69.5	36.5	M20	3/4	UK 312	H 2312	F 312	6.8
UKF **313+HA2313**	2 3/16													HA 2313		
313+HE2313	2 1/4		8 3/16	6 17/32	1 19/64	7/8	2 9/32	29/32	2 13/16	1.5157				HE 2313		
313+H2313		60	208	166	33	22	58	23	71.5	38.5	M20	3/4	UK 313	H 2313	F 313	7.8
313+HS2313	2 3/8													HS 2313		
UKF **315+HA2315**	2 7/16		9 9/32	7 1/4	1 17/32	1	2 19/32	63/64	3 13/64	1.6732				HA 2315		
315+HE2315	2 1/2										M22	7/8	UK 315	HE 2315	F 315	11.6
315+H2315		65	236	184	39	25	66	25	81.5	42.5				H 2315		
UKF **316+HA2316**	2 11/16		9 27/32	7 23/32	1 1/2	1 1/16	2 11/16	1 7/32	3 1/4	1.7520				HA 2316		
316+HE2316	2 3/4										M27	1	UK 316	HE 2316	F 316	13.2
316+H2316		70	250	196	38	27	68	31	82.5	44.5				H 2316		
UKF **317+HA2317**	2 15/16		10 1/4	8 1/32	1 47/64	1 1/16	2 29/32	1 7/32	3 5/8	1.8898				HA 2317		
317+H2317		75	260	204	44	27	74	31	92	48	M27	1	UK 317	H 2317	F 317	15.2
317+HE2317	3													HE 2317		
UKF **318+H2318**		80	11 1/32	8 1/2	1 47/64	1 3/16	3	1 3/8	3 5/8	1.8898	M30	1 1/8	UK 318	H 2318	F 318	18.8
			280	216	44	30	76	35	92	48						
UKF **319+HE2319**	3 1/4		11 13/32	8 31/32	2 21/64	1 3/16	3 11/16	1 3/8	4 3/8	2.0472				HS 2319		
319+H2319		85	290	228	59	30	94	35	111	52	M30	1 1/8	UK 319	H 2319	F 319	21.1
UKF **320+HE2320**	3 1/2		12 7/32	3 17/32	2 21/64	1 1/4	3 11/16	1 1/2	4 17/32	2.2047				HS 2320		
320+H2320		90	310	242	59	32	94	38	115	56	M33	1 1/4	UK 320	H 2320	F 320	25.3
UKF **322+H2322**		100	13 3/8	10 15/32	2 23/64	1 3/8	3 25/32	1 39/64	4 49/64	2.4016	M36	1 3/8	UK 322	H 2322	F 322	35.0
			340	266	60	35	96	41	121	61						
UKF **324+H2324**		110	14 9/16	11 27/64	2 9/16	1 9/16	4 11/32	1 39/64	5 1/8	2.5590	M36	1 3/8	UK 324	H 2324	F 324	47.2
			370	290	65	40	110	41	130	65						
UKF **326+H2326**		115	16 5/32	12 19/32	2 9/16	1 25/32	4 17/32	1 39/64	5 9/32	2.7165	M36	1 3/8	UK 326	H 2326	F 326	64.1
			410	320	65	45	115	41	134	69						
UKF **328+H2328**		125	17 23/32	13 25/32	2 61/64	2 5/32	4 29/32	1 39/64	5 53/64	2.8740	M36	1 3/8	UK 328	H 2328	F 328	90.2
			450	350	75	55	125	41	148	73						





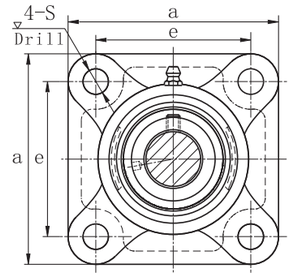
SR type seal

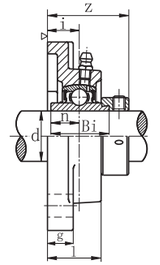
TRL type seal

UCFS 200
normal-duty

Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	S	Z	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
UCFS **201**		12												UC 201	FS 201	0.80
201-8	1/2													201-8		
UCFS **202-9**	9/16													UC 202-9		
202		15	3 3/8	2 1/2	13/16	3/8	1 5/16	7/16	1 17/32	1.2205	0.5000	M10	3/8	202	FS 202	0.79
202-10	5/8		86	63.5	20.6	9.5	33	11	38.9	31.0	12.7			202-10		
UCFS **203**		17												UC 203	FS 203	0.77
203-11	11/16													203-11		
UCFS **204-12**	3/4													UC 204-12		
204		20	3 3/8	2 1/2	13/16	3/8	1 5/16	7/16	1 17/32	1.2205	0.5000	M10	3/8	204	FS 204	0.76
			86	63.5	20.6	9.5	33	11	38.9	31.0	12.7					
UCFS **205-14**	7/8													UC 205-14		
205-15	15/16		3 3/4	2 3/4	53/64	7/16	1 3/8	29/64	1 39/64	1.3386	0.5630	M10	3/8	205-15		
205		25	95	70	21	11	35	11.5	40.7	34.0	14.3			205	FS 205	1.03
205-16	1													205-16		
UCFS **206-17**	1 1/16													UC 206-17		
206-18	1 1/8													206-18		
206		30	4 1/4	3 1/4	57/64	1/2	1 15/32	33/64	1 49/64	1.5000	0.6260	M12	7/16	206	FS 206	1.40
206-19	3 1/16		108	82.6	22.6	11	37.3	13	44.8	38.1	15.9			206-19		
206-20	1 1/4													206-20		
UCFS **207-20**	1 1/4													UC 207-20		
207-21	1 5/16													207-21		
207-22	1 3/8		4 39/64	3 5/8	7/8	33/64	1 1/2	33/64	1 7/8	1.6890	0.6890	M12	7/16	207-22	FS 207	1.80
207		35	117	92	22.2	13	38	13	47.6	42.9	17.5			207		
207-23	1 7/16													207-23		
UCFS **208-24**	1 1/2													UC 208-24		
208-25	1 9/16		5 1/8	4	31/32	5/8	1 5/8	35/64	2 5/32	1.9370	0.7480	M12	1/2	208-25	FS 208	2.15
208		40	130	101.6	24.6	16	41.3	14	54.8	49.2	19.0			208		
UCFS **209-26**	1 5/8													UC 209-26		
209-27	1 11/16													209-27		
209-28	1 3/4		5 3/8	4 1/8	31/32	5/8	1 21/32	5/8	2 5/32	1.9370	0.7480	M14	9/16	209-28	FS 209	2.52
209		45	137	105	24.6	16	42	16	54.8	49.2	19.0			209		
UCFS **210-30**	1 7/8													UC 210-30		
210-31	1 15/16		5 5/8	4 3/8	1 3/32	5/8	1 13/16	5/8	2 3/8	2.0315	0.7480	M14	9/16	210-31	FS 210	3.00
210		50	143	111	27.8	16	46	16	60.4	51.6	19.0			210		
UCFS **211-32**	2													UC 211-32		
211-34	2 1/8		6 3/8	5 1/8	1 7/32	11/16	1 31/32	43/64	2 17/32	2.1890	0.8740	M16	5/8	211-34		
211		55	162	130	31.0	17.5	50	17	64.4	55.6	22.2			211	FS 211	3.80
211-35	2 3/16													211-35		
UCFS **212-36**	2 1/4													UC 212-36		
212		60	6 7/8	5 5/8	1 11/32	11/16	2 5/32	43/64	2 29/32	2.5630	1.0000	M16	5/8	212	FS 212	4.88
212-38	2 3/8		175	143	34.1	17.5	54.8	17	73.8	65.1	25.4			212-38		
212-39	2 7/16													212-39		

EWFS 200 =
HCFS 200
normal-duty

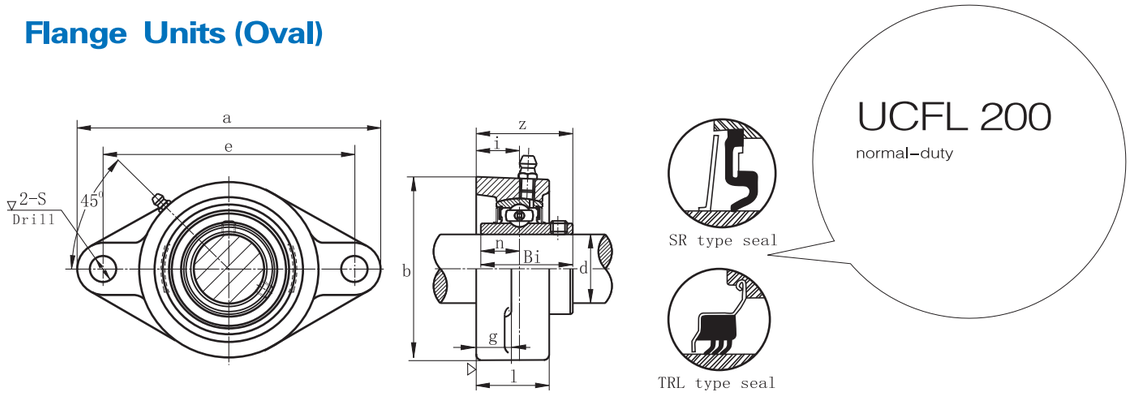




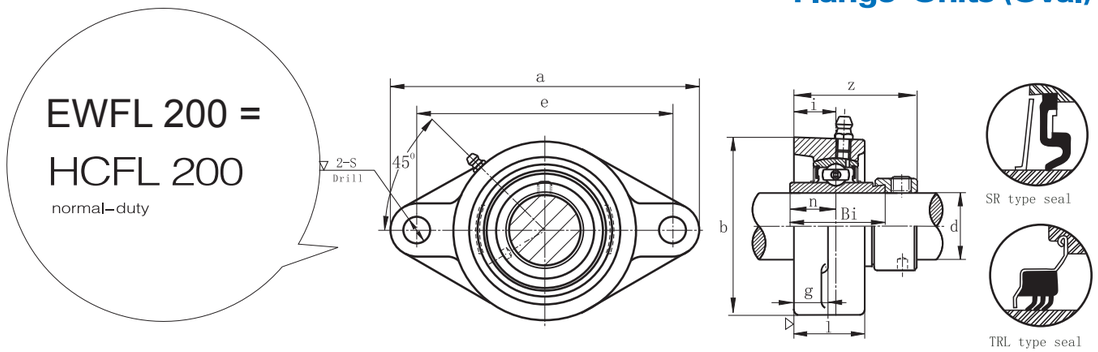
SR type seal

TRL type seal

Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	s	z	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
HCFS **204-12**	3/4													HC 204-12		
204		20	3 3/8	2 1/2	13/16	3/8	1 5/16	7/16	1 55/64	1.3465	0.6732	M10	3/8	204	FS 204	0.80
			86	63.5	20.6	9.5	33	11	47.2	34.2	17.1					
HCFS **205-14**	7/8													HC 205-14		
205-15	15/16		3 3/4	2 3/4	53/64	7/16	1 3/8	29/64	1 57/64	1.3701	0.6850	M10	3/8	205-15		
205		25	95	70	21	11	35	11.5	47.9	34.8	17.4			205	FS 205	1.07
205-16	1													205-16		
HCFS **206-17**	1 1/16													HC 206-17		
206-18	1 1/8													206-18		
206		30	4 1/4	3 1/4	57/64	1/2	1 15/32	33/64	2 5/64	1.4370	0.7205	M12	7/16	206	FS 206	1.45
206-19	1 3/16		108	82.6	22.6	11	37.3	13	52.7	36.5	18.3			206-19		
206-20	1 1/4													206-20		
HCFS **207-20**	1 1/4													HC 207-20		
207-21	1 5/16													207-21		
207-22	1 3/8		4 39/64	3 5/8	7/8	33/64	1 1/2	33/64	2 9/64	1.4803	0.7402	M12	7/16	207-22	FS 207	1.90
207		35	117	92	22.2	13	38	13	54.5	37.6	18.8			207		
207-23	1 7/16													207-23		
HCFS **208-24**	1 1/2													HC 208-24		
208-25	1 9/16		5 1/8	4	31/32	5/8	1 5/8	35/64	2 11/32	1.6850	0.8425	M12	1/2	208-25	FS 208	2.30
208		40	130	101.6	24.6	16	41.3	14	59.5	42.8	21.4			208		
HCFS **209-26**	1 5/8													HC 209-26		
209-27	1 11/16													209-27		
209-28	1 3/4		5 3/8	4 1/8	31/32	5/8	1 21/32	5/8	2 11/32	1.6850	0.8425	M14	9/16	209-28	FS 209	2.70
209		45	137	105	24.6	16	42	16	59.5	42.8	21.4			209		
HCFS **210-30**	1 7/8													HC 210-30		
210-31	1 15/16		5 5/8	4 3/8	1 3/32	5/8	1 13/16	5/8	2 19/32	1.9370	0.9685	M14	9/16	210-31	FS 210	3.20
210		50	143	111	27.8	16	46	16	65.9	49.2	24.6			210		
HCFS **211-32**	2													HC 211-32		
211-34	2 1/8		6 3/8	5 1/8	1 7/32	11/16	1 31/32	43/64	2 15/16	2.1850	1.0940	M16	5/8	211-34		
211		55	162	130	31.0	17.5	50	17	74.6	55.5	27.8			211	FS 211	4.20
211-35	2 3/16													211-35		
HCFS **212-36**	2 1/4													HC 212-36		
212		60	6 7/8	5 5/8	1 11/32	11/16	2 5/32	43/64	3 3/16	2.4370	1.2200	M16	5/8	212	FS 212	5.30
212-38	2 3/8		175	143	34.1	17.5	54.8	17	80.9	61.9	31.0			212-38		
212-39	2 7/16													212-39		

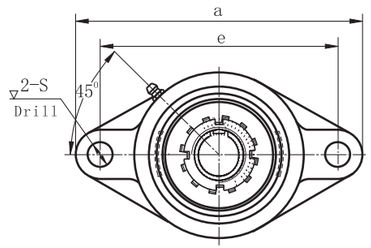


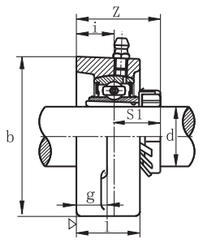
Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	S	b	Z	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
UCFL **201**		12	4 7/16	3 35/64	19/32	15/32	1	15/32	2 3/8	1 5/16	1.2205	0.5000	M10	3/8	UC 201	FL 201	0.49
201–8	1/2		113	90	15	12	25.5	12	60	33.3	31.0	12.7			201–8		
UCFL **202**		15	4 7/16	3 35/64	19/32	15/32	1	15/32	2 3/8	1 5/16	1.2205	0.5000	M10	3/8	UC 202	FL 202	0.49
202–10	5/8		113	90	15	12	25.5	12	60	33.3	31.0	12.7			202–10		
UCFL **203**		17	4 7/16	3 35/64	19/32	15/32	1	15/32	2 3/8	1 5/16	1.2205	0.5000	M10	3/8	UC 203	FL 203	0.49
203–11	11/16		113	90	15	12	25.5	12	60	33.3	31.0	12.7			203–11		
UCFL **204–12**	3/4		4 7/16	3 35/64	19/32	15/32	1	15/32	2 3/8	1 5/16	1.2205	0.5000	M10	3/8	UC 204–12		
204		20	113	90	15	12	25.5	12	60	33.3	31.0	12.7			204	FL 204	0.49
UCFL **205–14**	7/8		5 1/8	3 57/64	5/8	9/16	1 1/16	5/8	2 11/16	1 13/32	1.3386	0.5630	M14	1/2	UC 205–14		
205–15	15/16														205–15		
205		25	130	99	16	14	27	16	68	35.7	34.0	14.3			205	FL 205	0.63
205–16	1														205–16		
UCFL **206–18**	1 1/8		5 13/16	4 39/64	45/64	9/16	1 7/32	5/8	3 5/32	1 19/32	1.5000	0.6260	M14	1/2	UC 206–18		
206		30													206		
206–19	1 3/16		148	117	18	14	31	16	80	40.2	38.1	15.9			206–19	FL 206	0.94
206–20	1 1/4														206–20		
UCFL **207–20**	1 1/4														UC 207–20		
207–21	1 5/16		6 11/32	5 1/8	3/4	5/8	1 11/32	5/8	3 17/32	1 3/4	1.6890	0.6890	M14	1/2	207–21		
207–22	1 3/8														207–22		
207		35	161	130	19	16	34	16	90	44.4	42.9	17.5			207	FL 207	1.2
207–23	1 7/16														207–23		
UCFL **208–24**	1 1/2		6 7/8	5 43/64	53/64	5/8	1 13/32	5/8	3 15/16	2 1/64	1.9370	0.7480	M14	1/2	UC 208–24		
208–25	1 9/16														208–25		
208		40	175	144	21	16	36	16	100	51.2	49.2	19.0			208	FL 208	1.6
UCFL **209–26**	1 5/8														UC 209–26		
209–27	1 11/16		7 13/32	5 53/64	55/64	23/32	1 1/2	3/4	4 1/4	2 1/16	1.9370	0.7480	M16	5/8	209–27		
209–28	1 3/4														209–28		
209		45	188	148	22	18	38	19	108	52.2	49.2	19.0			209	FL 209	1.9
UCFL **210–30**	1 7/8														UC 210–30		
210–31	1 15/16		7 3/4	6 3/16	55/64	23/32	1 9/16	3/4	4 17/32	2 5/32	2.0315	0.7480	M16	5/8	210–31		
210		50	197	157	22	18	40	19	115	54.6	51.6	19.0			210	FL 210	2.2
210–32	2														210–32		
UCFL **211–32**	2														UC 211–32		
211–34	2 1/8		8 13/16	7 1/4	63/64	25/32	1 11/16	3/4	5 1/8	2 19/64	2.1890	0.8740	M16	5/8	211–34		
211		55	224	184	25	20	43	19	130	58.4	55.6	22.2			211	FL 211	3.2
211–35	2 3/16														211–35		
UCFL **212–36**	2 1/4		9 27/32	7 61/64	1 9/64	25/32	1 7/8	29/32	5 1/2	2 45/64	2.5630	1.0000	M 20	3/4	UC 212–36		
212		60													212		
212–38	2 3/8		250	202	29	20	48	23	140	68.7	65.1	25.4			212–38	FL 212	4.1
212–39	2 7/16														212–39		
UCFL **213–40**	2 1/2		10 5/32	8 17/64	1 3/16	15/16	1 31/32	29/32	6 3/32	2 3/4	2.5630	1.0000	M 20	3/4	UC 213–40		
213		65	258	210	30	24	50	23	155	69.7	65.1	25.4			213	FL 213	5.1
UCFL **214–44**	2 3/4		10 7/16	8 1/2	1 7/32	15/16	2 1/8	29/32	6 5/16	2 31/32	2.9370	1.1890	M 20	3/4	UC 214–44		
214		70	265	216	31	24	54	23	160	75.4	74.6	30.2			214	FL 214	5.9
UCFL **215**		75	10 13/16	8 55/64	1 1/8	55/64	2 1/4	29/32	6 1/2	3 1/8	3.0630	1.3110	M 20	3/4	UC 215		
215–48	3		275	225	35	22	57	23	165	79.5	77.8	33.3			215–48	FL 215	6.4
UCFL **216**		80	11 13/32	9 11/64	1 1/8	29/32	2 1/64	63/64	7 3/32	3 21/64	3.2520	1.3110	M 22	7/8	UC 216		
216–50	3 1/8		290	233	35	23	59	25	180	84.3	82.6	33.3			216–50	FL 216	7.9
UCFL **217–52**	3 1/4		12	9 49/64	1 27/64	1 1/32	2 15/32	63/64	7 15/32	3 7/16	3.3740	1.3425	M 22	7/8	UC 217–52		
217		85	305	248	36	26	63	25	190	87.6	85.7	34.1			217	FL 217	9.6
UCFL **218–56**	3 1/2		12 19/32	10 7/16	1 37/64	1 1/32	2 43/64	63/64	8 1/16	3 51/64	3.7795	1.5630	M 22	7/8	UC 218–56		
218		90	320	265	40	26	68	25	205	96.3	96.0	39.7			218	FL 218	12.1



Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	s	b	z	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
HCFL **201**		12	3 57/64	3 1/64	19/32	7/16	31/32	29/64	2 1/4	1 33/64	1.0944	0.5472	M10	3/8	HC 201		
★ **201–8**	1/2		99	76.5	15	11	24.5	11.5	57	38.4	27.8	13.9			201–8	FL 201	0.48
HCFL **202**		15	3 57/64	3 1/64	19/32	7/16	31/32	29/64	2 1/4	1 33/64	1.0944	0.5472	M10	3/8	HC 202		
★ **202–10**	5/8		99	76.5	15	11	24.5	11.5	57	38.4	27.8	13.9			202–10	FL 202	0.48
HCFL **203**		17	3 57/64	3 1/64	19/32	7/16	31/32	29/64	2 1/4	1 33/64	1.0944	0.5472	M10	3/8	HC 203		
★ **203–11**	11/16		99	76.5	15	11	24.5	11.5	57	38.4	27.8	13.9			203–11	FL 203	0.48
HCFL **204–12**	3/4		4 7/16	3 35/64	19/32	15/32	1	15/32	2 3/8	1 23/32	1.3465	0.6732	M10	3/8	HC 204–12		
204		20	113	90	15	12	25.5	12	60	43.7	34.2	17.1			204	FL 204	0.73
HCFL **205–14**	7/8														HC 205–14		
205–15	15/16		5 1/8	3 57/64	5/8	9/16	1 1/16	5/8	2 11/16	1 3/4	1.3701	0.6850	M14	1/2	205–15		
205		25	130	99	16	14	27	16	68	44.3	34.8	17.4			205	FL 205	0.8
205–16	1														205–16		
HCFL **206–18**	1 1/8														HC 206–18		
206		30	5 13/16	4 39/64	45/64	9/16	1 7/32	5/8	3 5/32	1 29/32	1.4375	0.7205	M14	1/2	206	FL 206	1.2
206–19	1 3/16		148	117	18	14	31	16	80	48.4	36.5	18.3			206–19		
206–20	1 1/4														206–20		
HCFL **207–20**	1 1/4														HC 207–20		
207–21	1 5/16		6 11/32	5 1/8	3/4	5/8	1 11/32	5/8	3 17/32	2 1/64	1.4803	0.7402	M14	1/2	207–21		
207–22	1 3/8														207–22	FL 207	1.6
207		35	161	130	19	16	34	16	90	51.3	37.6	18.8			207		
207–23	1 7/16														207–23		
HCFL **208–24**	1 1/2		6 7/8	5 43/64	53/64	5/8	1 13/32	5/8	3 15/16	2 7/32	1.6850	0.8425	M14	1/2	HC 208–24		
208–25	1 9/16														208–25	FL 208	1.9
208		40	175	144	21	16	36	16	100	56.3	42.8	21.4			208		
HCFL **209–26**	1 5/8														HC 209–26		
209–27	1 11/16		7 13/32	5 53/64	55/64	23/32	1 1/2	3/4	4 1/4	2 1/4	1.6850	0.8425	M16	5/8	209–27		
209–28	1 3/4		188	148	22	18	38	19	108	56.9	42.8	21.4			209–28	FL 209	2.3
209		45													209		
HCFL **210–30**	1 7/8														HC 210–30		
210–31	1 15/16		7 3/4	6 3/16	55/64	23/32	1 9/16	3/4	4 17/32	2 15/32	1.9370	0.9685	M16	5/8	210–31		
210		50	197	157	22	18	40	19	115	62.7	49.2	24.6			210	FL 210	2.6
210–32	2														210–32		
HCFL **211–32**	2														HC 211–32		
211–34	2 1/8		8 13/16	7 1/4	63/64	25/32	1 11/16	3/4	5 1/8	2 13/16	2.1875	1.0940	M16	5/8	211–34		
211		55	224	184	25	20	43	19	130	71.4	55.5	27.8			211	FL 211	3.8
211–35	2 3/16														211–35		
HCFL **212–36**	2 1/4		9 27/32	7 61/64	1 9/64	25/32	1 7/8	29/32	5 1/2	3 1/16	2.4370	1.2200	M 20	3/4	HC 212–36		
212		60													212		
212–38	2 3/8		250	202	29	20	48	23	140	77.8	61.9	31.0			212–38	FL 212	4.8
212–39	2 7/16														212–39		
HCFL **213–40**	2 1/2		10 5/32	8 17/64	1 3/16	15/16	1 31/32	29/32	6 3/32	3 3/8	2.7031	1.3425	M 20	3/4	HC 213–40		
213		65	258	210	30	24	50	23	155	85.7	68.6	34.1			213	FL 213	6.0
HCFL **215**		75	10 13/16	8 55/64	1 3/8	55/64	2 1/4	29/32	6 1/2	3 43/64	2.9531	1.4685	M 20	3/4	HC 215		
215–48	3		275	225	35	22	57	23	165	93.1	75.0	37.3			215–48	FL 215	7.2

★ The spherical size for HCFL 201–203 is SΦ40mm

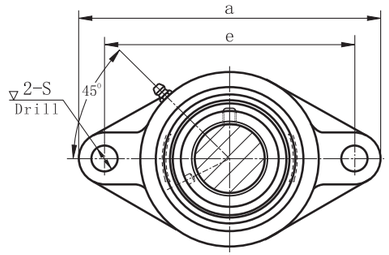


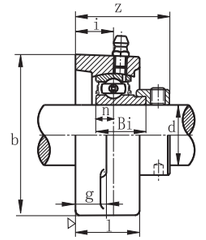


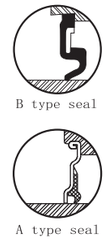
UKFL 200
normal–duty

Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	S	b	Z	S1	Bolt used (mm)	(in.)	Bearing No.	Adapter sleeve No.	Housing No.	Weight (kg)
UKFL **205+HE2305**	3/4		5 1/8	3 57/64	5/8	9/16	1 1/16	5/8	2 11/16	1 25/64	0.7677	M14	1/2	UK205	HE2305	FL 205	0.6
205+H2305		20	130	99	16	14	27	16	68	35.5	19.5				H2305		
UKFL **206+HS2306**	7/8														HS2306		
206+HA2306	15/16		5 13/16	4 39/64	45/64	9/16	1 7/32	5/8	3 5/32	1 17/32	0.8268	M14	1/2	UK206	HA2306	FL 206	0.96
206+H2306		25	148	117	18	14	31	16	80	39	21				H2306		
206+HE2306	1														HE2306		
UKFL **207+HS2307**	1 1/8														HS2307		
207+H2307		30	6 11/32	5 1/8	3/4	5/8	1 11/32	5/8	3 17/32	1 41/64	0.8858	M14	1/2	UK207	H2307	FL 207	1.3
207+HA2307	1 3/16		161	130	19	16	34	16	90	41.5	22.5				H A 2307		
UKFL **208+HE2308**	1 1/4														HE2308		
208+HS2308	1 3/8		6 7/8	5 43/64	53/64	5/8	1 13/32	5/8	3 15/16	1 51/64	0.9646	M14	1/2	UK208	HS2308	FL 208	1.6
208+H2308		35	175	144	21	16	36	16	100	45.5	24.5				H2308		
UKFL **209+HA2309**	1 7/16														HA2309		
209+HE2309	1 1/2		7 13/32	5 53/64	55/64	23/32	1 1/2	3/4	4 1/4	1 57/64	1.0236	M16	5/8	UK209	HE2309	FL 209	2.0
209+H2309		40	188	148	22	18	38	19	108	48	26				H2309		
UKFL **210+HS2310**	1 5/8														HS2310		
210+HA2310	1 11/16		7 3/4	6 3/16	55/64	23/32	1 9/16	3/4	4 17/32	1 61/64	1.0827	M16	5/8	UK210	HA2310	FL 210	2.3
210+HE2310	1 3/4		197	157	22	32	40	19	115	49.5	27.5				HE2310		
210+H2310		45													H2310		
UKFL **211+HS2311**	1 7/8														HS2311		
211+HA2311	1 15/16		8 13/16	7 1/4	63/64	25/32	1 11/16	3/4	5 1/8	2 7/64	1.1221	M16	5/8	UK211	HA2311	FL 211	3.3
211+H2311		50	224	184	25	20	43	19	130	53.5	28.5				H2311		
211+HE2311	2														HE2311		
UKFL **212+HS2312**	2 1/8														HS2312		
212+H2312		55	9 27/32	7 61/64	1 9/64	25/32	1 7/8	29/32	5 1/2	2 23/64	1.2205	M20	3/4	UK212	H2312	FL 212	4.0
UKFL **213+HA2313**	2 3/16														HA2313		
213+HE2313	2 1/4		10 5/32	8 17/64	1 3/16	15/16	1 31/32	29/32	6 3/32	2 31/64	1.2992	M20	3/4	UK213	HE2313		
213+H2313		60	258	210	30	24	50	23	155	63	33				H2313	FL 213	5.1
213+HS2313	2 3/8														HS2313		
UKFL **215+HA2315**	2 7/16														HA2315		
215+HE2315	2 1/2		10 13/16	8 55/64	1 3/8	55/64	2 1/4	29/32	6 1/2	2 25/32	1.3976	M20	3/4	UK215	HE2315	FL 215	6.4
215+H2315		65	275	225	35	22	57	23	165	70.5	35.5				H2315		
UKFL **216+HA2316**	2 11/16														HA2316		
216+HE2316	2 3/4		11 13/32	9 11/64	1 13/32	29/32	2 21/64	63/64	7 3/32	2 29/32	1.5354	M22	7/8	UK216	HE2316	FL 216	8.0
216+H2316		70	290	233	34	23	59	25	180	74	39				H2316		
UKFL **217+HA2317**	2 15/16														HA2317		
217+H2317		75	12	9 49/64	1 27/64	1 1/32	2 15/32	63/64	7 15/32	3 1/32	1.6142	M22	7/8	UK217	H2317	FL 217	
217+HE2317	3		305	248	36	26	63	25	190	77	41				HE2317		
UKFL **218+H2318**		80	12 19/32	10 7/16	1 37/64	1 1/32	2 43/64	63/64	8 1/16	3 15/64	1.6535	M22	7/8	UK218	H2318	FL 218	
			320	265	40	26	68	25	205	82	42						

ENFL 200 = SAFL 200
normal–duty

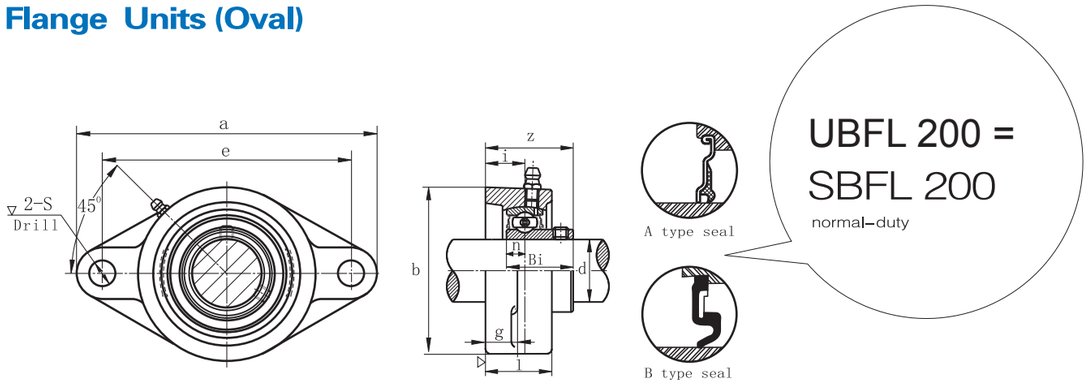






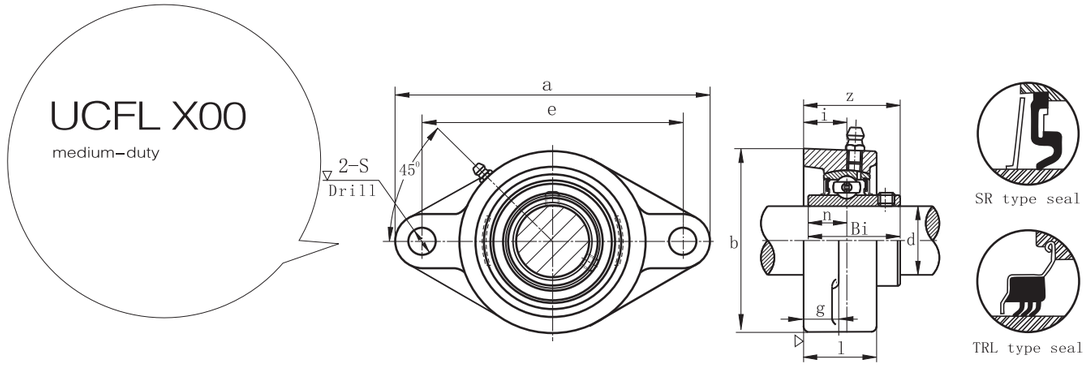
Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	S	b	Z	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
SAFL **201**		12	3 57/64	3 1/64	19/32	7/16	31/32	29/64	2 1/4	1 31/64	0.7520	0.2362	M10	3/8	SA 201		
* **201–8**	1/2		99	76.5	15	11	24.5	11.5	57	37.6	19.1	6.0			201–8	FL 201	0.38
SAFL **202**		15	3 57/64	3 1/64	19/32	7/16	31/32	29/64	2 1/4	1 31/64	0.7520	0.2362	M10	3/8	SA 202		
* **202–10**	5/8		99	76.5	15	11	24.5	11.5	57	37.6	19.1	6.0			202–10	FL 202	0.38
SAFL **203**		17	3 57/64	3 1/64	19/32	7/16	31/32	29/64	2 1/4	1 31/64	0.7520	0.2362	M10	3/8	SA 203		
* **203–11**	11/16		99	76.5	15	11	24.5	11.5	57	37.6	19.1	6.0			203–11	FL 203	0.38
SAFL **204–12**	3/4		4 7/16	3 35/64	19/32	15/32	1	15/32	2 3/8	1 17/32	0.8465	0.2756	M10	3/8	SA 204–12		
204		20	113	90	15	12	25.5	12	60	39	21.5	7.0			204	FL 204	**0.39**
SAFL **205–14**	7/8														SA 205–14		
205–15	15/16		5 1/8	3 57/64	5/8	9/16	1 1/16	5/8	2 11/16	1 35/64	0.8465	0.2953	M14	1/2	205–15		
205		25	130	99	16	14	27	16	68	39.5	21.5	7.5			205	FL 205	0.57
205–16	1														205–16		
SAFL **206–18**	1 1/8														SA 206–18		
206		30	5 13/16	4 39/64	45/64	9/16	1 7/32	5/8	3 5/32	1 51/64	0.9370	0.3150	M14	1/2	206		
206–19	1 3/16		148	117	18	14	31	16	80	45.7	23.8	8.0			206–19	FL 206	0.83
206–20	1 1/4														206–20		
SAFL **207–20**	1 1/4														SA 207–20		
207–21	1 5/16														207–21		
207–22	1 3/8		6 11/32	5 1/8	3/4	5/8	1 11/32	5/8	3 17/32	1 15/16	1.0000	0.3346	M14	1/2	207–22	FL 207	**1.03**
207		35	161	130	19	16	34	16	90	49.4	25.4	8.5			207		
207–23	1 7/16														207–23		
SAFL **208–24**	1 1/2														SA 208–24		
208–25	1 9/16		6 7/8	5 43/64	53/64	5/8	1 13/32	5/8	3 15/16	2 3/16	1.1890	0.3543	M14	1/2	208–25	FL 208	1.30
208		40	175	144	21	16	36	16	100	55.7	30.2	9.0			208		
SAFL **209–26**	1 5/8														SA 209–26		
209–27	1 11/16		7 13/32	5 53/64	55/64	23/32	1 1/2	3/4	4 1/4	2 7/32	1.1890	0.3740	M16	5/8	209–27		
209–28	1 3/4		188	148	22	18	38	19	108	56.2	30.2	9.5			209–28	FL 209	1.86
209		45													209		
SAFL **210–30**	1 7/8														SA 210–30		
210–31	1 15/16		7 3/4	6 3/16	55/64	23/32	1 9/16	3/4	4 17/32	2 3/16	1.1890	0.3937	M16	5/8	210–31		
210		50	197	157	22	18	40	19	115	55.7	30.2	10.0			210	FL 210	2.17
210–32	2														210–32		
SAFL **211–32**	2														SA 211–32		
211–34	2 1/8		8 13/16	7 1/4	63/64	25/32	1 11/16	3/4	5 1/8	2 13/32	1.2756	0.4724	M16	5/8	211–34		
211		55	224	184	25	20	43	19	130	61.3	32.4	12			211	FL 211	2.78
211–35	2 3/16														211–35		
SAFL **212–36**	2 1/4														SA 212–36		
212		60	9 27/32	7 61/64	1 9/64	25/32	1 7/8	29/32	5 1/2	2 39/64	1.3150	0.4724	M20	3/4	212		
212–38	2 3/8		250	202	29	20	48	23	140	66.3	33.4	12			212–38	FL 212	3.66
212–39	2 7/16														212–39		

* The spherical size for SAFL 201–203 is SΦ40mm

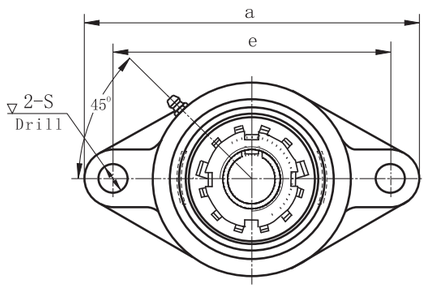


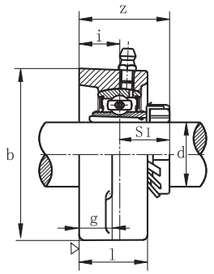
Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	s	b	z	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
SBFL **201**		12	3 57/64	3 1/64	19/32	7/16	31/32	29/64	2 1/4	1 7/32	0.8661	0.2362	M10	3/8	SB 201	FL 201	0.38
* **201–8**	1/2		99	76.5	15	11	24.5	11.5	57	31	22	6.0			201–8		
SBFL **202**		15	3 57/64	3 1/64	19/32	7/16	31/32	29/64	2 1/4	1 7/32	0.8661	0.2362	M10	3/8	SB 202	FL 202	0.38
* **202–10**	5/8		99	76.5	15	11	24.5	11.5	57	31	22	6.0			202–10		
SBFL **203**		17	3 57/64	3 1/64	19/32	7/16	31/32	29/64	2 1/4	1 7/32	0.8661	0.2362	M10	3/8	SB 203	FL 203	0.38
* **203–11**	11/16		99	76.5	15	11	24.5	11.5	57	31	22	6.0			203–11		
SBFL **204–12**	3/4		4 7/16	3 35/64	19/32	15/32	1	15/32	2 3/8	1 19/64	0.9843	0.2756	M10	3/8	SB 204–12	FL 204	0.39
204		20	113	90	15	12	25.5	12	60	33	25	7.0			204		
SBFL **205–14**	7/8														SB 205–14		
205–15	15/16		5 1/8	3 57/64	5/8	9/16	1 1/16	5/8	2 11/16	1 25/64	1.0630	0.2953	M14	1/2	205–15	FL 205	057
205		25	130	99	16	14	27	16	68	35.5	27	7.5			205		
205–16	1														205–16		
SBFL **206–18**	1 1/8														SB 206–18		
206		30	5 13/16	4 39/64	45/64	9/16	1 7/32	5/8	3 5/32	1 37/64	1.1811	0.3150	M14	1/2	206	FL 206	0.83
206–19	1 3/16		148	117	18	14	31	16	80	40	30	8.0			206–19		
206–20	1 1/4														206–20		
SBFL **207–20**	1 1/4														SB 207–20		
207–21	1 5/16		6 11/32	5 1/8	3/4	5/8	1 11/32	5/8	3 17/32	1 43/64	1.2598	0.3346	M14	1/2	207–21		
207–22	1 3/8		161	130	19	16	34	16	90	42.5	32	8.5			207–22	FL 207	1.03
207		35													207		
207–23	1 7/16														207–23		
SBFL **208–24**	1 1/2														SB 208–24		
208–25	1 9/16		6 7/8	5 43/64	53/64	5/8	1 13/32	5/8	3 15/16	2 13/16	1.3386	0.3543	M14	1/2	208–25	FL 208	1.30
208		40	175	144	21	16	36	16	100	46	34	9.0			208		
SBFL **209–26**	1 5/8														SB 209–26		
209–27	1 11/16		7 13/32	5 53/64	55/64	23/32	1 1/2	3/4	4 1/4	2 3/32	1.6220	0.3740	M16	5/8	209–27		
209–28	1 3/4		188	148	22	18	38	19	108	53	41.2	9.5			209–28	FL 209	1.97
209		45													209		
SBFL **210–30**	1 7/8														SB 210–30		
210–31	1 15/16		7 3/4	6 3/16	55/64	23/32	1 9/16	3/4	4 17/32	2 5/32	1.6378	0.3937	M16	5/8	210–31		
210		50	197	157	22	18	40	19	115	54.6	41.6	10.0			210	FL 210	2.18
210–32	2														210–32		
SBFL **211–32**	2														SB 211–32		
211–34	2 1/8		8 13/16	7 1/4	63/64	25/32	1 11/16	3/4	5 1/8	2 19/64	1.7835	0.4646	M16	5/8	211–34		
211		55	224	184	25	20	43	19	130	58.5	45.3	11.8			211	FL 211	3.04
211–35	2 3/16														211–35		
SBFL **212–36**	2 1/4														SB 212–36		
212		60	9 27/32	7 61/64	1 9/64	25/32	1 7/8	29/32	5 1/2	2 43/64	2.1142	0.5866	M 20	3/4	212		
212–38	2 3/8		250	202	29	20	48	23	140	67.8	53.7	14.9			212–38	FL 212	3.76
212–39	2 7/16														212–39		

*The spherical size for SBFL 201–203 is SΦ40mm



Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	s	b	z	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
UCFL**X05**		25													UC X05		
X05–14	7/8		5 9/16	4 39/64	45/64	1/2	1 3/16	15/32	3 9/32	1 19/32	1.5000	0.6260	M10	3/8	X05–14	FL X05	1.0
			141	117	18	13	30	12	83	40.2	38.1	15.9					
X05–16	1														X05–16		
UCFL**X06**		30													UC X06		
X06–18	1 1/16		6 5/32	5 1/8	3/4	9/16	1 11/32	5/8	3 3/4	1 3/4	1.6890	0.6890	M14	1/2	X06–18	FL X06	1.4
X06–19	1 3/16		155	130	19	14	34	16	95	44.4	42.9	17.5			X06–19		
X06–20	1 1/4														X06–20		
UCFL**X07–20**	1 1/4														UC X07–20		
X07–22	1 3/8		6 23/32	5 43/64	53/64	9/16	1 1/2	5/8	4 1/8	2 1/32	1.9370	0.7480	M14	1/2	X07–22	FL X07	1.9
X07		35	171	144	21	14	38	16	105	51.2	49.2	19.0			X07		
X07–23	1 7/16														X07–23		
UCFL**X08–24**	1 1/2		7 1/16	5 53/64	55/64	9/16	1 9/16	5/8	4 3/8	2 1/16	1.9370	0.7480	M14	1/2	UC X08–24	FL X08	2.0
X08		40	179	148	22	14	40	16	111	52.2	49.2	19.0			X08		
UCFL**X09–26**	1 5/8														UC X09–26		
X09–27	1 11/16		7 7/16	6 3/16	29/32	9/16	1 9/16	5/8	4 9/16	2 3/16	2.0315	0.7480	M14	1/2	X09–27		
X09–28	1 3/4		189	157	23	14	40	16	116	55.6	51.6	19.0			X09–28	FL X09	2.4
X09		45													X09		
UCFL**X10–31**	1 15/16														UC X10–31		
X10		50	8 1/2	7 1/4	1 1/32	25/32	1 23/32	3/4	5 1/4	2 11/32	2.1890	0.8740	M16	5/8	X10	FL X10	3.7
			216	184	26	20	44	19	133	59.4	55.6	22.2					
X10–32	2														X10–32		





UKFL X00

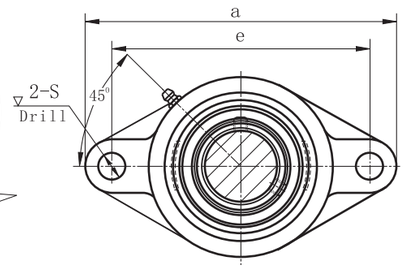
medium-duty

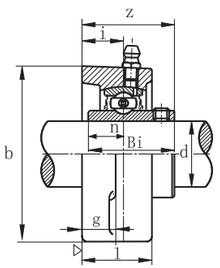
SR type seal

Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	S	b	Z	S1	Bolt used (mm)	(in.)	Bearing No.	Adaper sleeve No.	Housing No.	Weight (kg)
UKFL X05+HE2305	3/4		5 9/16	4 39/64	45/64	1/2	1 3/16	15/32	3 9/32	1 17/32	0.8268	M10	3/8	UK X05	HE2305	FL X05	1.0
X05+H2305		20	141	117	18	13	30	12	83	39	21				H2305		
UKFL X06+HS2306	7/8														HS2306		
X06+HA2306	15/16		6 5/32	5 1/8	3/4	9/16	1 11/32	5/8	1 19/32	3 3/4	0.8465	M14	1/2	UK X06	HA2306	FL X06	1.5
X06+H2306		25	155	130	19	14	34	16	40.5	95	21.5				H2306		
X06+HE2306	1														HE2306		
UKFL X07+HS2307	1 1/8														HS2307		
X07+H2307		30	6 23/32	5 43/64	53/64	9/16	1 1/2	5/8	4 1/8	1 3/4	0.9252	M14	1/2	UK X07	H2307	FL X07	1.9
X07+HA2307	1 3/16		171	144	21	14	38	16	105	44.5	23.5				HA2307		
UKFL X08+HE2308	1 1/4														HE2308		
X08+HS2308	1 3/8		7 1/16	5 53/64	55/64	9/16	1 9/16	5/8	4 3/8	1 27/32	0.9843	M14	1/2	UK X08	HS2308	FL X08	2.1
X08+H2308		35	179	148	22	14	40	16	111	47	25				H2308		
UKFL X09+HA2309	1 7/16														HA2309		
X09+HE2309	1 1/2		7 7/16	6 3/16	29/32	9/16	1 9/16	5/8	4 9/16	1 61/64	1.0433	M14	1/2	UK X09	HE2309	FL X09	2.4
X09+H2309		40	189	157	23	14	40	16	116	49.5	26.5				H2309		
UKFL X10+HS2310	1 5/8														HS2310		
X10+HA2310	1 11/16		8 1/2	7 1/4	1 1/32	25/32	1 23/32	3/4	5 1/4	2 9/64	1.1220	M14	5/8	UK X10	HA2310	FL X10	3.6
X10+HE2310	1 3/4		216	184	26	20	44	19	133	54.5	28.5				HE2310		
X10+H2310		45													H2310		

UCFL 300

heavy-duty

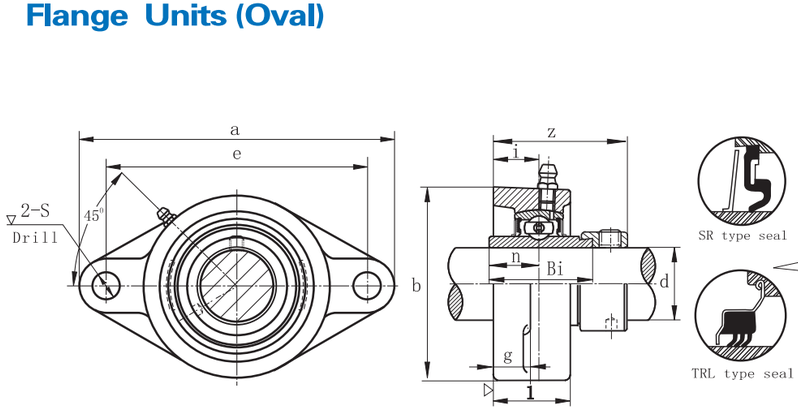




SR type seal

TRL type seal

Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	s	b	z	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
UCFL 305		25	5 29/32	4 29/64	5/8	1/2	1 5/32	3/4	3 5/32	1 17/32	1.4961	0.5906	M16	5/8	UC 305	FL 305	1.1
305–16	1		150	113	16	13	29	19	80	39	38	15			305–16		
UCFL 306–18	1 1/8		7 3/32	5 9/32	45/64	19/32	1 1/4	29/32	3 17/32	1 23/32	1.6929	0.6693			UC 306–18		
306		30											M 20	3/4	306	FL 306	1.5
306–20	1 1/4		180	134	18	15	32	23	90	44	43	17			306–20		
UCFL 307–20	1 1/4														UC 307–20		
307–22	1 3/8		7 9/32	5 35/64	25/32	5/8	1 13/32	29/32	3 15/16	1 15/16	1.8897	0.7480	M 20	3/4	307–22	FL 307	1.8
307		35													307		
307–23	1 7/16		185	141	20	16	36	23	100	49	48	19			307–23		
UCFL 308–24	1 1/2		7 7/8	6 7/32	29/32	21/32	1 9/16	29/32	4 13/32	2 7/32	2.0472	0.7480	M 20	3/4	UC 308–24	FL 308	2.4
308		40	200	158	23	17	40	23	112	56	52	19			308		
UCFL 309–28	1 3/4		9 1/16	6 31/32	63/64	23/32	1 23/32	63/64	4 29/32	2 3/8	2.2441	0.8661	M 22	7/8	UC 309–28	FL 309	3.4
309		45	230	177	25	18	44	25	125	60	57	22			309		
UCFL 310–31	1 15/16		9 7/16	7 23/64	1 7/64	3/4	1 7/8	63/64	5 1/2	2 5/8	2.4015	0.8661	M 22	7/8	UC 310–31	FL 310	4.3
310		50	240	187	28	19	48	25	140	67	61	22			310		
310–32	2														310–32		
UCFL 311–32	2		9 27/32	7 51/64	1 3/16	25/32	2 1/16	63/64	5 29/32	2 25/32	2.5984	0.9842	M 22	7/8	UC 311–32	FL 311	5.2
311		55	250	198	30	20	52	25	150	71	66	25			311		
UCFL 312		60	10 5/8	8 11/32	1 19/64	7/8	2 7/32	1 7/32	6 5/16	3 1/16	2.7953	1.0236	M 27	1	UC 312	FL 312	6.3
312–36	2 1/4		270	212	33	22	56	31	160	78	71	26			312–36		
UCFL 313–40	2 1/2		11 5/8	9 29/64	1 19/64	1	2 9/32	1 7/32	6 7/8	3 1/16	2.9528	1.1811	M 27	1	UC 313–40	FL 313	7.9
313		65	295	240	33	25	58	31	175	78	75	30			313		
UCFL 314–44	2 3/4		12 13/32	9 27/32	1 27/64	1 3/32	2 13/32	1 3/8	7 9/32	3 3/16	3.0709	1.2992	M 30	1 1/8	UC 314–44	FL 314	9.3
314		70	315	250	36	28	61	35	185	81	78	33			314		
UCFL 315		75	12 19/32	10 15/64	1 17/32	1 3/16	2 19/32	1 3/8	7 11/16	3 1/2	3.2283	1.2598	M 30	1 1/8	UC 315	FL 315	10.6
315–48	3		320	260	39	30	66	35	195	89	82	32			315–48		
UCFL 316		80	13 31/32	11 7/32	1 1/2	1 1/4	2 11/16	1 1/2	8 9/32	3 17/32	3.3858	1.3386	M 33	1 1/4	UC 316	FL 316	13.5
316–50	3 1/8		355	285	38	32	68	38	210	90	86	34			316–50		
UCFL 317		85	14 9/16	11 13/16	1 47/64	1 1/4	2 29/32	1 1/2	8 21/32	3 15/16	3.7795	1.5748	M 33	1 1/4	UC 317	FL 317	15.2
317–52	3 1/4		370	300	44	32	74	38	220	100	96	40			317–52		
UCFL 318–56	3 1/2		15 5/32	12 13/32	1 47/64	1 13/32	3	1 1/2	9 1/4	3 15/16	3.7795	1.5748	M 33	1 1/4	UC 318–56	FL 318	18.0
318		90	385	315	44	36	76	38	235	100	96	40			318		
UCFL 319		95	15 15/16	13	2 21/64	1 9/16	3 11/16	1 39/64	9 27/32	4 3/4	4.0551	1.6142	M 36	1 3/8	UC 319	FL 319	22.7
			405	330	59	40	94	41	250	121	103	41					
UCFL 320		100	17 5/16	14 11/64	2 21/64	1 9/16	3 11/16	1 47/64	10 5/8	4 29/32	4.2519	1.6535	M 39	1 1/2	UC 320	FL 320	27.2
320–64	4		440	360	59	40	94	44	270	125	108	42			320–64		
UCFL 322		110	18 1/2	15 23/64	2 23/64	1 21/32	3 25/32	1 47/64	11 13/16	5 5/32	4.6063	1.8110	M 39	1 1/2	UC 322	FL 322	34.2
			470	390	60	42	96	44	300	131	117	46					
UCFL 324		120	20 15/32	16 59/64	2 9/16	1 7/8	4 11/32	1 27/32	13	5 1/2	4.9606	2.0079	M 42	1 5/8	UC 324	FL 324	48.1
			520	430	65	48	110	47	330	140	126	51					
UCFL 326		130	21 21/32	18 7/64	2 9/16	1 31/32	4 17/32	1 27/32	14 3/16	5 3/4	5.3150	2.1260	M 42	1 5/8	UC 326	FL 326	59.5
			550	460	65	50	115	47	360	146	135	54					
UCFL 328		140	23 5/8	19 11/16	2 61/64	2 3/8	4 29/32	2	15 3/4	6 11/32	5.7086	2.3228	M 45	1 3/4	UC 328	FL 328	73.5
			600	500	75	60	125	51	400	161	145	59					



SR type seal

TRL type seal

EWFL 300=

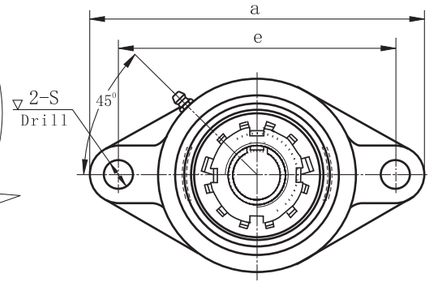
HCFL 300

heavy-duty

Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	S	b	Z	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
HCFL305		25	5 29/32	4 29/64	5/8	1/2	1 5/32	3/4	3 5/32	1 13/16	1.3740	0.6575	M16	5/8	HC 305	FL 305	1.1
305–16	1		150	113	16	13	29	19	80	46.1	34.9	16.7			305–16		
HCFL306–18	1 1/8														HC 306–18		
306		30	7 3/32	5 9/32	45/64	19/32	1 1/4	29/32	3 17/32	1 63/64	1.4370	0.6890	M 20	3/4	306	FL 306	1.6
306–20	1 1/4		180	134	18	15	32	23	90	50.5	36.5	17.5			306–20		
HCFL307–20	1 1/4														HC 307–20		
307–22	1 3/8		7 9/32	5 35/64	25/32	5/8	1 13/32	29/32	3 15/16	1 3/32	1.5000	0.7205			307–22		
307		35											M 20	3/4	307	FL 307	2.0
307–23	1 7/16		185	141	20	16	36	23	100	53.3	38.1	18.3			307–23		
HCFL308–24	1 1/2		7 7/8	6 7/32	29/32	21/32	1 9/16	29/32	4 13/32	2 3/8	1.6260	0.7795	M 20	3/4	HC 308–24		
308		40	200	158	23	17	40	23	112	60.3	41.3	19.8			308	FL 308	2.6
HCFL309–28	1 3/4		9 1/16	6 31/32	63/64	23/32	1 23/32	63/64	4 29/32	2 33/64	1.6890	0.7795	M 22	7/8	HC 309–28		
309		45	230	177	25	18	44	25	125	63.9	42.9	19.8			309	FL 309	3.6
HCFL310–31	1 15/16		9 7/16	7 23/64	1 7/64	3/4	1 7/8	63/64	5 1/2	2 3/4	1.9370	0.9685	M 22	7/8	HC 310–31		
310		50													310	FL 310	4.6
310–32	2		240	187	28	19	48	25	140	70	49.2	24.6			310–32		
HCFL311–32	2		9 27/32	7 51/54	1 3/16	25/32	2 1/16	63/64	5 29/32	2 31/32	2.1890	1.0945	M 22	7/8	HC 311–32		
311		55	250	198	30	20	52	25	150	75.2	55.6	27.8			311	FL 311	5.3
HCFL312		60	10 5/8	8 11/32	1 19/64	7/8	2 7/32	1 7/32	6 5/16	3 5/32	2.4370	1.2185	M 27	1	HC 312		
312–36	2 1/4		270	212	33	22	56	31	160	80	61.9	30.95			312–36	FL 312	6.4
HCFL313–40	2 1/2		11 5/8	9 29/64	1 19/64	1	2 9/32	1 7/32	6 7/8	3 25/64	2.5630	1.2795	M 27	1	HC 313–40		
313		65	295	240	33	25	58	31	175	86.2	65.1	32.5			313	FL 313	8.2
HCFL314–44	2 3/4		12 13/32	9 27/32	1 27/64	1 3/32	2 13/32	1 3/8	7 9/32	3 45/64	2.6890	1.3445	M 30	1 1/8	HC 314–44		
314		70	315	250	36	28	61	35	185	93.95	68.3	34.15			314	FL 314	9.5
HCFL315		75	12 19/32	10 15/64	1 17/32	1 3/16	2 19/32	1 3/8	7 11/16	4	2.9370	1.4685	M 30	1 1/8	HC 315		
315–48	3		320	260	39	30	66	35	195	101.7	74.6	37.3			315–48	FL 315	11
HCFL316		80	13 31/32	11 7/32	1 1/2	1 1/4	2 11/16	1 1/2	8 9/32	4 3/32	3.1890	1.5945	M 33	1 1/4	HC 316		
316–50	3 1/8		355	285	38	32	68	38	210	103.9	81	40.5			316–50	FL 316	14
HCFL317		85	14 9/16	11 13/16	1 47/64	1 1/4	2 29/32	1 1/2	8 21/32	4 25/64	3.3110	1.6535	M 33	1 1/4	HC 317		
317–52	3 1/4		370	300	44	32	74	38	220	111.5	84.1	42			317–52	FL 317	15.9
HCFL318–56	3 1/2		15 5/32	12 13/32	1 47/64	1 13/32	3	1 1/2	9 1/4	4 37/64	3.4370	1.7165	M 33	1 1/4	HC 318–56		
318		90	385	315	44	36	76	38	235	116.3	87.3	43.6			318	FL 318	18.8
HCFL319		95	15 15/16	13	2 21/64	1 9/16	3 11/16	1 39/64	9 27/32	5 19/64	3.6890	1.8425	M 36	1 3/8	HC 319	FL 319	23.5
			405	330	59	40	94	41	250	134.5	93.7	46.8					
HCFL320		100	17 5/16	14 11/64	2 21/64	1 9/16	3 11/16	1 47/64	10 5/8	5 27/64	3.9370	1.9685	M 39	1 1/2	HC 320		
320–64	4		440	360	59	40	94	44	270	137.6	100	50			320–64	FL 320	28.7

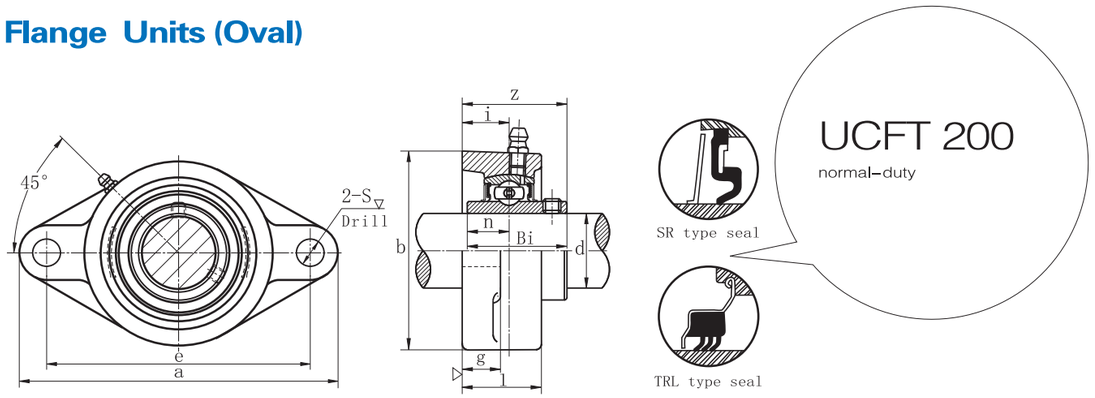
UKFL 300

heavy-duty

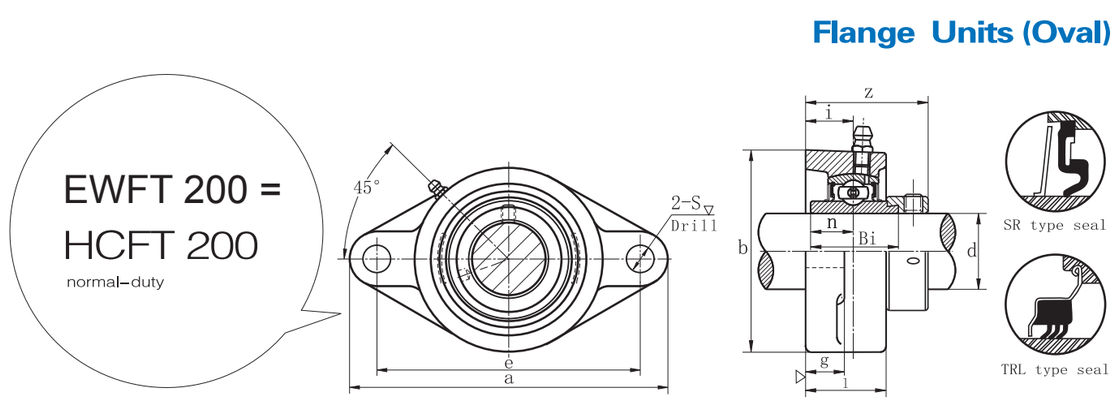


SR type seal

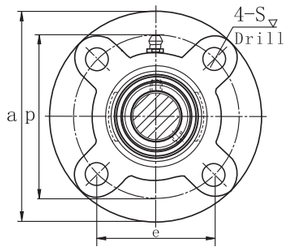
Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	s	b	z	S1	Bolt used (mm)	(in.)	Adapter sleeve No.	Bearing No.	Housing No.	Weight (kg)
UKFL 305+HE2305	3/4		5 29/32	4 29/64	5/8	1/2	1 5/32	3/4	3 5/32	1 15/32	0.8464	M16	5/8	HE2305			
305+H2305		20	150	113	16	13	29	19	80	37.5	21.5			H2305	UK 305	FL 305	1.5
UKFL 306+HS2306	7/8													HS2306			
306+HA2306	15/16		7 3/32	5 9/32	45/64	19/32	1 1/4	29/32	3 17/32	1 39/64	0.9055	M 20	3/4	HA2306			
306+H2306		25												H2306	UK 306	FL 306	2.0
306+HE2306	1		180	134	18	15	32	23	90	41	23			HE2306			
UKFL 307+HS2307	1 1/8		7 9/32	5 35/64	25/32	5/8	1 13/32	29/32	3 15/16	1 51/64	1.0039	M 20	3/4	HS2307			
307+H2307		30												H2307	UK 307	FL 307	2.4
307+HA2307	1 3/16		185	141	20	16	36	23	100	45.5	25.5			HA2307			
UKFL 308+HE2308	1 1/4													HE2308			
308+HS2308	1 3/8		7 7/8	6 7/32	29/32	21/32	1 9/16	29/32	4 13/32	1 63/64	1.0827	M 20	3/4	HS2308			
308+H2308		35	200	158	23	17	40	23	112	50.5	27.5			H2308	UK 308	FL 308	3.0
UKFL 309+HA2309	1 7/16													HA2309			
309+HE2309	1 1/2		9 1/16	6 31/32	63/64	23/32	1 23/32	63/64	4 29/32	2 11/64	1.1811	M 22	7/8	HE2309			
309+H2309		40	230	177	25	18	44	25	125	55	30			H2309	UK 309	FL 309	4.3
UKFL 310+HS2310	1 5/8													HS2310			
310+HA2310	1 11/16		9 7/16	7 23/64	1 7/64	3/4	1 7/8	63/64	5 1/2	2 23/64	1.2598	M 22	7/8	HA2310			
310+HE2310	1 3/4													HE2310			
310+H2310		45	240	187	28	19	48	25	140	60	32			H2310	UK 310	FL 310	5.5
UKFL 311+HS2311	1 7/8													HS2311			
311+HA2311	1 15/16		9 27/32	7 51/54	1 3/16	25/32	2 1/16	63/64	5 29/32	2 1/2	1.3189	M 22	7/8	HA2311			
311+H2311		50	250	198	30	20	52	25	150	63.5	33.5			H2311	UK 311	FL 311	6.1
311+HE2311	2													HE2311			
UKFL 312+HS2312	2 1/8		10 5/8	8 11/32	1 19/64	7/8	2 7/32	1 7/32	6 5/16	2 47/64	1.4370	M 27	1	HS2312			
312+H2312		55	270	212	33	22	56	31	160	69.5	36.5			H2312	UK 312	FL 312	7.4
UKFL 313+HA2313	2 3/16													HA2313			
313+HE2313	2 1/4		11 5/8	9 29/64	1 19/64	1	2 9/32	1 7/32	6 7/8	2 13/16	1.5157	M 27	1	HE2313			
313+H2313		60	295	240	33	25	58	31	175	71.5	38.5			H2313	UK 313	FL 313	9.4
313+HS2313	2 3/8													HS2313			
UKFL 315+HA2315	2 7/16		12 19/32	10 15/64	1 17/32	1 3/16	2 19/32	1 3/8	7 11/16	3 13/64	1.6732	M 30	1 1/8	HA2315			
315+HE2315	2 1/2													HE2315			
315+H2315		65	320	260	39	30	66	35	195	81.5	42.5			H2315	UK 315	FL 315	12.6
UKFL 316+HA2316	2 11/16		13 31/32	11 7/32	1 1/2	1 1/4	2 11/16	1 1/2	8 9/32	3 1/4	1.7520	M 33	1 1/4	HA2316			
316+HE2316	2 3/4													HE2316			
316+H2316		70	355	285	38	32	68	38	210	82.5	44.5			H2316	UK 316	FL 316	15.9
UKFL 317+HA2317	2 15/16		14 9/16	11 13/16	1 47/64	1 1/4	2 29/32	1 1/2	8 21/32	3 5/8	1.8898	M 33	1 1/4	HA2317			
317+H2317		75	370	300	44	32	74	38	220	92	48			H2317	UK 317	FL 317	18.4
317+HE2317	3													HE2317			
UKFL 318+H2318		80	15 5/32	12 13/32	1 47/64	1 13/32	3	1 1/2	9 1/4	3 5/8	1.8898	M 33	1 1/4	H2318	UK 318	FL 318	21.7
			385	315	44	36	76	38	235	92	48						
UKFL 319+H2319		85	15 15/16	13	2 21/64	1 9/16	3 11/16	1 39/64	9 27/32	4 3/8	2.0472	M 36	1 3/8	H2319	UK 319	FL 319	26.0
			405	330	59	40	94	41	250	111	52						
UKFL 320+H2320		90	17 5/16	14 11/64	2 21/64	1 9/16	3 11/16	1 47/64	10 1/8	4 17/32	2.2047	M 39	1 1/2	H2320	UK 320	FL 320	31.2
			440	360	59	40	94	44	270	115	56						
UKFL 322+H2322		100	18 1/2	15 23/64	2 21/64	1 21/32	3 25/32	1 47/64	11 13/16	4 49/64	2.4016	M 39	1 1/2	H2322	UK 322	FL 322	39.4
			470	390	60	42	96	44	300	121	61						
UKFL 324+H2324		110	20 15/32	16 59/64	2 9/16	1 7/8	4 11/32	1 27/32	13	5 1/8	2.5590	M 42	1 5/8	H2324	UK 324	FL 324	52.6
			520	430	65	48	110	47	330	130	65						
UKFL 326+H2326		115	21 21/32	18 7/64	2 9/16	1 31/32	4 17/32	1 27/32	14 3/16	5 9/32	2.7165	M 42	1 5/8	H2326	UK 326	FL 326	65.9
			550	460	65	50	115	47	360	134	69						
UKFL 328+H2328		125	23 5/8	19 11/16	2 61/64	2 3/8	4 29/32	2	15 3/4	5 53/64	2.8740	M 45	1 3/4	H2328	UK 328	FL 328	87.8
			600	500	75	60	125	51	400	148	73						

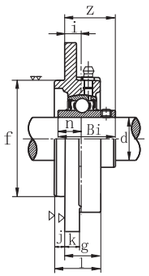


Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	S	b	Z	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
UCFT **201**		12													UC 201		0.51
201–8	1/2														201–8		
UCFT **202–9**	9/16		4 13/32	3 35/64	3/4	7/16	1 5/32	13/32	2 23/64	1 15/32	1.2205	0.5000			UC 202–9		
202		15											M8	5/16	202	FT 204	0.50
202–10	5/8		112	90	19	11	29.5	10.3	60	37.3	31.0	12.7			202–10		
UCFT **203**		17													UC 203		0.48
203–11	11/16														203–11		
UCFT **204–12**	3/4		4 13/32	3 35/64	3/4	7/16	1 5/32	13/32	2 23/64	1 15/32	1.2205	0.5000			UC 204–12		
204		20	112	90	19	11	29.5	10.3	60	37.3	31.0	12.7	M8	5/16	204	FT 204	0.46
UCFT **205–14**	7/8														UC 205–14		
205–15	15/16		4 7/8	3 57/64	25/32	33/64	1 7/32	1/2	2 3/4	1 9/16	1.3386	0.5630			205–15		
205		25	124	99	19.8	13	31	12.7	70	39.5	34.0	14.3	M10	3/8	205	FT 205	0.63
205–16	1														205–16		
UCFT **206–17**	1 1/16														UC 206–17		
206–18	1 1/8		5 9/16	4 19/32	53/64	17/32	1 11/32	1/2	3 1/4	1 45/64	1.5000	0.6260			206–18		
206		30											M10	3/8	206	FT 206	0.91
206–19	1 3/16		141	116.7	21	1 3	34.1	12.7	83	43.2	38.1	15.9			206–19		
206–20	1 1/4														206–20		
UCFT **207–20**	1 1/4														UC 207–20		
207–21	1 5/16		6 1/8	5 1/8	27/32	9/16	1 7/16	35/64	3 3/4	1 27/32	1.6890	0.6890			207–21		
207–22	1 3/8												M12	7/16	207–22	FT 207	1.24
207		35	156	130	21.4	14	36.5	14	95	46.8	42.9	17.5			207		
207–23	1 7/16														207–23		
UCFT **208–24**	1 1/2		6 3/4	5 21/32	15/16	9/16	1 17/32	35/64	4 1/8	2 1/8	1.9370	0.7480			UC 208–24		
208–25	1 9/16												M12	7/16	208–25	FT 208	1.55
208		40	171.5	143.7	23.8	14	39	14	105	54.0	49.2	19.0			208		
UCFT **209–26**	1 5/8														UC 209–26		
209–27	1 11/16		7 1/16	5 27/32	15/16	9/16	1 9/16	5/8	4 3/8	2 1/8	1.9370	0.7480			209–27		
209–28	1 3/4												M14	1/2	209–28	FT 209	1.90
209		45	179	148.4	23.8	14	39.7	16	111	54.0	49.2	19.0			209		
UCFT **210–30**	1 7/8														UC 210–30		
210–31	1 15/16		7 7/16	6 3/16	1 1/8	9/16	1 27/32	5/8	4 9/16	2 13/32	2.0315	0.7480			210–31		
210		50	189	157.2	28.6	14	46.8	16	116	61.2	51.6	19.0	M14	1/2	210	FT 210	2.18
UCFT **211–32**	2														UC 211–32		
211–34	2 1/8		8 1/2	7 1/4	1 17/64	13/16	1 31/32	43/64	5 1/4	2 37/64	2.1890	0.8740			211–34		
211		55	216	184.2	32.1	21	50	17	133	65.5	55.6	22.2	M14	9/16	211	FT 211	3.05
211–35	2 3/16														211–35		
UCFT **212–36**	2 1/4														UC 212–36		
212–37	2 5/16		9 5/16	8	1 3/8	55/64	2 7/64	43/64	5 7/16	2 15/16	2.5630	1.0000			212–37		
212		60	236.5	203.2	34.9	22	53.6	17	138	74.6	65.1	25.4	M14	9/16	212	FT 212	4.02
212–39	2 7/16														212–39		



Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	j	g	l	s	b	z	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
HCFT **204–12**	3/4		4 13/32	3 35/64	3/4	7/16	1 5/32	13/32	2 23/64	1 51/64	1.3465	0.6732			HC 204–12		
204		20	112	90	19	11	29.5	10.3	60	45.6	34.2	17.1	M8	5/16	204	FT 204	0.52
HCFT **205–14**	7/8														HC 205–14		
205–15	15/16		4 7/8	3 57/64	25/32	33/64	1 7/32	1/2	2 3/4	1 27/32	1.3701	0.6850			205–15		
205		25	124	99	19.8	13	31	12.7	70	46.7	34.8	17.4	M10	3/8	205	FT 205	0.69
205–16	1														205–16		
HCFT **206–17**	1 1/16														HC 206–17		
206–18	1 1/8		5 9/16	4 19/32	53/64	17/32	1 11/32	1/2	3 1/4	2 1/64	1.4370	0.7205			206–18		
206		30	141	116.7	21	1 3	34.1	12.7	83	51.1	36.5	18.3	M10	3/8	206	FT 206	1.02
206–19	1 3/16														206–19		
206–20	1 1/4														206–20		
HCFT **207–20**	1 1/4														HC 207–20		
207–21	1 5/16		6 1/8	5 1/8	27/32	9/16	1 7/16	35/64	3 3/4	2 7/64	1.4803	0.7402			207–21		
207–22	1 3/8												M12	7/16	207–22	FT 207	1.38
207		35	156	130	21.4	14	36.5	14	95	53.7	37.6	18.8			207		
207–23	1 7/16														207–23		
HCFT **208–24**	1 1/2		6 3/4	5 21/32	15/16	9/16	1 17/32	35/64	4 1/8	2 5/16	1.6850	0.8425			HC 208–24		
208–25	1 9/16												M12	7/16	208–25	FT 208	1.73
208		40	171.5	143.7	23.8	14	39	14	105	58.7	42.8	21.4			208		
HCFT **209–26**	1 5/8														HC 209–26		
209–27	1 11/16		7 1/16	5 27/32	15/16	9/16	1 9/16	5/8	4 3/8	2 5/16	1.6850	0.8425			209–27		
209–28	1 3/4		179	148.4	23.8	14	39.7	16	111	58.7	42.8	21.4	M14	1/2	209–28	FT 209	2.04
209		45													209		
HCFT **210–30**	1 7/8		7 7/16	6 3/16	1 1/8	9/16	1 27/32	5/8	4 9/16	2 5/8	1.9370	0.9685			HC 210–30		
210–31	1 15/16												M14	1/2	210–31	FT 210	2.37
210		50	189	157.2	28.6	14	46.8	16	116	66.7	49.2	24.6			210		
HCFT **211–32**	2														HC 211–32		
211–34	2 1/8		8 1/2	7 1/4	1 17/64	13/16	1 31/32	43/64	5 1/4	2 63/64	2.1850	1.0940			211–34		
211		55	216	184.2	32.1	21	50	17	133	75.7	55.5	27.8	M14	9/16	211	FT 211	3.34
211–35	2 3/16														211–35		
HCFT **212–36**	2 1/4														HC 212–36		
212–37	2 5/16		9 5/16	8	1 3/8	55/64	2 7/64	43/64	5 7/16	3 7/32	2.4370	1.2200			212–37		
212		60	236.5	203.2	34.9	22	53.6	17	138	81.7	61.9	31.0	M14	9/16	212	FT 212	4.34
212–39	2 7/16														212–39		



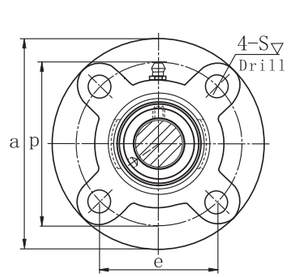


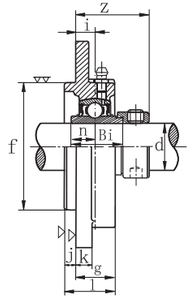
SR type seal

TRL type seal

UCFC 200
normal–duty

Bearing unit No.	Shaft Dia. d (in.)	d (mm)	Dimensions(in)or(mm) a	p	e	i	l	S	j	k	g	f	Z	Bi	n	Bolt used (mm)	Bolt used (in.)	Bearing No.	Housing No.	Weight (kg)
UCFC **201**		12	3 15/16	3 5/64	2 11/64	25/64	1	15/32	13/64	9/32	13/16	2.4409	1 1/8	1.2205	0.5000	M10	3/8	UC 201	FC 201	0.78
201–8	1/2		100	78	55.1	10	25.5	12	5	7	20.5	62	28.3	31.0	12.7			201–8		
UCFC **202**		15	3 15/16	3 5/64	2 11/64	25/64	1	15/32	13/64	9/32	13/16	2.4409	1 1/8	1.2205	0.5000	M10	3/8	UC 202	FC 202	0.78
202–10	5/8		100	78	55.1	10	25.5	12	5	7	20.5	62	28.3	31.0	12.7			202–10		
UCFC **203**		17	3 15/16	3 5/64	2 11/64	25/64	1	15/32	13/64	9/32	13/16	2.4409	1 1/8	1.2205	0.5000	M10	3/8	UC 203	FC 203	0.78
203–11	11/16		100	78	55.1	10	25.5	12	5	7	20.5	62	28.3	31.0	12.7			203–11		
UCFC **204–12**	3/4	20	3 15/16	3 5/64	2 11/64	25/64	1	15/32	13/64	9/32	13/16	2.4409	1 1/8	1.2205	0.5000	M10	3/8	UC 204–12	FC 204	0.78
204			100	78	55.1	10	25.5	12	5	7	20.5	62	28.3	31.0	12.7			204		
UCFC **205–14**	7/8																	UC 205–14		
205–15	15/16		4 17/32	3 35/64	2 1/2	25/64	1 1/16	15/32	15/64	9/32	53/64	2.7559	1 5/32	1.3386	0.5630			205–15		
205		25	115	90	63.6	10	27	12	6	7	21	70	29.7	34.0	14.3	M10	3/8	205	FC 205	0.95
205–16	1																	205–16		
UCFC **206–18**	1 1/8																	UC 206–18		
206		30	4 29/32	3 15/16	2 25/32	25/64	7/32	15/32	5/16	5/16	29/32	3.1496	1 9/32	1.5000	0.6260			206		
206–19	1 3/16		125	100	70.7	10	31	12	8	8	23	80	32.2	38.1	15.9	M10	3/8	206–19	FC 206	1.4
206–20	1 1/4																	206–20		
UCFC **207–20**	1 1/4																	UC 207–20		
207–21	1 5/16		5 5/16	4 21/64	3 1/16	7/16	11/32	35/64	5/16	11/32	1 1/32	3.5433	1 7/16	1.6890	0.6890			207–21		
207–22	1 3/8																	207–22		
207		35	135	110	77.8	11	34	14	8	9	26	90	36.4	42.9	17.5	M12	7/16	207	FC 207	1.7
207–23	1 7/16																	207–23		
UCFC **208–24**	1 1/2																	UC 208–24		
208–25	1 9/16		5 23/32	4 23/32	3 11/32	7/16	27/64	35/64	25/64	11/32	1 1/32	3.9370	1 5/8	1.9370	0.7480			208–25		
208		40	145	120	84.8	11	36	14	10	9	26	100	41.2	49.2	19.0	M12	7/16	208	FC 208	2.0
UCFC **209–26**	1 5/8																	UC 209–26		
209–27	1 11/16		6 5/16	5 13/64	3 43/64	25/64	1/2	5/8	15/32	9/16	1 1/32	4.1339	1 19/32	1.9370	0.7480			209–27		
209–28	1 3/4		160	132	93.3	10	38	16	12	14	26	105	40.2	49.2	19.0	M14	1/2	209–28	FC 209	2.8
209		45																209		
UCFC **210–30**	1 7/8																	UC 210–30		
210–31	1 15/16		6 1/2	5 7/16	3 27/32	25/64	9/16	5/8	15/32	9/16	1 3/32	4.3307	1 11/16	2.0315	0.7480			210–31		
210		50	165	138	97.6	10	40	16	12	14	28	110	42.6	51.6	19.0	M14	1/2	210	FC 210	3.0
UCFC **211–32**	2																	UC 211–32		
211–34	2 1/8		7 9/32	5 29/32	4 11/64	33/64	11/16	3/4	15/32	19/32	1 7/32	4.9213	1 13/16	2.1890	0.8740			211–34		
211		55	185	150	106.1	13	43	19	12	15	31	125	46.4	55.6	22.2	M16	5/8	211	FC 211	4.0
211–35	2 3/16																	211–35		
UCFC **212–36**	2 1/4																	UC 212–36		
212		60	7 11/16	6 19/64	4 29/64	43/64	1 7/8	3/4	15/32	19/32	1 27/64	5.3150	2 7/32	2.5630	1.0000			212		
212–38	2 3/8		195	160	113.1	17	48	19	12	15	36	135	56.7	65.1	25.4	M16	5/8	212–38	FC 212	4.7
212–39	2 7/16																	212–39		
UCFC **213–40**	2 1/2		8 1/16	6 11/16	4 47/64	5/8	1 31/32	3/4	35/64	19/32	1 27/64	5.7087	2 3/16	2.5630	1.0000			UC 213–40		
213		65	205	170	120.2	16	50	19	14	15	36	145	55.7	65.1	25.4	M16	5/8	213	FC 213	5.4
UCFC **214–44**	2 3/4		8 15/32	6 31/32	4 59/64	43/64	1 7/8	3/4	35/64	23/32	1 9/16	5.9055	2 13/32	2.9370	1.1890			UC 214–44		
214		70	215	177	125.1	17	54	19	14	18	40	150	61.4	74.6	30.2	M16	5/8	214	FC 214	6.8
UCFC **215**		75	8 21/32	7 1/4	5 1/8	45/64	7/32	3/4	5/8	23/32	1 9/16	6.2992	2 15/32	3.0630	1.3110	M16	5/8	UC 215	FC 215	7.3
215–48	3		220	184	130.1	18	56	19	16	18	40	160	62.5	77.8	33.3			215–48		
UCFC **216**		80	9 7/16	7 7/8	5 9/16	45/64	9/32	29/32	5/8	23/32	1 21/32	6.6929	2 21/32	3.2520	1.3110	M20	3/4	UC 216	FC 216	8.9
			240	200	141.4	18	58	23	16	18	42	170	67.3	82.6	33.3					
UCFC **217–52**	3 1/4		9 27/32	8 3/16	5 51/64	45/64	15/32	29/32	45/64	25/32	1 25/32	7.0886	3 3/4	3.3740	1.3425	M20	3/4	UC 217–52	FC 217	10.4
217		85	250	208	147.1	18	63	23	18	20	45	180	69.6	85.7	34.1			217		
UCFC **218–56**	3 1/2		10 7/16	8 21/32	6 1/8	55/64	11/32	29/32	45/64	25/32	1 31/32	7.4803	3 3/32	3.7795	1.5630	M20	3/4	UC 218–56	FC 218	13.0
218		90	265	220	155.5	22	68	23	18	20	50	190	78.3	96.0	39.7			218		





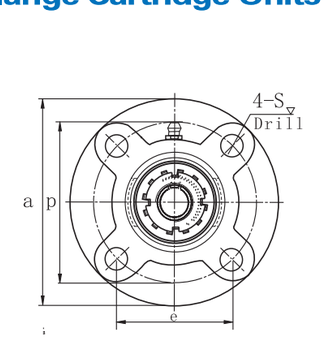
SR type seal

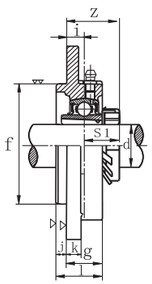
TRL type seal

EWFC 200 =
HCFC 200
normal–duty

Bearing unit No.	Shaft Dia. d (in.)	d (mm)	Dimensions(in)or(mm) a	p	e	i	l	S	j	k	g	f	Z	Bi	n	Bolt used (mm)	Bolt used (in.)	Bearing No.	Housing No.	Weight (kg)
HCFC **201**		12	3 35/64	2 3/4	1 61/64	25/64	29/32	25/64	5/32	13/64	3/4	2.1654	1 5/16	1.0945	0.5472	M10	3/8	HC 201	FC 201	0.6
* **201–8**	1/2		90	70	49.5	10	23	10	4	5	19	55	33.4	27.8	13.9			201–8		
HCFC **202**		15	3 35/64	2 3/4	1 61/64	25/64	29/32	25/64	5/32	13/64	3/4	2.1654	1 5/16	1.0945	0.5472	M10	3/8	HC 202	FC 202	0.6
* **202–10**	5/8		90	70	49.5	10	23	10	4	5	19	55	33.4	27.8	13.9			202–10		
HCFC **203**		17	3 35/64	2 3/4	1 61/64	25/64	29/32	25/64	5/32	13/64	3/4	2.1654	1 5/16	1.0945	0.5472	M10	3/8	HC 203	FC 203	0.6
* **203–11**	11/16		90	70	49.5	10	23	10	4	5	19	55	33.4	27.8	13.9			203–11		
HCFC **204–12**	3/4	20	3 15/16	3 5/64	2 11/64	25/64	1	15/32	13/64	9/32	13/16	2.4409	1 7/16	1.3465	0.6732	M10	3/8	HC 204–12	FC 204	0.83
204			100	78	55.1	10	25.5	12	5	7	20.5	62	36.5	34.2	17.1			204		
HCFC **205–14**	7/8																	HC 205–14		
205–15	15/16		4 17/32	3 35/64	2 1/2	25/64	1 1/16	15/32	15/64	9/32	53/64	2.7559	1 29/64	1.3701	0.6850			205–15		
205		25	115	90	63.6	10	27	12	6	7	21	70	36.9	34.8	17.4	M10	3/8	205	FC 205	1.1
205–16	1																	205–16		
HCFC **206–18**	1 1/8																	HC 206–18		
206		30	4 29/32	3 15/16	2 25/32	25/64	1 7/32	15/32	5/16	5/16	29/32	3.1496	1 37/64	1.4370	0.7205			206		
206–19	1 3/16		125	100	70.7	10	31	12	8	8	23	80	40.1	36.5	18.3	M10	3/8	206–19	FC 206	1.5
206–20	1 1/4																	206–20		
HCFC **207–20**	1 1/4																	HC 207–20		
207–2	1 5/16		5 5/16	4 21/64	3 1/16	7/16	1 11/32	35/64	5/16	11/32	1 1/32	3.5433	1 45/64	1.4803	0.7402			207–21		
207–2	1 3/8																	207–22		
207		35	135	110	77.8	11	34	14	8	9	26	90	43.3	37.6	18.8	M12	7/16	207	FC 207	1.7
207–2	1 7/16																	207–23		
HCFC **208–24**	1 1/2																	HC 208–24		
208–25	1 9/16		5 23/32	4 23/32	3 11/32	7/16	1 27/64	35/64	25/64	11/32	1 1/32	3.9370	1 13/16	1.6850	0.8425			208–25		
208		40	145	120	84.8	11	36	14	10	9	26	100	45.9	42.8	21.4	M12	7/16	208	FC 208	2.2
HCFC **209–26**	1 5/8																	HC 209–26		
209–27	1 11/16		6 5/16	5 13/64	3 43/64	25/64	1 1/2	5/8	15/32	25/64	1 1/32	4.1339	1 27/32	1.6850	0.8425			209–27		
209–28	1 3/4		160	132	93.3	10	38	16	12	10	26	105	46.9	42.8	21.4	M14	1/2	209–28	FC 209	2.8
209		45																209		
HCFC **210–30**	1 7/8																	HC 210–30		
210–31	1 15/16		6 1/2	5 7/16	3 27/32	25/64	1 9/16	5/8	15/32	9/16	1 3/32	4.3307	1 57/64	1.9370	0.9685			210–31		
210		50	165	138	97.6	10	40	16	12	14	28	110	48.1	49.2	24.6	M14	1/2	210	FC 210	3.3
HCFC **211–32**	2																	HC 211–32		
211–34	2 1/8		7 9/32	5 29/32	4 11/64	33/64	1 11/16	3/4	15/32	19/32	1 7/32	4.9213	2 15/64	2.1850	1.0940			211–34		
211		55	185	150	106.1	13	43	19	12	15	31	125	56.6	55.5	27.8	M16	5/8	211	FC 211	4.5
211–35	2 3/16																	211–35		
HCFC **212–36**	2 1/4																	HC 212–36		
212		60	7 11/16	6 19/64	4 29/64	43/64	1 7/8	3/4	15/32	19/32	1 27/64	5.3150	2 33/64	2.4370	1.2200			212		
212–38	2 3/8		195	160	113.1	17	48	19	12	15	36	135	63.8	61.9	31.0	M16	5/8	212–38	FC 212	5.7
212–39	2 7/16																	212–39		
HCFC **213–40**	2 1/2		8 1/16	6 11/16	4 47/64	5/8	1 31/32	3/4	35/64	19/32	1 27/64	5.7087	2 43/64	2.7031	1.3425			HC 213–40		
213		65	205	170	120.2	16	50	19	14	15	36	145	67.6	68.6	34.1	M16	5/8	213	FC 213	6.5
HCFC **215**		75	8 21/32	7 1/4	5 1/8	45/64	2 7/32	3/4	5/8	23/32	1 9/16	6.2992	2 55/64	2.9531	1.4685	M16	5/8	HC 215	FC 215	8.0
215–48	3		220	184	130.1	18	56	19	16	18	40	160	72.8	75.0	37.3			215–48		

* The spherical size for HCFC 201–203 is SΦ40mm





SR type seal

UKFC 200

normal-duty

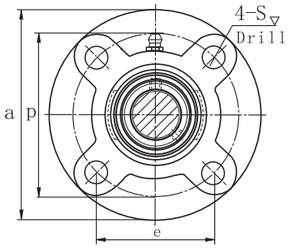
Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	p	e	i	l	S	j	k	g	f	Z	S1	Bolt used (mm)	(in.)	Bearing No.	Adapter Sleeve No.	Housing No.	Weight (kg)
UKFC 205+HE2305	3/4		4 17/32	3 35/64	2 1/2	25/64	1 1/16	15/32	15/64	9/32	53/64	2.7559	1 5/32	0.7677	M10	3/8	UK 205	HE2305	FC 205	0.98
205+H2305		20	115	90	63.6	10	27	12	6	7	21	70	29.5	19.5				H2305		
UKFC 206+HS2306	7/8																	HS2306		
206+HA2306	15/16		4 29/32	3 15/16	2 25/32	25/64	1 7/32	15/32	5/16	5/16	29/32	3.1496	1 7/32	0.8268	M10	3/8	UK 206	HA2306	FC 206	1.2
206+H2306		25	125	100	70.7	10	31	12	8	8	23	80	31	21				H2306		
206+HE2306	1																	HE2306		
UKFC 207+HS2307	1 1/8		5 5/16	4 21/64	3 1/16	7/16	1 11/32	35/64	5/16	11/32	1 1/32	3.5433	1 5/16	0.8858	M12	7/16	UK 207	HS2307	FC 207	1.7
207+H2307		30	135	110	77.8	11	34	14	8	9	26	90	33.5	22.5				H2307		
207+HA2307	1 3/16																	HA2307		
UKFC 208+HE2308	1 1/4		5 23/32	4 23/32	3 11/32	7/16	1 13/32	35/64	25/64	11/32	1 1/32	3.9370	1 25/64	0.9646	M12	7/16	UK 208	HE2308	FC 208	2.0
208+HS2308	1 3/8																	HS2308		
208+H2308		35	145	120	84.8	11	36	14	10	9	26	100	35.5	24.5				H2308		
UKFC 209+HA2309	1 7/16																	HA2309		
209+HE2309	1 1/2		6 5/16	5 13/64	3 43/64	25/64	1 1/2	5/8	15/32	9/16	1 1/32	4.1339	1 27/64	1.0236	M14	1/2	UK 209	HE2309	FC 209	2.7
209+H2309		40	160	132	93.3	10	38	16	12	14	26	105	36	26				H2309		
UKFC 210+HS2310	1 5/8																	HS2310		
210+HA2310	1 11/16		6 1/2	5 7/16	3 27/32	25/64	1 9/16	5/8	15/32	9/16	1 3/32	4.3307	1 15/32	1.0827	M14	1/2	UK 210	HA2310	FC 210	3.0
210+HE2310	1 3/4																	HE2310		
210+H2310		45	165	138	97.6	10	40	16	12	14	28	110	37.5	27.5				H2310		
UKFC 211+HS2311	1 7/8																	HS2311		
211+HA2311	1 15/16		7 9/32	5 29/32	4 11/64	33/64	1 11/16	3/4	15/32	19/32	1 7/32	4.9213	1 41/64	1.1221	M16	5/8	UK 211	HA2311		
211+H2311		50	185	150	106.1	13	43	19	12	15	31	125	41.5	28.5				H2311	FC 211	4.2
211+HE2311	2																	HE2311		
UKFC 212+HS2312	2 1/8		7 11/16	6 19/64	4 29/64	43/64	1 7/8	3/4	15/32	19/32	1 27/64	5.3150	1 57/64	1.2205	M16	5/8	UK 212	HS2312		
212+H2312		55	195	160	113.1	17	48	19	12	15	36	135	48	31				H2312	FC 212	4.9
UKFC 213+HA2313	2 3/16																	HA2313		
213+HE2313	2 1/4		8 1/16	6 11/16	4 47/64	5/8	1 31/32	3/4	35/64	19/32	1 27/64	5.7087	1 59/64	1.2992	M16	5/8	UK 213	HE2313		
213+H2313		60	205	170	120.2	16	50	19	14	15	36	145	49	33				H2313	FC 213	5.6
213+HS2313	2 3/8																	HS2313		
UKFC 215+HA2315	2 7/16																	HA2315		
215+HE2315	2 1/2		8 21/32	7 1/4	5 1/8	45/64	2 7/32	3/4	5/8	23/32	1 9/16	6.2992	2 7/64	1.3976	M16	5/8	UK 215	HE2315	FC 215	7.5
215+H2315		65	220	184	130.1	18	56	19	16	18	40	160	53.5	35.5				H2315		
UKFC 216+HA2316	2 11/16																	HA2316		
216+HE2316	2 3/4		9 7/16	7 7/8	5 9/16	45/64	2 9/32	29/32	5/8	23/32	1 21/32	6.6929	2 1/4	1.5354	M20	3/4	UK 216	HE2316	FC 216	8.9
216+H2316		70	240	200	141.4	18	58	23	16	18	42	170	57	39				H2316		
UKFC 217+HA2317	2 15/16																	HA2317		
217+H2317		75	9 27/32	8 3/16	5 51/64	45/64	2 15/32	29/32	45/64	25/32	1 25/32	7.0886	2 21/64	1.6142	M20	3/4	UK 217	H2317	FC 217	10.4
217+HE2317	3																	HE2317		
UKFC 218+H2318		80	10 7/16	8 21/32	6 1/8	55/64	2 11/16	29/32	45/64	25/32	1 31/32	7.4803	2 33/64	1.6535	M20	3/4	UK 218	H2318	FC 218	13.3

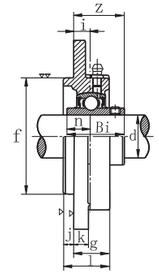
UCFC X00

medium-duty

SR type seal

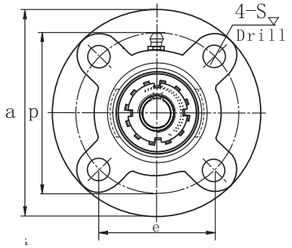
TRL type seal

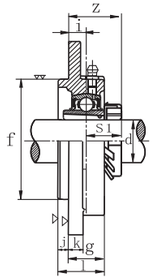




Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	p	e	i	l	S	j	k	g	f	Z	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
UCFC X05–14	7/8																	UCX05–14		
X05–15	15/16		4 3/8	3 5/8	2 9/16	25/64	1 3/16	3/8	15/64	3/8	15/16	2.9921	1 17/64	1.5000	0.6260	M8	5/16	X05–15	FCX 05	1.2
X05		25	111	92	65	10	30	9.5	6	9.5	24	76	32.2	38.1	15.9			X05		
X05–16	1																	X05–16		
UCFC X06–18	1 1/8																	UCX06–18		
X06		30	5	4 9/64	2 59/64	5/16	1 17/64	15/32	3/8	3/8	7/8	3.3464	1 5/16	1.6890	0.6890	M10	3/8	X06	FCX 06	1.5
X06–19	1 3/16		127	105	74.2	8	32	12	9.5	9.5	22.5	85	33.4	42.9	17.5			X06–19		
X06–20	1 1/4																	X06–20		
UCFC X07–20	1 1/4																	UCX07–20		
X07–21	1 5/16		5 1/4	4 3/8	3 3/32	23/64	1 29/64	15/32	7/16	7/16	1 1/32	3.6220	1 35/64	1.9370	0.7480	M10	3/8	X07–21		
X07–22	1 3/8																	X07–22	FCX 07	1.9
X07		35	133	111	78.5	9	37	12	11	11	26	92	39.2	49.2	19.0			X07		
X07–23	1 7/16																	X07–23		
UCFC X08–24	1 1/2																	UCX08–24		
X08–25	1 9/16		5 1/4	4 3/8	3 3/32	23/64	1 29/64	15/32	7/16	7/16	1 1/32	3.6220	1 35/64	1.9370	0.7480	M10	3/8	X08–25		
X08		40	133	111	78.5	9	37	12	11	11	26	92	39.2	49.2	19.0			X08	FCX 08	2.0
UCFC X09–26	1 5/8																	UCX09–26		
X09–27	1 11/16		6 3/32	5 1/8	3 5/8	5/16	1 29/64	35/64	15/32	7/16	1	4.2520	1 19/32	2.0315	0.7480	M12	7/16	X09–27		
X09–28	1 3/4																	X09–28	FCX 09	2.6
X09		45	155	130	91.9	8	37	14	12	11	25	108	40.6	51.6	19.0			X09		
UCFC X10–30	1 7/8																	UCX10–30		
X10–31	1 15/16		6 3/8	5 23/64	3 25/32	9/32	1 5/8	35/64	5/8	7/16	1	4.6457	1 19/32	2.1890	0.8740	M12	7/16	X10–31		
X10		50	162	136	96.2	7	41	14	16	11	25	118	40.4	55.6	22.2			X10	FCX 10	3.2
UCFC X11–32	2																	UCX11–32		
X11–34	2 1/8		7 3/32	5 63/64	4 15/64	5/32	1 57/64	5/8	55/64	1/2	1 1/32	5.0000	1 23/32	2.5630	1.0000	M14	1/2	X11–34		
X11		55	180	152	107.5	4	48	16	22	13	26	127	43.7	65.1	25.4			X11	FCX 11	4.2
X11–35	2 3/16																	X11–35		
UCFC X12–36	2 1/4																	UCX12–36		
X12		60	7 5/8	6 1/2	4 19/32	7/16	2 3/32	5/8	25/32	9/16	1 5/16	5.5118	2	2.5630	10000	M14	1/2	X12		
X12–38	2 3/8		194	165	116.7	11	53	16	20	14	33	140	50.7	65.1	25.4			X12–38	FCX 12	5.3
X12–39	2 7/16																	X12–39		
UCFC X13–40	2 1/2		7 5/8	6 1/2	4 19/32	7/16	2 3/32	5/8	25/32	9/16	1 5/16	5.5118	2 3/16	2.9370	1.1890	M14	1/2	UCX13–40		
X13		65	194	165	116.7	11	53	16	20	14	33	140	55.4	74.6	30.2			X13	FCX 13	5.7
UCFC X14–44	2 3/4		8 3/4	7 31/64	5 9/32	35/64	2 7/32	3/4	25/32	9/16	1 27/64	6.4567	2 5/16	3.0630	1.3110	M16	5/8	UCX14–44		
X14		70	222	190	134.3	14	56	19	20	14	36	164	58.5	77.8	33.3			X14	FCX 14	7.4
UCFC X15		75	8 3/4	7 31/64	5 9/32	15/32	2 1/4	3/4	55/64	5/8	1 3/16	6.4567	2 13/32	3.2520	1.3110	M16	5/8	UCX15		
X15–48	3		222	190	134.3	12	57	19	22	16	35	164	61.3	82.6	33.3			X15–48	FCX 15	7.9
UCFC X16		80	10 1/4	8 5/8	6 3/32	25/64	2 13/32	29/32	63/64	3/4	27/64	7.3228	2 27/64	3.3740	1.3425	M20	3/4	UCX16	FCX 16	11.5
			260	219	154.8	10	61	23	25	19	36	186	61.6	85.7	34.1					
UCFC X17–52	3 1/4		10 1/4	8 5/8	6 3/32	25/64	2 13/32	29/32	63/64	3/4	27/64	7.3228	2 5/8	3.7795	1.5630	M20	3/4	UCX17–52		
X17		85	260	219	154.8	10	61	23	25	19	36	186	66.3	96.0	39.7			X17	FCX 17	13.0
UCFC X18–56	3 1/2		10 1/4	8 5/8	6 3/32	15/32	2 51/64	29/32	1 7/64	3/4	1 11/16	7.3228	2 7/8	4.0945	1.6890	M20	3/4	UCX18–56		
X18		90	260	219	154.8	12	71	23	28	19	43	186	73.1	104.0	42.9			X18	FCX 18	14.0
UCFC X20		100	10 7/8	9 3/8	6 5/8	55/64	3 45/64	29/32	1 7/64	55/64	2 19/32	8.1102	3 9/16	4.6260	1.9370	M20	3/4	UCX20		
X20–64	4		276	238	168.3	22	94	23	28	22	66	206	90.3	117.5	49.2			X20–64	FCX 20	18.1

Flange Cartridge Units





UKFC X00

medium-duty

SR type seal

Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	p	e	i	l	S	j	k	g	f	Z	S1	Bolt used (mm)	(in.)	Bearing No.	Adapter Sleeve No.	Housing No.	Weight (kg)
UKFC **X05+HE2305**	3/4		4 3/8	3 5/8	2 9/16	25/64	1 3/16	3/8	15/64	3/8	15/16	2.9921	1 7/32	0.8268	M8	5/16	UK X05	HE2305	FC X05	1.2
X05+H2305		20	111	92	65	10	30	9.5	6	9.5	24	76	31	21				H2305		
UKFC **X06+HS2306**	7/8																	HS2306		
X06+HA2306	15/16		5	4 9/64	2 59/64	5/16	1 17/64	15/32	3/8	3/8	7/8	3.3465	1 5/32	0.8465	M10	3/8	UK X06	HA2306	FC X06	1.4
X06+H2306		25	127	105	74.2	8	32	12	9.5	9.5	22.5	85	29.5	21.5				H2306		
X06+HE2306	1																	HE2306		
UKFC **X07+HS2307**	1 1/8																	HS2307		
X07+H2307		30	5 1/4	4 3/8	3 3/32	23/64	1 29/64	15/32	7/16	7/16	1 1/32	3.6220	1 9/32	0.9252	M10	3/8	UK X07	H2307	FC X07	1.9
X07+HA2307	1 3/16		133	111	78.5	9	37	12	11	11	26	92	32.5	23.5				HA2307		
UKFC **X08+HE2308**	1 1/4																	HE2308		
X08+HS2308	1 3/8		5 1/4	4 3/8	3 3/32	23/64	1 29/64	15/32	7/16	7/16	1 1/32	3.6220	1 11/32	0.9843	M10	3/8	UK X08	HS2308	FC X08	1.9
X08+H2308		35	133	111	78.5	9	37	12	11	11	26	92	34	25				H2308		
UKFC **X09+HA2309**	1 7/16																	HA2309		
X09+HE2309	1 1/2		5 3/32	5 1/8	3 5/8	5/16	1 29/64	9/16	15/32	7/16	1	4.2520	1 23/64	1.0433	M12	7/16	UK X09	HE2309	FC X09	2.6
X09+H2309		40	155	130	91.9	8	37	14	12	11	25	108	34.5	26.5				H2309		
UKFC **X10+HS2310**	1 5/8																	HS2310		
X10+HA2310	1 11/16		6 3/8	5 23/64	3 25/32	9/32	1 5/8	9/16	5/8	7/16	1	4.6457	1 25/64	1.1220	M12	7/16	UK X10	HA2310	FC X10	3.1
X10+HE2310	1 3/4		162	136	96.2	7	41	14	16	11	25	118	35.5	28.5				HE2310		
X10+H2310		45																H2310		
UKFC **X11+HS2311**	1 7/8																	HS2311		
X11+HA2311	1 15/16		7 3/32	5 63/64	4 15/64	5/32	1 57/64	5/8	55/64	1/2	1 1/32	5.0000	1 11/32	1.1811	M14	1/2	UK X11	HA2311	FC X11	4.0
X11+H2311		50	180	152	107.5	4	48	16	22	13	26	127	34	30				H2311		
X11+HE2311	2																	HE2311		
UKFC **X12+HS2312**	2 1/8		7 5/8	6 1/2	4 19/32	7/16	2 3/32	5/8	25/32	9/16	1 5/16	5.5118	1 11/16	1.2598	M14	1/2	UK X12	HS2312	FC X12	5.2
X12+H2312		55	194	165	116.7	11	53	16	20	14	33	140	43	32				H2312		
UKFC **X13+HA2313**	2 3/16																	HA2313		
X13+HE2313	2 1/4		7 5/8	6 1/2	4 19/32	7/16	2 3/32	5/8	25/32	9/16	1 5/16	5.5118	1 49/64	1.3386	M14	1/2	UK X13	HE2313	FC X13	5.4
X13+H2313		60	194	165	116.7	11	53	16	20	14	33	140	45	34				H2313		
X13+HS2313	2 3/8																	HS2313		
UKFC **X15+HA2315**	2 7/16																	HA2315		
X15+HE2315	2 1/2		8 3/4	7 31/64	5 9/32	15/32	2 1/4	3/4	55/64	5/8	1 3/8	6.4567	1 59/64	1.4567	M16	5/8	UK X15	HE2315	FC X15	7.7
X15+H2315		65	222	190	134.3	12	57	19	22	16	35	164	49	37				H2315		
UKFC **X16+HA2316**	2 11/16																	HA2316		
X16+HE2316	2 3/4		10 1/4	8 5/8	6 3/32	25/64	2 13/32	29/32	63/64	3/4	1 13/32	7.3228	1 31/32	1.5748	M20	3/4	UK X16	HE2316	FC X16	11.4
X16+H2316		70	260	219	154.8	10	61	23	25	19	36	186	50	40				H2316		
UKFC **X17+HA2317**	2 15/16																	HA2317		
X17+H2317		75	10 1/4	8 5/8	6 3/32	25/64	2 13/32	29/32	63/64	3/4	1 13/32	7.3228	2 1/16	1.6732	M20	3/4	UK X17	H2317	FC X17	12.6
X17+HE2317	3		260	219	154.8	10	61	23	25	19	36	186	52.5	42.5				HE2317		
UKFC **X18+H2318**		80	10 1/4	8 5/8	6 3/32	15/32	2 51/64	29/32	7/64	3/4	1 11/16	7.3228	2 13/64	1.7322	M20	3/4	UK X18	H2318	FC X18	13.1
			260	219	154.8	12	71	23	28	19	43	186	56	44						
UKFC **X20+H2320**		90	10 7/8	9 3/8	6 5/8	55/64	3 45/64	29/32	1 7/64	55/64	2 19/32	8.1102	2 51/64	1.9291	M20	3/4	UK X20	H2320	FC X20	17.1
			276	238	168.3	22	94	23	28	22	66	206	71	49						

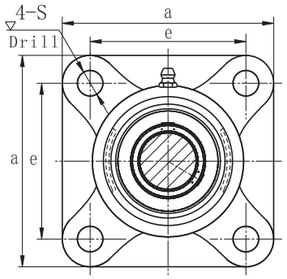
Flange Cartridge Units(Square)

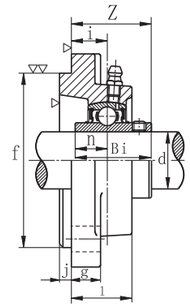
UCFS 300

heavy-duty

SR type seal

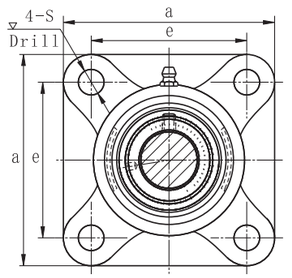
TRL type seal

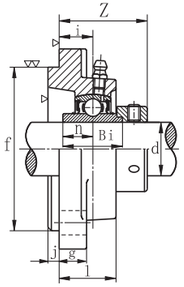




Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	j	S	l	f	Z	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
UCFS **305**		25	4 21/64	3 5/32	23/64	33/64	9/32	5/8	55/64	3.1496	1 17/64	1.4961	0.5906	M14	1/2	UC 305	FS 305	1.4
305–16	1		110	80	9	13	7	16	22	80	32	38	15			305–16		
UCFS **306–18**	1 1/8															UC 306–18		
306		30	4 59/64	3 47/64	25/64	19/32	5/16	5/8	15/16	3.5433	1 27/64	1.6929	0.6693	M14	1/2	306	FS 306	1.9
306–20	1 1/4		125	95	10	15	8	16	24	90	36	43	17			306–20		
UCFS **307–20**	1 1/4															UC 307–20		
307–22	1 3/8		5 5/16	3 15/16	7/16	5/8	23/64	3/4	1 1/16	3.9370	1 37/64	1.8897	0.7480	M16	5/8	307–22	FS 307	2.4
307		35	135	100	11	16	9	19	27	100	40	48	19			307		
UCFS **308–24**	1 1/2		5 29/32	4 13/32	33/64	43/64	25/64	3/4	1 7/16	4.5276	2 13/16	2.0472	0.7480	M16	5/8	UC 308–24	FS 308	3.3
308		40	150	112	13	17	10	19	30	115	46	52	19			308		
UCFS **309–28**	1 3/4		6 19/64	4 59/64	35/64	45/64	7/16	3/4	1 19/64	4.9213	1 59/64	2.2441	0.8661	M16	5/8	UC 309–28	FS 309	4.0
309		45	160	125	14	18	11	19	33	125	49	57	22			309		
UCFS **310–31**	1 15/16		6 57/64	5 13/64	5/8	3/4	15/32	29/32	1 27/64	5.5118	2 11/64	2.4015	0.8661	M20	3/4	UC 310–31	FS 310	5.3
310		50	175	132	16	19	12	23	36	140	55	61	22			310		
310–32	2															310–32		
UCFS **311–32**	2		7 9/32	5 33/64	43/64	25/32	33/64	29/32	1 17/32	5.9055	2 9/32	2.5984	0.9842	M20	3/4	UC 311–32	FS 311	6.2
311		55	185	140	17	20	13	23	39	150	58	66	25			311		
UCFS **312–36**	2 1/4		7 43/64	5 29/32	3/4	55/64	35/64	29/32	1 21/32	6.2992	2 33/64	2.7953	1.0236	M20	3/4	UC 312–36	FS 312	7.4
312		60	195	150	19	22	14	23	42	160	64	71	26			312		
UCFS **313–40**	2 1/2		8 3/16	6 17/32	19/32	55/64	45/64	29/32	1 37/64	6.8897	2 23/64	2.9528	1.1881	M20	3/4	UC 313–40	FS 313	8.6
313		65	208	166	15	22	18	23	40	175	60	75	30			313		
UCFS **314–44**	2 3/4		8 57/64	7	45/64	63/64	45/64	63/64	1 11/16	7.2834	2 31/64	3.0709	1.2992	M22	7/8	UC 314–44	FS 314	11.2
314		70	226	178	18	25	18	25	43	185	63	78	33			314		
UCFS **315**		75	9 9/32	7 1/4	53/64	63/64	45/64	63/64	1 57/64	7.8740	2 51/64	3.2283	1.2598	M22	7/8	UC 315	FS 315	12.7
315–48	3		236	184	21	25	18	25	48	200	71	82	32			315–48		
UCFS **316**		80	9 27/32	7 23/32	45/64	1 1/16	25/32	7/32	1 57/64	8.2677	2 3/4	3.3858	1.3386	M27	1	UC 316	FS 316	14.3
316–50	3 1/8		250	196	18	27	20	31	48	210	70	86	34			316–50		
UCFS **317–52**	3 1/4		10 61/64	8 1/32	15/16	1 1/16	25/32	7/32	2 1/8	8.6614	3 5/32	3.7795	1.5748	M27	1	UC 317–52	FS 317	17.2
317		85	260	204	24	27	20	31	54	220	80	96	40			317		
UCFS **318–56**	3 1/2		11 1/32	8 1/2	15/16	3/16	25/32	1 3/8	2 13/64	9.4488	3 5/32	3.7795	1.5748	M30	1 1/8	UC 318–56	FS 318	20.4
318		90	280	216	24	30	20	35	56	240	80	96	40			318		
UCFS **319**		95	11 27/64	8 31/32	1 17/32	1 3/16	25/32	1 3/8	3 29/32	9.8425	3 31/32	4.0551	1.6142	M30	1 1/8	UC 319	FS 319	23.9
			290	228	39	30	20	35	74	250	101	103	41					
UCFS **320**		100	12 13/64	9 17/32	1 17/32	1 17/64	25/32	1 1/2	3 29/32	10.2362	4 9/64	4.2519	1.6535	M33	1 1/4	UC 320	FS 320	27.1
320–64	4		310	242	39	32	20	38	74	260	105	108	42			320–64		
UCFS **322**		110	13 25/64	10 15/32	1 3/8	1 3/8	63/64	39/64	2 51/64	11.8110	4 11/64	4.6063	1.8110	M36	1 3/8	UC 322	FS 322	36.8
			340	266	35	35	25	41	71	300	106	117	46					
UCFS **324**		120	14 9/16	11 27/64	1 3/8	1 37/64	1 3/16	1 39/64	3 5/32	12.9921	4 21/64	4.9606	2.0079	M36	1 3/8	UC 324	FS 324	50.6
			370	290	35	40	30	41	80	330	110	126	51					
UCFS **326**		130	16 9/64	12 19/32	1 3/8	1 49/64	1 3/16	1 39/64	3 17/32	14.1732	4 9/16	5.3150	2.1260	M36	1 3/8	UC 326	FS 326	67.8
			410	320	35	45	30	41	85	360	116	135	54					
UCFS **328**		140	17 23/32	13 25/32	1 49/64	1 11/64	1 3/16	1 39/64	3 47/64	15.7480	5 5/32	5.7086	2.3228	M36	1 3/8	UC 328	FS 328	96.3
			450	350	45	55	30	41	95	400	131	145	59					

Flange Cartridge Units (Square)





TRL type seal

SR type seal

EWFS 300 =

HCFS 300

heavy-duty

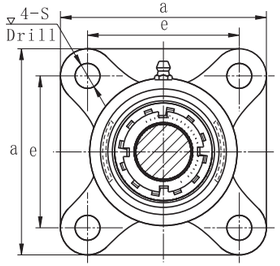
Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	j	S	l	f	Z	Bi	n	Bolt used (mm)	(in.)	Bearing No.	Housing No.	Weight (kg)
HCFS **305**		25	21/64	3 5/32	23/64	33/64	9/32	5/8	55/64	3.1496	1 35/64	1.3740	0.6575	M14	1/2	HC305		
305–16	1		110	80	9	13	7	16	22	80	39.1	34.9	16.7			305–16	FS 305	1.4
HCFS **306–18**	1 1/8															HC306–18		
306		30	4 59/64	3 47/64	25/64	19/32	5/16	5/8	15/16	3.5433	1 43/64	1.4370	0.6890	M14	1/2	306	FS 306	2.0
306–20	1 1/4		125	95	10	15	8	16	24	90	42.5	36.5	17.5			306–20		
HCFS **307–20**	1 1/4															HC307–20		
307–22	1 3/8		5 5/16	3 15/16	7/16	5/8	23/64	3/4	1 1/16	3.9370	1 3/4	1.5000	0.7205	M16	5/8	307–22	FS 307	2.4
307		35	135	100	11	16	9	19	27	100	44.3	38.1	18.3			307		
HCFS **308–24**	1 1/2															HC308–24		
308		40	5 29/32	4 13/32	33/64	43/64	25/64	3/4	1 7/16	4.5276	1 63/64	1.6260	0.7795	M16	5/8	308	FS 308	3.4
HCFS **309–28**	1 3/4		6 19/64	4 59/64	35/64	45/64	7/16	3/4	1 19/64	4.9213	2 5/64	1.6890	0.7795	M16	5/8	HC309–28		
309		45	160	125	14	18	11	19	33	125	52.9	42.9	19.8			309	FS 309	4.2
HCFS **310–31**	1 15/16															HC310–31		
310		50	6 57/64	5 13/64	5/8	3/4	15/32	29/32	1 27/64	5.5118	2 9/32	1.9370	0.9685	M20	3/4	310	FS 310	5.5
310–32	2		175	132	16	19	12	23	36	140	58	49.2	24.6			310–32		
HCFS **311–32**	2		7 9/32	5 33/64	43/64	25/32	33/64	29/32	1 17/32	5.9055	2 29/64	2.1890	1.0945	M20	3/4	HC311–32		
311		55	185	140	17	20	13	23	39	150	62.2	55.6	27.8			311	FS 311	6.5
HCFS **312–36**	2 1/4		7 43/64	5 29/32	3/4	55/64	35/64	29/32	1 21/32	6.2992	2 21/32	2.4370	1.2185	M20	3/4	HC312–36		
312		60	195	150	19	22	14	23	42	160	67.5	61.9	30.95			312	FS 312	7.5
HCFS **313–40**	2 1/2		8 3/16	6 17/32	19/32	55/64	45/64	29/32	1 37/64	6.8897	2 11/16	2.5630	1.2795	M20	3/4	HC313–40		
313		65	208	166	15	22	18	23	40	175	68.2	65.1	32.5			313	FS 313	9.3
HCFS **314–44**	2 3/4		8 57/64	7	45/64	63/64	45/64	63/64	1 11/16	7.2834	2 63/64	2.6890	1.3445	M22	7/8	HC314–44		
314		70	226	178	18	25	18	25	43	185	76	68.3	34.15			314	FS 314	11
HCFS **315**		75	9 9/32	7 1/4	53/64	63/64	45/64	63/64	1 57/64	7.8740	3 19/64	2.9370	1.4685	M22	7/8	HC315		
315–48	3		236	184	21	25	18	25	48	200	83.7	74.6	37.3			315–48	FS 315	13
HCFS **316**		80	9 27/32	7 23/32	45/64	1 1/16	25/32	1 7/32	1 57/64	8.2677	3 19/64	3.1890	1.5945	M27	1	HC316		
316–50	3 1/8		250	196	18	27	20	31	48	210	83.9	81	40.5			316–50	FS 316	16
HCFS **317–52**	3 1/4		10 15/64	8 1/32	15/16	1 1/16	25/32	1 7/32	2 1/8	8.6614	3 39/64	3.3110	1.6535	M27	1	HC317–52		
317		85	260	204	24	27	20	31	54	220	91.5	84.1	42			317	FS 317	19
HCFS **318–56**	3 1/2		11 1/32	8 1/2	15/16	1 3/16	25/32	1 3/8	2 13/64	9.4488	3 51/64	3.4370	1.7165	M30	1 1/8	HC318–56		
318		90	280	216	24	30	20	35	56	240	96.3	87.3	43.6			318	FS 318	23
HCFS **319**		95	11 27/64	8 31/32	1 17/32	1 3/16	25/32	1 3/8	3 29/32	9.8425	3 33/64	3.6890	1.8425	M30	1 1/8	HC319		
			290	228	39	30	20	35	74	250	114.5	93.7	46.8				FS 319	26
HCFS **320**			12 13/64	9 17/32	1 17/32	1 17/64	25/32	1 1/2	3 29/32	10.2362	4 5/8	3.9370	1.9685	M33	1 1/4	HC320		
320–64	4	100	310	242	39	32	20	38	74	260	117.6	100	50			320–64	FS 320	32

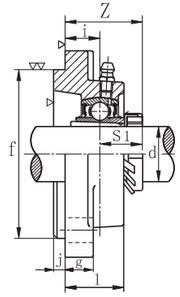
Flange Cartridge Units (Square)

UKFS 300

heavy-duty

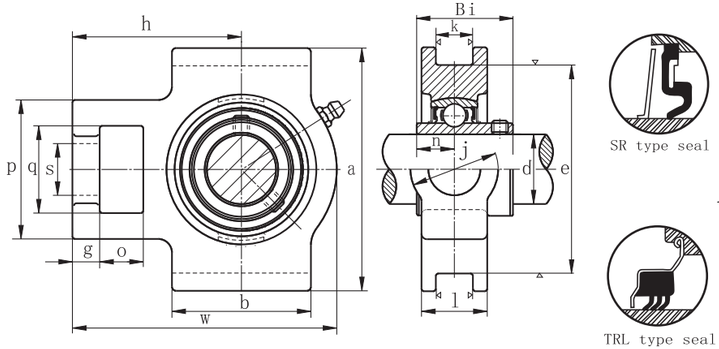
SR type seal





Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	S	j	f	Z	S1	Bolt used (mm)	(in.)	Bearing No.	Adapter Sleeve No.	Housing No.	Weight (kg)
UKFS **305+HE2305**	3/4		4 11/32	3 5/32	23/64	1/2	55/64	5/8	9/32	3 5/32	1 3/16	0.8437	M14	1/2	UK 305	HE2305		
305+H2305		20	110	80	9	13	22	16	7	80	30	21.5				H2305	FS 305	1.3
UKFS **306+HS2306**	7/8															HS2306		
306+HA2306	15/16		4 29/32	3 47/64	25/64	19/32	15/16	5/8	5/16	3 35/64	1 9/32	0.9062	M14	1/2	UK 306	HA2306		
306+H2306		25	125	95	10	15	24	16	8	90	32.5	23				H2306	FS 306	1.9
306+HE2306	1															HE2306		
UKFS **307+HS2307**	1 1/8															HS2307		
307+H2307		30	5 5/16	3 15/16	7/16	5/8	1 1/16	3/4	23/64	3 15/16	1 25/64	1.0000	M16	5/8	UK 307	H2307	FS 307	2.4
307+HA2307	1 3/16		135	100	11	16	27	19	9	100	35.5	25.5				HA2307		
UKFS **308+HE2308**	1 1/4															HE2308		
308+HS2308	1 3/8		5 29/32	4 13/32	33/64	21/32	1 3/16	3/4	25/64	4 17/32	1 37/64	1.0781	M16	5/8	UK 308	HS2308		
308+H2308		35	150	112	13	17	30	19	10	115	40	27.5				H2308	FS 308	3.3
UKFS **309+HA2309**	1 7/16															HA2309		
309+HE2309	1 1/2		6 5/16	4 59/64	35/64	23/32	1 19/64	3/4	7/16	4 59/64	1 23/32	1.1875	M16	5/8	UK 309	HE2309		
309+H2309		40	160	125	14	18	33	19	11	125	43.5	30				H2309	FS 309	4.1
UKFS **310+HS2310**	1 5/8															HS2310		
310+HA2310	1 11/16		6 7/8	5 13/64	5/8	3/4	27/64	29/32	15/32	5 33/64	1 57/64	1.2656	M20	3/4	UK 310	HA2310		
310+HE2310	1 3/4															HE2310		
310+H2310		45	175	132	16	19	36	23	12	140	48	32				H2310	FS 310	5.3
UKFS **311+HS2311**	1 7/8															HS2311		
311+HA2311	1 15/16		7 9/32	5 33/64	43/64	25/64	17/32	29/32	33/64	5 29/32	1 63/64	1.3125	M20	3/4	UK 311	HA2311		
311+H2311		50	185	140	17	20	39	23	13	150	50.5	33.5				H2311	FS 311	6.2
311+HE2311	2															HE2311		
UKFS **312+HS2312**	2 1/8		7 11/16	5 29/32	3/4	7/8	1 21/32	29/32	35/64	6 19/64	2 11/64	1.4375	M20	3/4	UK 312	HS2312		
312+H2312		55	195	150	19	22	42	23	14	160	55	36.5				H2312	FS 312	7.1
UKFS **313+HA2313**	2 3/16															HA2313		
313+HE2313	2 1/4		8 3/16	6 17/32	19/32	7/8	1 37/64	29/32	45/64	6 57/64	2 3/32	1.5156	M20	3/4	UK 313	HE2313		
313+H2313		60	208	166	15	22	40	23	18	175	53	38.5				H2313	FS 313	8.7
313+HS2313	2 3/8															HS2313		
UKFS **315+HA2315**	2 7/16															HA2315		
315+HE2315	2 1/2		9 9/32	7 1/4	53/64	1	1 57/64	63/64	45/64	7 7/8	2 31/64	1.6718	M22	7/8	UK 315	HE2315	FS 315	13
315+H2315		65	236	184	21	25	48	25	18	200	63	42.5				H2315		
UKFS **316+HA2316**	2 11/16		9 27/32	7 23/32	45/64	1 1/16	1 57/64	1 7/32	25/32	8 17/64	2 1/2	1.7500	M27	1	UK 316	HA2316		
316+HE2316	2 3/4															HE2316		
316+H2316		70	250	196	18	27	48	31	20	210	63.5	44.5				H2316	FS 316	15
UKFS **317+HA2317**	2 15/16															HA2317		
317+H2317		75	10 1/4	8 1/32	15/16	1 1/16	2 1/8	1 7/32	25/32	8 21/32	2 53/64	1.8906	M27	1	UK 317	H2317	FS 317	17
317+HE2317	3		260	204	24	27	54	31	20	220	72	48				HE2317		
UKFS **318+H2318**		80	11 1/32	8 1/2	15/16	1 3/16	2 7/32	1 3/8	25/32	9 29/64	2 57/64	1.8906	M30	1 1/8	UK 318	H2318	FS 318	21
			280	216	24	30	56	35	20	240	73.5	48						
UKFS **319+HE2319**	3 1/4		11 13/32	8 31/32	1 17/32	1 3/16	2 29/32	1 3/8	25/32	9 27/32	3 37/64	2.0468	M30	1 1/8	UK 319	HS2319		
319+H2319		85	290	228	39	30	74	35	20	250	91	52				H2319	FS 319	25
UKFS **320+HE2320**	3 1/2		12 7/32	9 17/32	1 17/32	1 1/4	2 29/32	1 1/2	25/32	10 15/64	3 47/64	2.2187	M33	1 1/4	UK 320	HS2320		
320+H2320		90	310	242	39	32	74	38	20	260	95	56				H2320	FS 320	30
UKFS **322+H2322**		100	13 3/8	10 15/32	1 3/8	1 3/8	2 51/64	1 39/64	63/64	11 1/5	3 25/32	2.4062	M36	1 3/8	UK 322	H2322	FS 322	38.6
			340	266	35	35	71	41	25	300	96	61						
UKFS **324+H2324**		110	14 9/16	11 27/64	1 3/8	1 9/16	3 5/32	1 39/64	1 3/16	12 63/64	3 15/16	2.5625	M36	1 3/8	UK 324	H2324	FS 324	50.9
			370	290	35	40	80	41	30	330	100	65						
UKFS **326+H2326**		115	16 5/32	12 19/32	1 3/8	1 25/32	3 11/32	1 39/64	1 3/16	14 5/32	4 3/32	2.7187	M36	1 3/8	UK 326	H2326	FS 326	67.5
			410	320	35	45	85	41	30	360	104	69						
UKFS **328+H2328**		125	17 23/32	13 25/32	1 3/4	2 5/32	3 47/64	1 39/64	1 3/16	15 37/50	4 41/64	2.8750	M36	1 3/8	UK 328	H2328	FS 328	94.0
			450	350	45	55	95	41	30	400	118	73						

Take–up Units (Normal–duty)



SR type seal

TRL type seal

UCST 200
wide inch slot
UCT 200
narrow metric slot

Bearing unit No.	Shaft Dia. d	o	g	p	q	s	b	k	e	a	w	j	l	h	Bi	n	Bearing No.	Housing No.	Weight
	(in.)																		(kg)
UCST **204–12**	3/4	5/8	13/32	2	1 1/4	3/4	2	17/32	3	3 1/2	3 11/16	1 1/4	15/16	2 13/32	1.220	0.500	UC 204–12	ST 204	0.74
UCST **205–14**	7/8	5/8	13/32	2	1 1/4	3/4	2	17/32	3	3 1/2	3 13/16	1 1/4	15/16	2 7/16	1.3386	0.563	UC 205–14	ST 205	0.83
205–15	15/16																205–15		
205–16	1																205–16		
UCST **206–17**	1 1/16																UC 206–17		
206–18	1 1/8	5/8	13/32	2 7/32	1 15/32	55/64	2 1/4	17/32	3 1/2	4 1/32	4 7/16	1 15/32	1 3/32	2 3/4	1.500	0.626	206–18	ST 206	1.3
206–19	1 3/16																206–19		
206–20	1 1/4																206–20		
UCST **207–20**	1 1/4																UC 207–20		
207–21	1 5/16	5/8	1/2	2 17/32	1 15/32	55/64	2 17/32	17/32	3 1/2	4 1/32	5 3/32	1 15/32	1 3/16	3 1/16	1.689	0.689	207–21	ST 207	1.6
207–22	1 3/8																207–22		
207–23	1 7/16																207–23		
UCST **208–24**	1 1/2	3/4	5/8	3 9/32	1 15/16	1 9/64	3 9/32	11/16	4 1/64	4 1/2	5 21/32	1 15/16	1 5/16	3 15/32	1.937	0.748	UC 208–24	ST 208	2.4
208–25	1 9/16																208–25		
UCST **209–26**	1 5/8	3/4	5/8	3 9/32	1 15/16	1 9/64	3 9/32	11/16	4 1/64	4 19/32	5 21/32	1 15/16	1 3/8	3 7/16	1.937	0.748	UC 209–26	ST 209	2.4
209–27	1 11/16																209–27		
209–28	1 3/4																209–28		
UCST **210–30**	1 7/8	3/4	5/8	3 9/32	1 15/16	1 9/64	3 3/8	11/16	4 1/64	4 19/32	5 7/8	1 15/16	1 15/32	3 17/32	2.031	0.748	UC 210–30	ST 210	2.5
210–31	1 15/16																210–31		
210–32	2																210–32		
UCST **211–32**	2																UC 211–32		
211–34	2 1/8	1	3/4	4 1/32	2 17/32	1 3/8	3 3/4	1 1/16	5 1/8	5 3/4	6 23/32	2 17/32	1 1/2	4 3/16	2.189	0.874	211–34	ST 211	4.0
211–35	2 3/16																211–35		
UCST **212–36**	2 1/4																UC 212–36		
212–38	2 3/8	1 1/4	3/4	4 1/32	2 17/32	1 3/8	4 1/32	1 1/16	5 1/8	5 3/4	7 5/8	2 17/32	1 21/32	4 11/16	2.563	1.000	212–38	ST 212	5.0
212–39	2 7/16																212–39		
UCST **213–40**	2 1/2	1 1/4	13/16	4 3/8	2 3/4	1 39/64	4 3/4	1 1/16	5 15/16	6 9/16	8 13/16	2 3/4	1 23/32	5 13/32	2.563	1.000	UC 213–40	ST 213	6.9

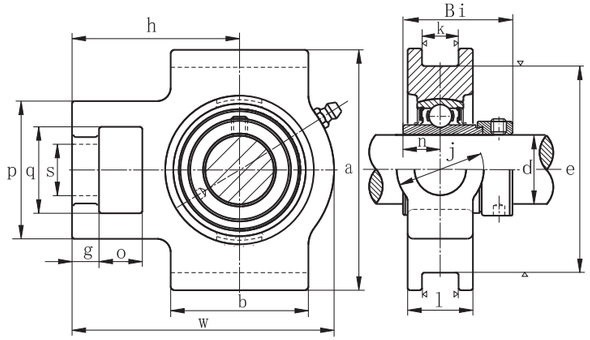
Bearing unit No.	Shaft Dia. d	o	g	p	q	s	b	k	e	a	w	j	l	h	Bi	n	Bearing No.	Housing No.	Weight
	(mm)																		(kg)
UCT **201**	12	16	10	51	32	19	51	12	76	89	94	32	21	61	31	12.7	UC 201	T 204	0.79
UCT **202**	15	16	10	51	32	19	51	12	76	89	94	32	21	61	31	12.7	UC 202	T 204	0.78
UCT **203**	17	16	10	51	32	19	51	12	76	89	94	32	21	61	31	12.7	UC 203	T 204	0.76
UCT **204**	20	16	10	51	32	19	51	12	76	89	94	32	21	61	31	12.7	UC 204	T 204	0.74
UCT **205**	25	16	10	51	32	19	51	12	76	89	97	32	24	62	34	14.3	UC 205	T 205	0.83
UCT **206**	30	16	10	56	37	22	57	12	89	102	113	37	28	70	38.1	15.9	UC 206	T 206	1.3
UCT **207**	35	16	13	64	37	22	64	12	89	102	129	37	30	78	42.9	17.5	UC 207	T 207	1.6
UCT **208**	40	19	16	83	49	29	83	16	102	114	144	49	33	88	49.2	19	UC 208	T 208	2.4
UCT **209**	45	19	16	83	49	29	83	16	102	117	144	49	35	87	49.2	19	UC 209	T 209	2.4
UCT **210**	50	19	16	83	49	29	86	16	102	117	149	49	37	90	51.6	19	UC 210	T 210	2.5
UCT **211**	55	25	19	102	64	35	95	22	130	146	171	64	38	106	55.6	22.2	UC 211	T 211	4.0
UCT **212**	60	32	19	102	64	35	102	22	130	146	194	64	42	119	65.1	25.4	UC 212	T 212	5.0
UCT **213**	65	32	21	111	70	41	121	26	151	167	224	70	44	137	65.1	25.4	UC 213	T 213	6.9
UCT **214**	70	32	21	111	70	41	121	26	151	167	224	70	46	137	74.6	30.2	UC 214	T 214	7.0
UCT **215**	75	32	21	111	70	41	121	26	151	167	232	70	48	140	77.8	33.3	UC 215	T 215	7.4
UCT **216**	80	32	21	111	70	41	121	26	165	184	235	70	51	140	82.6	33.3	UC 216	T 216	8.3
UCT **217**	85	38	29	124	73	48	157	30	173	198	260	73	54	162	85.7	34.1	UC 217	T 217	11.1
UCT **218**	90	40	40	130	80	48	140	30	190	215	275	80	55	170	96.0	39.7	UC 218	T 218	12.2

Take–up Units (Normal–duty)

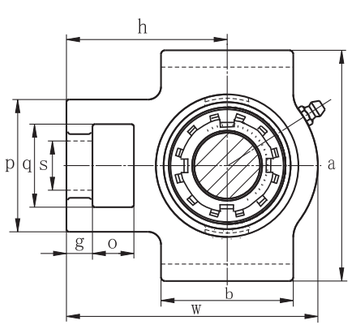
EWT 200 =
HCT 200
narrow metric slot

SR type seal

TRL type seal



Bearing unit No.	Shaft Dia. d	o	g	p	q	S	b	k	e	a	w	j	l	h	Bi	n	Bearing No.	Housing No.	Weight
	(in.)	(mm)																	(kg)
HCT **204–12**	3/4																HC 204–12		
204		20	16	10	51	32	19	51	12	76	89	94	32	21	61	43.7	17.1	204	T 204	0.87
HCT **205–14**	7/8																HC 205–14		
205–15	15/16																205–15		
205		25	16	10	51	32	19	51	12	76	89	97	32	24	62	44.3	17.4	205	T 205	0.92
205–16	1																	205–16		
HCT **206–18**	1 1/8																HC 206–18		
206		30	16	10	56	37	22	57	12	89	102	113	37	28	70	48.4	18.3	206	T 206	1.39
206–19	1 3/16																	206–19		
206–20	1 1/4																	206–20		
HCT **207–20**	1 1/4																HC 207–20		
207–21	1 5/16																207–21		
207–22	1 3/8		16	13	64	37	22	64	12	89	102	129	37	30	78	51.1	18.8	207–22	T 207	1.83
207		35																207		
207–23	1 7/16																	207–23		
HCT **208–24**	1 1/2																HC 208–24		
208–25	1 9/16		19	16	83	49	29	83	16	102	114	144	49	33	88	56.3	21.4	208–25	T 208	2.64
208		40																208		
HCT **209–26**	1 5/8																HC 209–26		
209–27	1 11/16		19	16	83	49	29	83	16	102	117	144	49	35	87	56.3	21.4	209–27	T 209	2.67
209–28	1 3/4																	209–28		
209		45																209		
HCT **210–30**	1 7/8																HC 210–30		
210–31	1 15/16																210–31		
210		50	19	16	83	49	29	86	16	102	117	149	49	37	90	62.7	24.6	210	T 210	2.81
210–32	2																	210–32		
HCT **211–32**	2																HC 211–32		
211–34	2 1/8		25	19	102	64	35	95	22	130	146	171	64	38	106	71.4	27.8	211–34	T 211	4.27
211		55																211		
211–35	2 3/16																	211–35		
HCT **212–36**	2 1/4																HC 212–36		
212		60	32	19	102	64	35	102	22	130	146	194	64	42	119	77.8	31.0	212	T 212	5.26
212–38	2 3/8																	212–38		
212–39	2 7/16																	212–39		
HCT **213–40**	2 1/2																HC 213–40		
213		65	32	21	111	70	41	121	26	151	167	224	70	44	137	85.7	34.1	213	T 213	7.55
HCT **215**		75															HC 215		
215–47	2 15/16		32	21	111	70	41	121	26	151	167	232	70	48	140	92.1	37.3	215–47	T 215	8.13
215–48	3																	215–48		



UKT 200

narrow metric slot

SR type seal

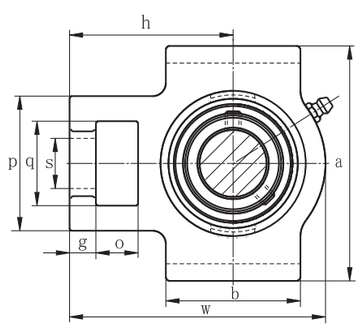
Bearing unit No.	Shaft Dia. d (in)	(mm)	Dimensions (mm) o	g	p	q	s	b	k	e	a	w	j	l	h	Bi	S1	Bearing No.	Adapter Sleeve No.	Housing No.	Weight (kg)
UKT **205+HE2305**	3/4	20	16	10	51	32	19	51	12	76	89	97	32	24	62	35	19.5	UK 205	HE2305	T 205	0.87
205+H2305																			H2305		
UKT **206+HS2306**	7/8	25	16	10	56	37	22	57	12	89	102	113	37	28	70	38	21	UK 206	HS2306	T 206	1.3
206+HA2306	15/16																		HA2306		
206+H2306																			H2306		
206+HE2306	1																		HE2306		
UKT **207+HS2307**	1 1/8	30	16	13	64	37	22	64	12	89	102	129	37	30	78	43	22.5	UK 207	HS2307	T 207	1.7
207+H2307																			H2307		
207+HA2307	1 3/16																		HA2307		
UKT **208+HE2308**	1 1/4	35	19	16	83	49	29	83	16	102	114	144	49	33	88	46	24.5	UK 208	HE2308	T 208	2.5
208+HS2308	1 3/8																		HS2308		
208+H2308																			H2308		
UKT **209+HA2309**	1 7/16	40	19	16	83	49	29	83	16	102	117	144	49	35	87	50	26	UK 209	HA2309	T 209	2.5
209+HE2309	1 1/2																		HE2309		
209+H2309																			H2309		
UKT **210+HS2310**	1 5/8	45	19	16	83	49	29	86	16	102	117	149	49	37	90	55	27.5	UK 210	HS2310	T 210	2.7
210+HA2310	1 11/16																		HA2310		
210+HE2310	1 3/4																		HE2310		
210+H2310																			H2310		
UKT **211+HS2311**	1 7/8	50	25	19	102	64	35	95	22	130	146	171	64	38	106	59	28.5	UK 211	HS2311	T 211	4.0
211+HA2311	1 15/16																		HA2311		
211+H2311																			H2311		
211+HE2311	2																		HE2311		
UKT **212+HS2312**	2 1/8	55	32	19	102	64	35	102	22	130	146	194	64	42	119	62	31	UK 212	HS2312	T 212	4.8
212+H2312																			H2312		
UKT **213+HA2313**	2 3/16	60	32	21	111	70	41	121	26	151	167	224	70	44	137	65	33	UK 213	HA2313	T 213	6.9
213+HE2313	2 1/4																		HE2313		
213+H2313																			H2313		
213+HS2313	2 3/8																		HS2313		
UKT **215+HA2315**	2 7/16	65	32	21	111	70	41	121	26	151	167	232	70	48	140	73	35.5	UK 215	HA2315	T 215	7.6
215+HE2315	2 1/2																		HE2315		
215+H2315																			H2315		
UKT **216+HA2316**	2 11/16	70	32	21	111	70	41	121	26	165	184	235	70	51	140	78	39	UK 216	HA2316	T 216	8.4
216+HE2316	2 3/4																		HE2316		
216+H2316																			H2316		
UKT **217+HA2317**	2 15/16	75	38	29	124	73	48	157	30	173	198	260	73	54	162	82	41	UK217	HA2317	T 217	11.2
217+H2317																			H2317		
217+HE2317	3																		HE2317		
UKT **218+H2318**		80	40	30	130	80	48	140	30	190	215	275	80	55	170	86	42	UK218	H2318	T 218	

UCT X00

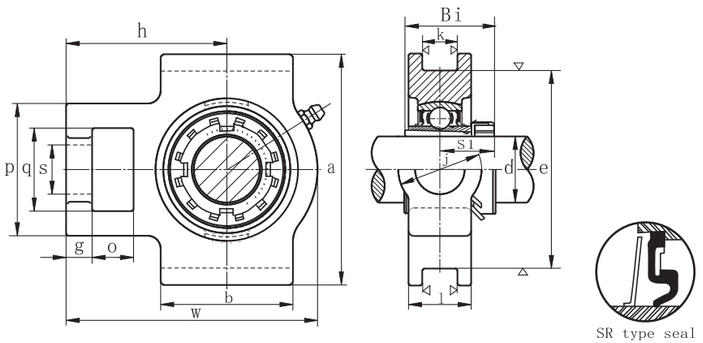
medium metric slot

SR type seal

TRL type seal



Bearing unit No.	Shaft Dia. d (in)	(mm)	Dimensions(mm) o	g	p	q	S	b	k	e	a	w	j	l	h	Bi	n	Bearing No.	Housing No.	Weight (kg)
UCT **X05–14**	7/8	25	16	10	56	37	22	57	12	89	102	113	37	28	70	38.1	15.9	UC X05–14	T X05	1.4
X05–15	15/16																	X05–15		
X05																		X05		
X05–16	1																	X05–16		
UCT **X06–18**	1 1/8	30	16	13	64	37	22	64	12	89	102	129	37	30	78	42.9	17.5	UC X06–18	T X06	1.8
X06																		X06		
X06–19	1 3/16																	X06–19		
X06–20	1 1/4																	X06–20		
UCT **X07–20**	1 1/4	35	19	15	83	49	29	83	16	102	114	144	49	36	88	49.2	19	UC X07–20	T X07	2.7
X07–21	1 5/16																	X07–21		
X07–22	1 3/8																	X07–22		
X07																		X07		
X07–23	1 7/16																	X07–23		
UCT **X08–24**	1 1/2	40	19	15	83	49	29	83	16	102	117	144	49	36	87	49.2	19	UC X08–24	T X08	2.7
X08–25	1 9/16																	X08–25		
X08																		X08		
UCT **X09–26**	1 5/8	45	19	16	83	49	29	86	16	102	117	149	49	38	90	51.6	19	UC X09–26	T X09	2.9
X09–27	1 11/16																	X09–27		
X09–28	1 3/4																	X09–28		
X09																		X09		
UCT **X10–30**	1 7/8	50	25	19	102	64	35	95	22	130	146	171	64	42	106	55.6	22.2	UC X10–30	T X10	4.5
X10–31	1 15/16																	X10–31		
X10																		X10		
X10–32	2																	X10–32		
UCT **X11–32**	2	55	32	19	102	64	35	102	22	130	146	194	64	44	119	65.1	25.4	UC X11–32	T X11	5.3
X11–34	2 1/8																	X11–34		
X11																		X11		
X11–35	2 3/16																	X11–35		
UCT **X12–36**	2 1/4	60	32	21	111	70	41	121	26	151	167	224	70	48	137	65.1	25.4	UC X12–36	T X12	7.4
X12																		X12		
X12–38	2 3/8																	X12–38		
X12–39	2 7/16																	X12–39		
UCT **X13–40**	2 1/2	65	32	21	111	70	41	121	26	151	167	224	70	48	137	74.6	30.2	UC X13–40	T X13	7.6
X13																		X13		
UCT **X14–44**	2 3/4	70	32	21	111	70	41	121	26	151	167	232	70	48	140	77.8	33.3	UC X14–44	T X14	7.9
X14																		X14		
UCT **X15**		75	32	21	111	70	41	121	28	165	184	235	70	48	140	82.6	33.3	UC X15	T X15	8.6
X15–47	2 15/16																	X15–47		
X15–48	3																	X15–48		
UCT **X16**		80	38	28	124	73	48	157	28	173	198	260	73	54	162	85.7	34.1	UC X16	T X16	11.8
X16–50	3 1/8																	X16–50		
UCT **X17–52**	3 1/4	85	38	28	124	73	48	157	28	173	198	260	73	54	162	96.0	39.7	UC X17–52	T X17	11.7
X17																		X17		



UKT X00

medium metric slot

SR type seal

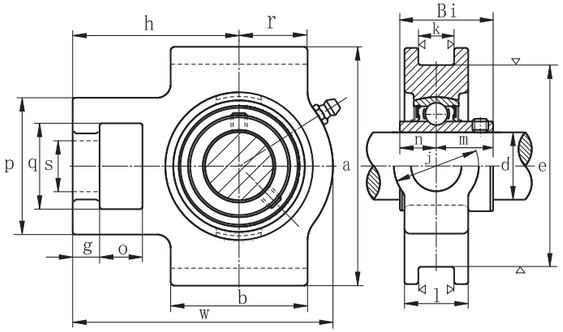
Bearing unit No.	Shaft Dia. d (in)	(mm)	Dimensions(mm) o	g	p	q	s	b	k	e	a	w	j	l	h	Bi	S1	Bearing No.	Adapter Sleeve No.	Housing No.	Weight (kg)
UKT **X05+HE2305**	3/4																		HE2305		
X05+H2305		20	16	10	56	37	22	57	12	89	102	113	37	28	70	35	21	UKX 05	H2305	TX 205	1.3
UKT **X06+HS2306**	7/8																		HS2306		
X06+HA2306	15/16																		HA2306		
X06+H2306		25	16	13	64	37	22	64	12	89	102	129	37	30	78	38	21.5	UKX 06	H2306	TX 06	1.6
X06+HE2306	1																		HE2306		
UKT **X07+HS2307**	1 1/8																		HS2307		
X07+H2307		30	19	15	83	49	29	83	16	102	114	144	49	36	88	43	23.5	UKX 07	H2307	TX 07	2.6
X07+HA2307	1 3/16																		HA2307		
UKT **X08+HE2308**	1 1/4																		HE2308		
X08+HS2308	1 3/8		19	15	83	49	29	83	16	102	117	144	49	36	87	46	25	UKX 08	HS2308	TX 08	2.6
X08+H2308		35																	H2308		
UKT **X09+HA2309**	1 7/16																		HA2309		
X09+HE2309	1 1/2		19	16	83	49	29	86	16	102	117	149	49	38	90	50	26.5	UKX 09	HE2309	TX 09	2.9
X09+H2309		40																	H2309		
UKT **X10+HS2310**	1 5/8																		HS2310		
X10+HA2310	1 11/16																		HA2310		
X10+HE2310	1 3/4		25	19	102	64	35	95	22	130	146	171	64	42	106	55	28.5	UKX 10	HE2310	TX 10	4.4
X10+H2310		45																	H2310		
UKT **X11+HS2311**	1 7/8																		HS2311		
X11+HA2311	1 15/16																		HA2311		
X11+H2311		50	32	19	102	64	35	102	22	130	146	194	64	44	119	59	30	UKX 11	H2311	TX 11	5.3
X11+HE2311	2																		HE2311		
UKT **X12+HS2312**	2 1/8		32	21	111	70	41	121	26	151	167	224	70	48	137	62	32	UKX 12	HS2312	TX 12	7.3
X12+H2312		55																	H2312		
UKT **X13+HA2313**	2 3/16																		HA2313		
X13+HE2313	2 1/4																		HE2313		
X13+H2313		60	32	21	111	70	41	121	26	151	167	224	70	48	137	65	34	UKX 13	H2313	TX 13	7.3
X13+HS2313	2 3/8																		HS2313		
UKT **X15+HA2315**	2 7/16																		HA2315		
X15+HE2315	2 1/2		32	21	111	70	41	121	28	165	184	235	70	48	140	73	37	UKX 15	HE2315	TX 15	8.4
X15+H2315		65																	H2315		
UKT **X16+HA2316**	2 11/16																		HA2316		
X16+HE2316	2 3/4		38	28	124	73	48	157	28	173	198	260	73	54	162	78	40	UKX 16	HE2316	TX 16	11.3
X16+H2316		70																	H2316		
UKT **X17+HA2317**	2 15/16																		HA2317		
X17+H2317		75	38	28	124	73	48	157	28	173	198	260	73	54	162	82	42.5	UKX 17	H2317	TX 17	11.3
X17+HE2317	3																		HE2317		

UCT 300

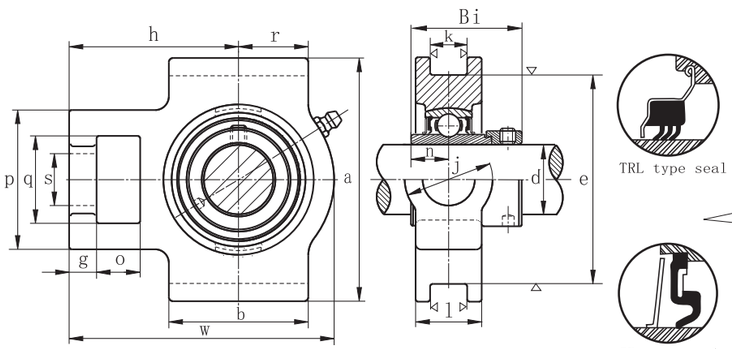
heavy–duty

SR type seal

TRL type seal



Bearing unit No.	Shaft Dia. d (in)	(mm)	Dimensions(in)or(mm) o	g	p	q	S	b	k	e	a	w	j	l	r	h	Bi	n	m	Bearing No.	Housing No.	Weight (kg)
UCT **305**		25	5/8	15/32	2 7/16	1 13/32	1 1/32	2 9/16	15/32	3 5/32	3 1/2	4 13/16	1 13/32	1 1/32	1 13/16	3	1.4961	0.5906	0.9055	UC 305			
305–16	1		16	12	62	36	26	65	12	80	89	122	36	26	46	76	38	15	23	305–16	T 305	1.4	
UCT **306–18**	1 1/8																			UC 306–18			
306		30	23/32	9/16	2 3/4	1 5/8	1 7/64	2 29/32	5/8	3 35/64	3 15/16	5 13/32	1 5/8	1 3/32	2 1/16	3 11/32	1.6929	0.6693	1.0236	306	T 306	1.8	
306–19	1 3/16		18	14	70	41	28	74	16	90	100	137	41	28	52	85	43	17	26	306–19			
306–20	1 1/4																			306–20			
UCT **307–20**	1 1/4																			UC 307–20			
307–22	1 3/8		25/32	19/32	15/16	25/32	1 3/16	3 5/32	5/8	3 15/16	4 3/8	5 29/32	1 25/32	1 1/4	2 7/32	3 11/16	1.8897	0.7480	1.1417	307–22	T 307	2.3	
307		35	20	15	75	45	30	80	16	100	111	150	45	32	56	94	48	19	29	307			
307–23	1 7/16																			307–23			
UCT **308–24**	1 1/2		7/8	21/32	9 3/32	31/32	17/64	1 1/2	45/64	4 13/32	4 7/8	6 3/8	1 31/32	1 11/32	2 7/16	3 15/16	2.0472	0.7480	1.2992	UC 308–24			
308		40	22	17	83	50	32	89	18	112	124	162	50	34	62	100	52	19	33	308	T 308	3.0	
UCT **309–28**	1 3/4		15/16	23/32	17/32	2 3/32	1 1/32	3 13/16	45/64	4 5/64	5 1/16	7	2 5/32	1 1/2	2 11/16	4 11/32	2.2441	0.8661	1.3780	UC 309–28			
309		45	24	18	90	55	34	97	18	125	138	178	55	38	68	110	57	22	35	309	T 309	4.1	
UCT **310–30**	1 7/8																			UC 310–30			
310–31	1 15/16		1 1/16	25/32	27/32	13/32	29/64	4 3/16	25/32	5 33/64	5 15/16	7 17/32	2 13/32	1 9/16	2 29/32	4 19/32	2.4015	0.8661	1.5354	310–31			
310		50	27	20	98	61	37	106	20	140	151	191	61	40	74	117	61	22	39	310	T 310	4.9	
310–32	2																			310–32			
UCT **311–32**	2		5/32	13/16	1/4	1 19/32	1 17/32	4 17/32	55/64	5 29/32	6 13/32	8 5/32	2 19/32	1 23/32	3 5/32	5	2.5984	0.9842	1.6142	UC 311–32			
311		55	29	21	105	66	39	115	22	150	163	207	66	44	80	127	66	25	41	311	T 311	6.1	
UCT **312**		60	7/32	29/32	7 25/32	1 9/32	1 39/64	4 27/32	55/64	6 19/64	7 21/32	8 25/32	2 25/32	1 13/16	3 1/32	5 5/16	2.7953	1.0236	1.7717	UC 312			
312–36	2 1/4		31	23	113	71	41	123	22	160	178	220	71	46	85	135	71	26	45	312–36	T 312	7.6	
UCT **313–40**	2 1/2		1 1/4	1	4 9/16	3/4	1 11/16	5 9/32	1 1/32	6 11/16	7 15/32	9 3/8	3 5/32	1 31/32	3 5/8	5 3/4	2.9528	1.1811	1.7717	UC 313–40			
313		65	32	25	116	70	43	134	26	170	190	238	80	50	92	146	75	30	45	313	T 313	9.3	
UCT **314–44**	2 3/4		1 13/32	1	5 1/8	3 11/32	1 13/16	5 1/2	1 1/32	7 3/16	7 15/16	9 29/32	3 17/32	2 1/16	3 13/16	6 3/32	3.0709	1.2992	1.7717	UC 314–44			
314		70	36	25	130	85	46	140	26	180	202	252	90	52	97	155	78	33	45	314	T 314	11.1	
UCT **315**		75	13/32	1	5 5/16	3 1/32	1 1/16	5 29/32	1 1/32	7 7/16	8 1/2	10 7/16	3 17/32	2 5/32	4 1/32	6 7/16	3.2283	1.2598	1.9685	UC 315			
315–48	3		36	25	132	85	46	150	26	192	216	262	90	55	102	160	82	32	50	315–48	T 315	13	
UCT **316**		80	21/32	3/32	29/32	27/32	2 3/32	6 5/16	3/16	8 1/32	9 1/16	11 3/32	4 1/32	2 3/16	4 1/4	6 27/32	3.3858	1.3386	2.0472	UC 316			
316–50	3 1/8		42	28	150	98	53	160	30	204	230	282	102	60	108	174	86	34	52	316–50	T 316	16.2	
UCT **317**		85	21/32	3/16	31/32	27/32	2 3/32	6 11/16	17/64	8 27/64	9 7/16	11 23/32	4 1/32	2 17/32	4 7/32	7 7/32	3.7795	1.5748	2.2047	UC 317			
317–52	3 1/4		42	30	152	98	53	170	32	214	240	298	102	64	115	183	96	40	56	317–52	T 317	19	
UCT **318–56**	3 1/2		13/16	3/16	6 5/16	3/32	2 1/4	6 7/8	17/64	8 31/32	10 1/32	12 9/32	4 11/32	2 19/32	4 23/32	7 9/16	3.7795	1.5748	2.2047	UC 318–56			
318		90	46	30	160	106	57	175	32	228	255	312	110	66	120	192	96	40	56	318	T 318	21.6	
UCT **319**		95	13/16	1 7/32	6 1/2	4 3/16	2 1/4	7 3/32	1 3/8	9 29/64	10 5/8	12 1/16	4 1/2	2 27/32	4 29/32	7 1/4	4.0551	1.6142	2.4409	UC 319			
319			46	31	165	106	57	180	35	240	270	322	110	72	125	197	103	41	62	319	T 319	24.9	
UCT **320**		100	7/8	1 1/4	6 7/8	4 17/32	2 21/64	7 7/8	1 3/8	10 15/64	11 13/32	13 19/32	4 23/32	2 15/16	5 5/16	8 9/32	4.2519	1.6535	2.5984	UC 320			
320–64	4		48	32	175	115	59	200	35	260	290	345	120	75	135	210	108	42	66	320–64	T 320	30.7	
UCT **322**		110	2 1/16	1 1/2	7 9/32	4 29/32	2 9/16	8 15/32	1 1/2	11 7/32	12 19/32	15 5/32	5 1/8	3 5/32	5 29/32	9 1/4	4.6063	1.8110	2.7958	UC 322			
			52	38	185	125	65	215	38	285	320	385	130	80	150	235	117	46	71		T 322	39.7	
UCT **324**		120	2 3/8	1 21/32	8 9/32	5 1/2	2 3/4	9 1/16	1 49/64	12 19/32	13 31/32	17	5 1/2	3 17/32	6 1/2	10 1/2	4.9606	2.0079	2.9527	UC 324			
			60	42	210	140	70	230	45	320	355	432	140	90	165	267	126	51	75		T 324	54.4	
UCT **326**		130	2 9/16	1 25/32	8 21/32	5 29/32	2 61/64	9 7/16	1 31/32	13 25/32	15 5/32	18 5/16	5 29/32	3 15/16	7 3/32	11 7/32	5.3150	2.1260	3.1890	UC 326			
			65	45	220	150	75	240	50	350	385	465	150	100	180	285	135	54	81		T 326	69.3	
UCT **328**		140	2 3/4	1 31/32	9 1/16	6 5/16	3 5/32	10 1/32	1 31/32	14 61/64	16 11/32	20 9/32	6 3/32	3 15/16	7 7/8	12 13/32	5.7086	2.3228	3.3858	UC 328			
			70	50	230	160	80	255	50	380	415	515	155	100	200	315	145	59	86		T 328	85.1	



EWT 300 =

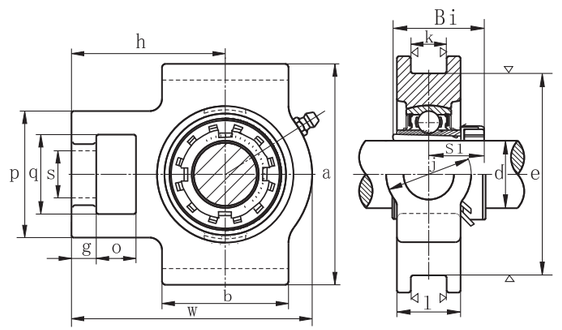
HCT 300

heavy–duty

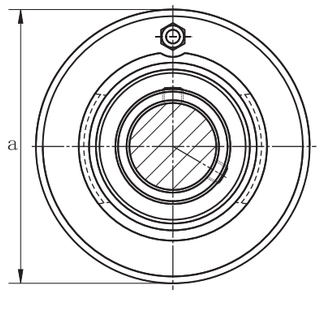
Bearing unit No.	Shaft Dia. d (in)	(mm)	Dimensions(in)or(mm) o	g	p	q	s	b	k	e	a	w	j	l	r	h	Bi	n	Bearing No.	Housing No.	Weight (kg)
HCT 305		25	5/16	15/32	2 7/16	1 13/32	1 1/32	2 9/16	15/32	3 5/32	3 1/2	4 13/16	1 13/32	1 1/32	1 13/16	3	1.8425	0.6575	HC 305	T 305	1.41
305–16	1		16	12	62	36	26	65	12	80	89	122	36	26	46	76	46.8	16.7	305–16		
HCT 306–18	1 1/8																		HC 306–18		
306		30	23/32	9/16	2 3/4	1 5/8	1 7/64	2 29/32	5/8	3 35/64	3 15/16	5 13/32	1 5/8	1 3/32	2 1/16	3 11/32	1.9685	0.6890	306	T 306	1.9
306–19	1 3/16		18	14	70	41	28	74	16	90	100	137	41	28	52	85	50	17.5	306–19		
306–20	1 1/4																		306–20		
HCT 307–20	1 1/4																		HC 307–20		
307–22	1 3/8		25/32	19/32	15/16	25/32	1 3/16	3 5/32	5/8	3 15/16	4 3/8	5 29/32	1 25/32	1 1/4	2 7/32	3 11/16	2.0315	0.7205	307–22	T 307	2.33
307		35	20	15	75	45	30	80	16	100	111	150	45	32	56	94	51.6	18.3	307		
307–23	1 7/16																		307–23		
HCT 308–24	1 1/2		7/8	21/32	3 9/32	1 31/32	1 17/64	3 1/2	45/64	4 13/32	4 7/8	6 3/8	1 31/32	1 11/32	2 7/16	3 15/16	2.2480	0.7795	HC 308–24	T 308	3.12
308		40	22	17	83	50	32	89	18	112	124	162	50	34	62	100	57.1	19.8	308		
HCT 309–28	1 3/4		15/16	23/32	3 17/32	2 5/32	1 11/32	3 13/16	45/64	4 59/64	5 7/16	7	2 5/32	1 1/2	2 11/16	4 11/32	2.3110	0.7795	HC 309–28	T 309	4.22
309		45	24	18	90	55	34	97	18	125	138	178	55	38	68	110	58.7	19.8	309		
HCT 310–30	1 7/8																		HC 310–30		
310–31	1 15/16		1 1/16	25/32	27/32	1 13/32	1 29/64	4 3/16	25/32	5 33/64	5 15/16	7 17/32	2 13/32	1 9/16	2 29/32	4 19/32	2.6220	0.9685	310–31	T 310	5.07
310		50	27	20	98	61	37	106	20	140	151	191	61	40	74	117	66.6	24.6	310		
310–32	2																		310–32		
HCT 311–32	2		5/32	13/16	4 1/8	2 19/32	1 17/32	4 17/32	55/64	5 29/32	6 13/32	8 5/32	2 19/32	1 23/32	3 5/32	5	2.8740	1.0945	HC 311–32	T 311	6.5
311		55	29	21	105	66	39	115	22	150	163	207	66	44	80	127	73	27.8	311		
HCT 312		60	7/32	29/32	7 4/16	2 25/32	1 39/64	4 27/64	55/64	6 19/64	7	8 21/32	2 25/32	1 13/16	3 11/32	5 5/16	3.1260	1.2185	HC 312	T 312	7.89
312–36	2 1/4		31	23	113	71	41	123	22	160	178	220	71	46	85	135	79.4	30.95	312–36		
HCT 313–40	2 1/2		1/4	1	9/16	3/4	1 1/16	5 9/32	1/2	6 1/16	7 15/32	9 3/8	3 5/32	1 31/32	3 5/8	5 1/4	3.3740	1.2795	HC 313–40	T 313	9.8
313		65	32	25	116	70	43	134	26	170	190	238	80	50	92	146	85.7	32.5	313		
HCT 314–44	2 3/4		13/32	1	5 1/8	1 31/32	1 13/16	5 1/2	1/2	7 3/32	7 15/16	9 29/32	3 17/32	2 1/16	3 13/16	6 3/32	3.6260	1.3445	HC 314–44	T 314	11.7
314		70	36	25	130	85	46	140	26	180	202	252	90	52	97	155	92.1	34.15	314		
HCT 315		75	13/32	1	5 3/16	3 11/32	3 13/16	5 29/32	1/2	7 9/16	8 1/2	10 5/16	3 17/32	2 5/32	4 1/32	6 5/16	3.9370	1.4685	HC 315	T 315	13.64
315–48	3		36	25	132	55	46	150	26	192	216	262	90	55	102	160	100	37.3	315–48		
HCT 316		80	21/32	1/32	29/32	3 27/32	2 3/32	6 5/16	3/16	8 1/32	9 1/16	11 3/32	4 1/32	2 3/8	4 1/4	6 7/32	4.1890	1.5945	HC 316	T 316	17.3
316–50	3 1/8		42	28	150	98	53	160	30	204	230	282	102	60	108	174	106.4	40.5	316–50		
HCT 317		85	21/32	3/16	31/32	3 27/32	2 3/32	6 11/16	17/64	8 27/64	9 7/16	11 23/32	4 1/32	2 17/32	4 17/32	7 7/32	4.3110	1.6535	HC 317	T 317	20.13
317–52	3 1/4		42	30	152	98	53	170	32	214	240	298	102	64	115	183	109.5	42	317–52		
HCT 318–56	3 1/2		13/16	3/16	5/16	4 4/16	2 1/4	7 1/64	17/64	8 31/64	10 1/32	12 9/32	4 11/32	2 19/32	4 23/32	7 9/16	4.5630	1.7165	HC 318–56	T 318	22.67
318		90	46	30	160	106	57	175	32	228	255	312	110	66	120	192	115.9	43.6	318		
HCT 319		95	13/16	7/32	6 1/2	4 4/16	2 1/4	7 3/32	3/16	9 29/64	10 5/16	12 11/16	4 11/32	2 27/32	4 29/32	7 7/4	4.8150	1.8425	HC 319	T 319	26.39
			46	31	165	106	57	180	35	240	270	322	110	72	125	197	122.3	46.8			
HCT 320		100	7/8	1/4	6 7/8	4 17/32	2 21/64	7 7/8	3/16	10 15/64	11 13/32	13 19/32	4 23/32	2 15/16	5 5/16	8 9/32	5.0630	1.9685	HC 320	T 320	32.5
320–64	4		48	32	175	115	59	200	35	260	290	345	120	75	135	210	128.6	50	320–64		

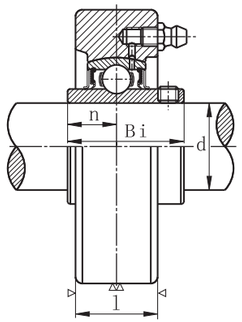
UKT 300

heavy–duty



Bearing unit No.	Shaft Dia. d (in)	(mm)	Dimensions(in)or(mm) o	g	p	q	S	b	k	e	a	w	j	l	h	Bi	S1	Bearing No.	Adapter Sleeve No.	Housing weight No.	(kg)
UKT 305+HE2305	3/4		5/8	15/32	2 7/16	1 13/32	1 1/32	2 9/16	15/32	3 5/32	3 1/2	4 13/16	1 13/32	1 1/32	3	1.3778	0.7677	UK 305	HE2305	T 305	1.5
305+H2305		20	16	12	62	36	26	65	12	80	89	122	36	26	76	35	19.5		H2305		
UKT 306+HS2306	7/8		23/32	9/16	2 3/4	1 5/8	1 7/64	2 29/32	5/8	3 35/64	3 15/16	5 13/32	1 5/8	1 3/32	3 11/32	1.4960	0.8268	UK 306	HS2306	T 306	1.9
306+HA2306	15/16																		HA2306		
306+H2306		25	18	14	70	41	28	74	16	90	100	137	41	28	85	38	21		H2306		
306+HE2306	1																		HE2306		
UKT 307+HS2307	1 1/8		25/32	19/32	15/16	25/32	1 3/16	3 5/32	5/8	3 15/16	4 3/8	5 29/32	1 25/32	1 1/4	3 11/16	1.6929	0.8858	UK 307	HS2307	T 307	2.4
307+H2307		30	20	15	75	45	30	80	16	100	111	150	45	32	94	43	22.5		H2307		
307+HA2307	1 3/16																		HA2307		
UKT 308+HE2308	1 1/4		7/8	21/32	3 9/32	1 31/32	1 17/64	3 1/2	45/64	4 13/32	4 7/8	6 3/8	1 31/32	1 11/32	3 15/16	1.8110	0.9646	UK 308	HE2308	T 308	3.0
308+HS2308	1 3/8		22	17	83	50	32	89	18	112	124	162	50	34	100	46	24.5		HS2308		
308+H2308		35																	H2308		
UKT 309+HA2309	1 7/16		15/16	23/32	3 17/32	2 5/32	1 11/32	3 13/16	45/64	4 59/64	5 7/16	7	2 5/32	1 1/2	4 11/32	1.9685	1.0236	UK 309	HA2309	T 309	4.2
309+HE2309	1 1/2		24	18	90	55	34	97	18	125	138	178	55	38	110	50	26		HE2309		
309+H2309		40																	H2309		
UKT 310+HS2310	1 5/8		1 1/16	25/32	27/32	1 13/32	1 29/64	4 3/16	25/32	5 33/64	5 15/16	7 17/32	2 13/32	1 9/16	4 19/32	2.1654	1.0827	UK 310	HS2310	T 310	5.0
310+HA2310	1 11/16																		HA2310		
310+HE2310	1 3/4		27	20	98	61	37	106	20	140	151	191	61	40	117	55	27.5		HE2310		
310+H2310		45																	H2310		
UKT 311+HS2311	1 7/8		1 5/32	13/16	4 1/8	1 19/32	1 17/32	4 17/32	55/64	5 29/32	6 13/32	8 5/32	2 19/32	1 23/32	5	2.3228	1.1221	UK 311	HS2311	T 311	6.4
311+HA2311	1 15/16																		HA2311		
311+H2311		50	29	21	105	66	39	115	22	150	163	207	66	44	127	59	28.5		H2311		
311+HE2311	2																		HE2311		
UKT 312+HS2312	2 1/8		1 7/32	29/32	7 4/16	2 25/32	1 39/64	4 27/64	55/64	6 19/64	7	8 21/32	2 25/32	1 13/16	5 5/16	2.4409	1.2205	UK 312	HS2312	T 312	7.5
312+H2312		55	31	23	113	71	41	123	22	160	178	220	71	46	135	62	31		H2312		
UKT 313+HA2313	2 3/16		1 1/4	1	9/4 16	3/4	1 11/16	5 9/32	1/2	6 11/16	7 15/32	9 3/8	3 5/32	1 31/32	5 3/4	2.5591	1.2992	UK 313	HA2313	T 313	9.4
313+HE2313	2 1/4																		HE2313		
313+H2313		60	32	25	116	70	43	134	26	170	190	238	80	50	146	65	33		H2313		
313+HS2313	2 3/8																		HS2313		
UKT 315+HA2315	2 7/16		1 13/32	1	5 3/16	1 11/32	1 13/16	5 29/32	1/2	7 9/16	8 1/2	10 5/16	3 17/32	2 5/32	6 5/16	2.8740	1.3976	UK 315	HA2315	T 315	13.1
315+HE2315	2 1/2		36	25	132	85	46	150	26	192	216	262	90	55	160	73	35.5		HE2315		
315+H2315		65																	H2315		
UKT 316+HA2316	2 11/16		21/32	3/32	5/32	1 27/32	2 3/32	6 5/16	1 3/16	8 1/32	9 1/16	11 3/32	4 1/32	2 3/8	6 7/32	3.0709	1.5354	UK 316	HA2316	T 316	16.3
316+HE2316	2 3/4																		HE2316		
316+H2316		70	42	28	150	98	53	160	30	204	230	282	102	60	174	78	39		H2316		
UKT 317+HA2317	2 15/16		21/32	3/16	31/32	3 27/32	2 3/32	6 11/16	17/64	8 27/64	9 7/16	11 23/32	4 1/32	2 17/32	7 7/32	3.2283	1.6142	UK 317	HA2317	T 317	18.9
317+H2317		75	42	30	152	98	53	170	32	214	240	298	102	64	183	82	41		H2317		
317+HE2317	3																		HE2317		
UKT 318+H2318		80	13/16	3/16	6 5/16	4 3/16	2 1/4	7 1/16	17/64	8 31/64	10 1/32	12 9/32	4 1/32	2 19/32	7 9/16	3.3858	1.6535	UK 318	H2318	T 318	21.7
			46	30	160	106	57	175	32	228	255	312	110	66	192	86	42				
UKT 319+H2319		85	13/16	7/32	6 1/2	4 3/16	2 1/4	7 3/32	3/16	9 29/64	10 5/16	12 11/16	4 1/32	2 27/32	7 3/4	3.5433	2.0472	UK 319	H2319	T 319	25.2
			46	31	165	106	57	180	35	240	270	322	110	72	197	90	52				
UKT 320+HE2320	3 1/2		7/8	1/4	6 7/8	4 17/32	2 21/64	7 7/8	3/16	10 15/64	11 13/32	13 19/32	4 23/32	2 15/16	8 9/32	3.8189	2.2047	UK 320	HE2320	T 320	30.4
320+H2320		90	48	32	175	115	59	200	35	260	290	345	120	75	210	97	56		H2320		
UKT 322+H2322		100	2 1/16	1 1/2	7 9/32	4 25/32	2 9/16	8 15/32	1 1/2	11 1/32	12 19/32	15 5/32	5 1/8	3 5/32	9 1/4	4.1339	2.4016	UK 322	H2322	T 322	39.5
			52	38	185	125	65	215	38	285	320	385	130	80	235	105	61				
UKT 324+H2324		110	2 3/8	1 1/32	8 1/32	5 1/2	2 3/4	9 1/16	1 49/64	12 13/32	13 1/32	17	5 1/2	3 17/32	10 1/2	4.4094	2.5590	UK 324	H2324	T 324	54.7
			60	42	210	140	70	230	45	320	355	432	140	90	267	112	65				
UKT 326+H2326		115	2 9/16	1 25/32	8 21/32	5 29/32	2 61/64	9 7/16	1 31/32	13 25/32	15 5/32	18 5/16	5 29/32	3 15/16	11 7/32	4.7638	2.7165	UK 326	H2326	T 326	69.1
			65	45	220	150	75	240	50	350	385	465	150	100	285	121	69				
UKT 328+H2328		125	2 3/4	1 31/32	9 1/16	6 5/16	3 5/32	10 1/32	1 31/32	14 61/64	16 11/32	20 9/32	6 3/32	3 15/16	12 13/32	5.1575	2.8740	UK 328	H2328	T 328	85.1
			70	50	230	160	80	255	50	380	415	515	155	100	315	131	73				





TRL type seal

SR type seal

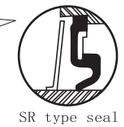
UCC 200

normal-duty

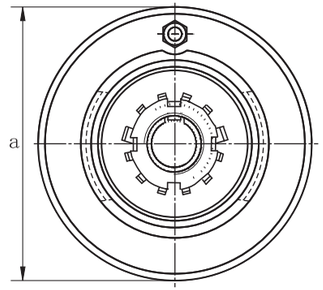
Bearing unit No.	Shaft Dia. d (in) (mm)	Dimensions(in)or(mm) a	l	Bi	n	Housing No.	Bearing No.	weight (kg)
UCC **201**	12	2.8346	25/32	1.2205	0.5000	UC201	C 201	0.50
201-8	1/2	72	20	31.0	12.7	201-8		
UCC **202**	15	2.8346	25/32	1.2205	0.5000	UC202	C 202	0.50
202-10	5/8	72	20	31.0	12.7	202-10		
UCC **203**	17	2.8346	25/32	1.2205	0.5000	UC203	C 203	0.50
203-11	11/16	72	20	31.0	12.7	203-11		
UCC **204-12**	3/4	2.8346	25/32	1.2205	0.5000	UC204-12	C 204	0.50
204	20	72	20	31.0	12.7	204		
UCC **205-14**	7/8					UC205-14		
205-15	15/16	3.1496	55/64	1.3386	0.5630	205-15	C 205	0.64
205	25	80	22	34	14.3	205		
205-16	1					205-16		
UCC **206-18**	1 1/8					UC206-18		
206	30	3.3465	1 1/16	1.5000	0.6260	206	C 206	0.81
206-19	1 3/16	85	27	38.1	15.9	206-19		
206-20	1 1/4					206-20		
UCC **207-20**	1 1/4					UC207-20		
207-21	1 5/16					207-21		
207-22	1 3/8	3.5433	1 7/64	1.6890	0.6890	207-22	C 207	0.93
207	35	90	28	42.9	17.5	207		
207-23	1 7/16					207-23		
UCC **208-24**	1 1/2					UC208-24		
208-25	1 9/16	3.9370	1 3/16	1.9370	0.7480	208-25	C 208	1.2
208	40	100	30	49.2	19.0	208		
UCC **209-26**	1 5/8					UC209-26		
209-27	1 11/16	4.3307	1 7/32	1.9370	0.7480	209-27	C 209	1.5
209-28	1 3/4	110	31	49.2	19.0	209-28		
209	45					209		
UCC **210-30**	1 7/8					UC210-30		
210-31	1 15/16	4.7244	1 19/64	2.0315	0.7480	210-31	C 210	2.0
210	50	120	33	51.6	19.0	210		
210-32	2					210-32		
UCC **211-32**	2					UC211-32		
211-34	2 1/8	4.9213	3/8	2.1890	0.8740	211-34	C 211	2.2
211	55	125	35	55.6	22.2	211		
211-35	2 3/16					211-35		
UCC **212-36**	2 1/4					UC212-36		
212	60	5.1181	1 1/2	2.5630	1.0000	212	C 212	2.6
212-38	2 3/8	130	38	65.1	25.4	212-38		
212-39	2 7/16					212-39		
UCC **213-40**	2 1/2	5.5118	1 37/64	2.5630	1.0000	UC213-40	C 213	3.0
213	65	140	40	65.1	25.4	213		

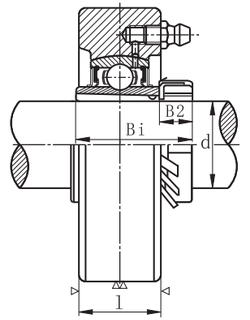
UKC 200

normal-duty

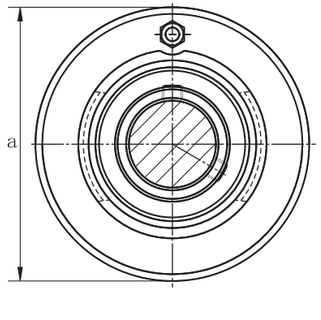


SR type seal





Bearing unit No.	Shaft Dia. d (in) (mm)	Dimensions(in)or(mm) a	l	Bi	B2	Housing No.	Adapter Sleeve No.	Bearing No.	weight (kg)
UKC **205+HE2305**	3/4	3.1496	55/64	1.3779	0.3150	UK 205	HE2305	C 205	0.7
205+H2305	20	80	22	35	8		H2305		
UKC **206+HS2306**	7/8						HS2306		
206+HA2306	15/16	3.3465	1 1/16	1.4961	0.3150	UK 206	HA2306	C 206	0.9
206+H2306	25	85	27	38	8		H2306		
206+HE2306	1						HE2306		
UKC **207+HS2307**	1 1/8	3.5433	1 7/64	1.6939	0.3543	UK 207	HS2307	C 207	0.99
207+H2307	30	90	28	43	9		H2307		
207+HA2307	1 3/16						HA2307		
UKC **208+HE2308**	1 1/4	3.9370	1 3/16	1.8110	0.3937	UK 208	HE2308	C 208	1.3
208+HS2308	1 3/8	100	30	46	10		HS2308		
208+H2308	35						H2308		
UKC **209+HA2309**	1 7/16	4.3307	1 7/32	1.9685	0.4330	UK 209	HA2309	C 209	1.7
209+HE2309	1 1/2	110	31	50	11		HE2309		
209+H2309	40						H2309		
UKC **210+HS2310**	1 5/8						HS2310		
210+HA2310	1 11/16	4.7244	1 19/64	2.1654	0.4724	UK 210	HA2310	C 210	2.1
210+HE2310	1 3/4	120	33	55	12		HE2310		
210+H2310	45						H2310		
UKC **211+HS2311**	1 7/8						HS2311		
211+HA2311	1 15/16	4.9213	1 3/8	2.3228	0.4724	UK 211	HA2311	C 211	2.3
211+H2311	50	125	35	59	12		H2311		
211+HE2311	2						HE2311		
UKC **212+HS2312**	2 1/8	5.1181	1 1/2	2.4409	0.5118	UK 212	HS2312	C 212	2.6
212+H2312	55	130	38	62	13		H2312		
UKC **213+HA2313**	2 3/16	5.5118	1 37/64	2.5591	0.5512	UK 213	HA2313	C 213	3.1
213+HE2313	2 1/4						HE2313		
213+H2313	60	140	40	65	14		H2313		
213+HS2313	2 3/8						HS2313		



TRL type seal

SR type seal

UCC X00

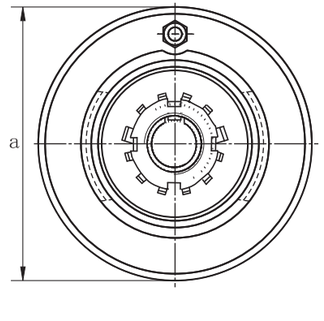
medium-duty

Bearing unit No.	Shaft Dia. d (in)	(mm)	Dimensions(in)or(mm) a	l	Bi	n	Bearing No.	Housing No.	weight (kg)
UCC X05-14	7/8						UCX05-14		
X05-15	15/16		3.5433	1 1/16	1.5000	0.6260	X05-15		
X05		25					X05	C X 05	1.0
X05-16	1		90	27	38.1	15.9	X05-16		
UCC X06-18	1 1/8						UCX06-18		
X06		30	3.9370	1 3/16	1.6890	0.6890	X06	C X 06	1.3
X06-19	1 3/16		100	30	42.9	17.5	X06-19		
X06-20	1 1/4						X06-20		
UCC X07-20	1 1/4						UCX07-20		
X07-21	1 5/16						X07-21		
X07-22	1 3/8		4.3307	1 11/32	1.9370	0.7480	X07-22	C X 07	1.9
X07		35	110	34	49.2	19.0	X07		
X07-23	1 7/16						X07-23		
UCC X08-24	1 1/2						UCX08-24		
X08-25	1 9/16		4.7244	1 1/2	1.9370	0.7480	X08-25	C X 08	2.3
X08		40	120	38	49.2	19.0	X08		
UCC X09-26	1 5/8						UCX09-26		
X09-27	1 11/16		4.7244	1 1/2	2.0315	0.7480	X09-27		
X09-28	1 3/4		120	38	51.6	19.0	X09-28	C X 09	2.3
X09		45					X09		
UCC X10-30	1 7/8						UCX10-30		
X10-31	1 15/16		5.1181	1 37/64	2.1890	0.8740	X10-31		
X10		50	130	40	55.6	22.2	X10	C X 10	2.8
X10-32	2						X10-32		
UCC X11-32	2						UCX11-32		
X11-34	2 1/8		5.9055	1 21/32	2.5630	1.0000	X11-34		
X11		55	150	42	65.1	25.4	X11	C X 11	4.7
X11-35	2 3/16						X11-35		
UCC X12-36	2 1/4						UCX12-36		
X12		60	6.2992	1 47/64	2.5630	1.0000	X12	C X 12	5.1
X12-38	2 3/8		160	44	65.1	25.4	X12-38		
X12-39	2 7/16						X12-39		

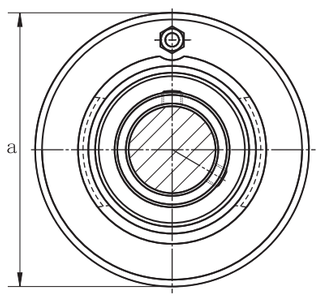
UKC X00

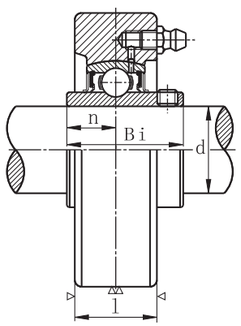
medium-duty

SR type seal



Bearing unit No.	Shaft Dia. d (in)	(mm)	Dimensions(in)or(mm) a	l	Bi	B2	Bearing No.	Adapter Sleeve No.	Housing No.	weight (kg)
UKC X05+HE2305	3/4							HE2305		
			3.5433	1 1/16	1.37796	0.3150				
X05+H2305		20	90	27	35	8	UK X05	H2305	C X05	1.0
UKC X06+HS2306	7/8							HS2306		
X06+HA2306	15/16		3.9370	1 3/16	1.4961	0.3150		HA2306		
X06+H2306		25	100	30	38	8	UK X06	H2306	C X06	1.4
X06+HE2306	1							HE2306		
UKC X07+HS2307	1 1/8							HS2307		
			4.3307	1 11/32	1.6939	0.3543				
X07+H2307		30	110	34	43	9	UK X07	H2307	C X07	1.8
X07+HA2307	1 3/16							HA2307		
UKC X08+HE2308	1 1/4							HE2308		
			4.7244	1 1/2	1.8110	0.3937				
X08+HS2308	1 3/8		120	38	46	10	UK X08	HS2308	C X 08	2.3
X08+H2308		35						H2308		
UKC X09+HA2309	1 7/16							HA2309		
			4.7244	1 1/2	1.9685	0.4330				
X09+HE2309	1 1/2		120	38	50	11	UK X09	HE2309	C X09	2.3
X09+H2309		40						H2309		
UKC X10+HS2310	1 5/8							HS2310		
X10+HA2310	1 11/16		5.1181	1 37/64	2.1654	0.4724		HA2310		
X10+HE2310	1 3/4		130	40	55	12	UK X10	HE2310	C X10	2.8
X10+H2310		45						H2310		
UKC X11+HS2311	1 7/8							HS2311		
X11+HA2311	1 15/16		5.9055	1 21/32	2.3228	0.4724		HA2311		
X11+H2311		50	150	42	59	12	UK X11	H2311	C X11	4.6
X11+HE2311	2							HE2311		
UKC X12+HS2312	2 1/8		6.2992	1 47/64	2.4409	0.5118	UK X12	HS2312	C X12	5.1
X12+H2312		55	160	44	62	13		H2312		





TRL type seal

SR type seal

UCC 300

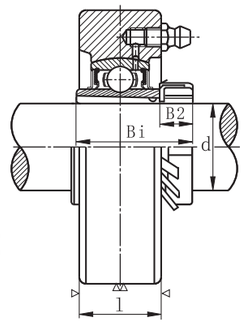
heavy-duty

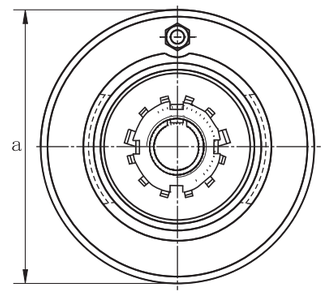
Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	l	Bi	n	Bearing No.	Housing No.	Weight (kg)
UCC 305–14	7/8						UC 305–14		
305–15	15/16		3.5433	1 1/32	1.4961	0.5906	305–15		
305		25	90	26	38	15	305	C 305	1.1
305–16	1						305–16		
UCC 306–18	1 1/8						UC 306–18		
306		30	3.9370	1 7/64	1.6929	0.6693	306	C 306	1.3
306–19	1 3/16		100	28	43	17	306–19		
306–20	1 1/4						306–20		
UCC 307–20	1 1/4						UC 307–20		
307–21	1 5/16		4.3307	1 17/64	1.8897	0.7480	307–21		
307–22	1 3/8						307–22	C 307	1.8
307		35	110	32	48	19	307		
307–23	1 7/16						307–23		
UCC 308–24	1 1/2						UC 308–24		
308–25	1 9/16		4.7244	1 11/32	2.0472	0.7480	308–25		
308		40	120	34	52	19	308	C 308	2.2
UCC 309–26	1 5/8						UC 309–26		
309–27	1 11/16		5.1181	1 1/2	2.2441	0.8661	309–27		
309–28	1 3/4						309–28	C 309	2.7
309		45	130	38	57	22	309		
UCC 310–30	1 7/8						UC 310–30		
310–31	1 15/16		5.5118	1 37/64	2.4015	0.8661	310–31		
310		50	140	40	61	22	310	C 310	3.3
310–32	2						310–32		
UCC 311–32	2						UC 311–32		
311–34	2 1/8		5.9055	1 47/64	2.5984	0.9842	311–34		
311		55	150	44	66	25	311	C 311	3.9
311–35	2 3/16						311–35		
UCC 312–36	2 1/4						UC 312–36		
312		60	6.2992	1 13/16	2.7953	1.0236	312	C 312	4.8
312–38	2 3/8		160	46	71	26	312–38		
312–39	2 7/16						312–39		
UCC 313–40	2 1/2		6.6929	1 31/32	2.9528	1.1881	UC 313–40	C 313	5.7
313		65	170	50	75	30	313		
UCC 314–44	2 3/4		7.0866	2 3/64	3.0709	1.2992	UC 314–44	C 314	6.6
314		70	180	52	78	33	314		
UCC 315		75	7.4803	2 11/64	3.2283	1.2598	UC 315	C 315	7.7
315–48	3		190	55	82	32	315–48		
UCC 316		80	7.8740	2 23/64	3.3858	1.3386	UC 316	C 316	8.9
316–50	3 1/8		200	60	86	34	316–50		
UCC 317		85	8.4646	2 33/64	3.7795	1.5748	UC 317	C 317	11.2
			215	64	96	40			
UCC 318–56	3 1/2		8.8583	2 19/32	3.7795	1.5748	UC 318–56	C 318	12.3
318		90	225	66	96	40	318		
UCC 319		95	9.4488	2 53/64	4.0551	1.6142	UC 319	C 319	15.2
			240	72	103	41			
UCC 320		100	10.2362	2 61/64	4.2519	1.6535	UC 320	C 320	19.2
320–64	4		260	75	108	42	320–64		
UCC 322		110	11.8110	3 5/32	4.6063	1.8110	UC 322	C 322	28.1
			300	80	117	46			
UCC 324		120	12.5984	3 35/64	4.9606	2.0079	UC 324	C 324	35.0
			320	90	126	51			
UCC 326		130	13.3858	3 15/16	5.3150	2.1260	UC 326	C 326	42.2
			340	100	135	54			
UCC 328		140	14.1732	3 15/16	5.7086	2.3228	UC 328	C 328	48.9
			360	100	145	59			

UKC 300

heavy-duty

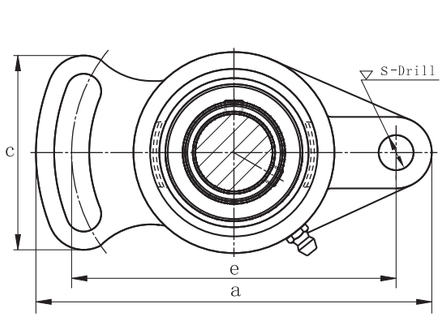
SR type seal

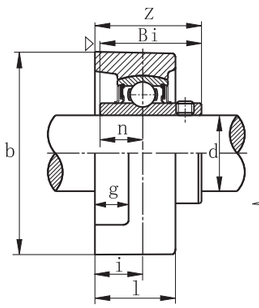




Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	l	Bi	B2	Bearing No.	Adapter Sleeve No.	Housing No.	weight (kg)
UKC 305+HE2305	3/4							HE2305		
305+H2305		20	3.5433	1 1/32	1.37796	0.3150	UK 305	H2305	C 305	1.1
UKC 306+HS2306	7/8		90	26	35	8		HS2306		
306+HA2306	15/16		3.9370	1 7/64	1.4961	0.3150		HA2306		
306+H2306		25	100	28	38	8	UK 306	H2306	C 306	1.4
306+HE2306	1							HE2306		
UKC 307+HS2307	1 1/8							HS2307		
307+H2307		30	4.3307	1 17/64	1.6939	0.3543	UK 307	H2307	C 307	1.8
307+HA2307	1 3/16		110	32	43	9		HA2307		
UKC 308+HE2308	1 1/4							HE2308		
308+HS2308	1 3/8		4.7244	1 11/32	1.8110	0.3937		HS2308		
308+H2308		35	120	34	46	10	UK 308	H2308	C 308	2.2
UKC 309+HA2309	1 7/16							HA2309		
309+HE2309	1 1/2		5.1181	1 1/2	1.9685	0.4330		HE2309		
309+H2309		40	130	38	50	11	UK 309	H2309	C 309	2.7
UKC 310+HS2310	1 5/8							HS2310		
310+HA2310	1 11/16		5.5118	1 37/64	2.1654	0.4724		HA2310		
310+HE2310	1 3/4							HE2310		
310+H2310		45	140	40	55	12	UK 310	H2310	C 310	3.3
UKC 311+HS2311	1 7/8							HS2311		
311+HA2311	1 15/16		5.9055	1 47/64	2.3228	0.4724		HA2311		
311+H2311		50	150	44	59	12	UK 311	H2311	C 311	3.9
311+HE2311	2							HE2311		
UKC 312+HS2312	2 1/8							HS2312		
312+H2312		55	6.2992	1 13/16	2.4409	0.5118	UK 312	H2312	C 312	4.7
UKC 313+HA2313	2 3/16		160	46	62	13		HA2313		
313+HE2313	2 1/4		6.6929	1 31/32	2.5591	0.5512		HE2313		
313+H2313		60	170	50	65	14	UK 313	H2313	C 313	5.6
313+HS2313	2 3/8							HS2313		
UKC 315+HA2315	2 7/16							HA2315		
315+HE2315	2 1/2		7.4803	2 11/64	2.8740	0.5906		HE2315		
315+H2315		65	190	55	73	15	UK 315	H2315	C 315	7.8
UKC 316+HA2316	2 11/16							HA2316		
316+HE2316	2 3/4		7.8740	2 23/64	3.0709	0.6693		HE2316		
316+H2316		70	200	60	78	17	UK 316	H2316	C 316	9.1
UKC 317+HA2317	2 15/16							HA2317		
317+H2317		75	8.4646	2 33/64	3.2283	0.7087		H2317		
317+HE2317	3		215	64	82	18	UK 317	HE2317	C 317	11.2
UKC 318+H2318		80	8.8583	2 19/32	3.3858	0.7087	UK 318	H2318	C 318	12.5
			225	66	86	18				
UKC 319+HE2319	3 1/4		9.4488	2 53/64	3.5433	0.7480		HE2319		
319+H2319		85	240	72	90	19	UK 319	H2319	C 319	15.2
UKC 320+HE2320	3 1/2		10.2363	2 61/64	3.8189	0.7874		HE2320		
320+H2320		90	260	75	97	20	UK 320	H2320	C 320	19.2
UKC 322+H2322		100	11.8110	3 5/32	4.1339	0.8268	UK 322	H2322	C 322	28.2
			300	80	105	21				
UKC 324+H2324		110	12.5984	3 35/64	4.4094	0.8661	UK 324	H2324	C 324	34.5
			320	90	112	22				
UKC 326+H2326		115	13.3858	3 15/16	4.7638	0.9055	UK 326	H2326	C 326	42.5
			340	100	121	23				
UKC 328+H2328		125	14.1732	3 15/16	5.1575	0.9843	UK 328	H2328	C 328	49.2
			360	100	131	25				

Adjustable Flange Units





UCFA 200

normal–duty

SR type seal

TRL type seal

Bearing unit No.	Shaft Dia. d (in)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	s	b	z	c	Bi	n	Bolt used (mm)	(in)	Bearing No.	Housing No.	Weight (kg)
UCFA **201**		12	4 1/64	3 5/64	19/32	15/32	1 1/25	25/64	2 23/64	1 5/16	1 31/32	1.2205	0.5000	M8	5/16	UC 201		
201–8	1/2		102	78	15	12	25.5	10	60	33.3	50	31.0	12.7			201–8	FA 201	0.47
UCFA **202**		15	4 1/64	3 5/64	19/32	15/32	1 1/25	25/64	2 23/64	1 5/16	1 31/32	1.2205	0.5000	M8	5/16	UC 202		
202–10	5/8		102	78	15	12	25.5	10	60	33.3	50	31.0	12.7			202–10	FA 202	0.47
UCFA **203**		17	4 1/64	3 5/64	19/32	15/32	1 1/25	25/64	2 23/64	1 5/16	1 31/32	1.2205	0.5000	M8	5/16	UC 203		
203–11	11/16		102	78	15	12	25.5	10	60	33.3	50	31.0	12.7			203–11	FA 203	0.47
UCFA **204–12**	3/4		4 1/64	3 5/64	19/32	15/32	1 1/25	25/64	2 23/64	1 5/16	1 31/32	1.2205	0.5000	M8	5/16	UC 204–12		
204		20	102	78	15	12	25.5	10	60	33.3	50	31.0	12.7			204	FA 204	0.47
UCFA **205–14**	7/8															UC 205–14		
205–15	15/16		4 59/64	3 55/64	5/8	35/64	1 1/16	15/32	2 11/16	1 13/32	2 9/16	1.3386	0.5630	M10	3/8	205–15		
205		25	125	98	16.0	14	27	12	68	35.7	65	34	14.3			205	FA 205	0.68
205–16	1															205–16		
UCFA **206–18**	1 1/8															UC 206–18		
206		30	5 43/64	4 39/64	45/64	35/64	1 7/32	15/32	3 5/32	1 37/64	2 53/64	1.5000	0.6260	M10	3/8	206		
206–19	1 3/16		144	117	18	14	31	12	80	40.2	72	38.1	15.9			206–19	FA 206	1.0
206–20	1 1/4															206–20		
UCFA **207–20**	1 1/4															UC 207–20		
207–21	1 5/16		6 11/32	5 1/8	3/4	5/8	1 11/32	9/16	3 1/2	1 3/4	3 15/64	1.6890	0.6890	M12	7/16	207–21		
207–22	1 3/8															207–22	FA 207	1.5
207		35	161	130	19	16	34	14	90	44.4	82	42.9	17.5			207		
207–23	1 7/16															207–23		
UCFA **208–24**	1 1/2															UC 208–24		
208–25	1 9/16		6 57/64	5 43/64	53/64	5/8	27/64	9/16	3 15/16	2 1/64	3 27/64	1.9370	0.7480	M12	7/16	208–25	FA 208	1.9
208		40	175	144	21	16	36	14	100	51.2	87	49.2	19.0			208		
UCFA **209–26**	1 5/8															UC 209–26		
209–27	1 11/16		7 1/8	5 53/64	55/64	45/64	1 1/2	5/8	4 1/4	2 1/16	3 35/64	1.9370	0.7480	M14	1/2	209–27		
209–28	1 3/4		181	148	22	18	38	16	108	52.2	90	49.2	19.0			209–28	FA 209	1.7
209		45														209		
UCFA **210–30**	1 7/8															UC 210–30		
210–31	1 15/16		7 31/64	6 3/16	55/64	45/64	1 9/16	5/8	4 17/32	2 5/32	3 45/64	2.0315	0.7480	M14	1/2	210–31		
210		50	190	157	22	18	40	16	115	54.6	94	51.6	19.0			210	FA 210	2.0
210–32	2															210–32		
UCFA **211–32**	2															UC 211–32		
211–34	2 1/8		8 5/8	7 1/4	63/64	3/4	1 23/32	5/8	5 1/8	2 19/64	4 3/32	2.1890	0.8740	M14	1/2	211–34		
211		55	219	184	25	19	44	16	130	58.4	104	55.6	22.2			211	FA 211	3.6
211–35	2 3/16															211–35		

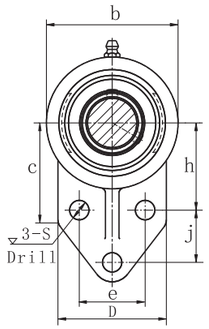
Flange Bracket Units

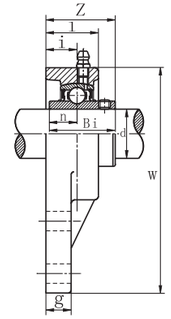
UCFB 200

normal–duty

SR type seal

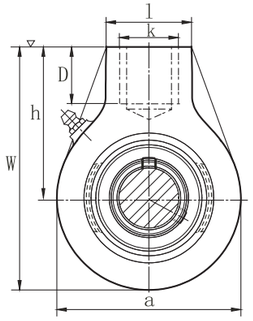
TRL type seal

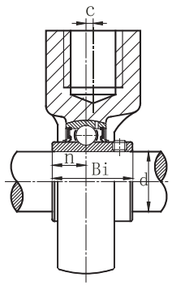




Bearing unit No.	Shaft Dia. d (in)	(mm)	Dimensions(in)or(mm) w	b	c	D	l	s	g	h	j	e	i	z	Bi	n	Bolt used (mm)	(in)	Bearing No.	Housing No.	weight (kg)
UCFB **201**		12	4 11/32	2 7/16	2 1/16	2 1/16	1	25/64	15/32	1 21/32	1 1/16	1 17/64	19/32	1 5/16	1.2205	0.5000	M8	5/16	UC 201		
201–8	1/2		110	62	52	52	25.5	10	12	42	27	32	15	33.3	31.0	12.7			201–8	FB 201	0.64
UCFB **202**		15	4 11/32	2 7/16	2 1/16	2 1/16	1	25/64	15/32	1 21/32	1 1/16	1 17/64	19/32	1 5/16	1.2205	0.5000	M8	5/16	UC 202		
202–10	5/8		110	62	52	52	25.5	10	12	42	27	32	15	33.3	31.0	12.7			202–10	FB 202	0.64
UCFB **203**		17	4 11/32	2 7/16	2 1/16	2 1/16	1	25/64	15/32	1 21/32	1 1/16	1 17/64	19/32	1 5/16	1.2205	0.5000	M8	5/16	UC 203		
203–11	11/16		110	62	52	52	25.5	10	12	42	27	32	15	33.3	31.0	12.7			203–11	FB 203	0.64
UCFB **204–12**	3/4		4 11/32	2 7/16	2 1/16	2 1/16	1	25/64	15/32	1 21/32	1 1/16	1 17/64	19/32	1 5/16	1.2205	0.5000	M8	5/16	UC 204–12		
204		20	110	62	52	52	25.5	10	12	42	27	32	15	33.3	31.0	12.7			204	FB 204	0.64
UCFB **205–14**	7/8																		UC 205–14		
205–15	15/16		4 9/16	2 11/16	2 1/16	2 7/32	1 1/16	25/64	1/2	1 49/64	1 1/16	1 11/32	5/8	1 13/32	1.3386	0.5630	M8	5/16	205–15		
205		25	116	68	52	56	27	10	13	45	27	34	16	35.7	34	14.3			205	FB 205	0.68
205–16	1																		205–16		
UCFB **206–18**	1 1/8																		UC 206–18		
206		30	5 13/64	3 5/32	2 5/32	2 9/16	1 7/32	25/64	1/2	1 31/32	1 9/64	1 37/64	45/64	1 37/64	1.5000	0.6260	M8	5/16	206		
206–19	1 3/16		132	80	55	65	31	10	13	50	29	40	18	40.2	38.1	15.9			206–19	FB 206	0.92
206–20	2																		206–20		
UCFB **207–20**	1 1/4																		UC 207–20		
207–21	1 5/16		5 21/32	3 17/32	2 7/16	2 3/4	1 11/32	25/64	19/32	2 11/64	1 17/64	1 13/16	3/4	1 3/4	1.6890	0.6890	M8	5/16	207–21		
207–22	1 3/8																		207–22	FB 207	1.3
207		35	144	90	62	70	34	10	15	55	32	46	19	44.4	42.9	17.5			207		
207–23	1 7/16																		207–23		
UCFB **208–24**	1 1/2																		UC 208–24		
208–25	1 9/16		6 15/32	3 15/16	2 27/32	3 1/16	1 27/64	15/32	5/8	2 23/64	1 39/64	1 31/32	53/64	2 1/64	1.9370	0.7480	M10	3/8	208–25	FB 208	1.8
208		40	164	100	72	78	36	12	16	60	41	50	21	51.2	49.2	19.0			208		
UCFB **209–26**	1 5/8																		UC 209–26		
209–27	1 11/16		6 57/64	4 3/16	3	3 5/32	1 1/2	15/32	23/32	2 9/16	1 11/16	2 1/8	55/64	2 1/16	1.9370	0.7480	M10	3/8	209–27		
209–28	1 3/4																		209–28	FB 209	2.0
209		45	175	106	76	80	38	12	18	65	43	54	22	52.2	49.2	19.0			209		
UCFB **210–30**	1 7/8																		UC 210–30		
210–31	1 15/16		7 21/64	4 31/64	3 7/32	3 3/8	1 37/64	15/32	23/32	2 43/64	1 13/16	2 9/32	55/64	2 5/32	2.0315	0.7480	M10	3/8	210–31		
210		50	186	114	82	86	40	12	18	68	46	58	22	54.6	51.6	19.0			210	FB 210	2.3
210–32	2																		210–32		

Screw Conveyor Hanger Units





SR type seal

TRL type seal

UCHA 200

(normal– duty)

Bearing unit No.	Shaft Dia. d (in.)	(mm)	Dimensions(in)or(mm) a	W	c	h	l	D	k (in.)	Bi	n	Bearing No.	Housing No.	Weight (kg)
UCHA 201		12	2 17/32	3 25/32	0	2 33/64	1 37/64	3/4	G 3/4	1.2205	0.5000	UC 201		
201–8	1/2		64	96		64	40	19		31.0	12.7	201–8	HA201	0.77
UCHA 202		15	2 17/32	3 25/32	0	2 33/64	1 37/64	3/4	G 3/4	1.2205	0.5000	UC 202		
202–10	5/8		64	96		64	40	19		31.0	12.7	202–10	HA202	0.77
UCHA 203		17	2 17/32	3 25/32	0	2 33/64	1 37/64	3/4	G 3/4	1.2205	0.5000	UC 203		
203–11	11/16		64	96		64	40	19		31.0	12.7	203–11	HA203	0.77
UCHA 204–12	3/4		2 17/32	3 25/32	0	2 33/64	1 37/64	3/4	G 3/4	1.2205	0.5000	UC 204–12		
204		20	64	96		64	40	19		31.0	12.7	204	HA204	0.77
UCHA 205–14	7/8					2 33/64	1 37/64	3/4				UC 205–14		
205–15	15/16		3 1/16	4 1/16	0				G 3/4	1.3386	0.5630	205–15		
205		25										205	HA205	0.87
205–16	1		78	103		64	40	19		34	14.3	205–16		
UCHA 206–18	1 1/8					2 33/64	1 37/64	3/4				UC 206–18		
206		30	3 1/16	4 1/16	0				G 3/4	1.5000	0.6260	206		
206–19	1 3/16											206–19	HA206	0.83
206–20	1 1/4		78	103		64	40	19		38.1	15.9	206–20		
UCHA 207–20	1 1/4											UC 207–20		
207–21	1 5/16		3 5/8	4 9/16	0	2 3/4	1 37/64	3/4	G 3/4	1.6890	0.6890	207–21		
207–22	1 3/8											207–22	HA207	1.2
207		35	92	116		70	40	19		42.9	17.5	207		
207–23	1 3/16											207–23		
UCHA 208–24	1 1/2		3 25/32	4 49/64	5/64	2 7/8	1 37/64	3/4	G 3/4	1.9370	0.7480	UC 208–24		
208–25	1 9/16											208–25		
208		40	96	121	2	73	40	19		49.2	19.0	208	HA208	1.3
UCHA 209–26	1 5/8											UC 209–26		
209–27	1 11/16		4 1/4	5 11/32	13/64	3 15/64	1 57/64	13/16	G1	1.9370	0.7480	209–27		
209–28	1 3/4											209–28		
209		45	108	136	5	82	48	21		49.2	19.0	209	HA209	1.7
UCHA 210–30	1 7/8											UC 210–30		
210–31	1 15/16		4 21/32	5 19/32	13/64	3 17/64	1 57/64	13/16	G1	2.0315	0.7480	210–31		
210		50										210	HA210	2.1
210–32	2		118	142	5	83	48	21		51.6	19.0	210–32		
UCHA 211–32	2											UC 211–32		
211–34	2 1/8		4 31/32	5 29/32	9/32	3 27/64	2 23/64	63/64	G 1 1/4	2.1890	0.8740	211–34		
211		55										211	HA211	2.8
211–35	2 3/16		126	150	7	87	60	25		55.6	22.2	211–35		
UCHA 212–36	2 1/4											UC 212–36		
212		60	5 19/32	6 13/16	23/64	4 1/64	2 23/64	1 3/32	G 1 1/4	2.5630	1.0000	212		
212–38	2 3/8											212–38		
212–39	2 7/16		142	173	9	102	60	28		65.1	25.4	212–39	HA212	3.9
UCHA 213–40	2 1/2		6 17/32	7 7/8	3/8	4 39/64	2 3/4	1 1/4	G 1 1/2	2.5630	1.0000	UC 213–40		
213		65	166	200	9.5	117	70	32		65.1	25.4	213	HA213	5.8
UCHA 214–44	2 3/4		6 17/32	6 7/8	3/8	4 39/64	2 3/4	1 1/4	G 1 1/2	2.9370	1.1890	UC 214–44		
214		70	166	200	9.5	117	70	32		74.6	30.2	214	HA214	5.9
UCHA 215		75										UC 215		
215–47	2 15/16		6 17/32	7 7/8	3/8	4 39/64	2 3/4	1 1/4	G 1 1/2	3.0630	1.3110	215–47		
215–48	3		166	200	9.5	117	70	32		77.8	33.3	215–48	HA215	5.6

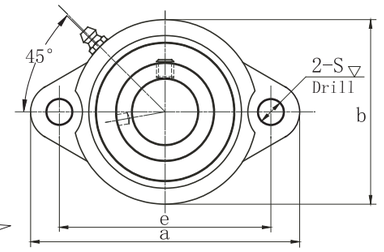
Light–duty Oval Flange Units(LF Type)

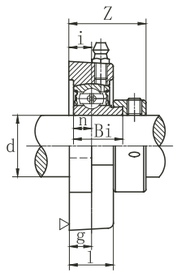
ENLF200=
SALF200

Eccentric Locking Collar Type

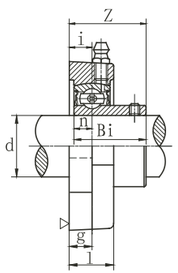
UBLF200=
SBLF200

(Setscrew Type





A type seal

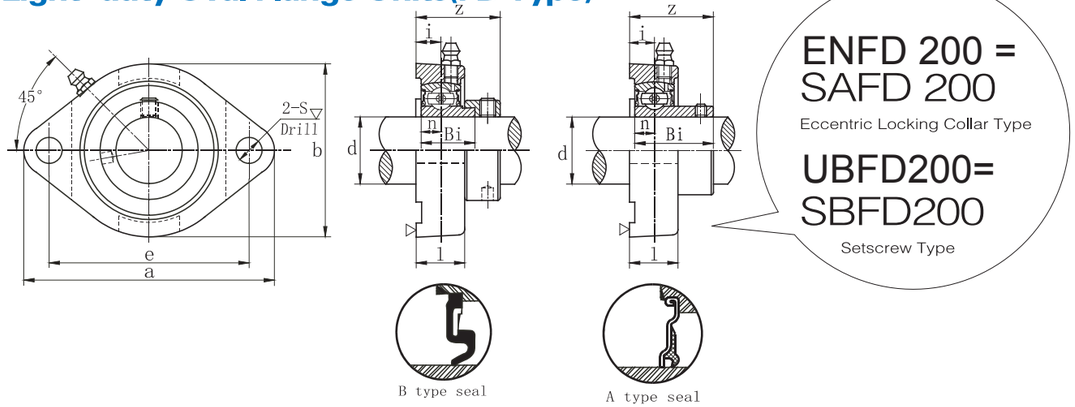


B type seal

Bearing unit No.	Shaft Dia. d (in)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	s	b	z	Bi	n	Bolt used (mm)	(in)	Bearing No.	Housing No.	weight (kg)
SALF 201		12													SA 201		0.30
201–8	1/2														201–8		
202		15	3 3/16	2 1/2	3/8	3/8	45/64	5/16	2 7/32	1 17/64	0.7520	0.2362	M6	1/4	202	LF 203	0.29
202–10	5/8		81	63.5	9.5	9.5	18	8	56	32.1	19.1	6.0			202–10		
SALF 203		17													SA 203		0.28
203–11	11/16														203–11		
SALF 204–12	3/4														SA 204–12		
204		20	3 35/64	2 13/16	7/16	7/16	25/32	25/64	2 13/32	1 3/8	0.8465	0.2756	M8	5/16	204	LF 204	0.39
SALF 205–14	7/8														SA 205–14		
205–15	15/16		3 25/32	3	7/16	7/16	25/32	25/64	2 33/64	1 23/64	0.8465	0.2953	M8	5/16	205–15		
205		25	96	76	11	11	20	10	64	34.5	21.5	7.5			205	LF 205	0.47
205–16	1														205–16		
SALF 206–18	1 1/8														SA 206–18		
206		30	4 29/64	3 9/16	15/32	15/32	57/64	15/32	3	1 9/16	0.9370	0.3150	M10	3/8	206	LF 206	0.63
206–19	1 3/16														206–19		
206–20	1 1/4		113	90.5	12	12	22.5	12	76	39.7	23.8	8.0			206–20		
SALF 207–20	1 1/4														SA 207–20		
207–21	1 5/16														207–21		
207–22	1 3/8		4 13/16	3 15/16	33/64	33/64	61/64	15/32	3 1/2	1 45/64	1.0000	0.3346	M10	3/8	207–22	LF 207	0.92
207		35	122	100	13	13	24	12	89	43.4	25.4	8.5			207		
207–23	1 7/16														207–23		

Bearing unit No.	Shaft Dia. d (in)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	s	b	z	Bi	n	Bolt used (mm)	(in)	Bearing No.	Housing No.	weight (kg)
SBLF 201		12													SB 201		0.27
201–8	1/2														201–8		
202		15	3 3/16	2 1/2	3/8	3/8	45/64	5/16	2 7/32	1	0.8661	0.2362	M6	1/4	202	LF 203	0.26
202–10	5/8		81	63.5	9.5	9.5	18	8	56	25.5	22.0	6.0			202–10		
203		17													SB 203		0.25
203–11	11/16														203–11		
SBLF 204–12	3/4														SB 204–12		
204		20	3 35/64	2 13/16	7/16	7/16	25/32	25/64	2 13/32	1 9/64	0.9842	0.2756	M8	5/16	204	LF 204	0.35
SBLF 205–14	7/8														SB 205–14		
205–15	15/16		3 25/32	3	7/16	7/16	25/32	25/64	2 33/64	1 13/64	1.0630	0.2953	M8	5/16	205–15		
205		25	96	76	11	11	20	10	64	30.5	27.0	7.5			205	LF 205	0.43
205–16	1														205–16		
SBLF 206–18	1 1/8														SB 206–18		
206		30	4 29/64	3 9/16	15/32	15/32	57/64	15/32	3	1 11/32	1.1811	0.3150	M10	3/8	206	LF 206	0.56
206–19	1 3/16														206–19		
206–20	1 1/4		113	90.5	12	12	22.5	12	76	34	30.0	8.0			206–20		
SBLF 207–20	1 1/4														SB 207–20		
207–21	1 5/16														207–21		
207–22	1 3/8		4 13/16	3 15/16	33/64	33/64	61/64	15/32	3 1/2	1 7/16	1.2598	0.3346	M10	3/8	207–22	LF 207	0.80
207		35	122	100	13	13	24	12	89	36.5	32.0	8.5			207		
207–23	1 7/16														207–23		

Light–duty Oval Flange Units(FD Type)



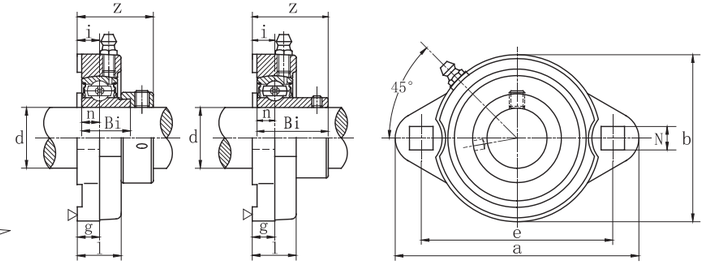
ENFD 200 =
SAFD 200
Eccentric Locking Collar Type

UBFD200=
SBFD200
Setscrew Type

Bearing unit No.	Shaft Dia. d (in)	(mm)	Dimensions(in)or(mm) a	e	i	l	s	b	z	Bi	n	Bolt used (mm)	(in)	Bearing No.	Housing No.	Weight (kg)
SAFD 201		12												SA 201		0.33
201–8	1/2													201–8		
202		15	3 3/16	2 1/2	19/64	19/32	9/32	2 21/64	1 3/16	0.7520	0.2362	M6	1/4	202	FD 203	0.32
202–10	5/8		81	63.5	7.5	15	7	59	30.1	19.1	6.0			202–10		
203		17												203		0.32
203–11	11/16													203–11		
SAFD 204–12	3/4		3 9/16	2 13/16	3/8	43/64	25/64	2 5/8	1 5/16	0.8465	0.2756			SA 204–12		
204		20	90.5	71.4	9.5	17	10	66.5	33.5	21.5	7.0	M8	5/16	204	FD 204	0.42
SAFD 205–14	7/8													SA 205–14		
205–15	15/16		3 13/16	3	3/8	11/16	25/64	2 51/64	1 19/64	0.8465	0.2953			205–15		
205		25	97	76.2	9.5	17.5	10	71	33.0	21.5	7.5	M8	5/16	205	FD 205	0.50
205–16	1													205–16		
SAFD 206–18	1 1/8													SA 206–18		
206		30	4 7/16	3 9/16	25/64	53/64	15/32	3 5/16	1 31/64	0.9370	0.3150			206		
206–19	1 3/16		112.5	90.5	10	21	12	84	37.7	23.8	8.0	M10	3/8	206–19	FD 206	0.77
206–20	1 1/4													206–20		
SAFD 207–20	1 1/4													SA 207–20		
207–21	1 5/16													207–21		
207–22	1 3/8		4 31/32	3 15/16	1/2	7/8	15/32	3 45/64	1 11/16	1.0000	0.3346			207–22		
207		35	126	100	12.5	22	12	94	42.9	25.4	8.5	M10	3/8	207	FD 207	1.09
207–23	1 7/16													207–23		

Bearing unit No.	Shaft Dia. d (in)	(mm)	Dimensions(in)or(mm) a	e	i	l	s	b	z	Bi	n	Bolt used (mm)	(in)	Bearing No.	Housing No.	Weight (kg)
SBFD 201		12												SB 201		0.30
201–8	1/2													201–8		
202		15	3 3/16	2 1/2	19/64	19/32	9/32	2 5/16	59/64	0.8661	0.2362	M6	1/4	202	FD 203	0.29
202–10	5/8		81	63.5	7.5	15	7	58.7	23.5	22	6.0			202–10		
203		17												203		0.28
203–11	11/16													203–11		
SBFD 204–12	3/4		3 9/16	2 13/16	3/8	43/64	25/64	2 5/8	1 5/64	0.9843	0.2756			SB 204–12		
204		20	90.5	71.4	9.5	17	10	66.5	27.5	25	7.0	M8	5/16	204	FD 204	0.38
SBFD 205–14	7/8													SB 205–14		
205–15	15/16		3 13/16	3	3/8	11/16	25/64	2 51/64	1 9/64	1.0630	0.2953			205–15		
205		25	97	76.2	9.5	17.5	10	71	29	27	7.5	M8	5/16	205	FD 205	0.46
205–16	1													205–16		
SBFD 206–18	1 1/8													SB 206–18		
206		30	4 7/16	3 9/16	25/64	53/64	15/32	3 5/16	1 17/64	1.1811	0.3150			206		
206–19	1 3/16		112.5	90.5	10	21	12	84	32	30	8.0	M10	3/8	206–19	FD 206	0.71
206–20	1 1/4													206–20		
SBFD 207–20	1 1/4													SB 207–20		
207–21	1 5/16													207–21		
207–22	1 3/8		4 31/32	3 15/16	1/2	7/8	15/32	3 45/64	1 27/64	1.2598	0.3346			207–22		
207		35	126	100	12.5	22	12	94	36	32	8.5	M10	3/8	207	FD 207	0.95
207–23	1 7/16													207–23		

Ductile Iron Oval Flange Units(PFTD Type)



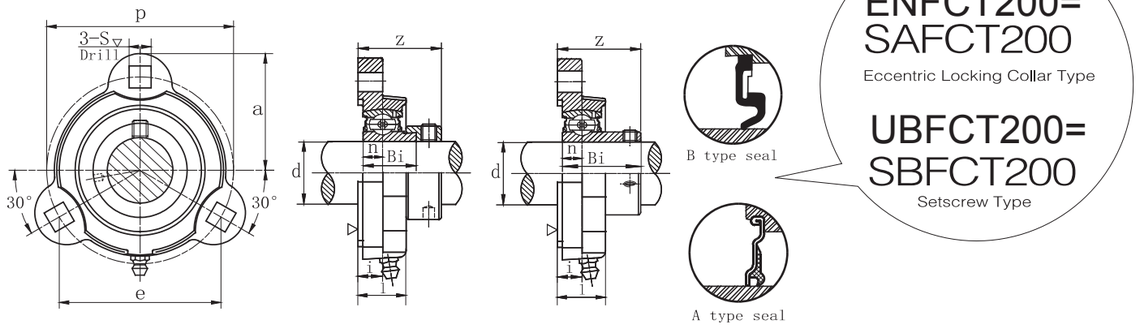
ENFTD200=
SAFTD200
Eccentric Locking Collar Type

UBFTD200=
SBFTD200
Setscrew Type

Bearing unit No.	Shaft Dia. d (in)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	N	b	z	Bi	n	Bolt used (mm)	(in)	Bearing No.	Housing No.	Weight (kg)
SAFTD 201		12													SA 201		0.27
201–8	1/2														201–8		
202		15	3 1/4	2 9/16	15/32	13/32	23/32	9/32	2 9/32	1 23/64	0.7520	0.2362	M6	1/4	202	PFTD 203	0.26
202–10	5/8		83	65	12	10.5	18	7.2	58	34.6	19.1	6.0			202–10		
203		17													203		0.25
203–11	11/16														203–11		
SAFTD 204–12	3/4		3 11/16	2 13/16	7/16	7/16	49/64	1/32	2 39/64	1 3/8	0.8465	0.2756			SA 204–12		
204		20	94	71.4	11	11	19.5	9	66	35	21.5	7.0	M8	5/16	204	PFTD 204	0.31
SAFTD 205–14	7/8														SA 205–14		
205–15	15/16		3 55/64	3	7/16	7/16	51/64	11/32	2 23/32	1 23/64	0.8465	0.2953			205–15		
205		25	98	76	11	11	20	9.0	69	34.5	21.5	7.5	M8	5/16	205	PFTD 205	0.42
205–16	1														205–16		
SAFTD 206–18	1 1/8														SA 206–18		
206		30	4 9/16	3 17/32	1/2	1/2	55/64	13/32	3 13/64	1 19/32	0.9370	0.3150			206		
206–19	1 3/16		116	89.7	12.7	12.7	22	10.3	81	40.4	23.8	8.0	M10	3/8	206–19	PFTD 206	0.59
206–20	1 1/4														206–20		
SAFTD 207–20	1 1/4														SA 207–20		
207–21	1 5/16														207–21		
207–22	1 3/8		4 13/16	3 15/16	1/2	1/2	15/16	13/32	3 33/64	1 45/64	1.0000	0.3346			207–22		
207		35	122	100	12.5	12.7	23.8	10.3	89	43.1	25.4	8.5	M10	3/8	207	PFTD 207	0.83
207–23	1 7/16														207–23		

Bearing unit No.	Shaft Dia. d (in)	(mm)	Dimensions(in)or(mm) a	e	i	g	l	N	b	z	Bi	n	Bolt used (mm)	(in)	Bearing No.	Housing No.	Weight (kg)
SBFTD 201		12													SB 201		0.24
201–8	1/2														201–8		
202		15	3 1/4	2 9/16	15/32	13/32	23/32	9/32	2 9/32	1 7/64	0.8661	0.2362	M6	1/4	202	PFTD 203	0.23
202–10	5/8		83	65	12	10.5	18	7.2	58	28	22	6.0			202–10		
203		17													203		0.22
203–11	11/16														203–11		
SBFTD 204–12	3/4		3 11/16	2 13/16	7/16	7/16	49/64	11/32	2 39/64	1 9/64	0.9843	0.2756	M8	5/16	SB 204–12	PFTD 204	0.27
204		20	94	71.4	11	11	19.5	9	66	29	25	7.0			204		
SBFTD 205–14	7/8														SB 205–14		
205–15	15/16		3 55/64	3	7/16	7/16	51/64	11/32	2 23/32	1 13/64	1.0630	0.2953	M8	5/16	205–15	PFTD 205	0.38
205		25	98	76	11	11	20	9.0	69	30.5	27	7.5			205		
205–16	1														205–16		
SBFTD 206–18	1 1/8														SB 206–18		
206		30	4 9/16	3 17/32	1/2	1/2	55/64	13/32	3 13/64	1 23/64	1.1811	0.3150	M10	3/8	206	PFTD 206	0.54
206–19	1 3/16		116	89.7	12.7	12.7	22	10.3	81	34.7	30	8.0			206–19		
206–20	1 1/4														206–20		
SBFTD 207–20	1 1/4														SB 207–20		
207–21	1 5/16														207–21		
207–22	1 3/8		4 13/16	3 15/16	1/2	1/2	15/16	13/32	3 33/64	1 27/64	1.2598	0.3346	M10	3/8	207–22	PFTD 207	0.70
207		35	122	100	12.5	12.7	23.8	10.3	89	36.2	32	8.5			207		
207–23	1 7/16														207–23		

Ductile Iron Flange Units(FCT Type)



Bearing unit No.	Shaft Dia. d (in)	(mm)	a	p	e	i	l	S	Z	Bi	n	Bolt used (mm)	(in)	Bearing No.	Housing No.	Weight (kg)
SAFCT **201**		12												SA 201		
201–8	1/2													201–8		
202		15	1 19/32	2 1/2	2.165	27/64	3/4	9/32	1 5/16	0.7520	0.2362	M6	1/4	202	FCT 203	0.26
202–10	5/8		40.5	63.5	54.99	10.7	19.1	7.1	33.3	19.1	6.0			202–10		
203		17												203		
203–11	11/16													203–11		
SAFCT **204–12**	3/4		1 25/32	2 13/16	2.434	7/16	25/32	11/32	1 3/8	0.8465	0.2756	M8	5/16	SA 204–12	FCT 204	0.34
204		20	45.2	71.4	61.83	11.1	19.8	8.7	35.1	21.5	7.0			204		
SAFCT **205–14**	7/8													SA 205–14		
205–15	15/16		1 7/8	3	2.598	13/32	51/64	32/64	1 21/64	0.8465	0.2953	M8	5/16	205–15	FCT 205	0.39
205		25	47.6	76.2	65.99	10.3	20	9	33.8	21.5	7.5			205		
205–16	1													205–16		
SAFCT **206–18**	1 1/8													SA 206–18		
206		30	2 7/32	3 9/16	3.085	31/64	7/8	13/32	1 9/16	0.9370	0.3150	M10	3/8	206	FCT 206	0.61
206–19	1 3/16		56.3	90.5	78.38	12.1	22.2	10.3	39.8	23.8	8.0			206–19		
206–20	1 1/4													206–20		
SAFCT **207–20**	1 1/4													SA 207–20		
207–21	1 5/16													207–21		
207–22	1 3/8		2 13/32	3 15/16	3.410	33/64	15/16	13/32	1 45/64	1.0000	0.3346	M10	3/8	207–22	FCT 207	0.82
207		35	61.0	100	86.60	13	24	10.3	43.4	25.4	8.5			207		
207–23	1 7/16													207–23		

Bearing unit No.	Shaft Dia. d (in)	(mm)	a	p	e	i	l	s	z	Bi	n	Bolt used (mm)	(in)	Bearing No.	Housing No.	Weight (kg)
SBFCT **201**		12												SB 201		
201–8	1/2													201–8		
202		15	1 19/32	2 1/2	2.165	27/64	3/4	9/32	1 3/64	0.8661	0.2362	M6	1/4	202	FCT 203	0.21
202–10	5/8		40.5	63.5	54.99	10.7	19.1	7.1	26.7	22	6.0			202–10		
203		17												203		
203–11	11/16													203–11		
SBFCT **204–12**	3/4		1 25/32	2 13/16	2.434	7/16	25/32	11/32	1 9/64	0.9843	0.2756	M8	5/16	SB 204–12	FCT 204	0.32
204		20	45.2	71.4	61.83	11.1	19.8	8.7	29.1	25	7.0			204		
SBFCT **205–14**	7/8													SB 205–14		
205–15	15/16		1 7/8	3	2.598	13/32	51/64	23/64	1 11/64	1.0630	0.2953	M8	5/16	205–15	FCT 205	0.36
205		25	47.6	76.2	65.99	10.3	20	9	29.8	27	7.5			205		
205–16	1													205–16		
SBFCT **206–18**	1 1/8													SB 206–18		
206		30	2 7/32	3 9/16	3.085	31/64	7/8	13/32	1 11/32	1.1811	0.3150	M10	3/8	206	FCT 206	0.57
206–19	1 3/16		56.3	90.5	78.38	12.1	22.2	10.3	34.1	30	8.0			206–19		
206–20	1 1/4													206–20		
SBFCT **207–20**	1 1/4													SB 207–20		
207–21	1 5/16													207–21		
207–22	1 3/8		2 13/32	3 15/16	3.410	33/64	15/16	13/32	1 7/16	1.2598	0.3346	M10	3/8	207–22	FCT 207	0.71
207		35	61.0	100	86.60	13	24	10.3	36.5	32	8.5			207		
207–23	1 7/16													207–23		

FSB

Undertakes Boundless Driving Force!

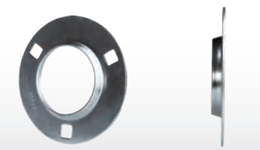
IBU

Not only the common insert bearings are with casting housings,they also can be with pressed steel housings and thermoplastic housings.

The structure of **insert bearings with pressed steel housings** is simple,these products are used in middle or low rotation and light-duty condition.

Insert bearings with the thermoplastic housings are used in food machines.

PF



PP

UCFPL

UCPPL

UCNFL

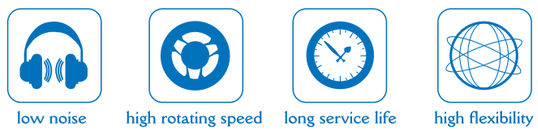
High rotation speed Low noise Long service life

Other mounted ball bearing units

UCFPL
Undertakes Boundless Driving Force

What continues is the time,what rigid is the manner

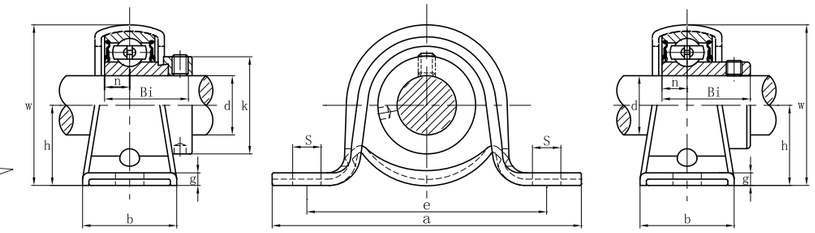
Time,is the eternal measure of value



Pressed Steel Housing Pillow Blocks(light–duty)

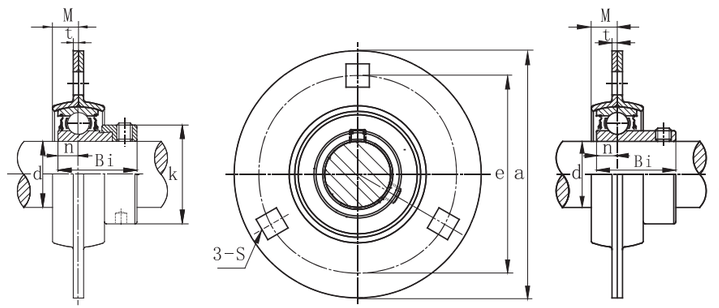
ENPP200=
SAPP200
(SA2–fitted)

UBPP200=
SBPP200
(SB2–fitted)



Bearing unit		Shaft Dia.		Dimensions(in)or(mm)								Bolt used			Bearing	weight		Bearing	weight	Housing
No.		d		h	a	e	b	S	g	w	n		Bi	k	No.		Bi	No.		No.
		(in)	(mm)						(mm)			(in.)(mm)				(kg)			(kg)	
SAPP SBPP	**201**		12	7/8	3 3/8	2 43/64	63/64	3/8		1 23/32	0.2362	5/16	1.1220	1.1260	SA 201		0.8661	SB 201		
	201–8	1/2		22.2	86	68	25	9.5	3.0	43.8	6.0	M8	28.6	28.6	201–8	0.19	22	201–8	0.16	PP 201
SAPP SBPP	**202**		15	7/8	3 3/8	2 43/64	63/64	3/8		1 23/32	0.2362	5/16	1.1220	1.1260	SA 202		0.8661	SB 202		
	202–10	5/8		22.2	86	68	25	9.5	3.0	43.8	6.0	M8	28.6	28.6	202–10	0.19	22	202–10	0.16	PP 202
SAPP SBPP	**203**		17	7/8	3 3/8	2 43/64	63/64	3/8		1 23/32	0.2362	5/16	1.1220	1.1260	SA 203		0.8661	SB 203		
	203–11	11/16		22.2	86	68	25	9.5	3.0	43.8	6.0	M8	28.6	28.6	203–11	0.19	22	203–11	0.16	PP 203
SAPP SBPP	**204–12**	3/4		1	3 27/32	2 63/64	1 1/4	3/8		1 63/64	0.2756	5/16	1.2205	1.3110	SA 204–12		0.9843	SB 204–12		
	204		20	25.4	98	76	32	9.5	3.0	50.5	7.0	M8	31	33.3	204	0.23	25	204	0.23	PP 204
SAPP SBPP	**205–14**	7/8													SA 205–14			SB 205–14		
	205		25	1 1/8	4 1/4	3 25/64	1 1/4	29/64		2 15/64	0.2953	3/8	1.2205	1.5000	205	0.32	1.0630	205	0.28	PP 205
				28.6	108	86	32	11.5	4.0	56.6	7.5	M10	31	38.1			27			
	205–16	1													205–16			205–16		
SAPP SBPP	**206–18**	1 1/8													SA 206–18			SB 206–18		
	206		30	1 5/16	4 19/32	3 47/64	1 1/2	29/64		2 39/64	0.3150	3/8	1.4055	1.7520	206		1.1811	206		
	206–19	1 3/16		33.3	117	95	38	11.5	4.0	66.3	8.0	M10	35.7	44.5	206–19	0.50	30	206–19	0.47	PP 206
	206–20	1 1/4													206–20			206–20		

Pressed Steel Housing Flange Units (light–duty)



ENPF 200 = SAPF 200
SA2–fitted

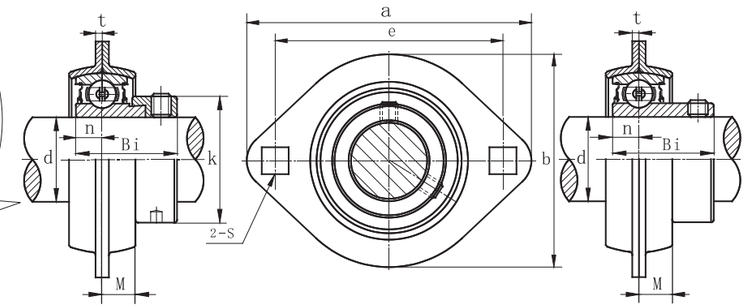
UBPF 200 = SBPF 200
SB2–fitted

Bearing unit No.	Shaft Dia. d	Dimensions(in)or(mm) a	e	M	t	s	n	Bolt used Bi	k	Bearing No.	weight	Bearing Bi	Bearing No.	weight	Housing No.
	(in) (mm)				(mm)			(in.) (mm)			(kg)			(kg)	
SAPF SBPF **201**	12	$3\frac{3}{16}$	$2\frac{1}{2}$	$\frac{9}{32}$	2	$\frac{9}{32}$	0.2362	$\frac{1}{4}$ 1.1260	1.1260	SA 201	0.30	0.8661	SB 201	0.27	PF 201
201–8	$\frac{1}{2}$	81	63.5	7.0		7.1	6.0	M6 28.6	28.6	201–8		22.0	201–8		
SAPF SBPF **202**	15	$3\frac{3}{16}$	$2\frac{1}{2}$	$\frac{9}{32}$	2	$\frac{9}{32}$	0.2362	$\frac{1}{4}$ 1.1260	1.1260	SA 202	0.30	0.8661	SB 202	0.27	PF 202
202–10	$\frac{5}{8}$	81	63.5	7.0		7.1	6.0	M6 28.6	28.6	202–10		22.0	202–10		
SAPF SBPF **203**	17	$3\frac{3}{16}$	$2\frac{1}{2}$	$\frac{9}{32}$	2	$\frac{9}{32}$	0.2362	$\frac{1}{4}$ 1.1260	1.1260	SA 203	0.30	0.8661	SB 203	0.27	PF 203
203–11	$\frac{11}{16}$	81	63.5	7.0		7.1	6.0	M6 28.6	28.6	203–11		22.0	203–11		
SAPF SBPF **204–12**	$\frac{3}{4}$	$3\frac{17}{32}$	$2\frac{13}{16}$	$\frac{5}{16}$	2	$\frac{23}{64}$	0.2756	$\frac{5}{16}$ 1.2205	1.3110	SA 204–12	0.33	0.9843	SB 204–12	0.33	PF 204
204	20	90	71.5	8		9.0	7.0	M8 31	33.3	204		25.0	204		
SAPF SBPF **205–14**	$\frac{7}{8}$									SA 205–14			SB 205–14		
205	25	$3\frac{3}{4}$	$2\frac{63}{64}$	$\frac{23}{64}$	2	$\frac{23}{64}$	0.2953	$\frac{5}{16}$ 1.2205	1.5000	205	0.42	1.0630	205	0.38	PF 205
		95	76	9		9.0	7.5	M8 31	38.1			27.0			
205–16	1									205–16			205–16		
SAPF SBPF **206–18**	$1\frac{1}{8}$									SA 206–18			SB 206–18		
206	30	$4\frac{7}{16}$	$3\frac{9}{16}$	$\frac{3}{8}$	2.6	$\frac{7}{16}$	0.3150	$\frac{3}{8}$ 1.4055	1.7520	206	0.65	1.1811	206	0.62	PF 206
206–19	$1\frac{3}{16}$	113	90.5	9.5		11	8.0	M10 35.7	44.5	206–19		30.0	206–19		
206–20	$1\frac{1}{4}$									206–20			206–20		
SAPF SBPF **207–20**	$1\frac{1}{4}$									SA 207–20			SB 207–20		
207–22	$1\frac{3}{8}$	$4\frac{13}{16}$	$3\frac{15}{16}$	$\frac{7}{16}$	2.6	$\frac{7}{16}$	0.3346	$\frac{3}{8}$ 1.4370	2.1890	207–22	0.90	1.2598	207–22	0.82	PF 207
207	35	122	100	11		11	8.5	M10 38.9	55.6	207		32.0	207		
207–23	$1\frac{7}{16}$									207–23			207–23		

Pressed Steel Housing Flange Units (light–duty)

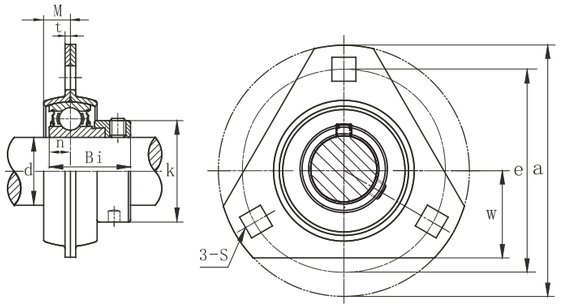
ENPFL 200 = SAPFL 200
(SA2–fitted)

UBPFL 200 = SBPFL 200
(SB2–fitted)



Bearing unit No.	Shaft Dia. d	Dimensions(in)or(mm) a	e	M	b	t	s	n	Bolt used Bi	k	Bearing No.	weight	Bearing Bi	Bearing No.	weight	Housing No.
	(in.) (mm)					(mm)			(in.) (mm)			(kg)			(kg)	
SAPFL SBPFL **201**	12	$3\frac{3}{16}$	$2\frac{1}{2}$	$\frac{9}{32}$	$2\frac{5}{16}$	2.0	$\frac{9}{32}$	0.2362	$\frac{1}{4}$ 1.1260	1.1260	SA 201	0.22	0.8661	SB 201	0.19	PFL 201
201–8	$\frac{1}{2}$	81	63.5	7.0	59		7.1	6.0	M6 28.6	28.6	201–8		22	201–8		
SAPFL SBPFL **202**	15	$3\frac{3}{16}$	$2\frac{1}{2}$	$\frac{9}{32}$	$2\frac{5}{16}$	2.0	$\frac{9}{32}$	0.2362	$\frac{1}{4}$ 1.1260	1.1260	SA 202	0.22	0.8661	SB 202	0.19	PFL 202
202–10	$\frac{5}{8}$	81	63.5	7.0	59		7.1	6.0	M6 28.6	28.6	202–10		22	202–10		
SAPFL SBPFL **203**	17	$3\frac{3}{16}$	$2\frac{1}{2}$	$\frac{9}{32}$	$2\frac{5}{16}$	2.0	$\frac{9}{32}$	0.2362	$\frac{1}{4}$ 1.1260	1.1260	SA 203	0.22	0.8661	SB 203	0.19	PFL 203
203–11	$\frac{11}{16}$	81	63.5	7.0	59		7.1	6.0	M6 28.6	28.6	203–11		22	203–11		
SAPFL SBPFL **204–12**	$\frac{3}{4}$	$3\frac{17}{32}$	$2\frac{13}{16}$	$\frac{5}{16}$	$2\frac{5}{8}$	2.0	$\frac{23}{64}$	0.2756	$\frac{5}{16}$ 1.2205	1.3110	SA 204–12	0.24	0.9843	SB 204–12	0.24	PFL 204
204	20	90	71.5	8	67		9.0	7.0	M8 31	33.3	204		25	204		
SAPFL SBPFL **205–14**	$\frac{7}{8}$										SA 205–14			SB 205–14		
205	25	$3\frac{3}{4}$	3	$\frac{23}{64}$	$2\frac{25}{32}$	2.0	$\frac{23}{64}$	0.2953	$\frac{5}{16}$ 1.2205	1.5000	205	0.32	1.0630	205	0.28	PFL 205
		95	76.0	9	71		9.0	7.5	M8 31	38.1			27			
205–16	1										205–16			SB 205–16		
SAPFL SBPFL **206–18**	$1\frac{1}{8}$										SA 206–18			SB 206–18		
206	30	$4\frac{7}{16}$	$3\frac{9}{16}$	$\frac{3}{8}$	$3\frac{5}{16}$	2.6	$\frac{7}{16}$	0.3150	$\frac{3}{8}$ 1.4055	1.7520	206	0.41	1.1811	206	0.38	PFL 206
206–19	$1\frac{3}{16}$	113	90.5	9.5	84		11	8.0	M10 35.7	44.5	206–19		30	206–19		
206–20	$1\frac{1}{4}$										206–20			206–20		

Pressed Steel Housing Flange Units (light–duty)



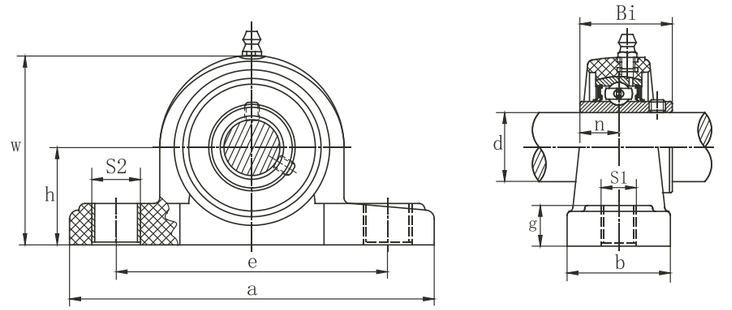
ENPFT 200 = SAPFT 200
(SA2–fitted)

UBPFT 200 = SBPFT 200
(SB2–fitted)

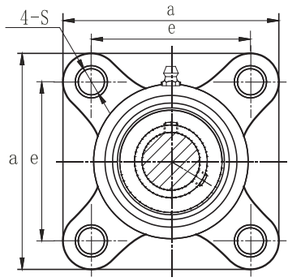
Bearing unit		Shaft Dia.	Dimensions(in)or(mm)							Bolt used			Bearing	weight	Bearing	weight	Housing
No.		d	a	e	M	t	w	s	n		Bi	k	No.		Bi	No.		No.
		(in.)	(mm)				(mm)			(in.)	(mm)			(kg)			(kg)	
SAPFT SBPFT	**201**		12	3 3/16	2 1/2	9/32	2	1 9/64	9/32	0.2362	1/4	1.1260	1.1260	SA 201	0.22	0.8661	SB 201	0.19	PFT 201
	201–8	1/2		81	63.5	7.0		29	7.1	6.0	M6	28.6	28.6	201–8		22.0	201–8		
SAPFT SBPFT	**202**		15	3 3/16	2 1/2	9/32	2	1 9/64	9/32	0.2362	1/4	1.1260	1.1260	SA 202	0.21	0.8661	SB 202	0.18	PFT 202
	202–10	5/8		81	63.5	7.0		29	7.1	6.0	M6	28.6	28.6	202–10		22.0	202–10		
SAPFT SBPFT	**203**		17	3 3/16	2 1/2	9/32	2	1 9/64	9/32	0.2362	1/4	1.1260	1.1260	SA 203	0.20	0.8661	SB 203	0.17	PFT 203
	203–11	11/16		81	63.5	7.0		29	7.1	6.0	M6	28.6	28.6	203–11		22.0	203–11		
SAPFT SBPFT	**204–12**	3/4		3 17/32	2 13/16	5/16	2	1 11/32	23/64	0.2756	5/16	1.2205	1.3110	SA 204–12	0.28	0.9843	SB 204–12	0.24	PFT 204
	204		20	90	71.5	8		34	9.0	7.0	M8	31	33.3	204		25.0	204		
SAPFT SBPFT	**205–14**	7/8												SA 205–14			SB 205–14		
	205		25	3 3/4	2 63/64	23/64	2	1 27/64	23/64	0.2953	5/16	1.2205	1.5000	205	0.33	1.0630	205	0.29	PFT 205
	205–16	1		95	76	9		36	9.0	7.5	M8	31	38.1	205–16		27.0	205–16		
SAPFT SBPFT	**206–18**	1 1/8												SA 206–18			SB 206–18		
	206		30	4 7/16	3 9/16	3/8	2.6	1 39/64	7/16	0.3150	3/8	1.4055	1.7520	206	0.50	1.1811	206	0.45	PFT 206
	206–19	1 3/16		113	90.5	9.5		41	11	8.0	M10	35.7	44.5	206–19		30.0	206–19		
	206–20	1 1/4												206–20			206–20		
SAPFT SBPFT	**207–20**	1 1/4												SA 207–20			SB 207–20		
	207–22	1 3/8		4 13/16	3 15/16	7/16	2.6	1 49/64	7/16	0.3346	3/8	1.5315	2.1890	207–22	0.78	1.2598	207–22	0.61	PFT 207
	207		35	122	100	11		45	11	8.5	M10	38.9	55.6	207		32.0	207		
	207–23	1 7/16												207–23			207–23		

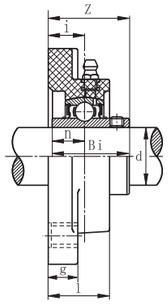
Thermoplastic Housing

UCPPL 200
- Material:PBT
- Solid base
- Stainless steel grease nipples as standard (suffix N)



Bearing unit		Shaft Dia.	Dimensions(in)or(mm)										Bolt used		Torque	Bearing	Housing	Housing Weight
No.		d	h	a	e	b	g	S1	S2	W	Bi	n				No.	No.	
		(in.)	(mm)			(mm)			(mm)				(mm)	(in.)	(N.m)			(kg)
UCPPL	**201**		12													SUC 201		
	201–8	1/2														201–8		
UCPPL	**202–9**	9/16														SUC 202–9		
	202		15	1 5/16	5	3 47/64	1 1/2	9/16	7/16	35/64	2 37/64	1.2205	0.5000	M10	3/8	18	202	PPL 203	0.12
	202–10	5/8		33.3	127	95	38	14.2	11	14	65.5	31.0	12.7				202–10		
UCPPL	**203**		17													SUC 203		
	203–11	11/16														203–11		
UCPPL	**204–12**	3/4		1 5/16	5	3 47/64	1 1/2	9/16	7/16	35/64	2 37/64	1.2205	0.5000	M10	3/8	18	SUC 204–12		
	204		20	33.3	127	95	38	14.2	11	14	65.5	31.0	12.7				204	PPL 204	0.12
UCPPL	**205–14**	7/8														SUC 205–14		
	205–15	15/16		1 7/16	5 17/32	4 9/64	1 1/2	37/64	7/16	35/64	2 51/64	1.3386	0.5630	M10	3/8	25	205–15		
	205		25	36.5	140.5	105	38	14.5	11	14	71	34.0	14.3				205	PPL 205	0.14
	205–16	1															205–16		
UCPPL	**206–17**	1 1/16														SUC 206–17		
	206–18	1 1/8		1 11/16	6 27/64	4 11/16	1 13/16	45/64	35/64	45/64	3 5/16	1.5000	0.6260	M12	7/16	30	206–18		
	206		30	42.9	163	119	46	17.8	14	18	84	38.1	15.9				206	PPL 206	0.20
	206–19	1 3/16															206–19		
	206–20	1 1/4															206–20		
UCPPL	**207–20**	1 1/4														SUC 207–20		
	207–21	1 5/16		1 7/8	6 39/64	5	1 57/64	45/64	35/64	45/64	3 23/32	1.6890	0.6890	M12	7/16	35	207–21		
	207–22	1 3/8		47.6	168	127	48	18	14	18	94.5	42.9	17.5				207–22	PPL 207	0.25
	207		35														207		
	207–23	1 7/16															207–23		
UCPPL	**208–24**	1 1/2														SUC 208–24		
	208–25	1 9/16		1 15/16	7 1/4	5 25/64	2 1/8	49/64	35/64	45/64	3 29/32	1.9370	0.7480	M12	7/16	45	208–25	PPL 208	0.35
	208		40	49.2	184	137	54	19.5	14	18	99	49.2	19.0				208		
UCPPL	**209–26**	1 5/8														SUC 209–26		
	209–27	1 11/16		2 1/8	7 9/16	5 3/4	2 1/8	29/32	43/64	25/32	4 11/64	1.9370	0.7480	M16	5/8	50	209–27		
	209–28	1 3/4		54	192	146	54	23	17	20	106	49.2	19.0				209–28	PPL 209	0.45
	209		45														209		
UCPPL	**210–30**	1 7/8														SUC 210–30		
	210–31	1 15/16		2 1/4	8 1/8	6 1/4	2 3/8	29/32	43/64	25/32	4 31/64	2.0315	0.7480	M16	5/8	55	210–31	PPL 210	0.55
	210		50	57.2	206	159	60	23	17	20	114	51.6	19.0				210		





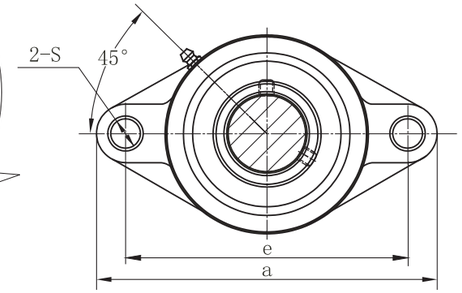
UCFPL 200

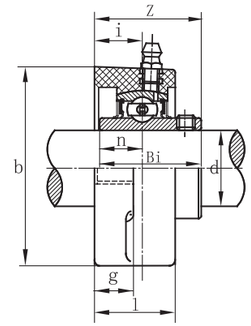
- Material:PBT
- Solid base
- Stainless steel grease nipples as standard (suffix N)

Bearing unit No.	Shaft Dia. d (in)	d (mm)	Dimensions(in)or(mm) a	e	g	l	S	Z	i	Bi	n	Bolt used (mm)	Bolt used (in.)	Torque (N.m)	Bearing No.	Housing No.	Housing Weight (kg)
UCFPL **201**		12													SUC 201		
201-8	1/2														201-8		
UCFPL **202-9**	9/16														SUC 202-9		
202		15	3 25/64	2 1/2	17/32	1 3/32	7/16	1 27/64	45/64	1.2205	0.5000	M10	3/8	18	202	FPL 203	0.12
202-10	5/8		86	63.5	13.4	27.8	11	36.3	18	31.0	12.7				202-10		
UCFPL **203**		17													SUC 203		
203-11	1 1/16														203-11		
UCFPL **204-12**	3/4		3 25/64	2 1/2	17/32	1 3/32	7/16	1 27/64	45/64	1.2205	0.5000	M10	3/8	18	SUC 204-12	FPL 204	0.12
204		20	86	63.5	13.4	27.8	11	36.3	18	31.0	12.7				204		
UCFPL **205-14**	7/8														SUC 205-14		
205-15	15/16		3 47/64	2 3/4	35/64	1 7/64	7/16	1 7/16	43/64	1.3386	0.5630	M10	3/8	25	205-15	FPL 205	0.15
205		25	95	70	14	28	11	36.7	17	34.0	14.3				205		
205-16	1														205-16		
UCFPL **206-17**	1 1/16														SUC 206-17		
206-18	1 1/8														206-18		
206		30	4 7/32	3 17/64	9/16	1 15/64	7/16	1 5/8	3/4	1.5000	0.6260	M10	3/8	30	206	FPL 206	0.18
206-19	1 3/16		107	83	14.3	31.5	11	41.4	19.2	38.1	15.9				206-19		
206-20	1 1/4														206-20		
UCFPL **207-20**	1 1/4														SUC 207-20		
207-21	1 5/16														207-21		
207-22	1 3/8		4 41/64	3 5/8	39/64	1 3/8	33/64	1 27/32	27/32	1.6890	0.6890	M12	7/16	35	207-22	FPL 207	0.26
207		35	118	92	15.5	34.8	13	46.9	21.5	42.9	17.5				207		
207-23	1 7/16														207-23		
UCFPL **208-24**	1 1/2														SUC 208-24		
208-25	1 9/16		5 1/8	4 1/64	43/64	1 15/32	35/64	2 3/32	29/32	1.9370	0.7480	M12	7/16	40	208-25	FPL 208	0.33
208		40	130	102	17	37.5	14	53.2	23	49.2	19.0				208		
UCFPL **209-26**	1 5/8														SUC 209-26		
209-27	1 11/16		5 25/64	4 9/64	3/4	1 39/64	43/64	2 9/64	15/16	1.9370	0.7480	M16	5/8	45	209-27	FPL 209	0.42
209-28	1 3/4		137	105	19	41	17	54.2	24	49.2	19.0				209-28		
209		45													209		
UCFPL **210-30**	1 7/8														SUC 210-30		
210-31	1 15/16		5 5/8	4 3/8	53/64	1 11/16	43/64	2 17/64	63/64	2.0315	0.7480	M16	5/8	50	210-31	FPL 210	0.51
210		50	143	111	21	43	17	57.6	25	51.6	19.0				210		

UCNFL 200

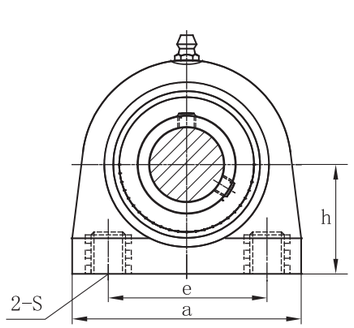
- Material:PBT
- Solid base
- Stainless steel grease nipples as standard (suffix N)

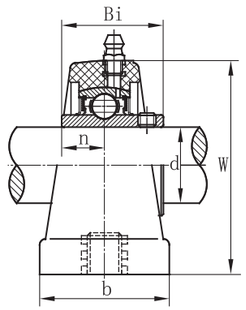




Bearing unit No.	Shaft Dia. d (in.)	d (mm)	Dimensions(in.)or(mm) a	e	b	g	l	S	Z	i	Bi	n	Bolt used (mm)	Bolt used (in.)	Torque (N.m)	Bearing No.	Housing No.	Housing weight (kg)
UCNFL **201**		12														SUC 201		
201-8	1/2															201-8		
UCNFL **202-9**	9/16															SUC 202-9		
202		15	4 29/64	3 35/64	2 9/16	29/64	1 3/64	7/16	1 21/64	39/64	1.2205	0.5000	M10	3/8	18	202	NFL 203	0.08
202-10	5/8		113	90	65	11.4	26.5	11	33.7	15.4	31.0	12.7				202-10		
UCNFL **203**		17														SUC 203		
203-11	1 1/16															203-11		
UCNFL **204-12**	3/4		4 29/64	3 35/64	2 9/16	29/64	1 3/64	7/16	1 21/64	39/64	1.2205	0.5000	M10	3/8	18	SUC 204-12	NFL 204	0.08
204		20	113	90	65	11.4	26.5	11	33.7	15.4	31.0	12.7				204		
UCNFL **205-14**	7/8															SUC 205-14		
205-15	15/16		5 5/32	3 57/64	2 47/64	17/32	1 9/64	7/16	1 7/16	43/64	1.3386	0.5630	M10	3/8	25	205-15	NFL 205	0.10
205		25	131	99	69.5	13.5	29.1	11	36.7	17	34.0	14.3				205		
205-16	1															205-16		
UCNFL **206-17**	1 1/16															SUC 206-17		
206-18	1 1/8															206-18		
206		30	5 53/64	4 39/64	3 5/32	17/32	1 13/64	7/16	1 5/8	3/4	1.5000	0.6260	M10	3/8	30	206	NFL 206	0.13
206-19	1 3/16		148	117	80	13.3	30.5	11	41.2	19	38.1	15.9				206-19		
206-20	1 1/4															206-20		
UCNFL **207-20**	1 1/4															SUC 207-20		
207-21	1 5/16															207-21		
207-22	1 3/8		6 29/64	5 1/8	3 35/64	41/64	1 19/64	33/64	1 45/64	45/64	1.6890	0.6890	M12	7/16	35	207-22	NFL 207	0.16
207		35	164	130	90	16.1	32.8	13	43.4	18	42.9	17.5				207		
207-23	1 7/16															207-23		
UCNFL **208-24**	1 1/2															SUC 208-24		
208-25	1 9/16		6 59/64	5 43/64	3 15/16	25/32	1 15/32	35/64	2 1/32	27/32	1.9370	0.7480	M12	7/16	40	208-25	NFL 208	0.24
208		40	176	144	100	20	37.5	14	51.7	21.5	49.2	19.0				208		
UCNFL **209-26**	1 5/8															SUC 209-26		
209-27	1 11/16		7 13/32	5 53/64	4 1/4	53/64	1 39/64	43/64	2 9/64	15/16	1.9370	0.7480	M16	5/8	45	209-27	NFL 209	0.32
209-28	1 3/4		188	148	108	21	41	17	54.2	24	49.2	19.0				209-28		
209		45														209		
UCNFL **210-30**	1 7/8															SUC 210-30		
210-31	1 15/16		7 3/4	6 3/16	4 17/32	53/64	1 11/16	43/64	2 17/64	63/64	2.0315	0.7480	M16	5/8	50	210-31	NFL 210	0.42
210		50	197	157	115	21	43	17	57.6	25	51.6	19.0				210		

Thermoplastic Bearing Housing





UCPL 200

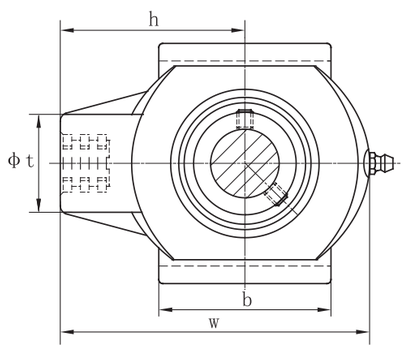
- Material:PBT
- Solid base
- Stainless steel grease nipples as standard (suffix N)

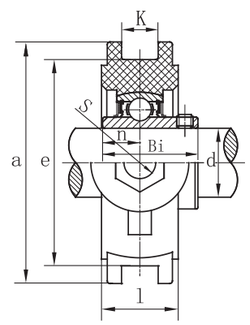
Bearing unit No.	Shaft Dia. d (in)	(mm)	Dimensions(in.)or(mm) h	a	e	S	b	W	Bi	n	Bolt used (mm)	Torque (N.m)	Bearing No.	Housing No.	Housing weight (kg)
UCPL **201**		12											SUC 201		
201–8	1/2												201–8		
UCPL **202–9**	9/16												SUC 202–9		
202		15	1 5/16	2 55/64	2	M8	1 23/64	2 19/32	1.2205	0.5000	M8	18	202	PL 203	0.13
			33.3	72,8	50.8		34.5	66	31.0	12.7					
202–10	5/8												202–10		
UCPL **203**		17											SUC 203		
203–11	11/16												203–11		
UCPL **204–12**	3/4		1 5/16	2 55/64	2	M8	1 23/64	2 19/32	1.2205	0.5000			SUC 204–12		
204		20	33.3	72,8	50.8		34.5	66	31.0	12.7	M8	18	204	PL 204	0.13
UCPL **205–14**	7/8												SUC 205–14		
205–15	15/16		1 7/16	3	2	M10	1 9/16	2 57/64	1.3386	0.5630			205–15		
205		25	36.5	76.2	50.8		39.5	73.5	34.0	14.3	M10	25	205	PL 205	0.15
205–16	1												205–16		
UCPL **206–17**	1 1/16												SUC 206–17		
206–18	1 1/8												206–18		
206		30	1 11/16	3 31/32	3	M10	1 43/64	3 5/16	1.5000	0.6260	M10	30	206	PL 206	0.24
			42.9	101	76.2		42.5	84	38.1	15.9					
206–19	1 3/16												206–19		
206–20	1 1/4												206–20		
UCPL **207–20**	1 1/4												SUC 207–20		
207–21	1 5/16												207–21		
207–22	1 3/8		1 7/8	4 21/64	3 1/4	M10	1 7/8	3 47/64	1.6890	0.6890			207–22		
207		35	47.6	110	82.6		47.5	95	42.9	17.5	M10	35	207	PL 207	0.28
207–23	1 7/16												207–23		
UCPL **208–24**	1 1/2												SUC 208–24		
208–25	1 9/16		1 15/16	4 23/32	3 1/2	M12	1 57/64	3 61/64	1.9370	0.7480			208–25		
208		40	49.2	120	88.9		48	100.5	49.2	19.0	M12	45	208	PL 208	0.39
UCPL **209–26**	1 5/8												SUC 209–26		
209–27	1 11/16		2 1/8	4 7/8	3 3/4	M12	2 1/8	4 7/32	1.9370	0.7480			209–27		
209–28	1 3/4		54	124	95.3		54	107	49.2	19.0	M12	50	209–28	PL 209	0.47
209		45											209		
UCPL **210–30**	1 7/8												SUC 210–30		
210–31	1 15/16		2 1/4	5 5/16	4	M16	2 1/8	4 17/32	2.0315	0.7480			210–31		
210		50	57.2	135	101.6		54	115	51.6	19.0	M16	55	210	PL 210	0.56

Thermoplastic Bearing Housing

UCTPL 200

- Material:PBT
- Solid base
- Stainless steel grease nipples as standard (suffix N)

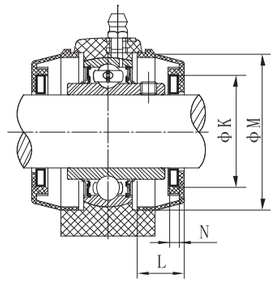


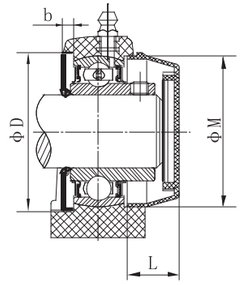


Bearing unit No.	Shaft Dia. d (in)	(mm)	Dimensions(in)or(mm) w	l	K	h	e	S	t	a	b	Bi	n	Bearing No.	Housing No.	Housing weight (kg)
UCTPL **201**		12												SUC 201		
201–8	1/2													201–8		
UCTPL **202–9**	9/16													SUC 202–9		
202		15	3 57/64	1 5/64	15/32	2 33/64	3	M16	1 27/64	3 15/32	1 27/32	1.2205	0.5000	202	TPL 203	0.16
			99	27.5	12	64	76		36	88	47	31.0	12.7			
202–10	5/8													202–10		
UCTPL **203**		17												SUC 203		
203–11	11/16													203–11		
UCTPL **204–12**	3/4		3 57/64	1 5/64	15/32	2 33/64	3	M16	1 27/64	3 15/32	1 27/32	1.2205	0.5000	SUC 204–12		
204		20	99	27.5	12	64	76		36	88	47	31.0	12.7	204	TPL 204	0.16
UCTPL **205–14**	7/8													SUC 205–14		
205–15	15/16		3 57/64	1 5/64	15/32	2 33/64	3	M16	1 27/64	3 15/32	1 27/32	1.3386	0.5630	205–15		
205		25	99	27.5	12	64	76		36	88	47	34.0	14.3	205	TPL 205	0.17
205–16	1													205–16		
UCTPL **206–17**	1 1/16													SUC 206–17		
206–18	1 1/8													206–18		
206		30	4 59/64	1 23/64	15/32	3	3 1/2	M16	1 37/64	4 1/64	2 31/64	1.5000	0.6260	206	TPL 206	0.22
			125	34.5	12	76	89		40	102	63	38.1	15.9			
206–19	1 3/16													206–19		
206–20	1 1/4													206–20		
UCTPL **207–20**	1 1/4													SUC 207–20		
207–21	1 5/16													207–21		
207–22	1 3/8		4 59/64	1 23/64	15/32	3	3 1/2	M16	1 37/64	4 1/64	2 31/64	1.6890	0.6890	207–22	TPL 207	0.26
207		35	125	34.5	12	76	89		40	102	63	42.9	17.5	207		
207–23	1 7/16													207–23		
UCTPL **208–24**	1 1/2													SUC 208–24		
208–25	1 9/16		5 33/64	1 33/64	5/8	3 11/32	4 1/64	M16	1 13/16	4 31/64	3 5/32	1.9370	0.7480	208–25	TPL 208	0.38
208		40	140	38.5	16	85	102		46	114	80	49.2	19.0	208		
UCTPL **209–26**	1 5/8													SUC 209–26		
209–27	1 11/16		5 55/64	1 37/64	5/8	3 35/64	4 1/64	M20	1 31/32	4 39/64	3 11/32	1.9370	0.7480	209–27	TPL 209	0.48
209–28	1 3/4		149	40	16	90	102		50	117	85	49.2	19.0	209–28		
209		45												209		
UCTPL **210–30**	1 7/8		3 55/64	1 37/64	5/8	3 35/64	4 1/64	M20	1 31/32	4 39/64	3 11/32	2.0315	0.7480	SUC 210–30		
210–31	1 15/16		149	40	16	90	102		50	117	85	51.6	19.0	210–31	TPL 210	0.52
210		50												210		

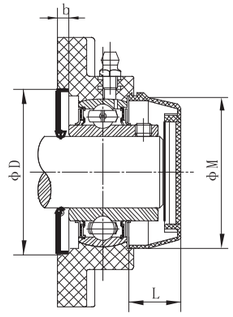
Types of Protection Available

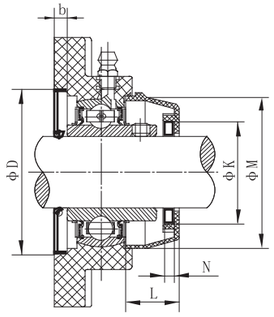
· Pillow Blocks





· Flange Units





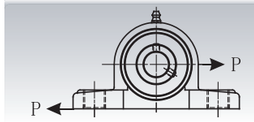
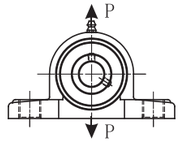
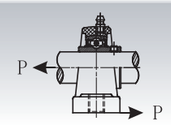
Plastic Covers (Open/Close)

Dimensions(mm)

Shaft Dia.		K	N	L	M	D	b
mm	inch						
12	1/2	32	7	23	50	52	6
15	9/16 5/8	32	7	23	50	52	6
17	11/16	32	7	23	50	52	6
20	3/4 13/16	32	7	23	50	52	6
25	13/16 7/8 15/16 1	37	7	25	55	62	6
30	1 1/16 1 1/8 1 3/16 1 1/4	42	7	30	64	72	6
35	1 1/4 1 5/16 1 3/8 1 7/16	47	7	32	74.5	82	6
40	1 1/2 1 9/16	52	7	37	84	88	6
45	1 5/8 1 11/16 1 3/4	57	7	41	89	93	6
50	1 13/16 1 7/8 1 15/16 2	62	7	47	94	98	6

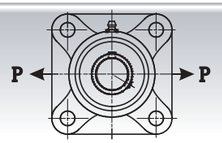
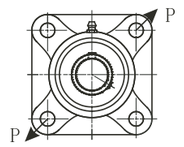
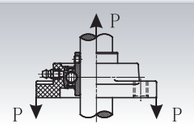
Static Breaking Strength of Thermoplastic Housing

1. UCPPL

Mode of load	Type						(N)
	204	205	206	207	208	209	210
	8800	13700	12650	12750	13100	13360	13850
	7700	10000	10600	10800	11100	11400	11750
	5000	8100	5750	7500	8500	8950	9550

Notes ：Data for reference only.

2. UCFPL

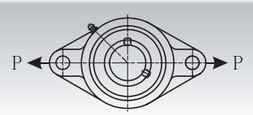
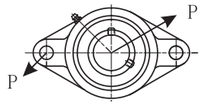
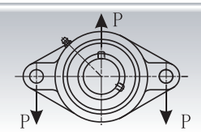
Mode of load	Type						(N)
	204	205	206	207	208	209	210
	15950	13000	18000	18500	19100	19350	19650
	10250	12150	17700	18500	19250	19350	19620
	3650	3350	3350	3520	3790	3850	3990

Notes ：Data for reference only.

Static Breaking Strength of Thermoplastic Housing

3. UCNFL

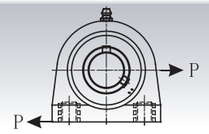
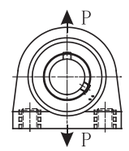
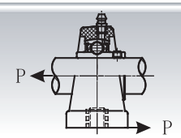
(N)

Mode of load	Type						
	204	205	206	207	208	209	210
	11750	11375	16450	16900	17350	17600	17950
	11000	13850	13350	13950	14050	14300	14550
	8500	11100	14200	14900	15150	15350	15650

注 ： 表中数据仅供参考

4. UCPL

(N)

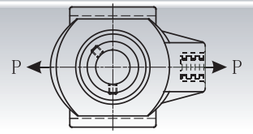
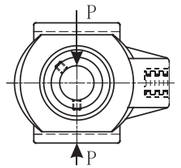
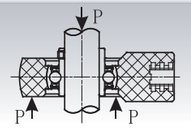
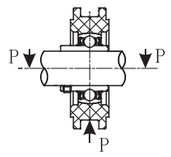
Mode of load	Type						
	204	205	206	207	208	209	210
	8210	8540	10370	12150	12230	12900	13850
	6900	7010	6580	8080	9100	10400	11050
	2980	2850	4950	8160	9800	10710	11360

Notes：Data for reference only.

Static Breaking Strength of Thermoplastic Housing

5.UCTPL

(N)

Mode of load	Type						
	204	205	206	207	208	209	210
	14800	15500	15800	16500	17300	18210	18860
	3930	4530	5100	6500	7800	8710	9750
	8500	10350	10900	11300	12150	12900	13550
	40770	45300	46100	44100	42800	44230	44880

Notes：Data for reference only.

Spherical outside surface ball bearing (insert bearing)

High rotation speed Low noise Long service life

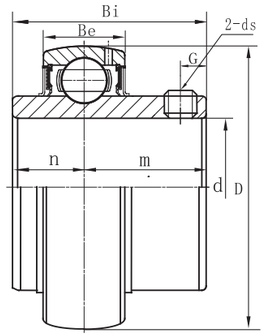
The spherical outside surface ball bearing is a bearing based on the 62 and 63 series deep groove ball bearing, generally with double-sided sealing structure.

Features: Large load capacity, good sealing quality, self aligning, easy to install and repair, high impact fatigue strength, good wear resistance, high rotational accuracy, good lubrication, multiple oiling methods for easy operation.

Application: Applicable to fixed or changing rotation direction, relatively high rotation speed, and stable operation; the ones secured by the interference-fit method can also be used in application with high rotation speed and changing direction.

UC
Undertakes Boundless Driving Force

Ball Bearings(with setscrews)



SR type seal

TRL type seal

UC 200

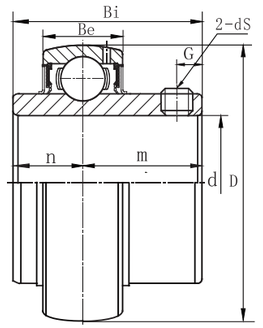
(normal-duty)

Bearing No.	Shaft Dia. d (in)	d (mm)	D	Bi	Be	n	m	G	ds	Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)	Weight (kg)
UC 201		12	1.8504	1.2205	0.6693	0.5000	0.7205	0.1772	1/4 -28UNF	1310	679	0.21
201-8	1/2		47	31.0	17	12.7	18.3	4.5	M6X1.0			0.21
UC 202		15	1.8504	1.2205	0.6693	0.5000	0.7205	0.1772	1/4 -28UNF	1310	679	0.19
202-10	5/8		47	31.0	17	12.7	18.3	4.5	M6X1.0			0.19
UC 203		17	1.8504	1.2205	0.6693	0.5000	0.7205	0.1772	1/4 -28UNF	1310	679	0.18
203-11	11/16		47	31.0	17	12.7	18.3	4.5	M6X1.0			
UC 204-12	3/4		1.8504	1.2205	0.6693	0.5000	0.7205	0.1772	1/4 -28UNF	1310	679	0.16
204		20	47	31.0	17	12.7	18.3	4.5	M6X1.0			0.16
UC 205-14	7/8											0.23
205-15	15/16		2.0472	1.3386	0.6693	0.5630	0.7760	0.2126	1/4 -28UNF	1431	804	0.21
205		25	52	34	17	14.3	19.7	5.4	M6X1.0			0.20
205-16	1											0.20
UC 206-18	1 1/8											0.34
206		30	2.4409	1.5000	0.7480	0.6260	0.8740	0.2165	1/4 -28UNF	1986	1154	0.32
206-19	1 3/16		62	38.1	19	15.9	22.2	5.5	M6X1.0			0.32
206-20	1 1/4											
UC 207-20	1 1/4											0.54
207-21	1 5/16											0.51
207-22	1 3/8		2.8346	1.6890	0.7874	0.6890	1.0000	0.2559	5/16-24UNF	2619	1561	0.48
207		35	72	42.9	20	17.5	25.4	6.5	M8X1.0			0.46
207-23	1 7/16											0.45
UC 208-24	1 1/2											0.68
208-25	1 9/16		3.1496	1.9370	0.8268	0.7480	1.1890	0.3150	5/16-24UNF	3012	1851	0.65
208		40	80	49.2	21	19.0	30.2	8	M8X1.0			0.62
UC 209-26	1 5/8											0.78
209-27	1 11/16		3.3465	1.9370	0.8661	0.7480	1.1890	0.3150	5/16-24UNF	3232	2110	0.74
209-28	1 3/4		85	49.2	22	19.0	30.2	8	M8X1.0			0.70
209		45										0.68
UC 210-30	1 5/8											0.84
210-31	1 15/16		3.5433	2.0315	0.9449	0.7480	1.2835	0.3937	3/8 -24UNF	3579	2365	0.79
210		50	90	51.6	24	19.0	32.6	10	M10X1.0			0.76
210-32	2											
UC 211-32	2											1.26
211-34	2 1/8		3.9370	2.1890	0.9843	0.8740	1.3150	0.3937	3/8 -24UNF	4427	2982	1.15
211		55	100	55.6	25	22.2	33.4	10	M10X1.0			1.01
211-35	2 3/16											1.09
UC 212-36	2 1/4											1.60
212		60	4.3307	2.5630	1.0630	1.0000	1.5630	0.3937	3/8 -24UNF	4873	3360	1.45
212-38	2 3/8		110	65.1	27	25.4	39.7	10	M10X1.0			1.45
212-39	2 7/16											1.33
UC 213-40	2 1/2		4.7244	2.5630	1.1024	1.0000	1.5630	0.3937	3/8 -24UNF	5838	4082	1.94
213		65	120	65.1	28	25.4	39.7	10	M10X1.0			1.80
UC 214-44	2 3/4		4.9213	2.9370	1.1811	1.1890	1.7480	0.4724	7/16-20UNF	6207	4595	2.06
214		70	125	74.6	30	30.2	44.4	12	M12X1.5			1.99
UC 215		75	5.1181	3.0630	1.1811	1.3110	1.7520	0.4724	7/16-20UNF	6746	5051	2.19
215-47	2 15/16		130	77.8	30	33.3	44.5	12	M12X1.5			2.12
215-48	3											
UC 216			5.5118	3.2520	1.2992	1.3110	1.9410	0.5512	7/16-20UNF	7301	5541	2.72
216-50	3 1/8	80	140	82.6	33	33.3	49.3	14	M12X1.5			
UC 217-52	3 1/4		5.9055	3.3740	1.3780	1.3425	2.0315	0.5512	7/16-20UNF	8491	6527	3.66
217		85	150	85.7	35	34.1	51.6	14	M12X1.5			3.45
UC 218-56	3 1/2		6.2992	3.7795	1.4567	1.5630	2.2165	0.5512	1/2 -20UNF	9794	7291	4.46
218		90	160	96.0	37	39.7	56.3	14	M12X1.5			4.35

Ball Bearings(with setscrews)

UC X00

(medium-duty)

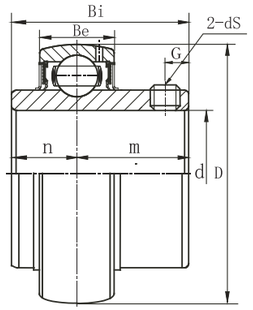


SR type seal

TRL type seal

Bearing No.	Shaft Dia. d (in)	d (mm)	D	Bi	Be	n	m	G	ds	Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)	weight (kg)
UC X05		25	2.4409	1.5000	0.7480	0.6260	0.8740	0.2362	1/4 -28UNF	1986	1154	0.38
X05-16	1		62	38.1	19	15.9	22.2	6.0	M6X1.0			0.37
UC X06		30										0.55
X06-19	1 3/16		2.8346	1.6890	0.7874	0.6890	1.0000	0.2559	5/16-24UNF	2619	1561	0.54
X06-20	1 1/4		72	42.9	20	17.5	25.4	6.5	M8X1.0			0.52
UC X07-20	1 1/4											0.79
X07-22	1 3/8		3.1496	1.9370	0.8268	0.7480	1.1890	0.3150	5/16-24UNF	3012	1851	0.73
X07		35	80	49.2	21	19.0	30.2	8.0	M8X1.0			0.72
X07-23	1 7/16											0.69
UC X08-24	1 1/2		3.3465	1.9370	0.8661	0.7480	1.1890	0.3150	5/16-24UNF	3232	2110	0.84
X08		40	85	49.2	22	19.0	30.2	8.0	M8X1.0			0.80
UC X09-27	1 11/16											0.96
X09-28	1 3/4		3.5433	2.0315	0.9449	0.7480	1.2835	0.3937	3/8 -24UNF	3579	2365	0.92
X09		45	90	51.6	24	19.0	32.6	10	M10X1.0			0.90
UC X10-31	1 15/16											1.22
X10		50	3.9370	2.1890	0.9843	0.8740	1.3150	0.3937	3/8 -24UNF	4427	2982	1.20
X10-32	2		100	55.6	25	22.2	33.4	10	M10X1.0			1.17
UC X11		55										1.67
X11-32	2		4.3307	2.5630	1.0630	1.0000	1.5630	0.3937	3/8 -24UNF	4873	3360	1.85
X11-35	2 3/16		110	65.1	27	25.4	39.7	10	M10X1.0			1.65
X11-36	2 1/4											1.58
UC X12		60										2.04
X12-36	2 1/4		4.7244	2.5630	1.1024	1.0000	1.5630	0.3937	3/8 -24UNF	5838	4082	2.18
X12-38	2 3/8		120	65.1	28	25.4	39.7	10	M10X1.0			2.03
X12-39	2 7/16											1.95
UC X13-40	2 1/2		4.9213	2.9370	1.1811	1.1890	1.7480	0.4724	7/16-20UNF	6207	4595	2.38
X13		65	125	74.6	30	30.2	44.4	12.0	M12X1.5			2.30
UC X14-44	2 3/4		5.1181	3.0630	1.1811	1.3110	1.7520	0.4724	7/16-20UNF	6746	5051	2.54
X14		70	130	77.8	30	33.3	44.5	12.0	M12X1.5			2.53
UC X15		75	5.5118	3.2520	1.2992	1.3110	1.9410	0.5512	7/16-20UNF	7301	5541	3.41
X15-47	2 15/16		140	82.6	33	33.3	49.3	14.0	M12X1.5			3.32
X15-48	3											
UC X16		80	5.9055	3.3740	1.3780	1.3425	2.0315	0.5511	7/16-20UNF	8491	6527	3.87
X16-50	3 1/8		150	85.7	35	34.1	51.6	14.0	M12X1.5			
UC X17		85	6.2992	3.7795	1.4567	1.5630	2.2165	0.5906	7/16-20UNF	9794	7291	5.05
X17-52	3 1/4		160	96.0	37	39.7	56.3	15.0	M12X1.5			
UC X18-56	3 1/2		6.6929	4.0945	1.5354	1.6890	2.4055	0.6299	1/2 -20UNF	11253	8450	6.12
X18		90	170	104.0	39	42.9	61.1	16.0	M14X1.5			6.00
UC X20		100	7.4803	4.6260	1.7323	1.9370	2.6890	0.7087	5/8 -18UNF	13570	10658	8.56
X20-64	4		190	117.5	44	49.2	68.3	18.0	M16X1.5			8.33

Ball Bearings(with setscrews)



SR type seal

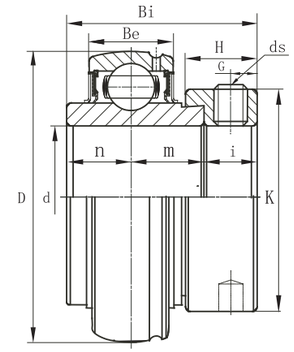
TRL type seal

UC 300
(heavy-duty)

Bearing No.	Shaft Dia. d (in)	d (mm)	D	Bi	Be	n	m	G	ds	Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)	weight (kg)
UC **305**		25	2.4409	1.4961	0.8661	0.5906	0.9055	0.2362	1/4 -28UNF	2284	1172	0.45
305-16	1		62	38	22	15	23	6	M6X1.0			0.44
UC **306-18**	1 1/8											
306		30	2.8346	1.6929	0.9449	0.6693	1.0236	0.2362	1/4 -28UNF	2755	1550	0.58
306-20	1 1/4		72	43	24	17	26	6	M6X1.0			0.56
UC **307-20**	1 1/4											0.77
307-22	1 3/8		3.1496	1.8897	1.0236	0.7480	1.1417	0.3150	5/16-24UNF	3404	1960	
307		35	80	48	26	19	29	8	M8X1.0			0.71
												0.71
UC **308-24**	1 1/2		3.5433	2.0472	1.1024	0.7480	1.2992	0.3937	3/8 -24UNF	4158	2450	1.05
308		40	90	52	28	19	33	10	M10X1.25			1.00
UC **309-28**	1 3/4		3.9370	2.2441	1.1811	0.8661	1.3780	0.3937	3/8 -24UNF	5394	3248	1.35
309		45	100	57	30	22	35	10	M10X1.25			1.33
UC **310-31**	1 15/16											
310		50	4.3307	2.4015	1.2595	0.8661	1.5354	0.4724	1/2 -20UNF	6312	3871	1.72
310-32	2		110	61	32	22	39	12	M12X1.5			1.69
UC **311-32**	2		4.7244	2.5984	1.3386	0.9842	1.6142	0.4724	1/2 -20UNF	7303	4567	2.08
311		55	120	66	34	25	41	12	M12X1.5			1.90
UC **312**		60	5.1181	2.7953	1.4173	1.0236	1.7717	0.4724	1/2 -20UNF	8342	5291	2.60
312-36	2 1/4		130	71	36	26	45	12	M12X1.5			
UC **313-40**	2 1/2		5.5118	2.9528	1.4961	1.1881	1.7717	0.4724	1/2 -20UNF	9579	6167	3.24
313		65	140	75	38	30	45	12	M12X1.5			3.16
UC **314-44**	2 3/4		5.9055	3.0709	1.5748	1.2992	1.7717	0.4724	1/2 -20UNF	10626	6943	3.91
314		70	150	78	40	33	45	12	M12X1.5			3.90
UC **315**		75	6.2992	3.2283	1.6535	1.2598	1.9685	0.5512	9/16-18UNF	11573	7854	4.70
315-48	3		160	82	42	32	50	14	M14X1.5			4.61
UC **316**		80	6.6929	3.3858	1.7323	1.3386	2.0472	0.5512	9/16-18UNF	12545	8827	5.60
316-50	3 1/8		170	86	44	34	52	14	M14X1.5			
UC **317**		85	7.0866	3.7795	1.8110	1.5748	2.2047	0.6299	5/8 -18UNF	13538	9855	6.90
317-52	3 1/4		180	96	46	40	56	16	M16X1.5			
UC **318-56**	3 1/2		7.4803	3.7795	1.8898	1.5748	2.2047	0.6299	5/8 -18UNF	14699	11070	8.03
318		90	190	96	48	40	56	16	M16X1.5			7.87
UC **319**		95	7.8740	4.0551	1.9685	1.6142	2.4409	0.6299	5/8 -18UNF	15986	12447	8.91
			200	103	50	41	62	16	M16X1.5			
UC **320**		100	8.4646	4.2519	2.2160	1.6535	2.5984	0.7087	5/8 -18UNF	17651	14326	11.2
320-64	4		215	108	54	42	66	18	M18X1.5			11.0
UC **322**		110	9.4488	4.6063	2.3622	1.8110	2.7953	0.7087	5/8 -18UNF	20914	18195	15.1
			240	117	60	46	71	18	M18X1.5			
UC **324**		120	10.2362	4.9606	2.5197	2.0079	2.9527	0.7087	5/8 -18UNF	23223	21163	19.0
			260	126	64	51	75	18	M18X1.5			
UC **326**		130	11.0236	5.3150	2.6772	2.1260	3.1890	0.7874	3/4 -16UNF	25858	24670	23.6
			280	135	68	54	81	20	M20X1.5			
UC **328**		140	11.8110	5.7086	2.8346	2.3228	3.3858	0.7874	3/4 -16UNF	28040	27769	29.4
			300	145	72	59	86	20	M20X1.5			

Ball Bearings(with eccentric locking collar)

EW 200 =
HC 200
(normal-duty)

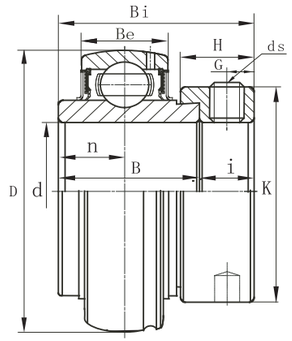


SR type seal

TRL type seal

Bearing No.	Shaft Dia. d (in)	d (mm)	D	Bi	Be	n	m	i	K	H	G	ds	Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)	weight (kg)
HC **203**		17	1.5748	1.4685	0.5512	0.5472	0.5472	0.3740	1.1260	0.5315	0.1968	1/4 -28UNF	977	489	0.25
203-11	11/16		40	37.3	14	13.9	13.9	9.5	28.6	13.5	5.0	M6X1			
HC **204-12**	3/4		1.8504	1.7205	0.6693	0.6732	0.6732	0.3740	1.3110	0.5315	0.1968	1/4 -28UNF	1310	1561	0.23
204		20	47	43.7	17	17.1	17.1	9.5	33.3	13.5	5.0	M6X1			0.22
HC **205-14**	7/8														0.29
205-15	15/16		2.0472	1.7441	0.6693	0.6850	0.6850	0.3740	1.5000	0.5315	0.1968	1/4 -28UNF	1431	804	0.27
205		25	52	44.3	17	17.4	17.4	9.5	38.1	13.5	5.0	M6X1			0.25
205-16	1														0.25
HC **206-18**	1 1/8														0.43
206		30	2.4409	1.9055	0.7480	0.7205	0.7165	0.4685	1.7520	0.6260	0.2362	5/16-28UNF	1986	1154	0.41
206-19	1 3/16		62	48.4	19	18.3	18.2	11.9	44.5	15.9	6.0	M8X1			0.41
206-20	1 1/4														0.38
HC **207-20**	1 1/4														0.68
207-22	1 3/8		2.8346	2.0118	0.7874	0.7402	0.7402	0.5315	2.1890	0.6890	0.2559	5/16-24UNF	2619	1561	0.61
207		35	72	51.1	20	18.8	18.8	13.5	55.6	17.5	6.5	M8X1			0.61
207-23	1 7/16														0.58
HC **208-24**	1 1/2		3.1496	2.2165	0.8268	0.8425	0.8425	0.5315	2.3740	0.7205	0.2559	5/16-24UNF	3012	1851	0.83
208		40	80	56.3	21	21.4	21.4	13.5	60.3	18.3	6.5	M8X1			0.79
															0.78
HC **209-26**	1 5/8														0.96
209-27	1 11/16		3.3465	2.2165	0.8661	0.8425	0.8425	0.5315	2.5000	0.7205	0.2559	5/16-24UNF	3232	2110	0.91
209-28	1 3/4		85	56.3	22	21.4	21.4	13.5	63.5	18.3	6.5	M8X1			0.87
209		45													0.85
HC **210-31**	1 15/16														1.04
210		50	3.5433	2.4685	0.9449	0.9685	0.9685	0.5315	2.7520	0.7205	0.2559	5/16-24UNF	3579	2365	
210-32	2		90	62.7	24	24.6	24.6	13.5	69.9	18.3	6.5	M8X1			1.01
HC **211-32**	2														1.58
211		55	3.9370	2.8110	0.9843	1.0940	1.0906	0.6260	3.0000	0.8150	0.3150	3/8 -24UNF	4427	2982	1.39
211-35	2 3/16		100	71.4	25	27.8	27.7	15.9	76.2	20.7	8.0	M10X1			1.36
HC **212-36**	2 1/4														2.03
212		60	4.3307	3.0630	1.0630	1.2200	1.2165	0.6260	3.3150	0.8780	0.3150	3/8 -24UNF	4873	3360	1.87
212-39	2 7/16		110	77.8	27	31.0	30.9	15.9	84.2	22.3	8.0	M10X1			1.76
HC **213-40**	2 1/2		4.7244	3.3740	1.1024	1.3425	1.3580	0.6732	3.3858	0.9252	0.3346	3/8 -24UNF	5838	4082	2.51
213		65	120	85.7	28	34.1	34.5	17.1	86	23.5	8.5	M10X1			
HC **215-47**	2 15/16														
215		75	5.1181	3.6260	1.1811	1.4685	1.4840	0.6732	4.0157	0.9252	0.3346	3/8 -24UNF	6746	5051	2.74
215-48	3		130	92.1	30	37.3	37.7	17.1	102	23.5	8.5	M10X1			

Ball Bearings(with eccentric locking collar)



SR type seal

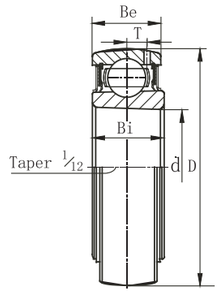
TRL type seal

EW 300 =
HC 300
(heavy-duty)

Bearing	Shaft Dia.		Dimensions(in)or(mm)										Basic Dynamic Load Rating	Basic Static Load Rating	weight
No.	d		D	Bi	Be	n	B	i	K	H	G	ds			
	(in)	(mm)											(kgf)	(kgf)	(kg)
HC 305-14	7/8		2.4409	1.8425	0.8661	0.6575	1.3740	0.4685	1.6850	0.6260	0.2362	5/16-24UNF	2284	1172	0.46
305-15	15/16	25	62	46.8	22	16.7	34.9	11.9	42.8	15.9	6	M8X1.0			0.44
305															0.43
305-16	1														0.43
HC 306-18	1 1/8		2.8346	1.9685	0.9449	0.6890	1.4370	0.5315	1.9685	0.6890	0.2638	5/16-24UNF	2755	1550	0.71
306		30	72	50	24	17.5	36.5	13.5	50	17.5	6.7	M8X1.0			0.68
306-20	1 1/4														0.68
HC 307-20	1 1/4														0.86
307-21	1 5/16		3.1496	2.0315	1.0236	0.7205	1.5000	0.5315	2.1654	0.6890	0.2638	5/16-24UNF	3404	1980	0.83
307-22	1 3/8		80	51.6	26	18.3	38.1	13.5	55	17.5	6.7	M8X1.0			0.80
307		35													0.80
307-23	1 7/16														0.78
HC 308-24	1 1/2		3.5433	2.2480	1.1024	0.7795	1.6260	0.6220	2.5000	0.8110	0.3150	3/8-24UNF	4158	2450	1.13
308-25	1 9/16		90	57.1	28	19.8	41.3	15.8	63.5	20.6	8	M10X1.25			1.13
308		40													1.08
HC 309-26	1 5/8		3.9370	2.3110	1.1811	0.7795	1.6890	0.6220	2.7559	0.8110	0.3150	3/8-24UNF	5394	3248	1.57
309-27	1 11/16		100	58.7	30	19.8	42.9	15.8	70	20.6	8	M10X1.25			1.52
309-28	1 3/4														1.47
309		45													1.45
HC 310-30	1 7/8		4.3307	2.6220	1.2595	0.9685	1.9370	0.6850	3.0000	0.8740	0.3425	3/8-24UNF	6312	3871	1.93
310-31	1 15/16		110	66.6	32	24.6	49.2	17.4	76.2	22.2	8.7	M10X1.25			1.88
310		50													1.86
310-32	2														1.84
HC 311-32	2		4.7244	2.8740	1.3386	1.0945	2.1890	0.6850	3.2677	0.8740	0.3543	3/8-24UNF	7303	4567	2.49
311-34	2 1/8		120	73	34	27.8	55.6	17.4	83	22.2	9	M10X1.25			2.36
311		55													2.30
311-35	2 3/16														2.24
HC 312-36	2 1/4		5.1181	3.1260	1.4173	1.2185	2.4370	0.6890	3.5039	0.9409	0.3543	3/8-24UNF	8342	5291	2.95
312		60	130	79.4	36	30.95	61.9	17.5	89	23.9	9	M10X1.25			2.89
312-38	2 3/8														2.89
312-39	2 7/16														2.86
HC 313-40	2 1/2		5.5118	3.3740	1.4961	1.2795	2.5630	0.8110	3.8189	1.0630	0.4528	1/2-20UNF	9579	6167	3.85
313		65	140	85.7	38	32.5	65.1	20.6	97	27	11.5	M12X1.5			3.66
HC 314-44	2 3/4		5.9055	3.6260	1.5748	1.3445	2.6890	0.9370	4.0157	1.1890	0.4724	1/2-20UNF	10626	6943	4.40
314		70	150	92.1	40	34.15	68.3	23.8	102	30.2	12	M12X1.5			4.50
HC 315		75	6.2992	3.9370	1.6535	1.4685	2.9370	1.0000	4.4488	1.2520	0.5118	5/8-18UNF	11573	7854	5.34
315-48	3		160	100	42	37.3	74.6	25.4	113	31.8	13	M16X1.5			5.34
HC 316		80	6.6929	4.1890	1.7323	1.5945	3.1890	1.0000	4.6850	1.2520	0.5118	5/8-18UNF	12545	8827	6.70
316-50	3 1/8		170	106.4	44	40.5	81	25.4	119	31.8	13	M16X1.5			
HC 317		85	7.0866	4.3110	1.8110	1.6535	3.3110	1.0000	5.0000	1.2520	0.5118	5/8-18UNF	13538	9855	8.03
317-52	3 1/4		180	109.5	46	42	84.1	25.4	127	31.8	13	M16X1.5			7.96
HC 318-56	3 1/2		7.4803	4.5630	1.8898	1.7165	3.4370	1.1260	5.2362	1.4370	0.5709	3/4-16UNF	14699	11070	9.10
318		90	190	115.9	48	43.6	87.3	28.6	133	36.5	14.5	M20X1.5			9.10
HC 319		95	7.8740	4.8150	1.9685	1.8425	3.6890	1.1260	5.5118	1.4370	0.5709	3/4-16UNF	15986	12447	10.4
319-60	3 3/4		200	122.3	50	46.8	93.7	28.6	140	36.5	14.5	M20X1.5			
HC 320		100	8.4646	5.0630	2.2160	1.9685	3.9370	1.1260	5.7480	1.4370	0.5709	3/4-16UNF	17651	14326	13.0
320-64	4		215	128.6	54	50	100	28.6	146	36.5	14.5	M20X1.5			13.0

UK Ball Bearings(with tapered bore)

UK 200
(normal-duty)

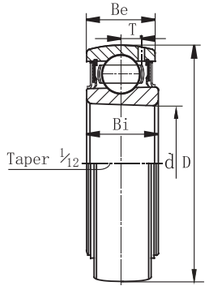


SR type seal

TRL type seal

Bearing	Shaft Dia.	Dimensions(in)or(mm)						Basic Dynamic Load Rating	Basic Static Load Rating	Weight
No.	d	D	Bi	Be	Bi	T				
	(mm)				(TRL)			(kgf)	(kgf)	(kg)
UK 205	25	2.0472 52	0.9055 23	0.6693 17	0.9449 24	0.1654 4.2		1431	804	0.16
UK 206	30	2.4409 62	1.0236 26	0.7480 19	1.0630 27	0.2047 5.2		1986	1154	0.25
UK 207	35	2.8346 72	1.1024 28	0.7874 20	1.1811 30	0.2323 5.9		2619	1561	0.37
UK 208	40	3.1496 80	1.1417 29	0.8267 21	1.3386 34	0.2441 6.2		3012	1851	0.47
UK 209	45	3.3465 85	1.2205 31	0.8661 22	1.4173 36	0.2598 6.6		3232	2110	0.52
UK 210	50	3.5433 90	1.2205 31	0.9449 24	1.4173 36	0.2559 6.5		3579	2365	0.59
UK 211	55	3.9370 100	1.3386 34	0.9843 25	1.5748 40	0.2756 7.0		4427	2982	0.80
UK 212	60	4.3307 110	1.4173 36	1.0630 27	1.8504 47	0.2992 7.6		4873	3360	1.02
UK 213	65	4.7244 120	1.4173 36	1.1024 28	1.8504 47	0.3346 8.5		5838	4082	1.34
UK 215	75	5.1181 130	1.6142 41	1.1811 30	2.0079 51	0.3543 9.0		6746	5051	1.50
UK 216	80	5.5118 140	1.7323 44	1.2992 33	2.1654 55	0.4055 10.3		7301	5541	1.96
UK 217	85	5.9055 150	1.8110 46	1.3780 35	2.2441 57	0.4016 10.2		8491	6527	2.42
UK 218	90	6.2992 160	1.8898 48	1.4567 37	2.4803 63	0.4409 11.2		9794	7291	3.00

UK Ball Bearings(with tapered bore)



SR type seal

UK X00

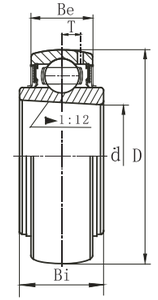
(medium-duty)

Bearing No.	Shaft Dia. d	Dimensions(in)or(mm) D	Bi	Be	T	Basic Dynamic Load Rating	Basic Static Load Rating	Weight
	(mm)					(kgf)	(kgf)	(kg)
UK **X05**	25	2.4409 62	1.0236 26	0.7480 19	0.2047 5.2	1986	1154	0.37
UK **X06**	30	2.8346 72	1.0630 27	0.7874 20	0.2323 5.9	2619	1561	0.54
UK **X07**	35	3.1496 80	1.1417 29	0.8267 21	0.2441 6.2	3012	1851	0.70
UK **X08**	40	3.3465 85	1.1811 30	0.8661 22	0.2598 6.6	3232	2110	0.81
UK **X09**	45	3.5433 90	1.2205 31	0.9449 24	0.2559 6.5	3579	2365	0.94
UK **X10**	50	3.9370 100	1.2992 33	0.9843 25	0.2756 7.0	4427	2982	1.22
UK **X11**	55	4.3307 110	1.4173 36	1.0630 27	0.2992 7.6	4873	3360	1.54
UK **X12**	60	4.7244 120	1.4960 38	1.1024 28	0.3346 8.5	5838	4082	1.89
UK **X13**	65	4.9212 125	1.5748 40	1.1811 30	0.3543 9.0	6207	4595	2.09
UK **X15**	75	5.5118 140	1.7323 44	1.2992 33	0.4055 10.3	7301	5541	3.25
UK **X16**	80	5.9055 150	1.8110 46	1.3780 35	0.4016 10.2	8491	6527	3.86
UK **X17**	85	6.2992 160	1.9291 49	1.4567 37	0.4409 11.2	9794	7291	4.72
UK **X18**	90	6.6929 170	2.0472 52	1.4960 38	0.4685 11.9	11253	8450	5.11
UK **X20**	100	7.4803 190	2.2835 58	1.6535 42	0.5118 13	13570	10658	8.1

UK Ball Bearings(with tapered bore)

UK 300

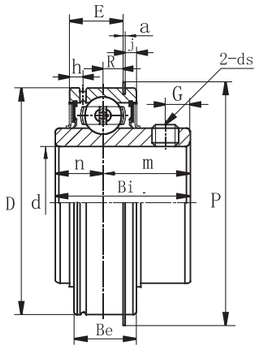
(heavy-duty)



SR type seal

Bearing No.	Shaft Dia. d	Dimensions(in)or(mm) D	Bi	Be	T	Basic Dynamic Load Rating	Basic Static Load Rating	Weight
	(mm)					(kgf)	(kgf)	(kg)
UK **305**	25	2.4409 62	1.0630 27	0.8661 22	0.2401 6.1	2284	1172	0.48
UK **306**	30	2.8346 72	1.1811 30	0.9449 24	0.2638 6.7	2755	1550	0.59
UK **307**	35	3.1496 80	1.2992 33	1.0236 26	0.2913 7.4	3404	1960	0.74
UK **308**	40	3.5433 90	1.3780 35	1.1024 28	0.3228 8.2	4158	2450	1.01
UK **309**	45	3.9370 100	1.4961 38	1.1811 30	0.3543 9	5394	3248	1.31
UK **310**	50	4.3307 110	1.5748 40	1.2598 32	0.3937 10	6312	3871	1.68
UK **311**	55	4.7244 120	1.6929 43	1.3386 34	0.4212 10.7	7303	4567	2.06
UK **312**	60	5.1181 130	1.8504 47	1.4173 36	0.4527 11.5	8342	5291	2.53
UK **313**	65	5.5118 140	1.8898 48	1.4961 38	0.4803 12.2	9579	6167	3.07
UK **315**	75	6.2992 160	2.1259 54	1.6535 42	0.5433 13.8	11573	7854	4.74
UK **316**	80	6.6929 170	2.1654 55	1.7323 44	0.5709 14.5	12545	8827	5.62
UK **317**	85	7.0866 180	2.3622 60	1.8110 46	0.6063 15.4	13538	9855	6.56
UK **318**	90	7.4803 190	2.4803 63	1.8898 48	0.6496 16.5	14699	11070	7.52
UK **319**	95	7.8740 200	2.5984 66	1.9685 50	0.6574 16.7	15986	12447	8.72
UK **320**	100	8.4646 215	2.8346 72	2.1260 54	0.7480 19	17651	14326	10.8
UK **322**	110	9.4488 240	3.1496 80	2.3622 60	0.8268 21	20914	18195	14.4
UK **324**	120	10.2362 260	3.3858 86	2.5197 64	0.8661 22	23223	21163	18.0
UK **326**	130	11.0236 280	3.6220 92	2.6772 68	0.9055 23	25858	24670	23.3
UK **328**	140	11.8110 300	3.8582 98	2.8346 72	0.9843 25	28040	27769	28.8

Ball Bearings(with locating snap ring)

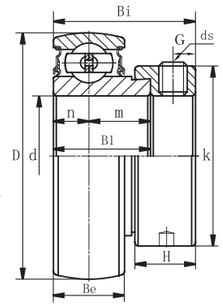


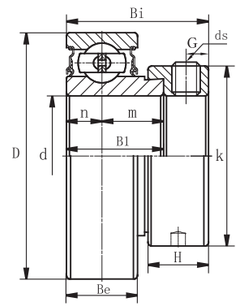
SER 200
(normal–duty)

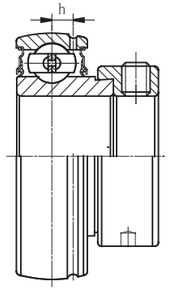
Bearing No.	Shaft Dia. d (in)	d (mm)	D	Bi	Be	n	m	E	a	h	R	j	p	G	ds	Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)	Weight (kg)
SER **201**		12	1.8504	1.2205	0.6260	0.5000	0.7205	0.4760	0.0421	0.1575	0.1630	0.0969	2.0748	0.1890	1/4 –28UNF	1310	679	0.22
201–8	1/2		47	31.0	15.9	12.7	18.3	12.09	1.07	4.0	4.14	2.46	52.7	4.8	M6X1.0			
SER **202**		15	1.8504	1.2205	0.6260	0.5000	0.7205	0.4760	0.0421	0.1575	0.1630	0.0969	2.0748	0.1890	1/4 –28UNF	1310	679	0.22
202–10	5/8		47	31.0	15.9	12.7	18.3	12.09	1.07	4.0	4.14	2.46	52.7	4.8	M6X1.0			
SER **203**		17	1.8504	1.2205	0.6260	0.5000	0.7205	0.4760	0.0421	0.1575	0.1630	0.0969	2.0748	0.1890	1/4 –28UNF	1310	679	0.22
203–11	11/16		47	31.0	15.9	12.7	18.3	12.09	1.07	4.0	4.14	2.46	52.7	4.8	M6X1.0			
SER **204–12**	3/4		1.8504	1.2205	0.6260	0.5000	0.7205	0.4760	0.0421	0.1575	0.1630	0.0969	2.0748	0.1890	1/4 –28UNF	1310	679	0.21
204		20	47	31.0	15.9	12.7	18.3	12.09	1.07	4.0	4.14	2.46	52.7	4.8	M6X1.0			
SER **205–14**	7/8																	
205–15	15/16		2.0472	1.3740	0.7520	0.5158	0.8583	0.6020	0.0421	0.2047	0.2260	0.0969	2.2795	0.2205	1/4 –28UNF	1431	804	0.27
205		25	52	34.9	19.1	13.1	21.8	15.29	1.07	5.2	5.74	2.46	57.9	5.6	M6X1.0			
205–16	1																	
SER **206–18**	1 1/8																	
206		30	2.4409	1.5000	0.8740	0.6260	0.8740	0.6701	0.0650	0.2205	0.2331	0.1291	2.6654	0.2205	1/4 –28UNF	1986	1154	0.39
206–19	1 3/16		62	38.1	22.2	15.9	22.2	17.02	1.65	5.6	5.92	3.28	67.7	5.6	M6X1.0			
206–20	1 1/4																	
SER **207–20**	1 1/4																	
207–22	1 3/8		2.8346	1.6890	0.9370	0.6890	1.0000	0.7362	0.0650	0.2205	0.2645	0.1291	3.0944	0.2560	5/16–24UNF	2619	1561	0.56
207		35	72	42.9	23.8	17.5	25.4	18.62	1.65	5.6	6.72	3.28	78.6	6.5	M8X1.0			
207–23	1 7/16																	
SER **208–24**	1 1/2		3.1496	1.9370	1.0945	0.7480	1.1890	0.8905	0.0650	0.2520	0.3433	0.1291	3.4094	0.3150	5/16–24UNF	3012	1851	0.72
208		40	80	49.2	27.8	19.0	30.2	22.62	1.65	6.4	8.72	3.28	86.6	8.0	M8X1.0			
SER **209–26**	1 5/8																	
209–27	1 11/16		3.3465	1.9370	1.0945	0.7480	1.1890	0.8905	0.0650	0.2520	0.3433	0.1291	3.6062	0.3150	5/16–24UNF	3232	2110	0.90
209–28	1 3/4		85	49.2	27.8	19.0	30.2	22.62	1.65	6.4	8.72	3.28	91.6	8.0	M8X1.0			
209		45																
SER **210–30**	1 7/8																	
210–31	1 15/16		3.5433	2.0315	0.1260	0.7480	1.2835	0.8906	0.0949	0.2953	0.3275	0.1291	3.7992	0.3740	3/8 –24UNF	3579	2365	0.93
210		50	90	51.6	28.6	19.0	32.6	22.62	2.41	7.5	8.32	3.28	96.5	9.5	M10X1.0			
210–32	2																	
SER **211–32**	2																	
211		55	3.9370	2.1890	1.1890	0.8740	1.3150	0.9535	0.0949	0.2952	0.3590	0.1291	4.1929	0.3740	3/8 –24UNF	4427	2982	1.28
211–35	2 3/16		100	55.6	30.2	22.2	33.4	24.22	2.41	7.5	9.12	3.28	106.5	9.5	M10X1.0			
SER **212–36**	2 1/4																	
212		60	4.3307	2.5630	1.2520	1.0000	1.5630	1.0165	0.0949	0.2952	0.3905	0.1291	4.5905	0.4370	3/8 –24UNF	4873	3360	1.71
212–39	2 7/16		110	65.1	31.8	25.4	39.7	25.82	2.41	7.5	9.92	3.28	116.6	11.1	M10X1.0			

Ball Bearings(with eccentric collar)

EN 200 =
SA 200
(light–duty)Spherical O.D.
CEN 200 =
CSA 200
(light–duty)Cylindrical O.D.
EN 200G =
SA 200G
Relubricatable type



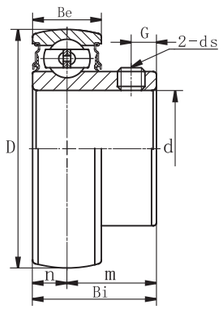


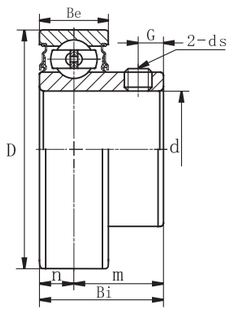


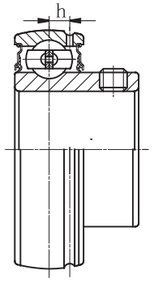
Bearing No.	Shaft Dia. d (in)	d (mm)	Be	D	B1	n	m	Bi	K	H	G	h	ds	Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)	Weig (kg)
SA **201**		12	0.4724	1.5748	0.7520	0.2362	0.5157	1.1260	1.1260	0.5315	0.1968	0.1417	1/4 –28UNF	977	489	0.13
201–8	1/2		12	40	19.1	6.0	13.1	28.6	28.6	13.5	5.0	3.6	M6X1.0			
SA **202**		15	0.4724	1.5748	0.7520	0.2362	0.5157	1.1260	1.1260	0.5315	0.1968	0.1417	1/4 –28UNF	977	489	0.13
202–10	5/8		12	40	19.1	6.0	13.1	28.6	28.6	13.5	5.0	3.6	M6X1.0			
SA **203**		17	0.4724	1.5748	0.7520	0.2362	0.5157	1.1260	1.1260	0.5315	0.1968	0.1417	1/4 –28UNF	977	489	0.13
203–11	11/16		12	40	19.1	6.0	13.1	28.6	28.6	13.5	5.0	3.6	M6X1.0			
SA **204–12**	3/4		0.5512	1.8504	0.8465	0.2756	0.5708	1.2205	1.3110	0.5315	0.1968	0.1535	1/4 –28UNF	1310	679	0.15
204		20	14	47	21.5	7.0	14.5	31.0	33.3	13.5	5.0	3.9	M6X1.0			
SA **205–14**	7/8															
205		25	0.5906	2.0472	0.8465	0.2953	0.5511	1.2205	1.5000	0.5315	0.1968	0.1535	1/4 –28UNF	1431	804	0.22
205–16	1		15	52	21.5	7.5	14	31.0	38.1	13.5	5.0	3.9	M6X1.0			
SA **206–18**	1 1/8															
206		30	0.6299	2.4409	0.9370	0.3150	0.6220	1.4055	1.7520	0.6260	0.2362	0.1969	5/16–24UNF	1986	1154	0.30
206–19	1 3/16		16	62	23.8	8.0	15.8	35.7	44.5	15.9	6.0	5	M8X1.0			
206–20	1 1/4															
SA **207–20**	1 1/4															
207–22	1 3/8		0.6693	2.8346	1.0000	0.3346	0.6653	1.5315	2.1890	0.6890	0.2559	0.2165	5/16–24UNF	2619	1561	0.50
207		35	17	72	25.4	8.5	16.9	38.9	55.6	17.5	6.5	5.5	M8X1.0			
207–23	1 7/16															
SA **208–24**	1 1/2		0.7087	3.1496	1.1890	0.3543	0.8346	1.7205	2.3740	0.7205	0.2559	0.2362	5/16–24UNF	3012	1851	0.67
208–25	1 9/16		18	80	30.2	9.0	21.2	43.7	60.3	18.3	6.5	6.0	M8X1.0			
208		40														
SA **209–26**	1 5/8															
209–27	1 11/16		0.7480	3.3465	1.1890	0.3740	0.8150	1.7205	2.5000	0.7205	0.2559	0.2480	5/16–24UNF	3232	2110	0.73
209		45	19	85	30.2	9.5	20.7	43.7	63.5	18.3	6.5	6.3	M8X1.0			
209–28	1 3/4															
SA **210–30**	1 7/8															
210–31	1 15/16		0.7874	3.5433	1.1890	0.3937	0.7954	1.7205	2.7520	0.7205	0.2559	0.2559	5/16–24UNF	3579	2365	0.83
210		50	20	90	30.2	10	20.2	43.7	69.9	18.3	6.5	6.5	M8X1.0			
SA **211–32**	2															
211–34	2 1/8		0.9449	3.9370	1.2756	0.4724	0.8032	1.9055	3.0000	0.8150	0.3150	0.2835	3/8 –24UNF	4427	2982	0.87
211		55	24	100	32.4	12	20.4	48.4	76.2	20.7	8	7.2	M10X1.0			
211–35	2 3/16															
SA **212–36**	2 1/4															
212		60	0.9449	4.3307	1.3150	0.4724	0.8426	2.0905	3.3150	0.8780	0.3150	0.3150	3/8 –24UNF	4873	3360	1.3
212–38	2 3/8		24	110	33.4	12	21.4	53.1	84.2	22.3	8	8	M10X1.0			
212–39	2 7/16															

Note: Suffix"G"– Relub.; Prefix"C"– Cylindrical O.D..

Ball Bearings(with setscrews)







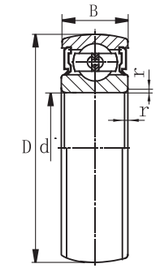
UB 200 = SB 200
(light-duty)Spherical O.D.
CUB 200 = CSB 200
(light-duty) Cylindrical O.D.
UB 200G = SB 200G
Relubricatable Type

Bearing No.	Shaft Dia. d (in)	d (mm)	Be	D	Bi	n	m	G	h	ds	Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)	Weight (kg)
SB **201**		12	0.4724	1.5748	0.8661	0.2362	0.6299	0.1772	0.1417	10-32UNF	977	489	0.10
201-8	1/2		12	40	22	6.0	16.0	4.5	3.6	M5 X0.8			
SB **202**		15	0.4724	1.5748	0.8661	0.2362	0.6299	0.1772	0.1417	10-32UNF	977	489	0.10
202-10	5/8		12	40	22	6.0	16.0	4.5	3.6	M5 X0.8			
SB **203**		17	0.4724	1.5748	0.8661	0.2362	0.6299	0.1772	0.1417	10-32UNF	977	489	0.10
203-11	11/16		12	40	22	6.0	16.0	4.5	3.6	M5 X0.8			
SB **204-12**	3/4	20	0.5512	1.8504	0.9843	0.2756	0.7087	0.1772	0.1535	1/4 -28UNF	1310	679	0.15
204			14	47	25	7.0	18.0	4.5	3.9	M6 X1.0			
SB **205-14**	7/8	25	0.5906	2.0472	1.0630	0.2953	0.7677	0.2165	0.1535	1/4 -28UNF	1431	804	0.18
205			15	52	27	7.5	19.5	5.5	3.9	M6 X1.0			
205-16	1												
SB **206-18**	1 1/8												
206		30	0.6299	2.4409	1.1811	0.3150	0.8661	0.2165	0.1969	1/4 -28UNF	1986	1154	0.27
206-19	1 3/16		16	62	30	8.0	22.0	5.5	5.0	M6 X1.0			
206-20	1 1/4												
SB **207-20**	1 1/4												
207-22	1 3/8		0.6693	2.8346	1.2598	0.3346	0.9252	0.2559	0.2165	5/16-24UNF	2619	1561	0.42
207		35	17	72	32	8.5	23.5	6.5	5.5	M8 X1.0			
207-23	1 7/16												
SB **208-24**	1 1/2		0.7087	3.1496	1.3386	0.3543	0.9843	0.2756	0.2362	5/16-24UNF	3012	1851	0.60
208		40	18	80	34	9.0	25.0	7.0	6.0	M8 X1.0			
SB **209-26**	1 5/8												
209-27	1 11/16		0.7480	3.3465	1.6220	0.3740	1.2480	0.3228	0.2480	5/16-24UNF	3232	2110	0.80
209		45	19	85	41.2	9.5	31.7	8.2	6.3	M8 X1.0			
209-28	1 3/4												
SB **210-30**	1 7/8												
210-31	1 15/16		0.7874	3.5433	1.6378	0.3937	1.2441	0.3622	0.2559	5/16-24UNF	3579	2365	0.83
210		50	20	90	41.6	10.0	31.6	9.2	6.5	M8 X1.0			
210-32	2												
SB **211-32**	2												
211-34	2 1/8		0.9055	3.9370	1.7835	0.4646	1.3189	0.3858	0.2835	5/16-24UNF	4427	2982	1.1
211		55	23	100	45.3	11.8	33.5	9.8	7.2	M8 X1.0			
211-35	2 3/16												
SB **212**		60	0.9449	4.3307	2.1142	0.5866	1.5276	0.3858	0.3150	3/8 -24UNF	4873	3360	1.30
212-36	2 1/4		24	110	53.7	14.9	38.8	9.8	8	M10X1.25			

Note: Suffix"G"– Relub.; Prefix"C"– Cylindrical O.D..

Spherical Radial Ball Bearings

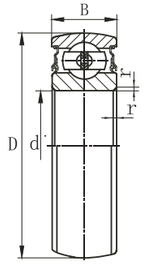
CS 200
CS 300
Series



CS2-2RS Series and
CS3-2RS Series

Bearing No.	d	D	B	r (min.)	Basic Dynamic Load Rating Dynamic Cr (kgf)	Basic Static Load Rating (kgf)	Weight (kg)
CS **201**	12	32	10	0.6	696	312	0.039
CS **202**	15	35	11	0.6	780	380	0.039
CS **203**	17	40	12	0.6	977	489	0.050
CS **204**	20	47	14	1	1310	679	0.095
CS **205**	25	52	15	1	1431	804	0.11
CS **305**		62	17	1.1	2284	1172	0.20
CS **206**	30	62	16	1	1986	1154	0.18
CS **306**		72	19	1.1	2755	1550	0.30
CS **207**	35	72	17	1.1	2619	1561	0.25
CS **307**		80	21	1.5	3404	1960	0.40
CS **208**	40	80	18	1.1	3012	1851	0.32
CS **308**		90	23	1.5	4158	2450	0.55
CS **209**	45	85	19	1.1	3232	2110	0.37
CS **309**		100	25	1.5	5394	3248	0.73
CS **210**	50	90	20	1.1	3579	2365	0.41
CS **310**		110	27	2	6312	3871	0.95

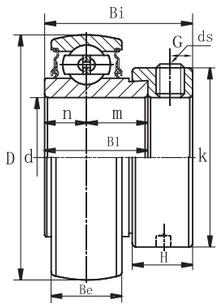
ORAE SERIES

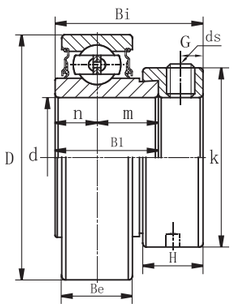


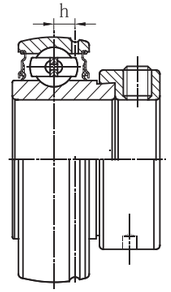
ORAE Series

Bearing No.	d	D	B	r (min.)	Basic Dynamic Load Rating Dynamic Cr (kgf)	Basic Static Load Rating Static Cor (kgf)	Weight (kg)
ORAE **30NPPB**	30	62	18	1	1986	1154	0.21
ORAE **40NPPB**	40	80	22	1.1	3012	1851	0.38

Ball Bearings(with eccentric collar)







GRA 200
(light–duty)Spherical O.D.

RA 200
(light–duty)Cylindrical O.D.

GRA 200G
Relubricatable type

Bearing No.	Shaft Dia. d (in)	d (mm)	Be	D	B1	n	m	Bi	K	H	G	h	ds	Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)	weight (kg)
GRA **201**		12	0.4724	1.5748	0.7520	0.2559	0.4961	1.1260	1.1260	0.5315	0.1968	0.1417	1/4 –28UNF			
RA **201–8**	1/2		12	40	19.1	6.5	12.6	28.6	28.6	13.5	5.0	3.6	M6X1.0	977	489	0.13
GRA **202**		15	0.4724	1.5748	0.7520	0.2559	0.4961	1.1260	1.1260	0.5315	0.1968	0.1417	1/4 –28UNF			
RA **202–10**	5/8		12	40	19.1	6.5	12.6	28.6	28.6	13.5	5.0	3.6	M6X1.0	977	489	0.13
GRA **203**		17	0.4724	1.5748	0.7520	0.2559	0.4961	1.1260	1.1260	0.5315	0.1968	0.1417	1/4 –28UNF			
RA **203–11**	11/16		12	40	19.1	6.5	12.6	28.6	28.6	13.5	5.0	3.6	M6X1.0	977	489	0.13
GRA **204–12**	3/4		0.5512	1.8504	0.8465	0.2953	0.5510	1.2205	1.3110	0.5315	0.1968	0.1535	1/4 –28UNF			
RA **204**		20	14	47	21.5	7.5	14	31.0	33.3	13.5	5.0	3.9	M6X1.0	1310	679	0.15
GRA **205–14**	7/8		0.5906	2.0472	0.8465	0.2953	0.5511	1.2205	1.5000	0.5315	0.1968	0.1535	1/4 –28UNF			
RA **205**		25	15	52	21.5	7.5	14	31.0	38.1	13.5	5.0	3.9	M6X1.0	1431	804	0.22
205–16	1															
GRA **206–18**	1 1/8															
RA **206**		30	0.70866	2.4409	0.9370	0.3543	0.5826	1.4055	1.7520	0.6260	0.2362	0.1969	5/16–24UNF			
206–19	1 3/16		18	62	23.8	9.0	14.8	35.7	44.5	15.9	6.0	5	M8X1.0	1986	1154	0.3
206–20	1 1/4															
GRA **207–20**	1 1/4															
RA **207–22**	1 3/8		0.7480	2.8346	1.0000	0.3740	0.6260	1.5315	2.1890	0.6890	0.2559	0.2165	5/16–24UNF			
207		35	19	72	25.4	9.5	15.9	38.9	55.6	17.5	6.5	5.5	M8X1.0	2619	1561	0.50
207–23	1 7/16															
GRA **208–24**	1 1/2		0.8268	3.1496	1.1890	0.4331	0.7559	1.7205	2.3740	0.7205	0.2559	0.2362	5/16–24UNF			
RA **208–25**	1 9/16		21	80	30.2	11	19.2	43.7	60.3	18.3	6.5	6.0	M8X1.0	3012	1851	0.67
208		40														
GRA **209–26**	1 5/8															
RA **209–27**	1 11/16		0.8661	3.3465	1.1890	0.4331	0.7559	1.7205	2.5000	0.7205	0.2559	0.2677	5/16–24UNF			
209		45	22	85	30.2	11	19.2	43.7	63.5	18.3	6.5	6.8	M8X1.0	3232	2110	0.73
209–28	1 3/4															
GRA **210–30**	1 7/8		0.8661	3.5433	1.1890	0.4331	0.7559	1.7205	2.7520	0.7205	0.2559	0.2559	5/16–24UNF			
RA **210–31**	1 15/16		22	90	30.2	11	19.2	43.7	69.9	18.3	6.5	6.5	M8X1.0	3579	2365	0.83
210		50														
GRA **211–32**	2															
RA **211–34**	2 1/8		0.9449	3.9370	1.2756	0.4724	0.8032	1.9055	3.0000	0.8150	0.3150	0.2835	3/8 –24UNF			
211		55	24	100	32.4	12	20.4	48.4	76.2	20.7	8	7.2	M8X1.0	4427	2982	0.87
211–35	2 3/16															
GRA **212–36**	2 1/4															
RA **212**		60	0.9449	4.3307	1.4646	0.5315	0.9331	2.0905	3.3150	0.8780	0.3150	0.3150	3/8 –24UNF			
212–38	2 3/8		24	110	37.2	13.5	23.7	53.1	84.2	22.3	8	8	M8X1.0	4873	3360	1.30
212–39	2 7/16															

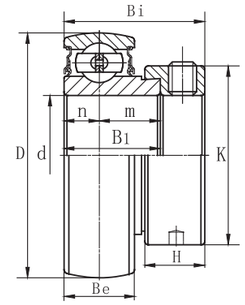
Note: Suffix"G"– Relub..

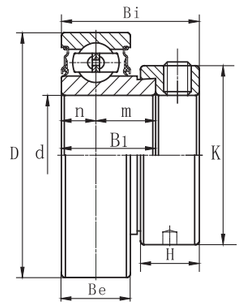
Ball Bearings(with eccentric collar)

EN 000 =
SA 000
(light–duty)Spherical O.D.

CEN 000 =
CSA 000
(light–duty)

CEN 100 =
CSA 100
(light–duty)
Cylindrical O.D.

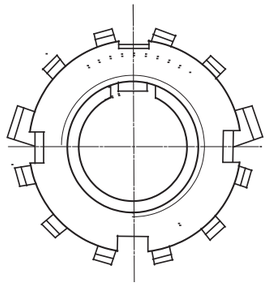


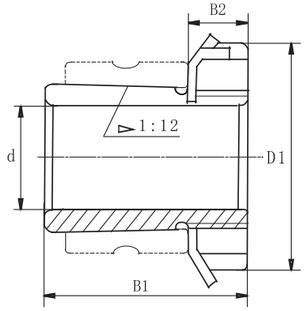


Bearing No.	Shaft Dia. d (in)	d (mm)	Be	D	B1	n	m	Bi	K	H	Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)	Weight (kg)
SA **004–12**	3/4		0.4724	1.6535	0.6575	0.2362	0.4213	0.9685	1.1719	0.4370			
004		20	12	42	16.7	6.0	10.7	24.6	29.8	11.1	957	513	0.12
CSA **104–12**	3/4		0.4724	1.6535	0.6354	0.2362	0.3976	1.0402	1.2992	0.5197			
			12	42	16.14	6.0	10.1	26.42	33.0	13.2	957	513	0.12
SA **005–14**	7/8												
005		25	0.4724	1.8504	0.6890	0.2362	0.4528	1.0000	1.4213	0.4685			
005–16	1		12	47	17.5	6.0	11.5	25.4	36.1	11.9	1027	597	0.15
SA **006–18**	1 1/8												
006		30	0.5118	2.1654	0.7283	0.2559	0.4724	1.0433	1.6732	0.4685			
006–19	1 3/16		13	55	18.5	6.5	12.0	26.5	42.5	11.9	1350	847	0.28
006–20	1 1/4												

Note: Prefix "C" – Cylindrical O.D..

Adapter Sleeve





H 2300

Adapter No.	Bore dia of Sleeve d (in)	d (mm)	Dimensions(mm) B1	D1	B2	Sleeve No.	Locknut No.	Washer No. (kgf)	Bearing No.
HE **2305** H **2305**	3/4	20	35	38	8	AE 2305 A 2305	KM 05	MB 05	UK 205 UK X05 UK 305
HS **2306** HA **2306** H **2306** HE **2306**	7/8 15/16 1	25	38	45	8	AS 2306 AA 2306 A 2306 AE 2306	KM 06	MB 06	UK 206 UK X06 UK 306
HS **2307** H **2307** HA **2307**	1 1/8 1 3/16	30	43	52	9	AS 2307 A 2307 AA 2307	KM 07	MB 07	UK 207 UK X07 UK 307
HE **2308** HS **2308** H **2308**	1 1/4 1 3/8	35	46	58	10	AE 2308 AS 2308 A 2308	KM 08	MB 08	UK 208 UK X08 UK 308
HA **2309** HE **2309** H **2309**	1 7/16 1 1/2	40	50	65	11	AA 2309 AE 2309 A 2309	KM 09	MB 09	UK 209 UK X09 UK 309
HS **2310** HA **2310** HE **2310** H **2310**	1 5/8 1 11/16 1 3/4	45	55	70	12	AS 2310 AA 2310 AE 2310 A 2310	KM 10	MB 10	UK 210 UK X10 UK 310
HS **2311** HA **2311** H **2311** HE **2311**	1 7/8 1 15/16 2	50	59	75	12	AS 2311 AA 2311 A 2311 AE 2311	KM 11	MB 11	UK 211 UK X11 UK 311
HS **2312** H **2312**	2 1/8	55	62	80	13	AS 2312 A 2312	KM 12	MB 12	UK 212 UK X12 UK 312
HA **2313** HE **2313** H **2313** HS **2313**	2 3/16 2 1/4 2 3/8	60	65	85	14	AA 2313 AE 2313 A 2313 AS 2313	KM 13	MB 13	UK 213 UK X13 UK 313
HA **2315** HE **2315** H **2315**	2 7/16 2 1/2	65	73	98	15	AA 2315 AE 2315 A 2315	KM 15	MB 15	UK 215 UK X15 UK 315
HA **2316** HE **2316** H **2316**	2 11/16 2 3/4	70	78	105	17	AA 2316 AE 2316 A 2316	KM 16	MB 16	UK 216 UK X16 UK 316
HA **2317** H **2317** HE **2317**	2 15/16 3	75	82	110	18	AA 2317 A 2317 AE 2317	KM 17	MB 17	UK 217 UK X17 UK 317
H **2318**		80	86	120	18	A 2318	KM 18	MB 18	UK 218 UK X18 UK 318
HE **2319** H **2319**	3 1/4	85	90	125	19	AE 2319 A 2319	KM 19	MB 19	UK X19 UK 319
HE **2320** H **2320**	3 1/2	90	97	130	20	AE 2320 A 2320	KM 20	MB 20	UK X20 UK 320
H **2322**		100	105	145	21	A 2322	KM 22	MB 22	UK 322
H **2324**		110	112	155	22	A 2324	KM 24	MB 24	UK 324
H **2326**		115	121	165	23	A 2326	KM 26	MB 26	UK 326
H **2328**		125	131	180	24	A 2328	KM 28	MB 28	UK 328

FSB

Undertakes Boundless Driving Force!

IBU

Spherical plain bearing

The Spherical plain bearing is a spherical surface sliding bearing. It mainly consists of one internal ring with an outer spherical surface and one external ring with an inner spherical surface. It can bear the radial load, axial load, or a combined load from both the radial and the axial forces.

Features: Large load capacity, strong impact resistance, corrosion resistance, abrasion resistance self-aligning, good lubrication, can work properly even if displaced during installment.

Application: Water conservancy machine, metal forming machine, engineering machinery, automation equipment, automobile shock absorber, Engineering hydraulic cylinder.

GE···ES

GEZ···ES

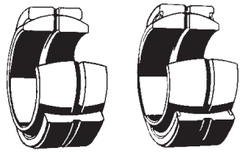
GEEW···ES

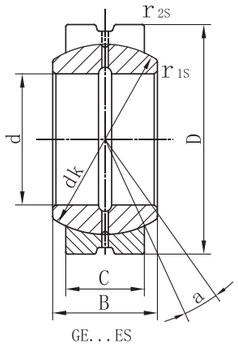
GAC110S/K

GE42ES/K

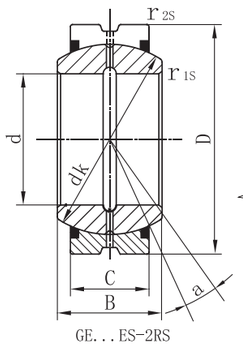
High rotation speed Low noise Long service life

GE50ES
Undertakes Boundless Driving Force





GE. . . ES



GE. . . ES-2RS

Sliding contact surfaces:

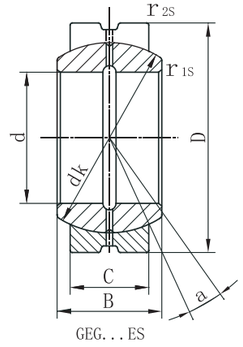
Steel / Steel

Bearings number		Dimensions mm d	D	B	C	dk	r1s (min)	r2s (min)	a ≈	Load ratings C dyn. (KN)	CO stat. (KN)	Weight ≈ (Kg)
		E系列										
GE12E*		12	22	10	7	18	0.3	0.3	11	10.8	54.0	0.016
GE15ES	**GE15ES-2RS**	15	26	12	9	22	0.3	0.3	8	17.0	85.0	0.025
GE17ES	**GE17ES-2RS**	17	30	14	10	25	0.3	0.3	10	21.2	106	0.041
GE20ES	**GE20ES-2RS**	20	35	16	12	29	0.3	0.3	9	30	146	0.061
GE25ES	**GE25ES-2RS**	25	42	20	16	35.5	0.6	0.6	7	48	240	0.11
GE30ES	**GE30ES-2RS**	30	47	22	18	40.7	0.6	0.6	6	62	310	0.14
GE35ES	**GE35ES-2RS**	35	55	25	20	47	0.6	1.0	6	80	400	0.22
GE40ES	**GE40ES-2RS**	40	62	28	22	53	0.6	1.0	7	100	500	0.30
GE45ES	**GE45ES-2RS**	45	68	32	25	60	0.6	1.0	7	127	640	0.40
GE50ES	**GE50ES-2RS**	50	75	35	28	66	0.6	1.0	6	156	780	0.54
GE55ES	**GE55ES-2RS**	55	85	40	32	74	0.6	1.0	7	200	1000	0.94
GE60ES	**GE60ES-2RS**	60	90	44	36	80	1.0	1.0	6	245	1220	1.0
GE70ES	**GE70ES-2RS**	70	105	49	40	92	1.0	1.0	6	315	1560	1.5
GE80ES	**GE80ES-2RS**	80	120	55	45	105	1.0	1.0	6	400	2000	2.2
GE90ES	**GE90ES-2RS**	90	130	60	50	115	1.0	1.0	5	490	2450	2.7
GE100ES	**GE100ES-2RS**	100	150	70	55	130	1.0	1.0	7	610	3050	4.3
GE110ES	**GE110ES-2RS**	110	160	70	55	140	1.0	1.0	6	655	3250	4.7
GE120ES	**GE120ES-2RS**	120	180	85	70	160	1.0	1.0	6	950	4750	8.0
GE140ES	**GE140ES-2RS**	140	210	90	70	180	1.0	1.0	7	1080	5400	11.0
GE160ES	**GE160ES-2RS**	160	230	105	80	200	1.0	1.0	8	1370	6800	13.5

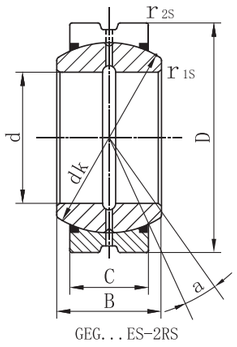
*No lubrication grooves and holes.

Sliding contact surfaces:

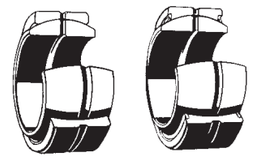
Steel / Steel



GEG. . . ES



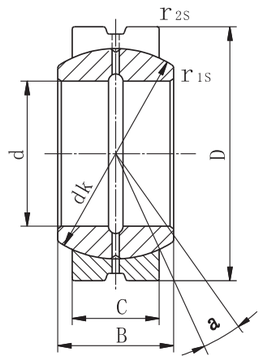
GEG. . . ES-2RS



Bearings number		Dimensions mm d	D	B	C	dk	r1s (min)	r2s (min)	a ≈	Load ratings C dyn. (KN)	CO stat. (KN)	Weight ≈ (Kg)
		G系列										
GEG12E*		12	26	15	9	22	0.3	0.3	18	17.0	85	0.034
GEG15ES	**GEG15ES-2RS**	15	30	16	10	25	0.3	0.3	16	21.2	106	0.046
GEG17ES	**GEG17ES-2RS**	17	35	20	12	29	0.3	0.3	19	30.0	146	0.078
GEG20ES	**GEG20ES-2RS**	20	42	25	16	35.5	0.3	0.6	17	48	240	0.15
GEG25ES	**GEG25ES-2RS**	25	47	28	18	40.7	0.6	0.6	17	62	310	0.19
GEG30ES	**GEG30ES-2RS**	30	55	32	20	47	0.6	1.0	17	80	400	0.29
GEG35ES	**GEG35ES-2RS**	35	62	35	22	53	0.6	1.0	16	100	500	0.39
GEG40ES	**GEG40ES-2RS**	40	68	40	25	60	0.6	1.0	17	127	640	0.52
GEG45ES	**GEG45ES-2RS**	45	75	43	28	66	0.6	1.0	15	156	780	0.68
GEG50ES	**GEG50ES-2RS**	50	90	56	36	80	0.6	1.0	17	245	1220	1.4
GEG60ES	**GEG60ES-2RS**	60	105	63	40	92	1.0	1.0	17	315	1560	2.0
GEG70ES	**GEG70ES-2RS**	70	120	70	45	105	1.0	1.0	16	400	2000	2.9
GEG80ES	**GEG80ES-2RS**	80	130	75	50	115	1.0	1.0	14	490	2450	3.5
GEG90ES	**GEG90ES-2RS**	90	150	85	55	130	1.0	1.0	15	610	3050	5.4
GEG100ES	**GEG100ES-2RS**	100	160	85	55	140	1.0	1.0	14	655	3250	5.9
GEG110ES	**GEG110ES-2RS**	110	180	100	70	160	1.0	1.0	12	950	4750	9.7
GEG120ES	**GEG120ES-2RS**	120	210	115	70	180	1.0	1.0	16	1080	5400	15.0
GEG140ES	**GEG140ES-2RS**	140	230	130	80	200	1.0	1.0	16	1370	6800	18.5

*No lubrication grooves and holes.

Radial Spherical Plain Bearings



GEF. . . ES

Sliding contact surfaces:

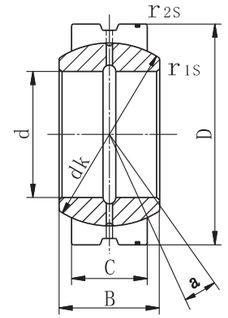
Steel / Steel

Bearings number	Dimensions mm								Load ratings		Weight ≈
	d	D	B	C	dk	r1s	r2s	a	C dyn.	Co stat.	
			F 系列			(min)	(min)	≈	(KN)		(kg)
GEF20ES	20	32	16	14	28	0.5	0.5	4	33	166	0.053
GEF22ES	22	37	19	16	32	0.5	0.5	6	43	217	0.085
GEF25ES	25	42	21	18	36	0.5	0.5	5	55	275	0.116
GEF30ES	30	50	27	23	45	1.0	1.0	6	87	439	0.225
GEF35ES	35	55	30	26	50	1.0	1.0	5	110	552	0.302
GEF40ES	40	62	33	28	55	1.0	1.0	6	130	654	0.375
GEF45ES	45	72	36	31	62	1.0	1.0	5	163	816	0.598
GEF50ES	50	80	42	36	72	1.0	1.0	5	220	1100	0.869
GEF55ES	55	90	47	40	80	1.0	1.0	6	272	1360	1.26
GEF60ES	60	100	53	45	90	1.0	1.0	6	344	1720	1.72
GEF65ES	65	105	55	47	94	1.0	1.0	5	375	1877	2.05
GEF70ES	70	110	58	50	100	1.0	1.0	5	425	2125	2.23
GEF75ES	75	120	64	55	110	1.0	1.0	5	510	2750	3.01
GEF80ES	80	130	70	60	120	1.0	1.0	5	610	3060	3.98
GEF85ES	85	135	74	63	125	1.0	1.0	6	669	3340	4.31
GEF90ES	90	140	76	65	130	1.0	1.0	5	718	3590	4.72
GEF95ES	95	150	82	70	140	1.0	1.0	5	833	4165	6.05
GEF100ES	100	160	88	75	150	1.5	1.5	5	956	4780	7.43

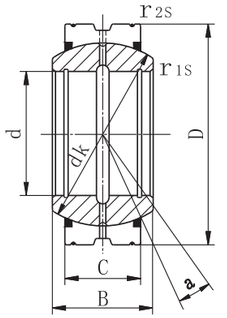
Radial Spherical Plain Bearings

Sliding contact surfaces:

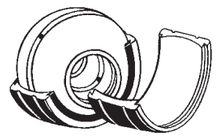
Steel / Steel

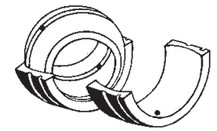


GEF. . . XS

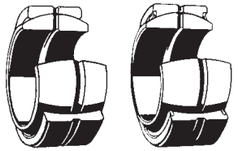


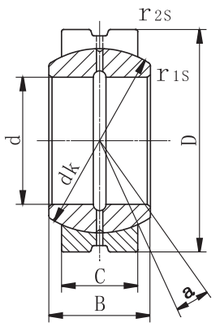
GEK. . . XS-2RS



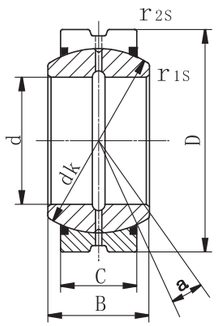


Bearings number	Dimensions mm								Load ratings		Weight ≈
	d	D	B	C	dk	r1s	r2s	a	C dyn.	Co stat.	
				F 系列		(min)	(min)	≈		(KN)	(kg)
GEF20XS	20	32	16	14	28	0.5	0.5	4	33	166	0.053
GEF22XS	22	37	19	16	32	0.5	0.5	6	43	217	0.085
GEF25XS	25	42	21	18	36	0.5	0.5	5	55	275	0.116
GEF30XS	30	50	27	23	45	1.0	1.0	6	87	439	0.225
GEF35XS	35	55	30	26	50	1.0	1.0	5	110	552	0.302
GEF40XS	40	62	33	28	55	1.0	1.0	6	130	654	0.375
GEF45XS	45	72	36	31	62	1.0	1.0	5	163	816	0.598
GEF50XS	50	80	42	36	72	1.0	1.0	5	220	1100	0.869
GEF55XS	55	90	47	40	80	1.0	1.0	6	272	1360	1.26
GEF60XS	60	100	53	45	90	1.0	1.0	6	344	1720	1.72
GEF65XS	65	105	55	47	94	1.0	1.0	5	375	1877	2.05
GEF70XS	70	110	58	50	100	1.0	1.0	5	425	2125	2.23
GEF75XS	75	120	64	55	110	1.0	1.0	5	510	2750	3.01
GEF80XS	80	130	70	60	120	1.0	1.0	5	610	3060	3.98
GEF85XS	85	135	74	63	125	1.0	1.0	6	669	3340	4.31
GEF90XS	90	140	76	65	130	1.0	1.0	5	718	3590	4.72
GEF95XS	95	150	82	70	140	1.0	1.0	5	833	4165	6.05
GEF100XS	100	160	88	75	150	1.5	1.5	5	956	4780	7.43
				K 系列							
GEK25XS-2RS	25	68	40	28	50	0.6	1.0	19	117	590	0.516
GEK30XS-2RS	30	70	47	32	60	0.6	1.0	19	163	813	0.785
GEK35XS-2RS	35	80	54	38	70	0.6	1.0	17	226	1130	1.23
GEK40XS-2RS	40	90	64	44	80	0.6	1.0	19	298	1490	1.83
GEK45XS-2RS	45	100	72	52	90	0.6	1.0	17	398	1990	2.56
GEK50XS-2RS	50	110	80	58	100	1.0	1.0	17	493	2450	3.43
GEK55XS-2RS	55	125	90	64	110	1.0	1.0	19	598	2990	5.02





GEZ. . . ES



GEZ. . . ES-2RS

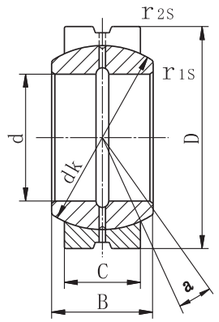
Sliding contact surfaces:

Steel / Steel

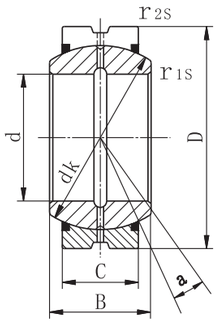
Bearings number		Dimensions mm d	D	B	C	dk	r1s (min)	r2s (min)	a ≈	Load ratings C dyn. (KN)	Co stat. (KN)	Weight ≈ (kg)
		Z 系列										
GEZ12ES		12.700	22.225	11.100	9.525	18	0.15	0.6	6	13	41	0.022
GEZ15ES		15.875	26.988	13.894	11.913	23	0.15	0.6	6	22	65	0.036
GEZ19ES	GEZ19ES-2RS	19.050	31.750	16.662	14.275	27.5	0.3	0.6	6	31	95	0.053
GEZ22ES	GEZ22ES-2RS	22.225	36.513	19.431	16.662	32	0.3	0.6	6	42	127	0.085
GEZ25ES	GEZ25ES-2RS	25.400	41.275	22.225	19.050	36.5	0.3	0.6	6	56	166	0.121
GEZ31ES	GEZ31ES-2RS	31.750	50.800	27.762	23.800	45.5	0.6	0.6	6	86	260	0.232
GEZ34ES	GEZ34ES-2RS	34.925	55.563	30.150	26.187	49	0.6	1.0	6	102	310	0.351
GEZ38ES	GEZ38ES-2RS	38.100	61.913	33.325	28.575	54.7	0.6	1.0	6	125	375	0.422
GEZ44ES	GEZ44ES-2RS	44.450	71.438	38.887	33.325	63.9	0.6	1.0	6	170	510	0.641
GEZ50ES	GEZ50ES-2RS	50.800	80.963	44.450	38.100	73	0.6	1.0	6	224	670	0.932
GEZ57ES	GEZ57ES-2RS	57.150	90.488	50.013	42.850	82	0.6	1.0	6	280	850	1.33
GEZ63ES	GEZ63ES-2RS	63.500	100.013	55.550	47.625	92	1.0	1.0	6	355	1060	1.85
GEZ69ES	GEZ69ES-2RS	69.850	111.125	61.112	52.375	100	1.0	1.0	6	415	1250	2.42
GEZ76ES	GEZ76ES-2RS	76.200	120.650	66.675	57.150	109.5	1.0	1.0	6	500	1500	3.10
GEZ82ES	GEZ82ES-2RS	82.550	130.175	72.238	61.900	119	1.0	1.0	6	585	1760	3.82
GEZ88ES	GEZ88ES-2RS	88.900	139.700	77.775	66.675	128	1.0	1.0	6	680	2040	4.79
GEZ95ES	GEZ95ES-2RS	95.250	149.225	83.337	71.425	137	1.0	1.0	6	780	2360	5.78
GEZ101ES	GEZ101ES-2RS	101.600	158.750	88.900	76.200	146	1.0	1.0	6	900	2650	6.99
GEZ107ES	GEZ107ES-2RS	107.950	168.275	94.463	80.950	155	1.0	1.0	6	1000	3000	8.41
GEZ114ES	GEZ114ES-2RS	114.300	177.800	100.013	85.725	164.5	1.0	1.0	6	1120	3400	9.80
GEZ120ES	GEZ120ES-2RS	120.650	187.325	105.562	90.475	173.5	1.0	1.0	6	1250	3750	11.5
GEZ127ES	GEZ127ES-2RS	127.000	196.850	111.125	95.250	183	1.0	1.0	6	1400	4150	13.5
GEZ152ES	GEZ152ES-2RS	152.400	222.250	120.650	104.775	207	1.0	1.0	5	1730	5200	17.5

Sliding contact surfaces:

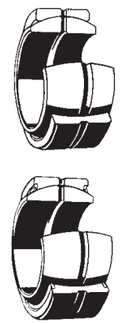
Steel / Steel



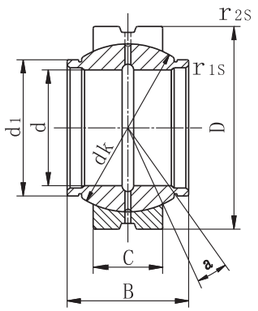
GEGZ. . . ES



GEGZ. . . ES-2RS



Bearings number		Dimensions mm d	D	B	C	dk	r1s (min)	r2s (min)	a ≈	Load ratings C dyn. (KN)	Co stat. (KN)	Weight ≈ (kg)
		GZ 系列			Series GZ							
GEGZ31ES	GEGZ31ES-2RS	31.75	61.913	35.306	28.575	53	0.6	1.0	15	125	375	0.454
GEGZ38ES	GEGZ38ES-2RS	38.10	71.438	40.132	33.325	63.9	0.6	1.0	14	170	510	0.726
GEGZ44ES	GEGZ44ES-2RS	44.45	80.963	46.228	38.100	73	0.6	1.0	14	224	670	1.14
GEGZ50ES	GEGZ50ES-2RS	50.80	90.488	52.578	42.850	82	0.6	1.0	14	280	850	1.68
GEGZ57ES	GEGZ57ES-2RS	57.15	100.013	58.877	47.625	92	0.6	1.0	14	355	1060	2.01
GEGZ63ES	GEGZ63ES-2RS	63.50	111.125	64.643	52.375	100	1.0	1.0	14	415	1250	2.95
GEGZ69ES	GEGZ69ES-2RS	69.85	120.650	70.866	57.150	109.5	1.0	1.0	14	500	1500	3.63
GEGZ76ES	GEGZ76ES-2RS	76.20	130.175	76.759	61.900	119	1.0	1.0	14	585	1760	4.36
GEGZ82ES	GEGZ82ES-2RS	82.55	139.700	82.931	66.675	128	1.0	1.0	14	680	2040	5.31
GEGZ88ES	GEGZ88ES-2RS	88.90	149.225	90.424	71.425	137	1.0	1.0	14	780	2360	6.81



GEEW. . . ES

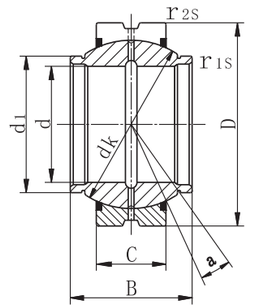
Sliding contact surfaces:

Steel / Steel

Bearings number	Dimensions mm								Load ratings		Weight ≈
	d	D	B	C	dk	r1s	r2s	a	C dyn.	Co stat.	
	EW 系列		Series EW			(min)	(min)	≈	(KN)		(kg)
GEEW12ES	12	22	12	7	18	0.3	0.3	4	10	53	0.022
GEEW15ES	15	26	15	9	22	0.3	0.3	5	16	84	0.031
GEEW16ES	16	28	16	9	23	0.3	0.3	4	17	85	0.035
GEEW17ES	17	30	17	10	25	0.3	0.3	7	21	106	0.044
GEEW20ES	20	35	20	12	29	0.3	0.3	4	30	146	0.071
GEEW25ES	25	42	25	16	35.5	0.6	0.6	4	48	240	0.131
GEEW30ES	30	47	30	18	40.7	0.6	0.6	4	62	310	0.168
GEEW32ES	32	52	32	18	44	0.6	1.0	4	65	328	0.182
GEEW35ES	35	55	35	20	47	0.6	1.0	4	79	399	0.253
GEEW40ES	40	62	40	22	53	0.6	1.0	4	99	495	0.338
GEEW45ES	45	68	45	25	60	0.6	1.0	4	127	637	0.481
GEEW50ES	50	75	50	28	66	0.6	1.0	4	156	780	0.558
GEEW60ES	60	90	60	36	80	1.0	1.0	4	245	1220	1.15
GEEW63ES	63	95	63	36	83	1.0	1.0	4	253	1269	1.23
GEEW70ES	70	105	70	40	92	1.0	1.0	4	313	1560	1.71
GEEW80ES	80	120	80	45	105	1.0	1.0	4	400	2000	2.39
GEEW90ES	90	130	90	50	115	1.0	1.0	4	488	2440	3.21
GEEW100ES	100	150	100	55	130	1.0	1.0	4	607	3030	4.79
GEEW110ES	110	160	110	55	140	1.0	1.0	4	654	3270	5.78
GEEW125ES	125	180	125	70	160	1.0	1.0	4	950	4750	8.49
GEEW160ES	160	230	160	80	200	1.0	1.0	4	1360	6800	16.50

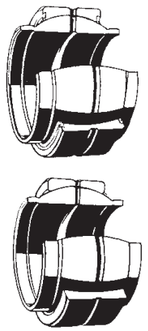
Sliding contact surfaces:

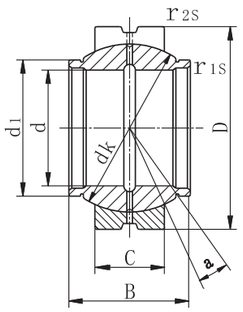
Steel / Steel



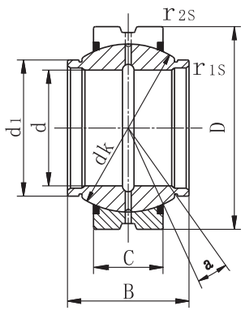
GEEM. . . ES-2RS

Bearings number	Dimensions mm								Load ratings		Weight ≈
	d	D	B	C	dk	r1s	r2s	a	C dyn.	Co stat.	
	EM 系列					(min)	(min)	≈	(KN)		(kg)
GEEM20ES–2RS	20	35	24	12	29	0.3	0.3	6	30	146	0.073
GEEM25ES–2RS	25	42	29	16	35.5	0.3	0.6	4	48	240	0.13
GEEM30ES–2RS	30	47	30	18	40.7	0.3	0.6	4	62	310	0.17
GEEM35ES–2RS	35	55	35	20	47	0.6	1.0	4	79	399	0.25
GEEM40ES–2RS	40	62	38	22	53	0.6	1.0	4	99	495	0.35
GEEM45ES–2RS	45	68	40	25	60	0.6	1.0	4	127	637	0.49
GEEM50ES–2RS	50	75	43	28	66	0.6	1.0	4	156	780	0.60
GEEM60ES–2RS	60	90	54	36	80	0.6	1.0	3	245	1220	1.15
GEEM70ES–2RS	70	105	65	40	92	0.6	1.0	4	313	1560	1.65
GEEM80ES–2RS	80	120	74	45	105	0.6	1.0	4	400	2000	2.50





GEWZ...ES



GEWZ...ES-2RS

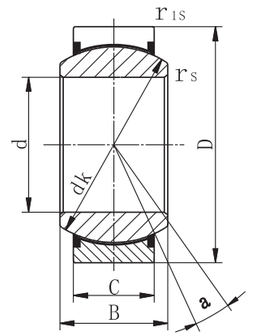
Sliding contact surfaces:

Steel / Steel

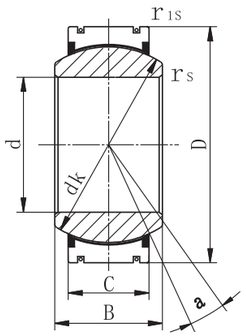
Bearings number		Dimensions mm								Load ratings		Weight ≈
		d	D	B	C	dk	r_{s}	r_{1s}	a	C dyn.	Co stat.	
		WZ系列					(min)	(min)	≈	(KN)		(kg)
GEWZ12ES		12.700	22.225	19.050	9.525	18	0.15	0.6	5	13	41	0.024
GEWZ15ES		15.875	26.988	23.800	11.913	23	0.15	0.6	5	22	65	0.038
GEWZ19ES	GEWZ19ES-2RS	19.050	31.750	28.575	14.275	27.5	0.3	0.6	5	31	95	0.064
GEWZ22ES	GEWZ22ES-2RS	22.225	36.513	33.325	16.662	32	0.3	0.6	5	42	127	0.098
GEWZ25ES	GEWZ25ES-2RS	25.400	41.275	38.100	19.050	36.5	0.3	0.6	5	56	166	0.142
GEWZ31ES	GEWZ31ES-2RS	31.750	50.800	47.625	23.800	45.5	0.6	0.6	5	86	260	0.271
GEWZ34ES	GEWZ34ES-2RS	34.925	55.563	52.375	26.187	49	0.6	1.0	5	102	310	0.373
GEWZ38ES	GEWZ38ES-2RS	38.100	61.913	57.150	28.575	54.7	0.6	1.0	5	125	375	0.494
GEWZ44ES	GEWZ44ES-2RS	44.450	71.438	66.675	33.325	63.9	0.6	1.0	5	170	510	0.762
GEWZ50ES	GEWZ50ES-2RS	50.800	80.963	76.200	38.100	73	0.6	1.0	5	224	670	1.11
GEWZ57ES	GEWZ57ES-2RS	57.150	90.488	85.725	42.850	82	0.6	1.0	5	280	850	1.57
GEWZ63ES	GEWZ63ES-2RS	63.500	100.013	95.250	47.625	92	1.0	1.0	5	355	1060	2.15
GEWZ69ES	GEWZ69ES-2RS	69.850	111.125	104.775	52.375	100	1.0	1.0	5	415	1250	2.9
GEWZ76ES	GEWZ76ES-2RS	76.200	120.650	114.300	57.150	109.5	1.0	1.0	5	500	1500	3.59
GEWZ82ES	GEWZ82ES-2RS	82.550	130.175	123.825	61.900	119	1.0	1.0	5	585	1760	4.69
GEWZ88ES	GEWZ88ES-2RS	88.900	139.700	133.350	66.675	128	1.0	1.0	5	680	2040	5.86
GEWZ95ES	GEWZ95ES-2RS	95.250	149.225	142.875	71.425	137	1.0	1.0	5	780	2360	7.11
GEWZ101ES	GEWZ101ES-2RS	101.600	158.750	152.400	76.200	146	1.0	1.0	5	900	2650	8.56
GEWZ114ES	GEWZ114ES-2RS	114.300	177.800	171.450	85.725	164.5	1.0	1.0	5	1120	3400	12.24
GEWZ127ES	GEWZ127ES-2RS	127.000	196.850	190.500	95.250	183	1.0	1.0	5	1400	4150	16.63
GEWZ152ES	GEWZ152ES-2RS	152.400	222.250	209.550	104.775	207	1.0	1.0	5	1730	5200	20.7

Sliding contact surfaces:

Steel / PTFE fabric



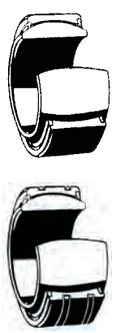
GE...ET-2RS

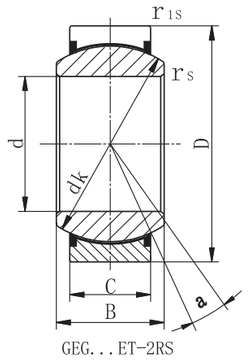


GE...XT-2RS

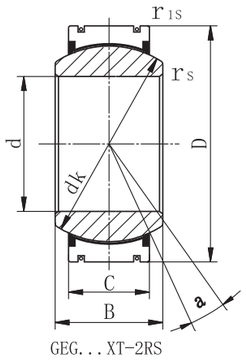
Bearings number		Dimensions mm								Load ratings		Weigh ≈
		d	D	B	C	dk	r_{s}	r_{1s}	a	C dyn.	Co stat.	
		E 系列					(min)	(min)	≈	(KN)		(kg)
GE20ET-2RS		20	35	16	12	29	0.3	0.3	9	42	83	0.066
GE25ET-2RS		25	42	20	16	35.5	0.6	0.6	7	68	137	0.119
GE30ET-2RS		30	47	22	18	40.7	0.6	0.6	6	88	176	0.153
GE35ET-2RS		35	55	25	20	47	0.6	1.0	6	112	224	0.233
GE40ET-2RS		40	62	28	22	53	0.6	1.0	7	140	280	0.306
GE45ET-2RS		45	68	32	25	60	0.6	1.0	7	180	360	0.427
GE50ET-2RS		50	75	35	28	66	0.6	1.0	6	220	440	0.546
GE55ET-2RS		55	85	40	32	74	0.6	1.0	7	284	573	0.939
GE60ET-2RS		60	90	44	36	80	1.0	1.0	6	345	695	1.04
GE70ET-2RS		70	105	49	40	92	1.0	1.0	6	440	880	1.55
GE80ET-2RS		80	120	55	45	105	1.0	1.0	6	567	1140	2.31
GE90ET-2RS		90	130	60	50	115	1.0	1.0	5	690	1370	2.75
GE100ET-2RS		100	150	70	55	130	1.0	1.0	7	858	1730	4.45
GE110ET-2RS		110	160	70	55	140	1.0	1.0	6	924	1860	4.82
GE120ET-2RS		120	180	85	70	160	1.0	1.0	6	1340	2700	8.05
GE140XT-2RS		140	210	90	70	180	1.0	1.0	7	1500	3000	11.02
GE160XT-2RS		160	230	105	80	200	1.0	1.0	8	1920	3800	14.01
GE180XT-2RS		180	260	105	80	225	1.1	1.1	6	2160	4300	18.65
GE200XT-2RS		200	290	130	100	250	1.1	1.1	7	3000	6000	28.03

Radial Spherical Plain Bearings





GEG. . . ET-2RS



GEG. . . XT-2RS

Sliding contact surfaces:

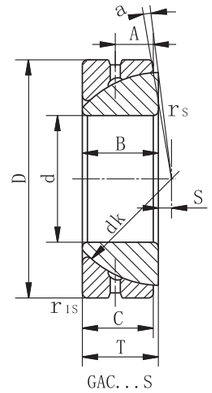
Steel / PTFE fabric

Bearings number	Dimensions mm								Load ratings		Weight ≈
	d	D	B	C	dk	rs	r1s	a	C dyn.	Co stat.	
	G 系列 Series G					(min)	(min)	≈	(KN)		(kg)
GEG15ET-2RS	15	30	16	10	25	0.3	0.3	16	30	60	0.049
GEG17ET-2RS	17	35	20	12	29	0.3	0.3	19	42	83	0.083
GEG20ET-2RS	20	42	25	16	35.5	0.3	0.6	17	68	137	0.153
GEG25ET-2RS	25	47	28	18	40.7	0.6	0.6	17	88	176	0.203
GEG30ET-2RS	30	55	32	20	47	0.6	1.0	17	112	224	0.304
GEG35ET-2RS	35	62	35	22	53	0.6	1.0	16	140	280	0.408
GEG40ET-2RS	40	68	40	25	60	0.6	1.0	17	180	360	0.542
GEG45ET-2RS	45	75	43	28	66	0.6	1.0	15	220	440	0.713
GEG50ET-2RS	50	90	56	36	80	0.6	1.0	17	345	695	1.14
GEG60ET-2RS	60	105	63	40	92	1.0	1.0	17	440	880	2.05
GEG70ET-2RS	70	120	70	45	105	1.0	1.0	16	567	1140	3.01
GEG80ET-2RS	80	130	75	50	115	1.0	1.0	14	690	1370	3.64
GEG90ET-2RS	90	150	85	55	130	1.0	1.0	15	858	1730	5.22
GEG100ET-2RS	100	160	85	55	140	1.0	1.0	14	924	1860	6.05
GEG110ET-2RS	110	180	100	70	160	1.0	1.0	12	1340	2700	9.68
GEG120XT-2RS	120	210	115	70	180	1.0	1.0	16	1500	3000	14.01
GEG140XT-2RS	140	230	130	80	200	1.0	1.0	16	1920	3800	19.01
GEG160XT-2RS	160	260	135	80	225	1.1	1.1	16	2160	4300	20.02
GEG180XT-2RS	180	290	155	100	250	1.1	1.1	14	3000	6000	32.21

Angular Contact Spherical Plain Bearings

Sliding contact surfaces:

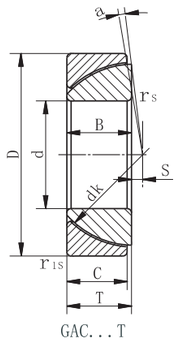
Steel / Steel



GAC. . . S

Bearings number	Dimensions mm										Load ratings		Weight ≈
	d	D	B	C	T	dk	S	A	rs	r1s	a	C dyn.	Co stat.	
									(min)		≈	(KN)		(kg)
GAC25S	25	47	15	14	15	42	0.6	7.5	1	2.5	50	250	0.148
GAC28S	28	52	16	15	16	47	1	8	1	2	60	300	0.186
GAC30S	30	55	17	15	17	49.5	1.3	8.5	1	4.5	63	315	0.208
GAC32S	32	58	17	16	17	52	2	8.5	1	2	71	354	0.241
GAC35S	35	62	18	16	18	55.5	2.1	9	1	4	78	390	0.268
GAC40S	40	68	19	17	19	62	2.8	9.5	1	3.5	92	463	0.327
GAC45S	45	75	20	18	20	68.5	3.5	10	1	3	108	540	0.416
GAC50S	50	80	20	19	20	74	4.3	10	1	1.5	123	618	0.455
GAC55S	55	90	23	20	23	82	5	11.5	1.1	4	144	721	0.645
GAC60S	60	95	23	21	23	88.5	5.7	11.5	1.1	2.5	163	817	0.714
GAC65S	65	100	23	22	23	93.5	6.5	11.5	1.1	1	180	905	0.759
GAC70S	70	110	25	23	25	102	7.2	12.5	1.1	2	206	1030	1.04
GAC75S	75	115	25	24	25	107	7.9	12.5	1.1	1	220	1129	1.12
GAC80S	80	125	29	25.5	29	115	8.6	14.5	1.1	3.5	258	1290	1.54
GAC85S	85	130	29	26.5	29	122	9.4	14.5	1.1	2	284	1422	1.61
GAC90S	90	140	32	28	32	128.5	10.1	16	1.5	3.5	316	1580	2.09
GAC95S	95	145	32	29.5	32	135	10.8	16	1.5	2	350	1750	2.22
GAC100S	100	150	32	31	32	141	11.6	16	1.5	0.5	384	1923	2.34
GAC105S	105	160	35	32.5	35	148	12.3	17.5	2	2	423	2116	2.93
GAC110S	110	170	38	34	38	155	13	19	2	3	463	2318	3.68
GAC120S	120	180	38	37	38	168	14.5	19	2	0.5	547	2735	3.97
GAC130S	130	200	45	43	45	188	18	19	2.5	1	710	3550	5.92
GAC140S	140	210	45	43	45	198	19	19	2.5	1	740	3740	6.33

Angular Contact Spherical Plain Bearings



GAC. . . T

Sliding contact surfaces:

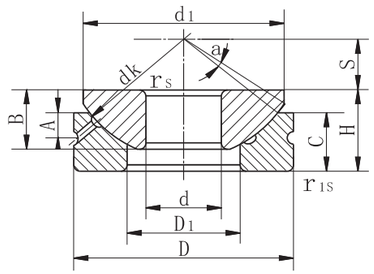
Steel / PTFE fabric

Bearings number	Dimensions mm										Load ratings		Weight ≈
	d	D	B	C	T	dk	S	rs (min)	r1s (min)	a ≈	C dyn. (KN)	Co stat. (KN)	(kg)
GAC25T	25	47	15	14	15	42	0.6	1		2.5	75	149	0.148
GAC28T	28	52	16	15	16	47	1	1		2	90	179	0.186
GAC30T	30	55	17	15	17	49.5	1.3	1		4.5	95	188	0.208
GAC32T	32	58	17	16	17	52	2	1		2	106	211	0.241
GAC35T	35	62	18	16	18	55.5	2.1	1		4	117	234	0.268
GAC40T	40	68	19	17	19	62	2.8	1		3.5	139	277	0.327
GAC45T	45	75	20	18	20	68.5	3.5	1		3	162	324	0.416
GAC50T	50	80	20	19	20	74	4.3	1		1.5	185	370	0.455
GAC55T	55	90	23	20	23	82	5	1.1		4	216	432	0.645
GAC60T	60	95	23	21	23	88.5	5.7	1.1		2.5	245	489	0.714
GAC65T	65	100	23	22	23	93.5	6.5	1.1		1	271	542	0.759
GAC70T	70	110	25	23	25	102	7.2	1.1		2	309	618	1.04
GAC75T	75	115	25	24	25	107	7.9	1.1		1	339	676	1.12
GAC80T	80	125	29	25.5	29	115	8.6	1.1		3.5	387	772	1.54
GAC85T	85	130	29	26.5	29	122	9.4	1.1		2	426	851	1.61
GAC90T	90	140	32	28	32	128.5	10.1	1.5		3.5	474	948	2.09
GAC95T	95	145	32	29.5	32	135	10.8	1.5		2	525	1049	2.22
GAC100T	100	150	32	31	32	141	11.6	1.5		0.5	577	1151	2.34
GAC105T	105	160	35	32.5	35	148	12.3	2		2	634	1267	2.93
GAC110T	110	170	38	34	38	155	13	2		3	695	1380	3.68
GAC120T	120	180	38	37	38	168	14.5	2		0.5	820	1630	3.97
GAC130T	130	200	45	43	45	188	18	2.5		1	1060	2310	5.92
GAC140T	140	210	45	43	45	198	19	2.5		1	1120	2240	6.33

Axial Spherical Plain Bearings

Sliding contact surfaces:

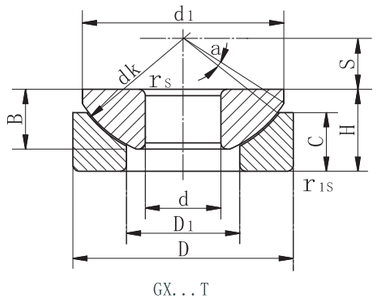
Steel / Steel



GX. . . S

Bearings number	Dimensions mm													Load ratings		Weight ≈
	d	D	B	C	H	dk	S	A	rs (min)	r1s (min)	d1 (max)	D1 (min)	a ≈	C dyn. (KN)	Co stat. (KN)	(kg)
GX15S	15	42	11	10.8	15	46	10	5	0.6		39	22.5	6	53	267	0.108
GX17S	17	47	11.8	11.2	16	52	11	5	0.6		43.5	27	4	61	311	0.137
GX20S	20	55	14.5	13.8	20	60	12.5	6	1		50	31	5	84	425	0.246
GX25S	25	62	16.5	16.7	22.5	68	14	6	1		58.5	34.5	5	134	672	0.415
GX30S	30	75	19	19	26	82	17.5	8	1		70	42	5	182	909	0.614
GX35S	35	90	22	20.7	28	98	22	8	1		84	50.5	5	266	1330	0.973
GX40S	40	105	27	21.5	32	114	24.5	9	1		97	59	6	357	1810	1.59
GX45S	45	120	31	25.5	36.5	128	27.5	11	1		110	67	6	486	2470	2.24
GX50S	50	130	33	30.5	42.5	139	30	10	1		120	70	6	554	2810	3.14
GX60S	60	150	37	34	45	160	35	12.5	1		140	84	6	748	3820	4.63
GX70S	70	160	42	36.5	50	176	35	13.5	1		153	94.5	3	902	4610	5.37
GX80S	80	180	43.5	38	50	197	42.5	14.5	1		172	107.5	4	1110	5700	6.91
GX100S	100	210	51	46	59	222	45	15	1.1		198	127	4	1300	6470	10.90

Axial Spherical Plain Bearings



GX. . . T

Sliding contact surfaces:

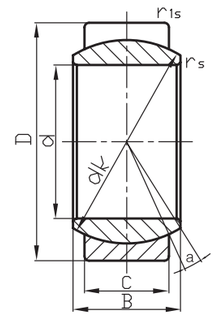
Steel / PTFE fabric

Bearings number	Dimensions mm												Load ratings		Weight ≈
	d	D	B	C	H	dk	S	rs (min)	r1s (min)	d1 (max)	D1 (min)	a ≈	C dyn. (KN)	Co stat. (KN)	(kg)
GX15T	15	42	11	10.8	15	46	10	0.6		39	22.5	6	79	160	0.108
GX17T	17	47	11.8	11.2	16	52	11	0.6		43.5	27	4	92	186	0.137
GX20T	20	55	14.5	13.8	20	60	12.5	1		50	31	5	127	255	0.246
GX25T	25	62	16.5	16.7	22.5	68	14	1		58.5	34.5	5	203	407	0.415
GX30T	30	75	19	19	26	82	17.5	1		70	42	5	275	551	0.614
GX35T	35	90	22	20.7	28	98	22	1		84	50.5	5	403	806	0.973
GX40T	40	105	27	21.5	32	114	24.5	1		97	59	6	540	1080	1.59
GX45T	45	120	31	25.5	36.5	128	27.5	1		110	67	6	730	1470	2.24
GX50T	50	130	33	30.5	42.5	139	30	1		120	70	6	840	1670	3.14
GX60T	60	150	37	34	45	160	35	1		140	84	6	1140	2280	4.63
GX70T	70	160	42	36.5	50	176	35	1		153	94.5	3	1370	2750	5.37
GX80T	80	180	43.5	38	50	197	42.5	1		172	107.5	4	1700	3410	6.91
GX100T	100	210	51	46	59	222	45	1.1		198	127	4	1940	3890	10.90

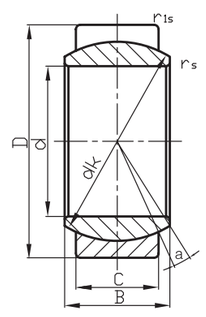
Radial Spherical Plain Bearings

Sliding contact surfaces:

Steel / Steel



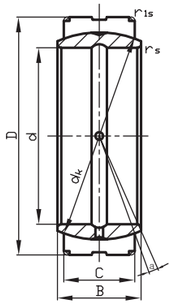
GE···E



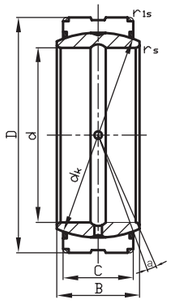
GEG···E

Bearing No.	Dimensions(mm) d	D	B	C	dk	rs (min)	r1s (min)	a ≈	Load Ratings KN Dynamic	Static	Weight ≈ (kg)
GE4E	4	12	5	3	8	0.3	0.3	16	2	10	0.003
GE5E	5	14	6	4	10	0.3	0.3	13	3.4	17	0.005
GE6E	6	14	6	4	10	0.3	0.3	13	3.4	17	0.004
GE8E	8	16	8	5	13	0.3	0.3	15	5.5	27	0.008
GE10E	10	19	9	6	16	0.3	0.3	12	8.1	40	0.011
GEG4E	4	14	7	4	10	0.3	0.3	20	3.4	17	0.005
GEG5E	5	16	9	5	13	0.3	0.3	21	5.5	27	0.008
GEG6E	6	16	9	5	13	0.3	0.3	21	5.5	27	0.006
GEG8E	8	19	11	6	16	0.3	0.3	21	8.1	40	0.014
GEG10E	10	22	12	7	18	0.3	0.3	18	10	53	0.021

Radial Spherical Plain Bearings



GEC···XS



GEC···XS–2RS

Sliding contact surfaces:

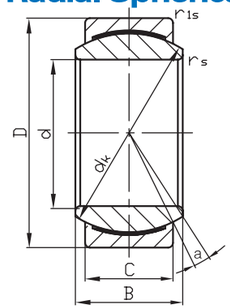
Steel / Steel

Bearings number		Dimensions mm								Load ratings		Weight ≈
No.		d	D	B	C	dk	rs (min)	r1s (min)	a ≈	Dynamic (KN)	Static	(kg)
GEC320XS	**GEC320XS–2RS**	320	440	160	135	380	1.1	3	4	4400	22000	78
GEC340XS	**GEC340XS–2RS**	340	460	160	135	400	1.1	3	3	4650	23200	83
GEC360XS	**GEC360XS–2RS**	360	480	160	135	420	1.1	3	3	4800	24000	87
GEC380XS	**GEC380XS–2RS**	380	520	190	160	450	1.5	4	4	6300	31500	129
GEC400XS	**GEC400XS–2RS**	400	540	190	160	470	1.5	4	3	6550	32500	135
GEC420XS	**GEC420XS–2RS**	420	560	190	160	490	1.5	4	3	6800	34500	141
GEC440XS	**GEC440XS–2RS**	440	600	218	185	520	1.5	4	3	8650	42300	196
GEC460XS	**GEC460XS–2RS**	460	620	218	185	540	1.5	4	3	9000	45000	204

Radial Spherical Plain Bearings

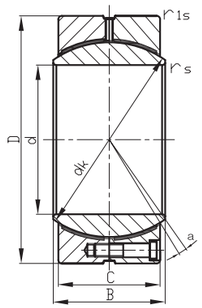
Sliding contact surfaces:

Steel / PTFE composite material



GE···C GEG···C

Bearing	Dimensions(mm)								Load Ratings KN		Weight ≈
No.	d	D	B	C	dk	rs (min)	r1s (min)	a ≈	Dynamic (KN)	Static	(kg)
GE4C	4	12	5	3	8	0.3	0.3	16	2.1	5.4	0.003
GE5C	5	14	6	4	10	0.3	0.3	13	3.6	9.1	0.005
GE6C	6	14	6	4	10	0.3	0.3	13	3.6	9.1	0.004
GE8C	8	16	8	5	13	0.3	0.3	15	5.8	14	0.008
GE10C	10	19	9	6	16	0.3	0.3	12	8.6	21	0.011
GE12C	12	22	10	7	18	0.3	0.3	10	11	28	0.015
GE15C	15	26	12	9	22	0.3	0.3	8	18	45	0.027
GE17C	17	30	14	10	25	0.3	0.3	10	22	56	0.041
GE20C	20	35	16	12	29	0.3	0.3	9	31	78	0.066
GE25C	25	42	20	16	35.5	0.6	0.6	7	51	127	0.119
GE30C	30	47	22	18	40.7	0.6	0.6	6	65	166	0.163
GEG4C	4	14	7	4	10	0.3	0.3	20	3.6	9.1	0.005
GEG5C	5	16	9	5	13	0.3	0.3	21	5.8	14	0.008
GEG6C	6	16	9	5	13	0.3	0.3	21	5.8	14	0.006
GEG8C	8	19	11	6	16	0.3	0.3	21	8.6	21	0.014
GEG10C	10	22	12	7	18	0.3	0.3	18	11	28	0.021
GEG12C	12	26	15	9	22	0.3	0.3	18	18	45	0.033
GEG15C	15	30	16	10	25	0.3	0.3	16	22	56	0.049
GEG17C	17	35	20	12	29	0.3	0.3	19	31	78	0.083
GEG20C	20	42	25	16	35.5	0.3	0.3	17	51	127	0.153
GEG25C	25	47	28	18	40.7	0.6	0.6	17	65	166	0.203
GEG30C	30	55	32	20	47	0.6	0.6	17	83	212	0.304



GEH···HC

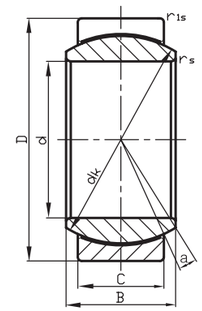
Sliding contact surfaces:

Steel / PTFE composite material

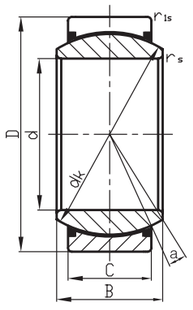
Bearing No.	d	D	B	C	dk	rs (min)	r1s (min)	a ≈	Load Ratings KN Dynamic (KN)	Load Ratings KN Static (KN)	Weight ≈ (kg)
GEH100HC	100	150	71	67	135	1	1	2	810	1350	5.24
GEH110HC	110	160	78	74	145	1	1	2	960	1650	6.23
GEH120HC	120	180	85	80	160	1	1	2	1150	1950	9.01
GEH140HC	140	210	100	95	185	1	1	2	1580	2700	14.5
GEH160HC	160	230	115	109	210	1	1	2	2060	3600	18.6
GEH180HC	180	260	128	122	240	1.1	1.1	2	2630	4600	26.8
GEH200HC	200	290	140	134	260	1.1	1.1	2	3130	5500	36.7
GEH220HC	220	320	155	148	290	1.1	1.1	2	3860	6800	49.8
GEH240HC	240	340	170	162	310	1.1	1.1	2	4510	8000	58.5
GEH260HC	260	370	185	175	340	1.1	1.1	2	5350	9500	75.7
GEH280HC	280	400	200	190	370	1.1	1.1	2	6320	11200	96.8
GEH300HC	300	430	212	200	390	1.1	1.1	2	7020	12500	118
GEH320HC	320	460	230	218	414	1.1	3	2	8120	14500	148
GEH340HC	340	480	243	230	434	1.1	3	2	8980	16000	163
GEH360HC	360	520	258	243	474	1.1	4	2	10300	18400	213
GEH380HC	380	540	272	258	494	1.5	4	2	11400	20400	236
GEH400HC	400	580	280	265	514	1.5	4	2	12200	21800	290
GEH420HC	420	600	300	280	534	1.5	4	2	13400	24000	319
GEH440HC	440	630	315	300	574	1.5	4	2	15400	27600	379
GEH460HC	460	650	325	308	593	1.5	4	2	16400	29300	404
GEH480HC	480	680	340	320	623	2	5	2	17900	32000	463
GEH500HC	500	710	355	335	643	2	5	2	19300	34600	529
GEH530HC	530	750	375	355	673	2	5	2	21500	38500	620
GEH560HC	560	800	400	380	723	2	5	2	24700	44300	770
GEH600HC	600	850	425	400	773	2	6	2	27800	49800	903

Sliding contact surfaces:

Steel / PTFE composite material



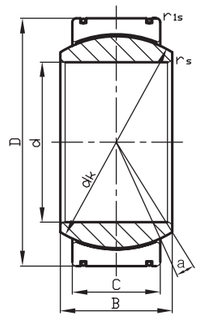
GE···ET/X



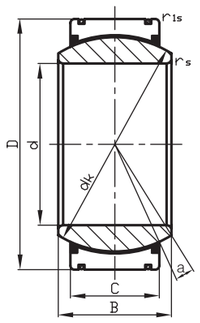
GE···ET–2RS/X

Bearing No.		d	D	B	C	dk	rs (min)	r1s (min)	a ≈	Load Ratings KN Dynamic (KN)	Load Ratings KN Static (KN)	Weight ≈ (kg)
GE15ET/X	**GE15ET–2RS/X**	15	26	12	9	22	0.3	0.3	8	25	50	0.027
GE17ET/X	**GE17ET–2RS/X**	17	30	14	10	25	0.3	0.3	10	32	64	0.041
GE20ET/X	**GE20ET–2RS/X**	20	35	16	12	29	0.3	0.3	9	45	90	0.066
GE25ET/X	**GE25ET–2RS/X**	25	42	20	16	35.5	0.6	0.6	7	85	170	0.119
GE30ET/X	**GE30ET–2RS/X**	30	47	22	18	40.7	0.6	0.6	6	110	220	0.153
GE35ET/X	**GE35ET–2RS/X**	35	55	25	20	47	0.6	1	6	140	280	0.233
GE40ET/X	**GE40ET–2RS/X**	40	62	28	22	53	0.6	1	7	175	350	0.306
GE45ET/X	**GE45ET–2RS/X**	45	68	32	25	60	0.6	1	7	225	450	0.427
GE50ET/X	**GE50ET–2RS/X**	50	75	35	28	66	0.6	1	6	275	550	0.546
GE55ET/X	**GE55ET–2RS/X**	55	85	40	32	74	0.6	1	7	355	710	0.939
GE60ET/X	**GE60ET–2RS/X**	60	90	44	36	80	1	1	6	430	860	1.04

Radial Spherical Plain Bearings



GE···XT/X



GE···XT–2RS/X

Sliding contact surfaces:

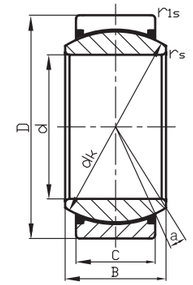
Stainless steel / PTFE fabric

Bearing No.		d	D	B	C	dk	rs (min)	r1s (min)	a ≈	Load Ratings KN Dynamic (KN)	Load Ratings KN Static (KN)	Weight ≈ (kg)
GE70XT/X	**GE70XT–2RS/X**	70	105	49	40	92	1	1	6	550	1100	1.55
GE80XT/X	**GE80XT–2RS/X**	80	120	55	45	105	1	1	6	705	1410	2.31
GE90XT/X	**GE90XT–2RS/X**	90	130	60	50	115	1	1	5	860	1720	2.75
GE100XT/X	**GE100XT–2RS/X**	100	150	70	55	130	1	1	7	1070	2140	4.45
GE110XT/X	**GE110XT–2RS/X**	110	160	70	55	140	1	1	6	1150	2300	4.82
GE120XT/X	**GE120XT–2RS/X**	120	180	85	70	160	1	1	6	1680	3360	8.05
GE140XT/X	**GE140XT–2RS/X**	140	210	90	70	180	1	1	7	1890	3780	11.02
GE160XT/X	**GE160XT–2RS/X**	160	230	105	80	200	1	1	8	2400	4800	14.01
GE180XT/X	**GE180XT–2RS/X**	180	260	105	80	225	1.1	1.1	6	2700	5400	18.65
GE200XT/X	**GE200XT–2RS/X**	200	290	130	100	250	1.1	1.1	7	3750	7500	28.03

Radial Spherical Plain Bearings

Sliding contact surfaces:

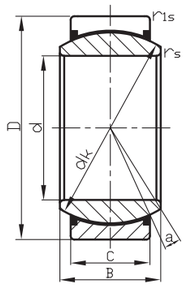
Steel / PTFE fabric



GEZ···ET–2RS

Bearing No.	d	D	B	C	dk	rs (min)	r1s (min)	a ≈	Load Ratings KN Dynamic (KN)	Load Ratings KN Static (KN)	Weight ≈ (kg)
GEZ19ET–2RS	19.050 0.75	31.750 1.25	16.662 0.656	14.275 0.562	27.5 1.081	0.3 0.012	0.6 0.024	6	50	100	0.053
GEZ22ET–2RS	22.225 0.875	36.513 1.4375	19.431 0.756	16.662 0.656	32 1.258	0.3 0.012	0.6 0.024	6	69	138	0.085
GEZ25ET–2RS	25.400 1	41.275 1.625	22.225 0.875	19.050 0.75	36.5 1.437	0.3 0.012	0.6 0.024	6	104	208	0.121
GEZ31ET–2RS	31.750 1.25	50.800 2	27.762 1.093	23.800 0.937	45.5 1.788	0.6 0.024	0.6 0.024	6	160	320	0.23
GEZ34ET–2RS	34.925 1.375	55.563 2.1875	30.150 1.187	26.187 1.031	49 1.926	0.6 0.024	1 0.04	6	190	380	0.35
GEZ38ET–2RS	38.100 1.5	61.913 2.4375	33.325 1.312	28.575 1.125	54.7 2.154	0.6 0.024	1 0.04	6	235	470	0.42
GEZ44ET–2RS	44.450 1.75	71.438 2.8125	38.887 1.531	33.325 1.312	63.9 2.511	0.6 0.024	1 0.04	6	320	640	0.64
GEZ50ET–2RS	50.800 2	80.963 3.1875	44.450 1.75	38.100 1.5	73 2.869	0.6 0.024	1 0.04	6	415	830	0.93
GEZ57ET–2RS	57.150 2.25	90.488 3.5625	50.013 1.969	42.850 1.687	82 3.223	0.6 0.024	1 0.04	6	525	1050	1.3
GEZ63ET–2RS	63.500 2.5	100.013 3.9375	55.550 2.187	47.625 1.875	92 3.616	1 0.04	1 0.04	6	655	1310	1.85
GEZ69ET–2RS	69.850 2.75	111.125 4.375	61.112 2.406	52.375 2.062	100 3.937	1 0.04	1 0.04	6	785	1570	2.4
GEZ76ET–2RS	76.200 3	120.650 4.75	66.675 2.625	57.150 2.25	109.5 4.303	1 0.04	1 0.04	6	935	1870	3.1
GEZ82ET–2RS	82.550 3.25	130.175 5.125	72.238 2.844	61.900 2.437	119 4.685	1 0.04	1 0.04	6	1100	2200	3.8
GEZ88ET–2RS	88.900 3.5	139.700 5.5	77.775 3.062	66.675 2.625	128 5.04	1 0.04	1 0.04	6	1280	2560	4.8
GEZ95ET–2RS	95.250 3.75	149.225 5.875	83.337 3.281	71.425 2.812	137 5.393	1 0.04	1 0.04	6	1460	2920	5.8
GEZ101ET–2RS	101.600 4	158.750 6.25	88.900 3.5	76.200 3	146 5.748	1 0.04	1 0.04	6	1660	3320	7

Radial Spherical Plain Bearings



GEZ···ET–2RS

Sliding contact surfaces:

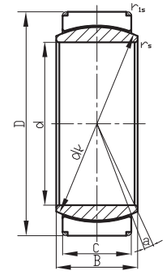
Steel / PTFE fabric

Bearing No.	Dimensions(mm) d	D	B	C	dk	rs (min)	r1s (min)	a ≈	Load Ratings KN Dynamic	Static	Weight ≈ (kg)
GEZ107ET–2RS	107.950 4.25	168.275 6.625	94.463 3.719	80.950 3.187	155 6.102	1 0.04	1 0.04	6	1880	3760	8.41
GEZ114ET–2RS	114.300 4.5	177.800 7	100.013 3.937	85.725 3.375	164.5 6.476	1 0.04	1 0.04	6	2110	4220	9.8
GEZ120ET–2RS	120.650 4.75	187.325 7.375	105.562 4.156	90.475 3.562	173.5 6.83	1 0.04	1 0.04	6	2350	4700	11.5
GEZ127ET–2RS	127.00 5	196.850 7.75	111.125 4.375	95.250 3.75	183 7.204	1 0.04	1 0.04	6	2610	5220	13.5
GEZ152ET–2RS	152.400 6	222.250 8.75	120.65 4.75	104.775 4.125	207 8.15	1 0.04	1 0.04	6	3250	6500	17.5

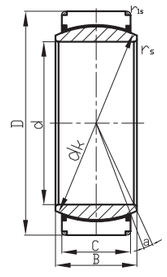
Radial Spherical Plain Bearings

Sliding contact surfaces:

Steel / PTFE fabric



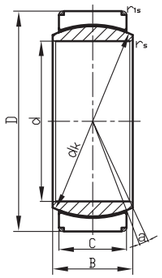
GEC···XT



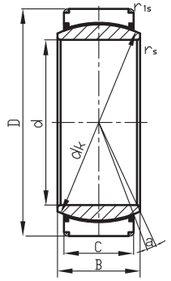
GEC···XT–2RS

Bearing No.		Dimensions(mm) d	D	B	C	dk	rs (min)	r1s (min)	a ≈	Load Ratings KN Dynamic	Static	Weight ≈ (kg)
GEC320XT	**GEC320XT–2RS**	320	440	160	135	380	1.1	3	4	9230	13850	78
GEC340XT	**GEC340XT–2RS**	340	460	160	135	400	1.1	3	3	9720	14580	83
GEC360XT	**GEC360XT–2RS**	360	480	160	135	420	1.1	3	3	10200	15300	87
GEC380XT	**GEC380XT–2RS**	380	520	190	160	450	1.5	4	4	12960	19440	129
GEC400XT	**GEC400XT–2RS**	400	540	190	160	470	1.5	4	3	13530	20300	135
GEC420XT	**GEC420XT–2RS**	420	560	190	160	490	1.5	4	3	14110	21160	141
GEC440XT	**GEC440XT–2RS**	440	600	218	185	520	1.5	4	3	17310	25970	196
GEC460XT	**GEC460XT–2RS**	460	620	218	185	540	1.5	4	3	17980	26970	204

Radial Spherical Plain Bearings



GEH···XT



GEH···XT–2RS

Sliding contact surfaces:

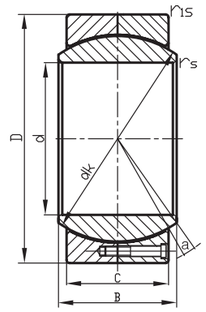
Steel / PTFE fabric

Bearing No.		Dimensions(mm) d	D	B	C	dk	rs (min)	r1s (min)	a ≈	Load Ratings KN Dynamic (KN)	Static	Weight ≈ (kg)
GEH100XT	**GEH100XT–2RS**	100	150	71	67	135	1	1	2	1350	2700	5.24
GEH110XT	**GEH110XT–2RS**	110	160	78	74	145	1	1	2	1600	3200	6.23
GEH120XT	**GEH120XT–2RS**	120	180	85	80	160	1	1	2	1920	3840	9.01
GEH140XT	**GEH140XT–2RS**	140	210	100	95	185	1	1	2	2630	5260	14.5
GEH160XT	**GEH160XT–2RS**	160	230	115	109	210	1	1	2	3430	6860	18.6
GEH180XT	**GEH180XT–2RS**	180	260	128	122	240	1.1	1.1	2	4390	8780	26.8
GEH200XT	**GEH200XT–2RS**	200	290	140	134	260	1.1	1.1	2	5220	10440	36.7
GEH220XT	**GEH220XT–2RS**	220	320	155	148	290	1.1	1.1	2	6430	12860	49.8
GEH240XT	**GEH240XT–2RS**	240	340	170	162	310	1.1	1.1	2	7530	15060	58.5
GEH260XT	**GEH260XT–2RS**	260	370	185	175	340	1.1	1.1	2	8920	17840	75.7
GEH280XT	**GEH280XT–2RS**	280	400	200	190	370	1.1	1.1	2	10540	21080	96.8
GEH300XT	**GEH300XT–2RS**	300	430	212	200	390	1.1	1.1	2	11700	23400	118
GEH320XT	**GEH320XT–2RS**	320	460	230	218	414	1.1	3	2	16240	24360	148
GEH340XT	**GEH340XT–2RS**	340	480	243	230	434	1.1	3	2	17960	26940	163
GEH360XT	**GEH360XT–2RS**	360	520	258	243	474	1.1	4	2	20730	31090	213
GEH380XT	**GEH380XT–2RS**	380	540	272	258	494	1.5	4	2	22940	34410	236
GEH400XT	**GEH400XT–2RS**	400	580	280	265	514	1.5	4	2	24510	36760	290
GEH420XT	**GEH420XT–2RS**	420	600	300	280	534	1.5	4	2	26910	40360	319

Radial Spherical Plain Bearings

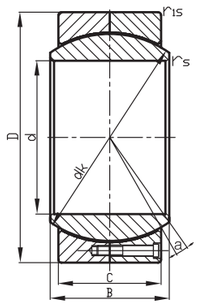
Sliding contact surfaces:

Steel / PTFE fabric



GEC···HT

Bearing No.	Dimensions(mm) d	D	B	C	dk	rs (min)	r1s (min)	a ≈	Load Ratings KN Dynamic (KN)	Static	Weight ≈ (kg)
GEC320HT	320	440	160	135	380	1.1	3	4	7380	11070	78
GEC340HT	340	460	160	135	400	1.1	3	3	7770	11650	83
GEC360HT	360	480	160	135	420	1.1	3	3	8160	12240	87
GEC380HT	380	520	190	160	450	1.5	4	4	10360	15540	129
GEC400HT	400	540	190	160	470	1.5	4	3	10820	16230	135
GEC420HT	420	560	190	160	490	1.5	4	3	11280	16920	141
GEC440HT	440	600	218	185	520	1.5	4	3	13850	20770	196
GEC460HT	460	620	218	185	540	1.5	4	3	14380	21570	204
GEC480HT	480	650	230	195	565	2	5	3	15860	23790	239
GEC500HT	500	670	230	195	585	2	5	3	16420	24630	248
GEC530HT	530	710	243	205	620	2	5	3	18300	27450	294
GEC560HT	560	750	258	215	655	2	5	4	20270	30410	345
GEC600HT	600	800	272	230	700	2	5	3	23180	34770	413



GEH···HT

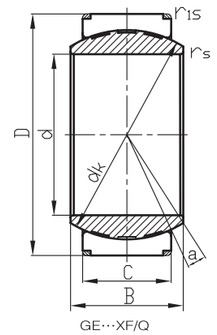
Sliding contact surfaces:

Steel / PTFE fabric

Bearing No.	Dimensions (mm) d	D	B	C	dk	rs (min)	r1s (min)	a ≈	Load Ratings KN Dynamic	Static	Weight ≈ (kg)
GEH100HT	100	150	71	67	135	1	1	2	1080	2160	5.24
GEH110HT	110	160	78	74	145	1	1	2	1280	2560	6.23
GEH120HT	120	180	85	80	160	1	1	2	1530	3060	9.01
GEH140HT	140	210	100	95	185	1	1	2	2100	4200	14.5
GEH160HT	160	230	115	109	210	1	1	2	2740	5480	18.6
GEH180HT	180	260	128	122	240	1.1	1.1	2	3510	7020	26.8
GEH200HT	200	290	140	134	260	1.1	1.1	2	4180	8360	36.7
GEH220HT	220	320	155	148	290	1.1	1.1	2	5150	10300	49.8
GEH240HT	240	340	170	162	310	1.1	1.1	2	6020	12040	58.5
GEH260HT	260	370	185	175	340	1.1	1.1	2	7140	14280	75.7
GEH280HT	280	400	200	190	370	1.1	1.1	2	8430	16860	96.8
GEH300HT	300	430	212	200	390	1.1	1.1	2	9360	18720	118
GEH320HT	320	460	230	218	414	1.1	3	2	12990	19480	148
GEH340HT	340	480	243	230	434	1.1	3	2	14370	21550	163
GEH360HT	360	520	258	243	474	1.1	4	2	16580	24870	213
GEH380HT	380	540	272	258	494	1.5	4	2	18350	27520	236
GEH400HT	400	580	280	265	514	1.5	4	2	19610	29410	290
GEH420HT	420	600	300	280	534	1.5	4	2	21530	32290	319
GEH440HT	440	630	315	300	574	1.5	4	2	24790	37180	379
GEH460HT	460	650	325	308	593	1.5	4	2	26300	39450	404
GEH480HT	480	680	340	320	623	2	5	2	28700	43050	463
GEH500HT	500	710	355	335	643	2	5	2	31000	46500	529
GEH530HT	530	750	375	355	673	2	5	2	34400	51600	620
GEH560HT	560	800	400	380	723	2	5	2	39560	59340	770
GEH600HT	600	850	425	400	773	2	6	2	44520	66780	903
GEH630HT	630	900	450	425	813	3	6	2	49750	74620	1092

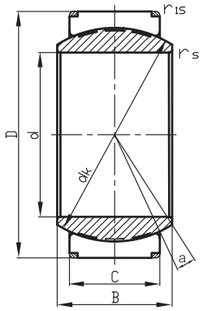
Sliding contact surfaces:

Steel / PTFE fabric



GE···XF/Q

Bearing No.	Dimensions (mm) d	D	B	C	dk	rs (min)	r1s (min)	a ≈	Load Ratings KN Dynamic	Static	Weight ≈ (kg)
GE100XF/Q	100	150	70	55	130	1	1	7	710	1070	4.36
GE110XF/Q	110	160	70	55	140	1	1	6	770	1150	4.74
GE120XF/Q	120	180	85	70	160	1	1	6	1120	1680	7.94
GE140XF/Q	140	210	90	70	180	1	1	7	1260	1890	11
GE160XF/Q	160	230	105	80	200	1	1	8	1600	2400	13.9
GE180XF/Q	180	260	105	80	225	1.1	1.1	6	1800	2700	18.2
GE200XF/Q	200	290	130	100	250	1.1	1.1	7	2500	3750	28
GE220XF/Q	220	320	135	100	275	1.1	1.1	8	2750	4120	35
GE240XF/Q	240	340	140	100	300	1.1	1.1	8	3000	4500	38.7
GE260XF/Q	260	370	150	110	325	1.1	1.1	7	3570	5360	50.3
GE280XF/Q	280	400	155	120	350	1.1	1.1	6	4200	6300	63.5
GE300XF/Q	300	430	165	120	375	1.1	1.1	7	4500	6750	75.8



GEH···XF/Q

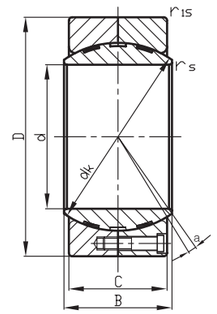
Sliding contact surfaces:

Steel /Copper alloy

Bearing No.	Dimensions (mm) d	D	B	C	dk	rs (min)	r1s (min)	a ≈	Load Ratings KN Dynamicg	Staticg	Weight ≈ (kg)
GEH100XF/Q	100	150	71	67	135	1	1	2	900	1350	5.06
GEH110XF/Q	110	160	78	74	145	1	1	2	1070	1600	6.00
GEH120XF/Q	120	180	85	80	160	1	1	2	1280	1920	8.71
GEH140XF/Q	140	210	100	95	185	1	1	2	1750	2630	14.0
GEH160XF/Q	160	230	115	109	210	1	1	2	2280	3430	17.9
GEH180XF/Q	180	260	128	122	240	1.1	1.1	2	2920	4390	25.8
GEH200XF/Q	200	290	140	134	260	1.1	1.1	2	3480	5220	35.6
GEH220XF/Q	220	320	155	148	290	1.1	1.1	2	4290	6430	48.1
GEH240XF/Q	240	340	170	162	310	1.1	1.1	2	5020	7530	56.5
GEH260XF/Q	260	370	185	175	340	1.1	1.1	2	5950	8920	73.0
GEH280XF/Q	280	400	200	190	370	1.1	1.1	2	7030	10540	93.2
GEH300XF/Q	300	430	212	200	390	1.1	1.1	2	7800	11700	114
GEH320XF/Q	320	460	230	218	414	1.1	3	2	9020	13530	143
GEH340XF/Q	340	480	243	230	434	1.1	3	2	9980	14970	158
GEH360XF/Q	360	520	258	243	474	1.1	4	2	11510	17270	206
GEH380XF/Q	380	540	272	258	494	1.5	4	2	12740	19110	228
GEH400XF/Q	400	580	280	265	514	1.5	4	2	13620	20430	281
GEH420XF/Q	420	600	300	280	534	1.5	4	2	14950	22420	310

Sliding contact surfaces:

Steel /Copper alloy

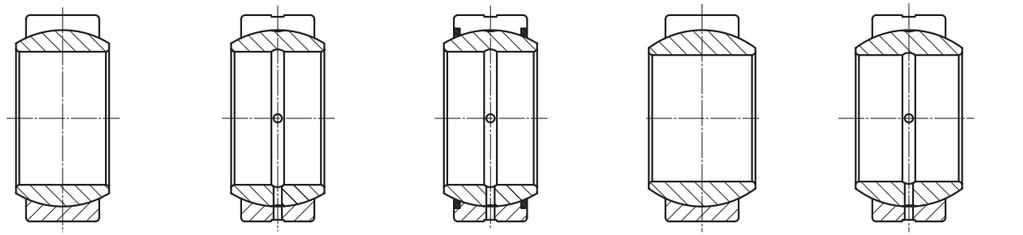


GEH···HF/Q

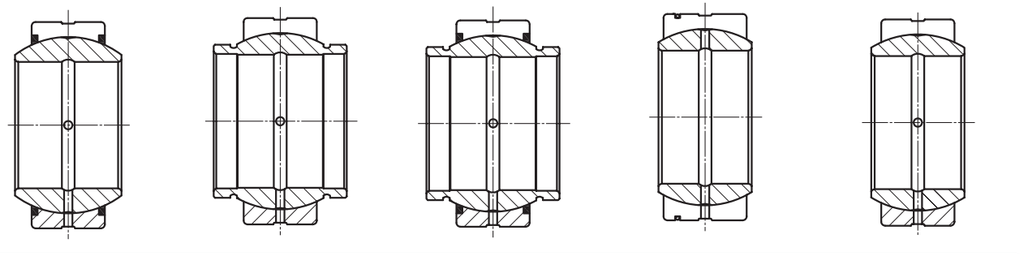
Bearing No.	Dimensions (mm) d	D	B	C	dk	rs (min)	r1s (min)	a ≈	Load Ratings KN Dynamicg	Staticg	Weight ≈ (kg)
GEH440HF/Q	440	630	315	300	574	1.5	4	2	13750	20650	366
GEH460HF/Q	460	650	325	308	593	1.5	5	2	14600	21900	390
GEH480HF/Q	480	680	340	320	623	2	5	2	15900	23900	446
GEH500HF/Q	500	710	355	335	643	2	5	2	17200	25800	512
GEH530HF/Q	530	750	375	355	673	2	5	2	19100	28650	601
GEH560HF/Q	560	800	400	380	723	2	5	2	21950	32950	745
GEH600HF/Q	600	850	420	400	773	2	6	2	24700	37100	872
GEH630HF/Q	630	900	450	425	813	3	6	2	27600	41400	1056

Kinds Of Spherical Plain Bearings

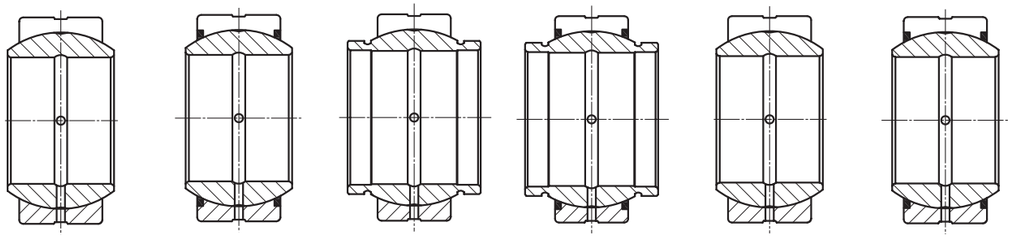
Radial Spherical Plain Bearings Requiring Maintenance



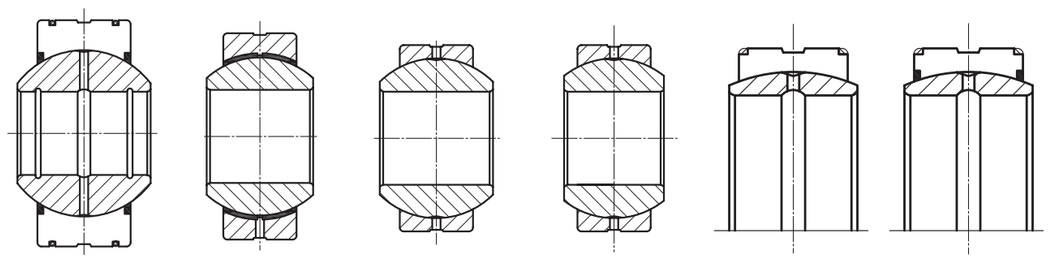
GE...E | GE...ES | GE...ES–2RS | GEG...E | GEG...ES



GEG...ES–2RS | GEEW...ES | GEEM...ES–2RS | GE...XS/K | GEF...ES



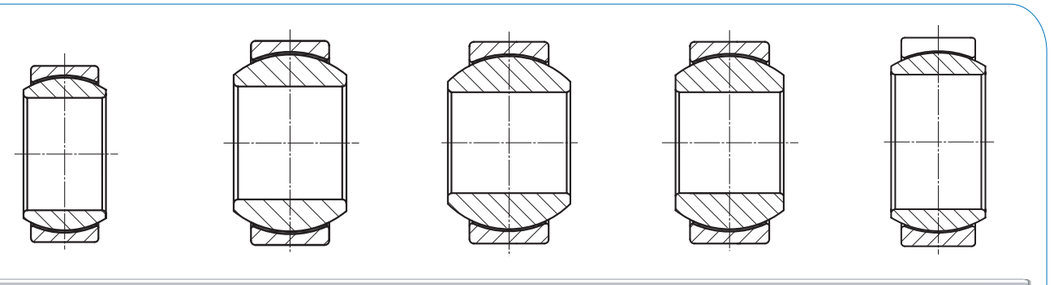
GEZ...ES | GEZ...ES–2RS | GEWZ...ES | GEWZ...ES–2RS | GEGZ...ES | GEGZ...ES–2RS



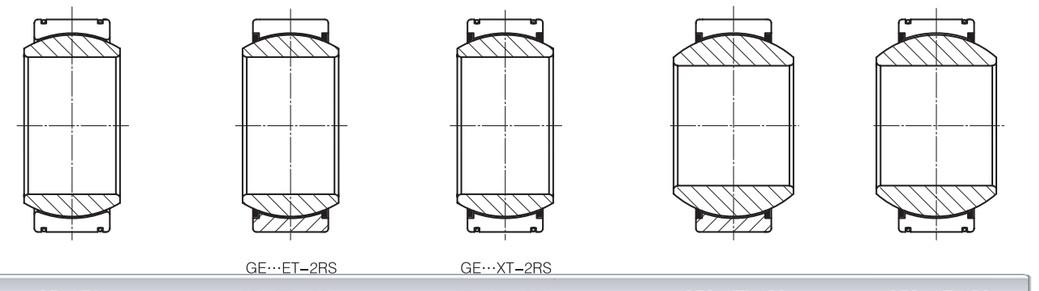
GEK...XS–2RS | GEBK...S | GEBJ...S | GEFZ...S | GEC...XS | GEC...XS–2RS

Kinds Of Spherical Plain Bearings

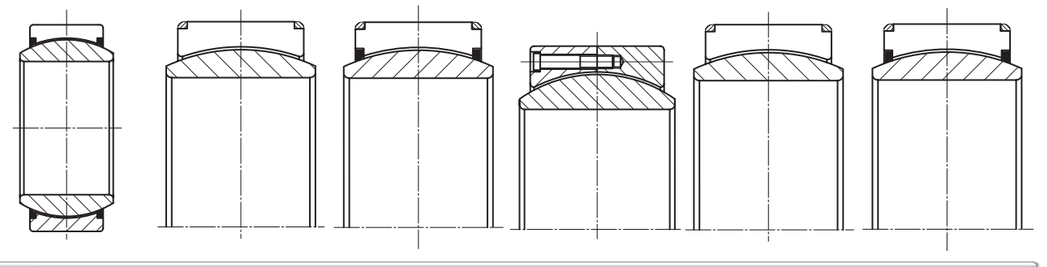
Maitenance–free Radial Spherical Plain Bearings



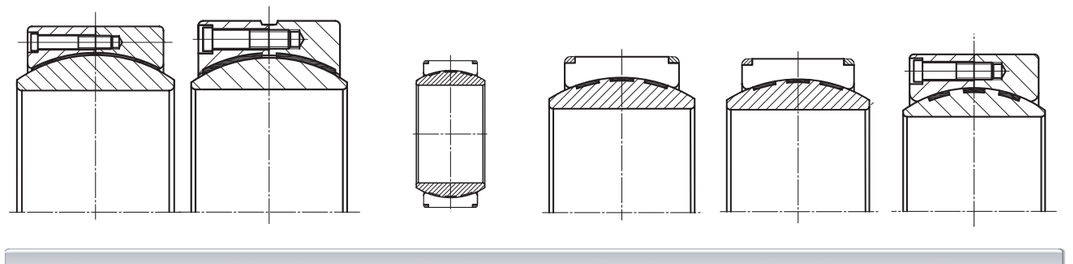
GE···C | GEG···C | GEBJ···C | GEFZ···C | GE···ET/X



GE···XT/X | GE···ET–2RS GE···ET–2RS/X | GE···XT–2RS GE···XT–2RS/X | GEG···ET–2RS | GEG···XT–2RS



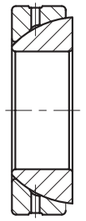
GEZ···ET–2RS | GEC···XT | GEC···XT–2RS | GEC···HT | GEH···XT | GEH···XT–2RS



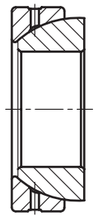
GEH···HT | GEH···HC | GE···XF/Q | GEC···XF/Q | GEH···XF/Q | GEH···HF/Q

Kinds Of Spherical Plain Bearings

Angular Contact Spherical Plain Bearings Requiring Maintenance

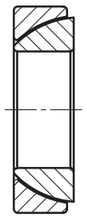


GAC···S



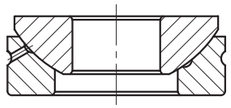
GACZ···S

Maitenance–free Angular contact Spherical Plain Bearings



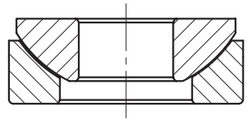
GAC···T

Spherical Plain Thrust Bearings Requiring Maintenance



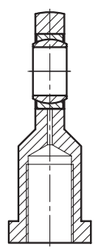
GX···S

Maitenance–free Spherical Plain Thrust Bearings

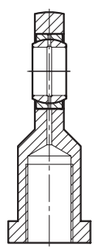


GX···T

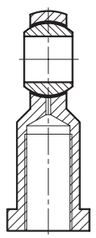
Rod Ends Requiring Maintenance



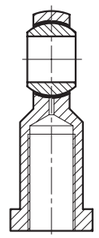
SI···E



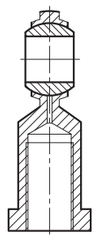
SI···ES



SIBP···S



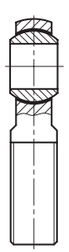
SIZP···S



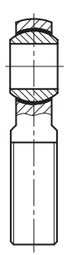
SIZJ···

SA···E

SA···ES



SABP···S

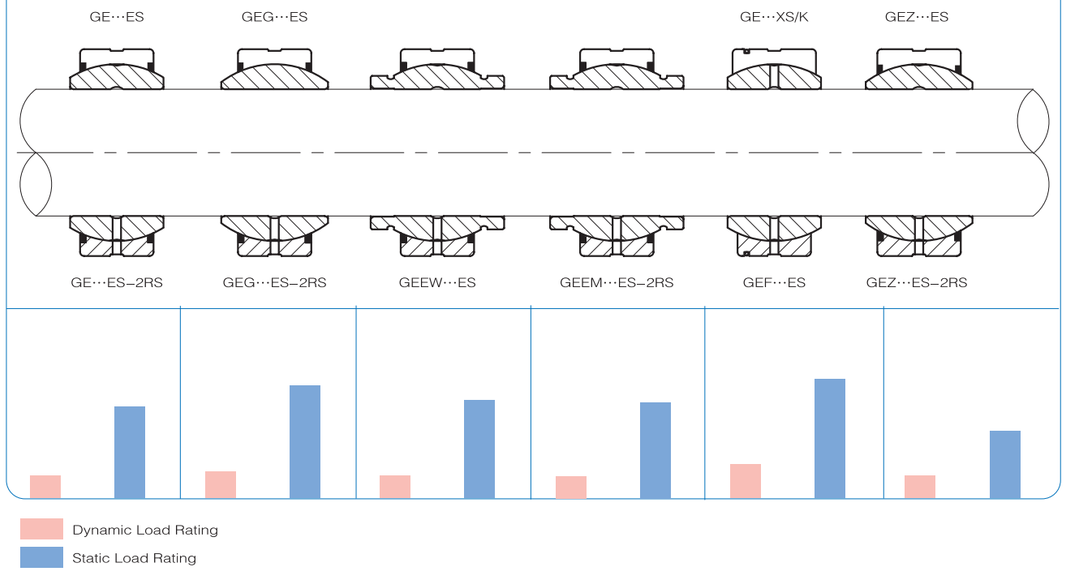


SAZP···S

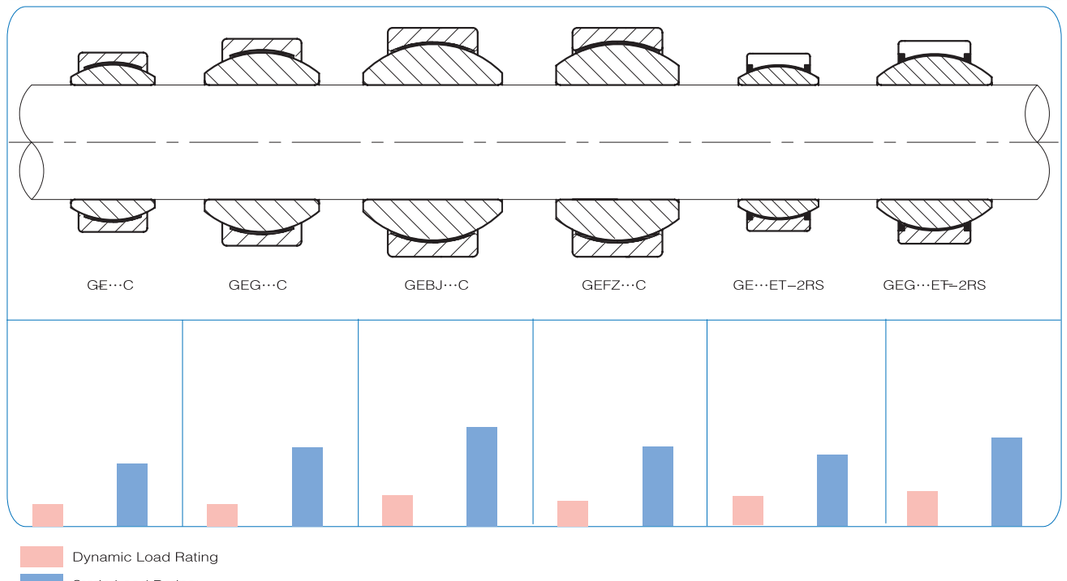
SAZJ···

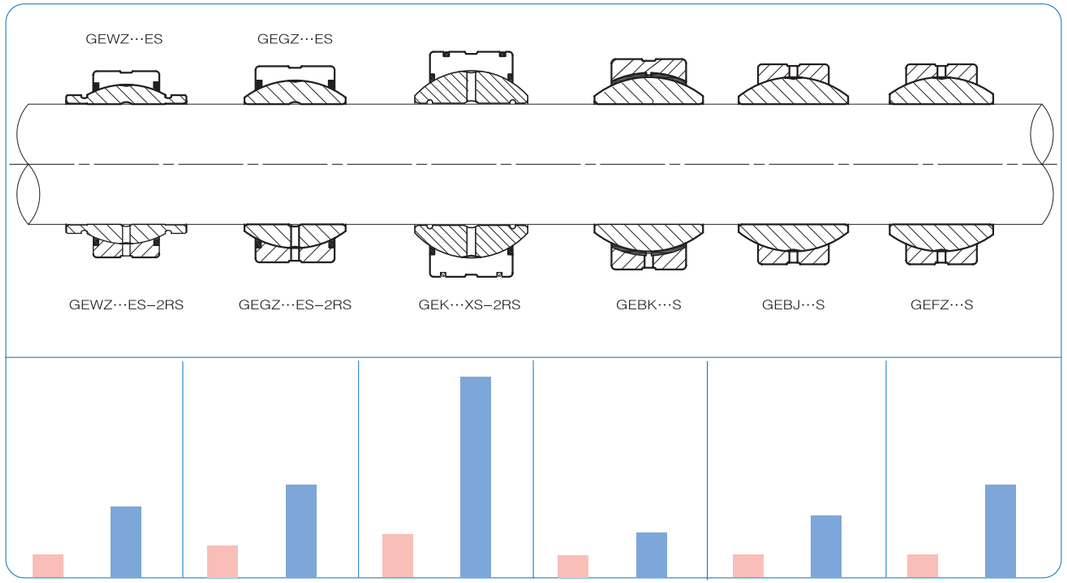
Capability For Radial Spherical Plain Bearings

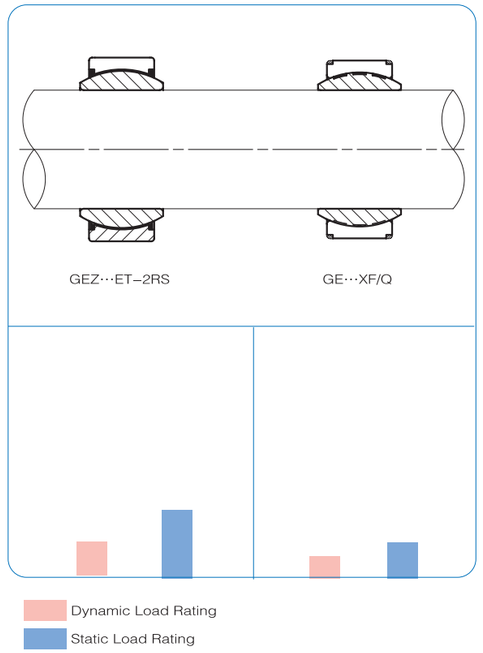
Radial Spherical Plain Bearings Requiring Maintenance



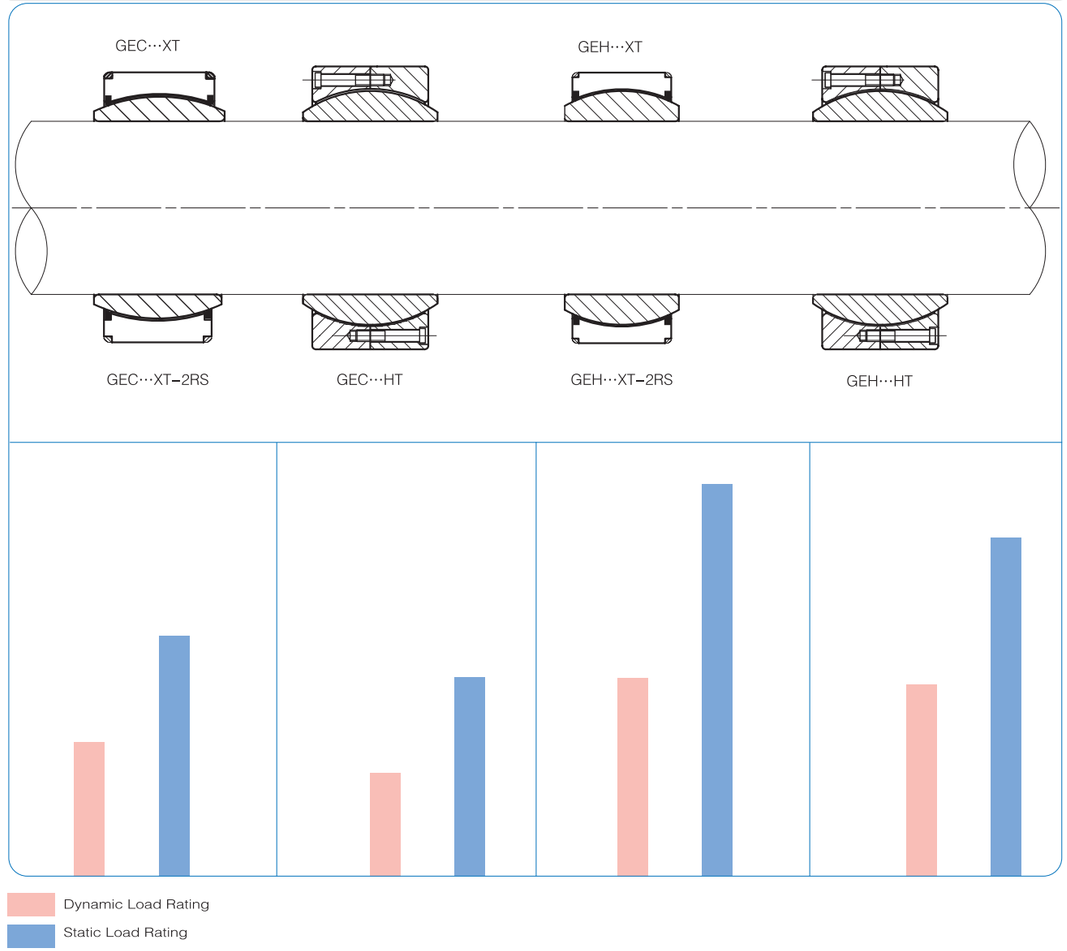
Maintenance–Free Radial Spherical Plain Bearings



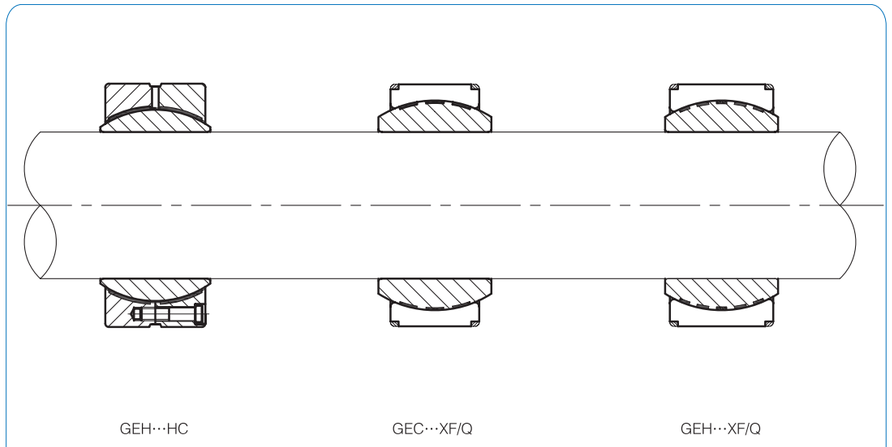


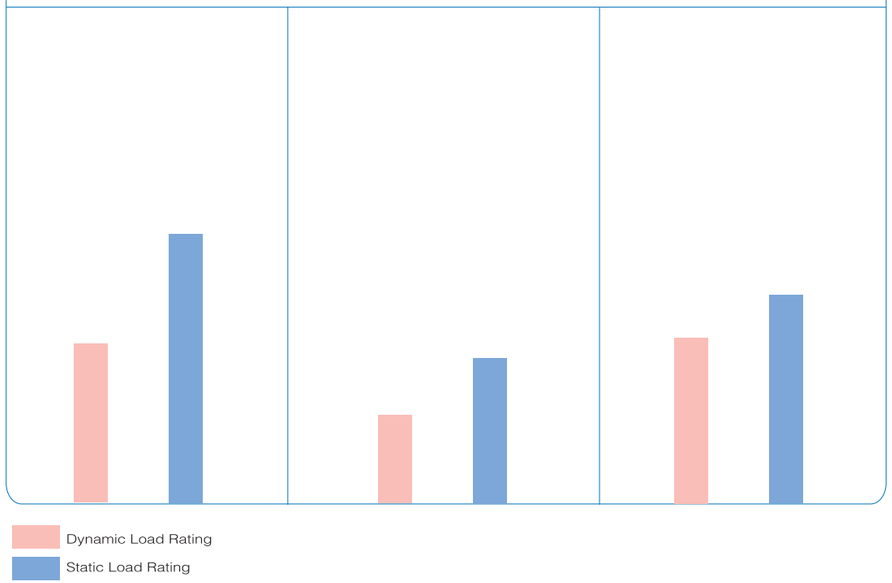


Maintenance–Free Large Radial Spherical Plain Bearings



Capability For Radial Spherical Plain Bearings





Capability And Choice Of Radial Spherical Plain Bearings

Radial spherical plain Bearings have an inner ring with a sphered convex outside surface and an outer ring with a correspondingly sphered but concave inside surface. Their design makes them particularly suitable for bearing arrangements where alignment movements between shaft and housing have to be accommodated, or where oscillating or recurrent tilting or slewing movements must be permitted at relatively slow sliding speeds.FS·FSB radial spherical plain bearings are available with different sliding contact surface combinations' i.e. the sliding surfaces of inner and outer rings are made from different materials. There are two main groups: spherical plain bearings requiring maintenance(steel–on–steel) and maintenance–free spherical plain bearings.

FS.FSB radial spherical plain bearings requiring maintenance(steel–on–steel) have hardened sliding contact surface on both rings. The surfaces are treated with molybdenum disulphide and phosphated. It has characteristics of wear–resistance and wear–corrosion. Bearings with this sliding contact surface combination require regular relubrication. The high strength of the sliding contact surfaces makes these bearings especially suitable for bearing arrangements where heavy loads of alternating direction, shock loads or heavy static loads have to be accommodated.

FS.FSB maintenance–free spherical plain bearing sliding contact surfaces have three groups: steel–on–PTFE composite material, steel–on–PTFE fabric and steel–on–copper alloy. Dynamic load support capability of steel–on–PTFE fabric spherical plain bearings is higher than that of steel–on–PTFE composite material. They have very low friction and can be operated without maintenance. They are used for applications where long bearing lives are required without maintenance, or where operating conditions, such as inadequate lubrication or the absence of lubrication make the use of steel–on–steel bearing inadvisable.

Capability And Choice Of Radial Spherical Plain Bearings

Design characteristics

FS radial spherical plain bearings requiring maintenance(steel–on–steel) are made of carbon chromium steel and are hardened and phosphated except for series GEBK···S,GEFZ···S,GEBJ···S and GEK···XS–2RS. The inner and outer ring sliding contact surface are treated with molybdenum disulphide. The outer ring is fractured so that it can be sprung open when the inner ring is inserted. Outer and inner ring of GEK···XS–2RS are made of carbon chromium steel and are hardened. Outer rings of GE···XS/K, GEK···XS–2RS and GEC···XS axially split twice, held together by retaining rings. To facilitate efficient lubrication, all bearings have an annular groove and lubrication holes in each ring except those of the E design. Bearings of the 2RS design are fitted with nylon seals or rubbings seals of polyester elastomer at both sides. Outer ring of series GEBK···S is made of carbon steel, with bronze liner; Inner ring of carbon chromium steel, hardened, sliding surface treated with chromium plating. Outer ring of series GEFZ···S and GEBJ···S are made of carbon steel, pressed around the inner ring; Inner ring of carbon chromium steel, hardened, sliding surface treated with chromium plating.

Outer rings of series GE···C,GEG···C,GEFZ···C and GEBJ···C are made of carbon steel, pressed around the inner ring, with sliding surface of PTFE composite material; Inner rings of carbon chromium steel, hardened, sliding surface treated with chromium plating. Outer ring of series GEH···HC is made of carbon steel, radially split twice, held together by screws, with sliding surface of PTFE composite material; Inner ring of carbon chromium steel, hardened, sliding surface treated with chromium plating. Outer rings of series GE···ET–2RS,GEG···ET–2RS and GEZ···ET–2RS are made of carbon chromium steel, fractured, hardened and phosphated, with sliding surface of PTFE fabric; Inner rings of carbon chromium steel, hardened, sliding surface treated with chromium plating, the 2RS design with two seals at both sides. Outer rings of series GE···XT–2RS,GEG···XT–2RS,GEH··· XT–2RS, GEH···XT and GEC···XT(–2RS) are made of carbon chromium steel, axially split twice, held together by retaining rings, hardened and phosphated, with sliding surface of PTFE fabric; Inner rings of carbon chromium steel, hardened, sliding surface treated with chromium plating, the 2RS design with two seals at both sides. Outer rings of series GE···ET/X and GE···ET–2RS/X are made of stainless steel, fractured, with sliding surface of PTFE fabric; Inner rings of stainless steel, hardened, the 2RS design with two seals at both sides. Outer rings of series GE···XT/X and GE···XT–2RS/X are made of stainless steel, axially split twice, held together by retaining rings, with sliding surface of PTFE fabric; Inner rings of stainless steel, hardened, the 2RS design with two seals at both sides. Outer ring of series GEH···HT is made of carbon steel, radially split twice, held together by screws, with sliding surface of PTFE fabric; Inner ring of carbon chromium steel, hardened, sliding surface treated with chromium plating. Outer rings of series GE···XF/Q,GEC···XF/Q and GEH···XF/Q are made of carbon chromium steel, axially split twice, held together by retaining rings, hardened and phosphated, sliding surface treated with chromium plating; Inner rings of copper alloy, with sliding surface of solid lubricant. Outer ring of series GEH···HF/Q is made of carbon steel, radially split twice, held together by screws, phosphated, sliding surface treated with chromium plating; Inner ring of copper alloy, with sliding surface of solid lubricant.

Capability And Choice Of Radial Spherical Plain Bearings

Permissible operating temperature range: FS steel–on–steel、 steel–on–PTFE composite material and steel–on–PTFE fabric radial spherical plain bearings can be used at temperature –50℃ ~ +150℃, FS spherical plain bearings with seals can be used at temperature –30℃ ~ +130℃. At higher temperature, the load carrying capacity will be reducced.

Load rating

Dynamic rating is used for calculations when the spherical plain bearing is subjected to dynamic stress. It represents the load, constant in magnitude and direction, under which a basic rating service life, expressed as a sliding distance, will be attained for continuous oscillating movement at a defined sliding velocity and at room temperature. It presupposes that the load acting on radial and angular spherical plain bearings and on rod ends is purely radial and that the load acting on spherical plain thrust bearings is purely axial and acts centrically. Dynamic stresses occur when tilting, oscillatory or rotational movements are made under load as well as microsliding movements under alternating loads, e.g resulting from vibration, or loads which alternate at high frequency. The various types of dynamic stress often occur in combination.

The values of load ratings are always dependent on the definition used. It is therefore not always possible to make direct comparisons with load ratings published by other manufactures.

The static load rating is used when spherical plain bearin s stand still under load(or make occasional alignment movements) and it should also be considered when dynamically loaded bearings are subjected to heavy shock loads. The static load rating represents the load which can be taken up by a spherical plain bearing when static contact stress of bearing contact surface reaches the material stress limit. It is valid at room temperature and it is presupposed that the surrounding components prevent deformation of the bearing. At higher temperature, the static load rating must be multiplied by a temperature factor, depend on the sliding contact surface combination. The temperature factor are the same as for dynamically stressed bearing. It is also necessary to take into consideration the permissible temperature range for the various sliding contact surface combinations. For rod ends, it is the strength of the rod end housing under stationary load which is considered. The rod end static load ratings give a safety factor of 1.2 times the tensile strength of the rod end housing material

Capability And Choice Of Radial Spherical Plain Bearings

Service life

The service life of a spherical plain bearing operated under mixed or dry friction conditions is determined by the increase in bearing clearance or bearing friction caused by progressive wear of the sliding surfaces, plastic deformation of the sliding material or fatigue of the sliding surface. Depending on the application, the permissible wear or permissible increase in friction will be different. This means that under the same operating conditions the service life which can be obtained in practice will be different.

The service life of a spherical plain bearing is the number of oscillating movements, or the number of operating hours, which the bearing will service before a defined increase in bearing clearance or a defined increase in friction is reached.

The effective service life is that life which will be attained by a given spherical plain bearing under actual operating conditions. It is determined by the magnitude and type of load, but also by several other factors, such as contamination, corrosion, high–frequency load and movement cycles, shock etc. Some of these factors are impossible to determine or can only be determined with difficulty

Bearing contact pressure

If an adequate operating life is to be achieved, a basic requirement is that the bearing contact pressure is compatible with the operating conditions. The bearing contact pressure identifies the surface pressure occurring in the bearing and is a decisive criterion for the assessment of a spherical plain bearing in each individual application.

$$p = k \cdot \frac{P}{C_d}$$

Contact Surface Combination	Value Of Load Ratio C_d/P
steel/steel	2
steel/bronze	2
steel/PTFE fabric	1.75
steel/PTFE composite material	2
steel/copper alloy	2

Contact Surface Combination	Load Factor K
steel/steel	100
steel/bronze	50
steel/PTFE fabric	150
steel/PTFE composite material	100
steel/copper alloy	100

p=contact pressure N/mm^2

k=contact pressure parameter

C_d=Dynamic load rating kN

P=Equivalent dynamic bearing load kN

Capability And Choice Of Radial Spherical Plain Bearings

Bearing internal clearance

Bearing internal clearance is defined as the total distance through which one ring can be moved radially(radial internal clearance) or axially(axial internal clearance) in relation to the other ring under a defined measuring load.

It is necessary to distinguish between the internal clearance of a bearing before it is mounted and the internal clearance of a mounted bearing when in operation(operational clearance). The initial clearance will always be greater than the operational

clearance because the rings are expanded or compressed by interferences fits and as a result of the differences in thermal expansion of the bearing rings and mating components.

The bearing internal clearance referred to as normal has been selected so that when bearings are mounted generally recommended and operate under normal conditions a suitable operational clearance will be obtained. For other conditions, e.g. where both rings are mounted with an interference fit orwhere unusual temperatures prevail, bearings with greater or smaller internal clearance than normal may be required.

Mounting

To facilitate mounting, the ends of pins or shafts and the edges of housing bores should have a lead chamfer of 10 to 20° . The bearings can be more easily pushed into position and there is little risk of damage to the mating surfaces being caused by skewing of the bearing.

When mounting spherical plain bearings with a fractured or two–part outer ring, it is essential that the joint should be positioned at 90 to the main load direction, otherwise the service life will be shortened, particularly under heavy loads.

Lubrication

For spherical plain bearings requiring maintenance which are of the steel–on–steel type, the purpose of the lubrication is primarily to reduce wear, reduce friction and prevent scuffing. Also the grease serves to protect the bearings against corrosion. The frequency of relubrication of the bearing during its operation will appreciably extend the service life.

For steel–on–PTFE fabric spherical plain bearings, there is a transfer of PTFE from fabric to the opposing steel surface of the inner ring. Any lubrication of the sliding contact surfaces would disturb this transfer and shorten bearing life. Therefore’ lubrication of these bearings is not advisable.

For steel–on–PTFE composite material spherical plain bearings, as a rule, it must not be lubricated. When operating conditions are such that enhanced sealing and protection against corrosion are required, it is recommended that the bearing or the space surrounding the bearing is filled with lithium base grease.

Capability And Choice Of Radial Spherical Plain Bearings

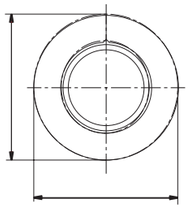
Acuracy

The tolerances apply to outer ring without surface treatment and splitting.

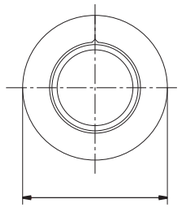
The outer rings become slightly out of round due to splitting. The roundness of the outer ring is restored once it is fitted in a housing bore produced in accordance with the specifications(Figurel).

Measurements taken of the outside diameter of the unfitted bearing cannot be used as the original actual values for the outside diameter.

Figurel



Out of roundness before fitting



Correct Roundness Affer Fitting

Capability And Choice Of Radial Spherical Plain Bearings

Tolerances For Radial Spherical Plain Bearings

Tolerances For Radial Spherical Plain Bearings(Except For Series GEBK···S，GEBJ···S,GEBJ···C,GEFZ···S,GEFZ···C,GEK···XS–2RS)

Inner ring

μm

d mm		△dmp		△dmp*		Vdp	Vdmp	Vdp*	Vdmp*	△Bs		△Bs*	
over	incl.	max	min	max	min	max	min	max	max	max	min	max	min
—	18	0	–8	+18	0	8	6	18	14	0	–120	0	–180
18	30	0	–10	+21	0	10	8	21	16	0	–120	0	–210
30	50	0	–12	+25	0	12	9	25	19	0	–120	0	–250
50	80	0	–15	+30	0	15	11	30	22	0	–150	0	–300
80	120	0	–20	+35	0	20	15	35	26	0	–200	0	–350
120	180	0	–25	+40	0	25	19	40	30	0	–250	0	–400
180	250	0	–30	+46	0	30	23	46	35	0	–300	0	–460
250	315	0	–35	+52	0	35	26	52	39	0	–350	0	–520
315	400	0	–40	+57	0	40	30	57	43	0	–400	0	–570
400	500	0	–45	—	—	45	34	—	—	0	–450	—	—
500	630	0	–50	—	—	50	38	—	—	0	–500	—	—

The deviations in the columns with symbol * apply to spherical plain bearings of series GEEW···ES

Outer ring

D mm		△Dmp μm		VDp μm	VDmp μm	△Cs μm	
over	incl.	max	min	max	max	max	min
—	18	0	–8	10	6	0	–240
18	30	0	–9	12	7	0	–240
30	50	0	–11	15	8	0	–240
50	80	0	–13	17	10	0	–300
80	120	0	–15	20	11	0	–400
120	150	0	–18	24	14	0	–500
150	180	0	–25	33	19	0	–500
180	250	0	–30	40	23	0	–600
250	315	0	–35	47	26	0	–700
315	400	0	–40	53	30	0	–800
400	500	0	–45	60	34	0	–900
500	630	0	–50	67	38	0	–1000
630	800	0	–75	100	56	0	–1100
800	1000	0	–100	135	75	0	–1200

Tolerances for series GEBK···S

Inner ring

d mm		△dmp μm		△Bs μm	
over	incl.	max	min	max	min
—	6	+12	0	0	–100
6	10	+15	0	0	–100
10	18	+18	0	0	–100
18	30	+21	0	0	–100

Outer ring

D mm		△Dmp μm		△Cs μm	
over	incl.	max	min	max	min
10	18	0	–11	+100	–100
18	30	0	–13	+100	–100
30	50	0	–16	+100	–100
50	80	0	–19	+100	–100

Capability And Choice Of Radial Spherical Plain Bearings

Tolerances for series GEBJ···S, GEBJ···C

Inner ring

Outer ring

d mm		△dmp μm		△Bs μm		D mm		△Dmp μm		△Cs μm	
超过	到	max	min	max	min	超过	到	max	min	max	min
—	6	+12	0	0	−100	10	18	0	−11	0	−240
6	10	+15	0	0	−100	18	30	0	−13	0	−240
10	18	+18	0	0	−100	30	50	0	−16	0	−240
18	30	+21	0	0	−100	50	80	0	−19	0	−300

Tolerances for series GEFZ···S, GEFZ···C

Inner ring

Outer ring

d mm		△dmp μm		△Bs μm		D mm		△Dmp μm		△Cs μm	
超过	到	max	min	max	min	超过	到	max	min	max	min
—	6	+38	−13	+130	−130	10	18	0	−18	+130	−130
6	10	+38	−13	+130	−130	18	30	0	−18	+130	−130
10	18	+38	−13	+130	−130	30	50	0	−18	+130	−130
18	30	+38	−13	+130	−130						

Tolerances for series GEK···XS−2RS

Inner ring

Outer ring

d mm		△dmp μm		△Bs μm		D mm		△Dmp μm		△Cs μm	
超过	到	max	min	max	min	超过	到	max	min	max	min
18	30	+33	0	+50	−110	50	80	+30	+11	0	−130
30	50	+39	0	+50	−110	80	120	+35	+13	0	−130
50	60	+46	0	+50	−140	120	150	+40	+15	0	−130

The symbols of dimension and tolerance

d:	Bearing bore diameter, nominal.
△dmp:	Single plane mean bore diameter deviation.
Vdp:	Bore diameter variation in a single radial plane.
Vdmp:	Mean bore diameter variation.
△Bs:	Deviation of a single width of the inner ring.
B:	Width of inner ring, nominal
D:	Bearing outside diameter, nominal.
△Dmp:	Single plane mean outside diameter deviation.
VDp:	Outside diameter variation in a single radial plane.
VDmp:	Mean outside diameter variation.
△Cs:	Deviation of a single width of the outer ring.
C:	Width of outer ring, nominal.
△Ts:	Actual deviation fo width of the angular contact spherical plain bearing.
△Hs:	Actual deviation of height of the spherical plain thrust bearing.
△hs, △his	Center height deviation of rod ends or ball joint rod ends.

Capability And Choice Of Radial Spherical Plain Bearings

Radial Internal Clearance Of Radial Spherical Plain Bearings

Radial Internal Clearance Of Steel−on−steel Radial Spherical Plain Bearings

searies GE···E，GE···ES,GE···ES−2RS,GEEW···ES,GEEM···ES−2RS

d mm		GroupC2 μm		Group normal μm		Group C3 μm	
over	incl.	min	max	min	max	min	max
—	12	8	32	32	68	68	104
12	20	10	40	40	82	82	124
20	35	12	50	50	100	100	150
35	60	15	60	60	120	120	180
60	90	18	72	72	142	142	212
90	140	18	85	85	165	165	245
140	200	18	100	100	192	192	284
200	240	18	110	110	214	214	318
240	300	18	125	125	239	239	353

Series GEG···E,GEG···ES,GEG···ES−2RS

d mm		GroupC2 μm		Group normal μm		Group C3 μm	
over	incl.	min	max	min	max	min	max
—	10	8	32	32	68	68	104
10	17	10	40	40	82	82	124
17	30	12	50	50	100	100	150
30	50	15	60	60	120	120	180
50	80	18	72	72	142	142	212
80	120	18	85	85	165	165	245
120	180	18	100	100	192	192	284
180	220	18	110	110	214	214	318
220	280	18	125	125	239	239	353

Series GEF···ES

d mm		Group normal μm	
over	incl.	min	max
—	12	32	68
12	20	40	82
20	35	50	100
35	55	60	120
55	80	72	142
80	120	85	165
120	150	100	192

Series GEBJ···S,GEFZ···S

d mm		Group normal μm	
over	incl.	min	max
—	8	20	60
8	14	40	90
14	20	50	110
20	35	60	120

Capability And Choice Of Radial Spherical Plain Bearings

Series GE···XS/K

d mm		Group normal μm	
超过over	到 incl.	min	max
—	15	70	125
15	30	75	140
30	50	85	150
50	65	90	160
65	80	95	170
80	100	100	185
100	120	110	200
120	150	120	215

Series GEZ···ES,GEZ···ES–2RS,GEWZ···ES,GEWZ···ES–2RS

d mm		Group normal μm	
over	incl.	min	max
—	15.875 0.625	50	150
15.875 0.625	50.8 2	80	180
50.8 2	76.2 3	100	200
76.2 3	152.4 6	130	230

Series GEGZ···ES,GEGZ···ES–2RS

d mm		Group normal μm	
over	incl.	min	max
12.7 0.5	44.45 1.75	80	180
44.45 1.75	69.85 2.75	100	200
69.85 2.75	139.7 5.5	130	230

Series GEBK···S

d mm		Group normal μm	
over	incl.	min	max
—	30	0	35

Series GEC···XS,GEC···XS–2RS

d mm		Group normal μm	
over	incl.	min	max
300	340	125	239
340	420	135	261
420	530	145	285

Series GEK···XS–2RS

d mm		Group normal μm	
over	incl.	min	max
20	35	100	200
35	60	120	250

Capability And Choice Of Radial Spherical Plain Bearings

Radial Internal Clearance Of Steel–on–PTFE Composite Material Radial Spherical Plain Bearings

Series GEH···HC

d mm		Group normal μm	
over	incl.	min	max
100	120	85	285
120	180	100	335
180	220	100	355
220	240	110	356
240	280	110	380
280	300	135	415
300	320	135	490
320	360	135	490
360	380	135	490
380	400	135	510
400	480	145	550
480	500	145	570
500	600	145	610
600	630	160	640

Series GE···C, GEG···C, GEBJ···C,GEFZ···C

d mm		Group normal μm	
over	incl.	min	max
—	12	4	28
12	20	5	35
20	30	6	44

Radial Internal Clearance Of Steel–on–PTFE Fabric And Steel–on–Copper Alloy Radial Spherical Plain Bearings

Series GE···ET–2RS,GE···XT–2RS,GE···ET/X,GE···ET–2RS/X,GE···XT/X,GE···XT–2RS/X,GEZ···ET–2RS,GEC···XT,GEC···XT–2RS,GEC···HT

d mm		Group normal μm	
over	incl.	min	max
—	20	0	40
20	35	0	50
35	60	0	60
60	90	0	72
90	140	0	85
140	240	0	100
240	300	0	110
300	340	125	239
340	420	135	261
420	600	145	285

Capability And Choice Of Radial Spherical Plain Bearings

Series GEG···ET–2RS,GEG···XT–2RS

d	mm	Group normal	μm
over	incl.	min	max
—	30	0	50
30	50	0	60
50	80	0	72
80	120	0	85
120	220	0	100
220	280	0	110

Series GEH···XT,GEH···XT–2RS,GEH···HT,GE···XF/Q,GEC···XF/Q,GEH···XF/Q,GEH···HF/Q

d	mm	Group normal	μm
over	incl.	min	max
90	120	85	165
120	180	100	192
180	240	110	214
240	300	125	239
300	380	135	261
380	480	145	285
480	600	160	320
600	630	170	350

Capability And Choice Of Radial Spherical Plain Bearings

Fits Or Radial Spherical Plain Bearings

	Operating Conditions	Sliding Contact Surface Combination	
		Requiring Maintenance	Maintenance–Free
Shaft Fits	Loads Of All Kinds,Clearance Or Transition Fit	h6、h7 Hardened Shaft	h6,g6
Shaft Fits	Loads Of All Kinds,Interference Fit	m6	k6
Housing Fits	Light Loads Axial Displacement Required	H6、H7	H7
Housing Fits	Heavy Loads	M7	K7
Housing Fits	Light Alloy Housings	N7	M7

Shaft Diameter Tolerances

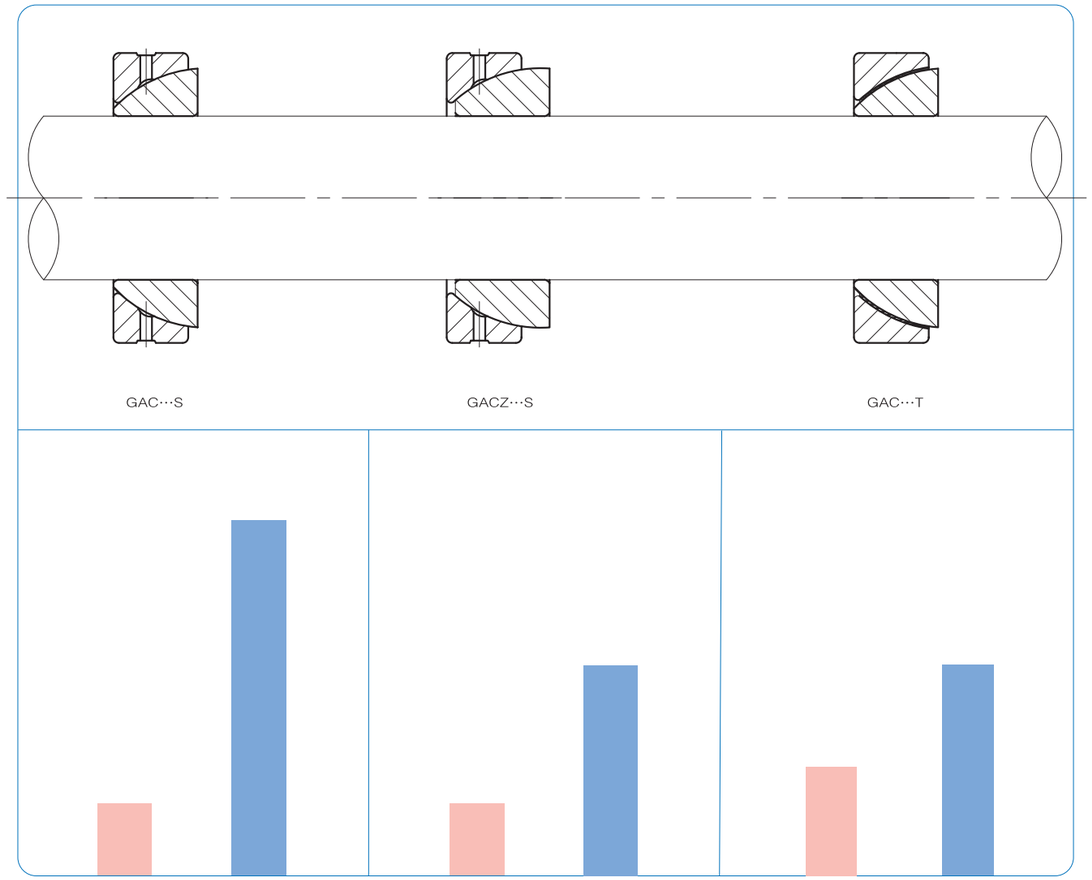
Shaft Diameter mm		Shaft Diameter Tolerances μm									
		g6		h6		h7		k6		m6	
超过	到	high	low	high	low	high	low	high	low	high	low
3	6	–4	–12	0	–8	0	–12	+9	+1	+12	+4
6	10	–5	–14	0	–9	0	–15	+10	+1	+15	+6
10	18	–6	–17	0	–11	0	–18	+12	+1	+18	+7
18	30	–7	–20	0	–13	0	–21	+15	+2	+21	+8
30	50	–9	–25	0	–16	0	–25	+18	+2	+25	+9
50	80	–10	–29	0	–19	0	–30	+21	+2	+30	+11
80	120	–12	–34	0	–22	0	–35	+25	+3	+35	+13
120	180	–14	–39	0	–25	0	–40	+28	+3	+40	+15
180	250	–15	–44	0	–29	0	–46	+33	+4	+46	+17
250	315	–17	–49	0	–32	0	–52	+36	+4	+52	+20
315	400	–18	–54	0	–36	0	–57	+40	+4	+57	+21
400	500	–20	–60	0	–40	0	–63	+45	+5	+63	+23
500	630	–22	–66	0	–44	0	–70	+44	0	+70	+26

Housing Bore Tolerances

Housing Bore Diameter mm		Housing bore tolerances μm									
		H6		H7		K7		M7		N7	
超过	到	high	low	high	low	high	low	high	low	high	low
10	18	+11	0	+18	0	+6	–12	0	–18	–5	–23
18	30	+13	0	+21	0	+6	–15	0	–21	–7	–28
30	50	+16	0	+25	0	+7	–18	0	–25	–8	–33
50	80	+19	0	+30	0	+9	–21	0	–30	–9	–39
80	120	+22	0	+35	0	+10	–25	0	–35	–10	–45
120	150	+25	0	+40	0	+12	–28	0	–40	–12	–52
150	180	+25	0	+40	0	+12	–28	0	–40	–12	–52
180	250	+29	0	+46	0	+13	–33	0	–46	–14	–60
250	315	+32	0	+52	0	+16	–36	0	–52	–14	–66
315	400	+36	0	+57	0	+17	–40	0	–57	–16	–73
400	500	+40	0	+63	0	+18	–45	0	–63	–17	–80
500	630	+44	0	+70	0	0	–70	–26	–96	–44	–114
630	800	+50	0	+80	0	0	–80	–30	–110	–50	–130
800	1000	+56	0	+90	0	0	–90	–34	–124	–56	–146

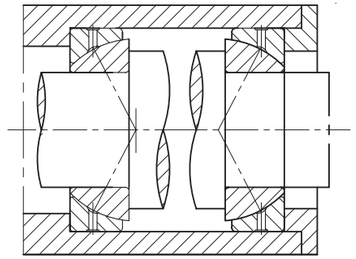
Criteria For Angular Contact Spherical Plain Bearings

Angular Contact Spherical Plain Bearings

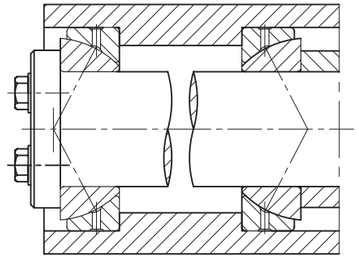


Crieria For Angular Contact Spherical Plain Bearings

The sphered sliding contact surfaces of angular contact spherical plain bearings are inclined at an angle to the bearing axis.They are therefore particularly suitable for carrying combined (radinal and axial) loads.A single angular contact spherical plain bearing can only accept axial loads acting in one direction.Under radial loads, a force acting in the axial direction is produced in the bearing which must always be opposed by an equal force acting in the opposite direction.Therefore,the bearings are usually adjusted against a second bearing.When two angular contact spherical plain bearings are arranged so that their sphere centres coincide,a clearance–free radial spherical plain bearing is obtained which can accommodate heavy radial loads as well as heavy axial loads in both directions. angular contact surface plain bearings are available with different sliding contact surfa cecombinations,i.e. the sliding surfaces of inner and outer rings are made from different materials.There are two main groups:steel–on–steel angular contact spherical plain bearings and maintenance–free angular contact spherical plain bearings.



steel–on–steel angular contact spherical plain bearings are made of carbon chromium steel and are hardened and phosphated, it has characteristics of wear–resistance and wear–corrosion.The inner and outer rings sliding contact surface are treated with molybdenum disulphide.Bearings with this sliding contact surface combination require regular relubrication. To facilitate efficient lubrication,outer ring has an annular groove and two lubrication holes. The high strength of the sliding surfaces makes these bearings especially suitable for bearing arrangements where heavy loads of alternating direction,shock loads or heavy static loads have to be accommodated.



maintenance–free angular contact spherical plain bearings have sliding contact surface combinations steel–on–PTFE fabric,they have very low friction and can be operated without maintenance,any lubrication of the sliding contact surfaces will shorten bearing life. They are used for applications where long bearing lives are required without maintenance,or where operating conditions, such as inadequate lubrication or the absence of lubrication make the use of steel–on –steel bearing inadvisable.The maintenance–free bearings are primarily intended for applications where loads are heavy and have a constant direction.

Design characteristics

steel–on–steel angular contact spherical plain bearings are made of carbon chromium steel and are hardened and phosphated.The inner and outer ring sliding contact surface are treated with molybdenum disulphide.Outer ring has an annular groove and two lubrication holes and sliding contact surface of outer ring has two cross grooves.

maintenance–free angular contact spherical plain bearings are made of carbon chromium steel and are hardened,sliding surface of inner ring treated with chromium plating.

Permissible operating temperature range: steel–on–steel and steel–on–PTFE fabric angular contact spherical plain bearings can be used at temperature –50℃ ~ +150℃, At higher temperature, the load carrying capacity will be reduced.

Other explanation see page 12–15

Capability And Choice Of Angular Contact Spherical Plain Bearings

Tolerances For Angular Contact Spherical Plain Bearing

Inner Ring And Width Of Bearing

d mm		△dmp μm		Vdp μm	Vdmp μm	△Bs μm		△Ts μm	
over	incl.	high	low	max	max	high	low	high	low
–	50	0	–12	12	9	0	–240	+250	–400
50	80	0	–15	15	11	0	–300	+250	–500
80	120	0	–20	20	15	0	–400	+250	–600
120	180	0	–25	25	19	0	–500	+350	–700
180	200	0	–30	30	23	0	–600	+350	–800

Outer ring

D mm		△Dmp μm		VDp μm	VDmp μm	△Cs μm	
over	incl.	high	low	max	max	high	low
–	50	0	–14	14	11	0	–240
50	80	0	–16	16	12	0	–300
80	120	0	–18	18	14	0	–400
120	150	0	–20	20	15	0	–500
150	180	0	–25	25	19	0	–500
180	250	0	–30	30	23	0	–600
250	315	0	–35	35	26	0	–700

Details of dimension and tolerance symbols see page 178

Fits Of Angular Contact Spherical Plain Bearings

Shaft

Operating Conditions	Sliding Contact Surface Combination	
	Requiring Maintenance	Maintenance–Free
Loads Of All Kinds,Interference Fit	m6、n6	m6

Housing Fits

Operating Conditions	Sliding Contact Surface Combination	
	Requiring Maintenance	Maintenance–Free
Loads Of All Kinds,Interference Fit	M7	M7
Loads Of All Kinds,Can Generally Be Displaced Axially	J7	J7

Capability And Choice Of Angular Contact Spherical Plain Bearings

Shaft Diameter Tolerance

Shaft Diameter mm		Shaft Diameter Tolerance μm			
		m6		n6	
over	incl.	high	low	high	low
–	30	+21	+8	+28	+15
30	50	+25	+9	+33	+17
50	80	+30	+11	+39	+20
80	120	+35	+13	+45	+23
120	180	+40	+15	+52	+27
180	250	+46	+17	+60	+31

Housing Bore Tolerances

Housing Bore Diameter mm		Housing Bore Tolerances			
		J7		M7	
over	incl.	high	low	high	low
–	50	+14	–11	0	–25
50	80	+18	–12	0	–30
80	120	+22	–13	0	–35
120	150	+26	–14	0	–40
150	180	+26	–14	0	–40
180	250	+30	–16	0	–46
250	315	+36	–16	0	–52

High rotation speed Low noise Long service life

Guided by market demand, we strive to develop new products, in order to achieve a leapfrog style development for the company.

After years of manufacturing exploration, Bearings can now not only produce conventional standard products, but has also mastered the precision processing strength to develop non-standard and complex products, and received wide acclaim and reputation through custom-made supporting products for major domestic users such as North Benz, Anhui Ankai Vehicles and Xuzhou heavy-duty machinery.

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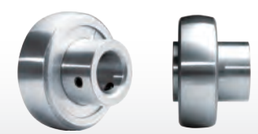

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