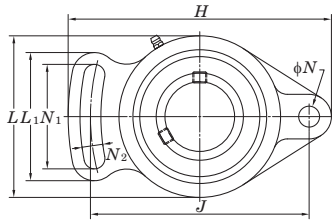
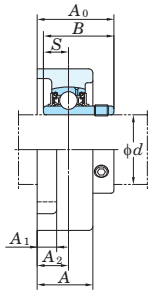


UCFA
Cylindrical bore (with set screws)
d 12 ~ 55 mm



Variations of tolerance of distance from mounting surface to center of spherical bore (ΔA_{2s})

Housing No.	Unit: mm
FA204~FA210	±0.5
FA211	±0.8

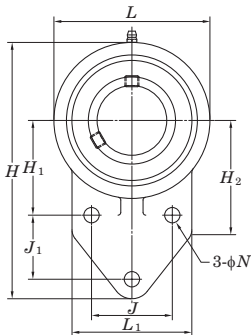
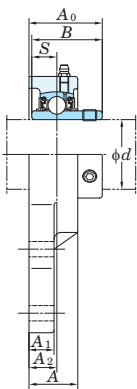
Variations of tolerance of bolt hole diameter (ΔN_s)

Housing No.	Unit: mm
FA204~FA211	±0.2

Shaft Dia. mm inch		Dimensions inch mm														Bolt Size inch mm	Unit No.	Housing No.	Bearing No.	Mass kg
<i>d</i>		<i>H</i>	<i>L</i>	<i>A</i>	<i>J</i>	<i>N</i>	<i>N</i> ₁	<i>N</i> ₂	<i>L</i> ₁	<i>A</i> ₁	<i>A</i> ₂	<i>A</i> ₀	<i>B</i>	<i>S</i>						
12	1/2 5/8 3/4															5/16 M8	UCFA201 UCFA201-8 UCFA202 UCFA202-10 UCFA203 UCFA204-12 UCFA204	FA204	UC201	0.47
15		3 27/32	2 5/16	15/16	3 1/16	25/64	1 9/16	13/32	1 31/32	7/16	35/64	1 1/4	1.220	0.500	UC201-8				0.45	
17		98	59	24	78	10	40	10	50	11	13.8	32.1	31	12.7	UC202				0.44	
20																			UC202-10	
25	7/8 15/16	4 7/8	2 3/4	1 1/16	3 27/32	7/16	1 15/16	7/16	2 17/32	1/2	5/8	1 13/32	1.343	0.563	3/8 M10	UCFA205-14 UCFA205-15 UCFA205 UCFA205-16	FA205	UC203	0.68	
	1	124	70	27	98	11	49	11	64	13	16	35.8	34.1	14.3				UC203		
30	1 1/8	5 9/16	3 9/32	1 3/16	4 19/32	7/16	2 7/32	15/32	2 11/16	1/2	45/64	1 9/16	1.500	0.626	3/8 M10	UCFA206-18 UCFA206 UCFA206-19 UCFA206-20	FA206	UC204	1.0	
	1 3/16	141	83	30	117	11	56	12	68	13	17.8	40	38.1	15.9				UC204		
	1 1/4																	UC206-19		
35	1 1/4 1 5/16 1 3/8	6 3/32	3 25/32	1 11/32	5 1/8	33/64	2 15/32	1/2	2 15/16	9/16	47/64	1 23/32	1.689	0.689	7/16 M12	UCFA207-20 UCFA207-21 UCFA207-22 UCFA207 UCFA207-23	FA207	UC206-20	1.5	
	155	96	34	130	13	63	13	75	14	18.6	44	42.9	17.5	UC207-20						
	1 7/16																	UC207-21		
40	1 1/2 1 9/16	6 23/32	4 1/8	1 1/2	5 21/32	33/64	2 3/4	1/2	3 5/16	9/16	13/16	2	1.937	0.748	7/16 M12	UCFA208-24 UCFA208-25 UCFA208	FA208	UC207-22	1.9	
	171	105	38	144	13	70	13	84	14	20.8	51	49.2	19	UC207						
45	1 5/8 1 11/16 1 3/4	7 1/16	4 3/8	1 9/16	5 13/16	19/32	2 27/32	19/32	3 15/32	9/16	55/64	2 1/16	1.937	0.748	1/2 M14	UCFA209-26 UCFA209-27 UCFA209-28 UCFA209	FA209	UC207-23	1.7	
	179	111	40	148	15	72	15	88	14	21.8	52	49.2	19	UC208-24						
																		UC208-25		
50	1 7/8 1 15/16	7 7/16	4 9/16	1 9/16	6 3/16	19/32	2 15/16	19/32	3 5/8	9/16	57/64	2 5/32	2.031	0.748	1/2 M14	UCFA210-30 UCFA210-31 UCFA210 UCFA210-32	FA210	UC208	2.0	
	189	116	40	157	15	75	15	92	14	22.5	55.1	51.6	19	UC209-26						
																		UC209-27		
55	2 2 1/8 2 3/16	8 1/2	5 1/4	1 23/32	7 1/4	5/8	3 3/8	5/8	4 1/32	25/32	1 1/64	2 5/16	2.189	0.874	1/2 M14	UCFA211-32 UCFA211-34 UCFA211 UCFA211-35	FA211	UC209-28	3.6	
	216	133	44	184	16	86	16	102	20	25.7	59.1	55.6	22.2	UC209						
																		UC211-32		

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter numbers. (See **Table 10.5** in P.62.)
2. Part No. of applicable grease fittings are shown below.
A-1/4-28UNF..... 201~210
A-R1/8..... 211
3. As for 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. : UCFA206JL3, 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. : UKFA205J + H2305X, UK205 + H2305X)

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



Variations of tolerance of distance from mounting surface to center of spherical bore (ΔA_{2s}), variations of tolerance of distance between centers of bolt holes (ΔJ_s , ΔJ_{1s}), variations of tolerance of distance between both grooves (ΔH_{1s})

Unit: mm

Housing No.	ΔA_{2s}	ΔJ_s	ΔJ_{1s}	ΔH_{1s}
FB204~FB210	±0.5			

Variations of tolerance of bolt hole diameter (ΔN_s)

Unit: mm

Housing No.	ΔN_s
FB204~FB210	±0.2

Shaft Dia. mm inch		Dimensions inch mm														Bolt Size inch mm	Unit No.	Housing No.	Bearing No.	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> ₀	<i>B</i>	<i>S</i>					
12	1/2															5/16 M8	UCFB201 UCFB201-8 UCFB202 UCFB202-10 UCFB203 UCFB204-12 UCFB204	FB204	UC201 UC201-8 UC202 UC202-10 UC203 UC204-12 UC204	0.64
15	5/8	4 11/32	2 7/16	31/32	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					0.62
17	3/4	110	62	24.5	32	27	9.5	42	52	52	13	13.5	31.8	31	12.7					0.61
20																				0.59
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	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				
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	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				
45	1 5/8 1 11/16 1 3/4	6 27/32	4 3/16	1 13/32	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	2.0
50	1 7/8 1 15/16 2	7 1/4	4 13/32	1 13/32	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				

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. : UCFB206JL3, 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)