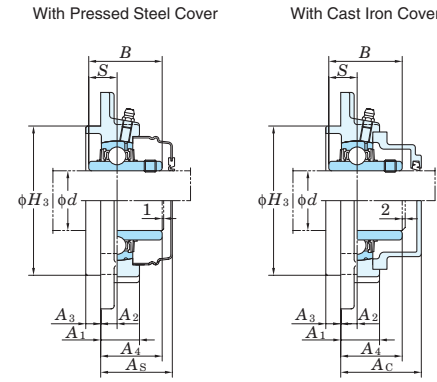
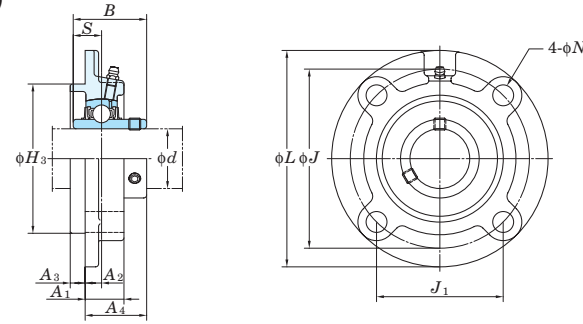


UCFC
Cylindrical bore (with set screws)
d 55 ~ 100 mm



Variations of tolerance of spigot joint outside diameter (Δ_{H3s}), variations of tolerance of distance from mounting surface to center of spherical bore (Δ_{A2s}), tolerance of position of bolt hole (X), and tolerance of circumferential runout of spigot joint (Y)

Housing No.	Δ_{H3s}	Δ_{A2s}	X	Y
FC204-FC206 FCX05	0 -0.046	±0.5	0.7	0.2
FC207-FC210 FCX06-FCX10	0 -0.054			
FC211-FC217 FCX11-FCX15	0 -0.063	±0.8	1	0.3
FC218 FCX16-FCX18 FCX20	0 -0.072			

Variations of tolerance of bolt hole diameter (Δ_{N6})

Housing No.	Δ_{N6}
FC204-FC218 FCX05-FCX20	±0.2

Shaft Dia. mm inch	Dimensions inch mm												Bolt Size inch mm	Standard			Mass kg	Basic Load Ratings kN		Factor f_0	With Pressed Steel Cover			With Cast Iron Cover						
	<i>d</i>	<i>L</i>	<i>H₃</i>	<i>J</i>	<i>J₁</i>	<i>N</i>	<i>A₁</i>	<i>A₂</i>	<i>A₃</i>	<i>A₄</i>	<i>B</i>	<i>S</i>		Unit No.	Housing No.	Bearing No.		C_r	C_{0r}		Unit No. Open Type	Unit No. Closed Type	Dimension mm <i>A_s</i>	Dimension inch	Mass kg	Unit No. Open Type	Unit No. Closed Type	Dimension mm <i>A_e</i>	Dimension inch	Mass kg
55	2																													
	2 1/8	7 9/32	4.9213	5 29/32	4 11/64	3/4	1 7/32	33/64	15/32	1 13/16	2.189	0.874	5/8	FC211	UC211-32 UC211-34 UC211	4.2 4.2 4.2	43.4 29.4	14.4	UCFC211C	UCFC211D	51	2	4.2	UCFC211FC	UCFC211FD	62.5	2 15/32	4.8		
	2 3/16																													
	2 3/8	7 3/32	5	5 63/64	4 15/64	5/8	1 1/32	5/32	55/64	1 23/32	2.563	1.000	1/2	FCX11	UCX11 UCX11-35 UCX11-36	4.3 4.3 4.3	52.4 36.2	14.4	UCFCX11C	UCFCX11D	46	1 13/16	4.3							
	2 1/4																													
60	2 3/8	7 11/16	5.3150	6 19/64	4 29/64	3/4	1 13/32	43/64	15/32	2 7/32	2.563	1.000	5/8	FC212	UC212-36 UC212 UC212-38 UC212-39	5.0 5.0 5.0 5.0	52.4 36.2	14.4	UCFC212C	UCFC212D	61	2 13/32	5.0	UCFC212FC	UCFC212FD	74	2 29/32	5.8		
	2 7/16																													
	2 1/2	8 1/16	5.7087	6 11/16	4 47/64	3/4	1 13/32	5/8	35/64	2 3/16	2.563	1.000	5/8	FC213	UC213-40 UC213	5.6 5.6	57.2 40.1	14.4	UCFC213C	UCFC213D	60	2 3/8	5.6	UCFC213FC	UCFC213FD	73	2 7/8	6.4		
	2 3/4																													
	2 1/2	7 5/8	5.5118	6 1/2	4 19/32	5/8	1 5/16	7/16	25/32	2 3/16	2.937	1.189	1/2	FCX13	UCX13-40 UCX13	5.7 5.7	62.2 44.1	14.5	UCFCX13C	UCFCX13D	60	2 3/8	5.7							
70	2 3/4	8 15/32	5.9055	6 31/32	4 59/64	3/4	1 9/16	43/64	35/64	2 13/32	2.937	1.189	5/8	FC214	UC214-44 UC214	6.8 6.8	62.2 44.1	14.5	UCFC214C	UCFC214D	66	2 19/32	6.8	UCFC214FC	UCFC214FD	79	3 1/8	7.7		
	2 3/4	8 3/4	6.4567	7 31/64	5 9/32	3/4	1 13/32	35/64	25/32	2 9/16	3.063	1.331	5/8	FCX14	UCX14-44 UCX14	7.3 7.3	67.4 48.3	14.5	UCFCX14C	UCFCX14D	63	2 15/32	7.3							
	3																													
	2 15/16	8 21/32	6.2992	7 1/4	5 1/8	3/4	1 9/16	45/64	5/8	2 15/32	3.063	1.331	5/8	FC215	UC215-47 UC215 UC215-48	7.2 7.2 7.2	67.4 48.3	14.5	UCFC215C	UCFC215D	67	2 5/8	7.2	UCFC215FC	UCFC215FD	80	3 5/32	8.2		
	2 15/16	8 3/4	6.4567	7 31/64	5 9/32	3/4	1 3/8	15/32	55/64	2 13/32	3.252	1.311	5/8	FCX15	UCX15-47 UCX15 UCX15-48	8.0 8.0 8.0	72.7 53.0	14.6	UCFCX15C	UCFCX15D	66	2 19/32	8.0							
80	3 1/8	9 7/16	6.6929	7 7/8	5 9/16	29/32	1 31/32	45/64	5/8	2 21/32	3.252	1.311	3/4	FC216	UC216-50 UC216	8.7 8.7	72.7 53.0	14.6	UCFC216C	UCFC216D	72	2 27/32	8.7	UCFC216FC	UCFC216FD	87	3 7/16	9.9		
	—	10 1/4	7.3228	8 5/8	6 3/32	29/32	1 13/32	25/64	63/64	2 7/16	3.374	1.343	3/4	FCX16	UCX16	11.3	84.0 61.9	14.5	UCFCX16C	UCFCX16D	66	2 19/32	11.3							
	3 1/4	9 27/32	7.0866	8 3/16	5 51/64	29/32	1 25/32	45/64	45/64	2 3/4	3.374	1.343	3/4	FC217	UC217-52 UC217	10.3 10.3	84.0 61.9	14.5	UCFC217C	UCFC217D	74	2 29/32	10.3	UCFC217FC	UCFC217FD	89	3 1/2	11.7		
	3 7/16	10 1/4	7.3228	8 5/8	6 3/32	29/32	1 13/32	25/64	63/64	2 5/8	3.780	1.563	3/4	FCX17	UCX17 UCX17-55	12.9 12.9	96.1 71.5	14.5	UCFCX17C	UCFCX17D	71	2 25/32	12.9							
	3 1/2	10 7/16	7.4803	8 21/32	6 1/8	29/32	1 31/32	55/64	45/64	3 3/32	3.780	1.563	3/4	FC218	UC218-56 UC218	13.3 13.3	96.1 71.5	14.5	UCFC218C	UCFC218D	83	3 9/32	13.3	UCFC218FC	UCFC218FD	98	3 27/32	14.8		
100	3 15/16	10 7/8	8.1102	9 3/8	6 5/8	29/32	2 19/32	55/64	1 7/64	3 9/16	4.626	1.937	3/4	FCX20	UCX20 UCX20-63 UCX20-64	18.2 18.2 18.2	133 105	14.4												
	4	276	206	238	168.3	23	66	22	28	90.3	117.5	49.2																		

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter numbers. (See Table 10.5 in P.51.)
2. Part No. of applicable grease fittings are shown below.
A-1/4-28UNF..... 201-210, X05-X09
A-R1/8..... 211-218, X10-X20

3. As for the triple seal type product (from 201 to 205 are the double seal type products), accessory code L3 (L2) follows the Part No. of unit or bearing. (Example of Part No. : UCFC206JL3, UC206L3)
4. For the dimensions and forms of applicable bearings, see the dimensional tables of ball bearing for unit.
5. Housings of nodular graphite cast iron are also available.