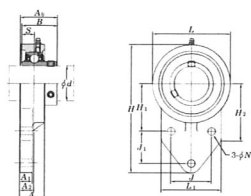


Three-bolt flange type

Koyo

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



Variations of tolerance of distance from mounting surface to center of spherical bore (L_{10}), variations of tolerance of distance between centers of bolt holes (L_{11} , L_{12}), variations of tolerance of distance between both grooves (L_{13})

Housing No.	L_{10}	L_{11}	L_{12}	L_{13}
FB204-FB210	± 0.3			

Variations of tolerance of bolt hole diameter (L_{14})

Housing No.	L_{14}
FB204-FB210	± 0.2

Shaft Dia. mm	inch	Dimensions inch mm															Bolt Size inch mm	Unit No.	Housing No.	Bearing No.	Basic Load Ratings kN	Fatigue Load Limit kN	Factor	Mass kg	
<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> ₃	<i>B</i>	<i>S</i>				<i>C</i> _r	<i>C</i> _{0r}	<i>C</i> _u	<i>f</i> ₀			
12	¹ / ₂																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
15	⁵ / ₈	4 ¹ / ₄	2 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₄	1 ¹ / ₄	36	1 ¹ / ₂	2 ¹ / ₂	2 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	1.220	0.500		M8	UCFB205-14 UCFB205-15 UCFB205 UCFB205-16 UCFB206-18 UCFB206	FB205	UC205-14 UC205-15 UC205 UC205-16 UC206-18 UC206	14.0	7.85	0.357	13.9	0.68
17	⁷ / ₈	110	62	24.5	32	27	9.5	42	52	52	13	13.5	31.8	31	12.7		M8	UCFB206-19 UCFB206-20 UCFB206-21 UCFB207-20 UCFB207-21 UCFB207-22 UCFB207-23	FB206	UC206-19 UC206-20 UC206-21 UC207-20 UC207-21 UC207-22 UC207-23	19.5	11.3	0.514	13.9	0.92
20	⁷ / ₈	130	78	30	40	29	9.5	50	55	65	13	17	39.2	38.1	15.9		M8	UCFB207-24 UCFB208-24 UCFB208-25 UCFB208	FB207	UC207-24 UC208-24 UC208-25 UC208	25.7	15.4	0.700	13.9	1.3
25	1	144	90	33.5	46	32	9.5	55	62	70	15	19	44.4	42.9	17.5		M8	UCFB209-26 UCFB209-27 UCFB209-28 UCFB209	FB208	UC209-26 UC209-27 UC209-28 UC209	29.1	17.8	0.609	14.0	1.6
30	1 ¹ / ₈	164	100	35	50	41	11	60	72	78	16	20	50.2	49.2	19		M10	UCFB210-30 UCFB210-31 UCFB210-32	FB209	UC210-30 UC210-31 UC210-32	34.1	21.3	0.968	14.0	2.0
35	1 ¹ / ₄	174	106	35.5	54	43	11	65	76	80	18	20	50.2	49.2	19		M10	UCFB210-30 UCFB210-31 UCFB210-32	FB210	UC210-30 UC210-31 UC210-32	35.1	23.3	1.06	14.4	2.3
40	1 ¹ / ₂	184	112	36	58	46	11	68	82	86	18	20	52.6	51.6	19		M10		FB210		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 P11.)

2. Part No. of applicable grease nipple is A-14-28JNF.

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 ball bearing for unit.

5. Tapered bore (with adaptor) type products are also available. (Example of Part No.: UKFB205J - H2305X, UK205 - H2305X)