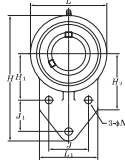
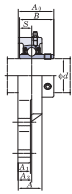


3-Bolt Flange Units

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



Variances of tolerance of distance from mounting surface to center of spherical bore (L₁), variances of tolerance of distance between centers of bolt holes (L₂, ΔL₃), variances of tolerance of distance between both grooves (ΔL₄)

Housing No.	ΔL ₁	ΔL ₂	ΔL ₃	ΔL ₄	Unit: mm
FB204-FB210	±0.1	±0.1	±0.1	±0.1	±0.5

Housing No.	ΔL ₅	Unit: mm
FB204-FB210	±0.2	±0.2

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

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter codes. (See Table 10.5 in P.62)
2. Part No. of applicable grease fitting is A-1/4-28UNF.
3. As for the triple seal type product (from 201 to 205 are the double seal type products), suffix code L3 (or L2) follows Part No. of unit or bearing. (Example of Part No.: UCFB206L3, UC206L3)

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