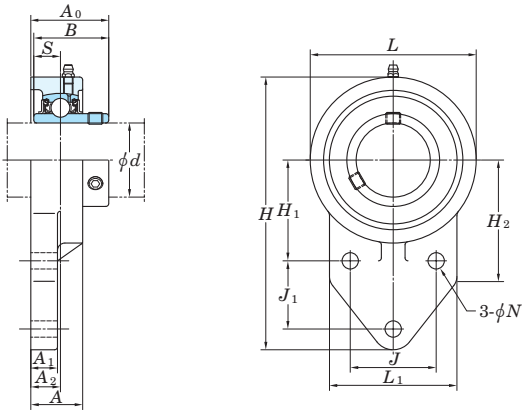


UCFB
Cylindrical bore (with set screws)
d 12 ~ 50 mm



Variations of tolerance of distance from mounting surface to center of spherical bore (Δ_{A2s}), variations of tolerance of distance between centers of bolt holes (Δ_{Jfs} , Δ_{H1s}), variations of tolerance of distance between both grooves (Δ_{H1s})

Unit: mm				
Housing No.	Δ_{A2s}	Δ_{Jfs}	Δ_{H1s}	Δ_{H1s}
FB204~FB210	±0.5			

Variations of tolerance of bolt hole diameter (Δ_{Ns})

Unit: mm	
Housing No.	Δ_{Ns}
FB204~FB210	±0.2

Shaft Dia. mm inch		Dimensions inch mm														Bolt Size	Unit No.	Housing No.		Bearing No.	Basic Load Ratings kN		Fatigue Load Limit kN	Factor	Mass
<i>d</i>		<i>H</i>	<i>L</i>	<i>A</i>	<i>J</i>	<i>J</i> ₁	<i>N</i>	<i>H</i> ₁	<i>H</i> ₂	<i>L</i> ₁	<i>A</i> ₁	<i>A</i> ₂	<i>A</i> ₀	<i>B</i>	<i>S</i>	inch mm				<i>C</i> _r	<i>C</i> _{0r}	<i>C</i> _u	<i>f</i> ₀	kg	
12	1/2 5/8 3/4															5/16 M8	UCFB201 UCFB201-8 UCFB202 UCFB202-10 UCFB203 UCFB204-12 UCFB204	FB204		UC201 UC201-8 UC202 UC202-10 UC203 UC204-12 UC204	12.8	6.65	0.302	13.2	0.64 0.62 0.61 0.59
15		4 11/32	2 7/16	15/16	1 17/64	1 1/16	3/8	1 21/32	2 1/16	2 1/16	1/2	17/32	1 1/4	1.220	0.500										
17		110	62	24.5	32	27	9.5	42	52	52	13	13.5	31.8	31	12.7										
20																									
25	7/8 15/16 1	4 9/16	2 11/16	1 1/16	1 11/32	1 1/16	3/8	1 49/64	2 1/16	2 7/32	1/2	19/32	1 3/8	1.343	0.563	5/16 M8	UCFB205-14 UCFB205-15 UCFB205 UCFB205-16	FB205		UC205-14 UC205-15 UC205 UC205-16	14.0	7.85	0.357	13.9	0.68
30	1 1/8 1 3/16 1 1/4	5 1/8	3 1/16	1 3/16	1 37/64	1 9/64	3/8	1 31/32	2 5/32	2 9/16	1/2	43/64	1 17/32	1.500	0.626	5/16 M8	UCFB206-18 UCFB206 UCFB206-19 UCFB206-20	FB206		UC206-18 UC206 UC206-19 UC206-20	19.5	11.3	0.514	13.9	0.92
35	1 1/4 1 5/16 1 3/8 1 7/16	5 21/32	3 17/32	1 5/16	1 13/16	1 17/64	3/8	2 11/64	2 7/16	2 3/4	19/32	3/4	1 3/4	1.689	0.689	5/16 M8	UCFB207-20 UCFB207-21 UCFB207-22 UCFB207 UCFB207-23	FB207		UC207-20 UC207-21 UC207-22 UC207 UC207-23	25.7	15.4	0.700	13.9	1.3
40	1 1/2 1 9/16	6 15/32	3 15/16	1 3/8	1 31/32	1 39/64	7/16	2 23/64	2 27/32	3 1/16	5/8	25/32	1 31/32	1.937	0.748	3/8 M10	UCFB208-24 UCFB208-25 UCFB208	FB208		UC208-24 UC208-25 UC208	29.1	17.8	0.809	14.0	1.8
45	1 5/8 1 11/16 1 3/4	6 27/32	4 3/16	1 3/8	2 1/8	1 11/16	7/16	2 9/16	3	3 5/32	23/32	25/32	1 31/32	1.937	0.748	3/8 M10	UCFB209-26 UCFB209-27 UCFB209-28 UCFB209	FB209		UC209-26 UC209-27 UC209-28 UC209	34.1	21.3	0.968	14.0	2.0
50	1 7/8 1 15/16 2	7 1/4	4 13/32	1 7/16	2 9/32	1 13/16	7/16	2 43/64	3 7/32	3 3/8	23/32	25/32	2 1/16	2.031	0.748	3/8 M10	UCFB210-30 UCFB210-31 UCFB210 UCFB210-32	FB210		UC210-30 UC210-31 UC210 UC210-32	35.1	23.3	1.06	14.4	2.3

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter codes. (See Table 2.5 in P.11.)
2. Part No. of applicable grease nipple is A-1/4-28UNF.
3. As for the triple-lip seal type product (from 201 to 205 are the double-lip seal type products), supplementary code L3 (or L2) follows Part No. of unit or bearing. (Example of Part No. : UCFB206JL3, UC206L3)

4. For the dimensions and forms of applicable bearings, see the dimensional tables of insert bearing for unit.
5. Tapered bore (with adapter) type products are also available. (Example of Part No. : UKFB205J + H2305X, UK205 + H2305X)