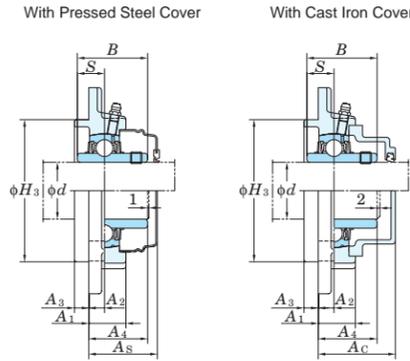
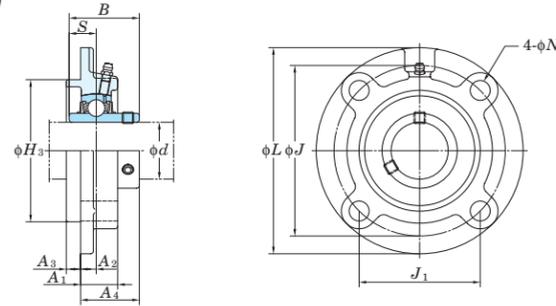


UCFC
Cylindrical bore (with set screws)
d 12 ~ 50 mm



Variations of tolerance of spigot joint outside diameter (ΔH_{3s}), variations of tolerance of distance from mounting surface to center of spherical bore (ΔA_{2s}), tolerance of position of bolt hole (X), and tolerance of circumferential runout of spigot joint (Y)

Housing No.	ΔH_{3s}	ΔA_{2s}	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			0.4

Variations of tolerance of bolt hole diameter (ΔN_s)

Housing No.	ΔN_s
FC204-FC218 FCX05-FCX20	±0.2

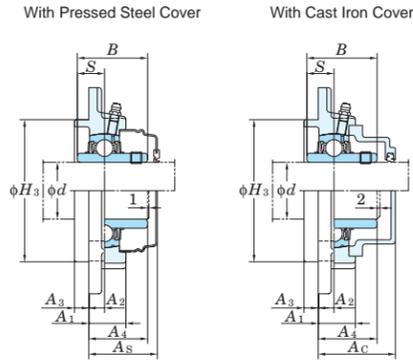
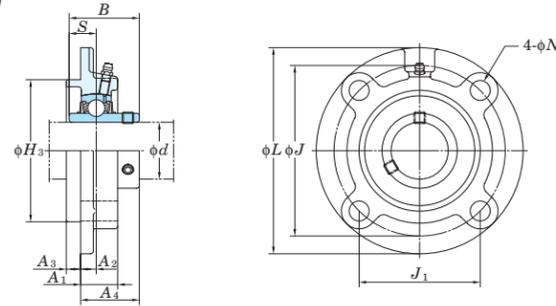
Shaft Dia. mm inch	Dimensions inch mm											Bolt Size inch mm	Standard			Basic			With Pressed Steel Cover		With Cast Iron Cover						
	L	H ₃	J	J ₁	N	A ₁	A ₂	A ₃	A ₄	B	S		Unit No.	Housing No.	Bearing No.	Mass	Load Ratings kN	Factor	Unit No. Open Type	Unit No. Closed Type	Dimension mm inch	Mass	Unit No. Open Type	Unit No. Closed Type	Dimension mm inch	Mass	
12 1/2																											
15 5/8	3 15/16	2.4409	3 5/64	2 11/64	15/32	13/16	25/64	13/64	1 1/8	1.220	0.500		FC204	UC201-8 UC202 UC202-10 UC203 UC204-12 UC204	0.78 0.78 0.76 0.75 0.75 0.73	12.8 6.65	13.2	UCFC201C UCFC201D UCFC202C UCFC202D UCFC203C UCFC203D UCFC204C UCFC204D	32 1 1/4	0.78 0.76 0.75 0.73							
17 3/4																											
20																											
25																											
30																											
35																											
40																											
45																											
50																											

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.

Round flange cartridge type units

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



Variations of tolerance of spigot joint outside diameter (ΔH_{3s}), variations of tolerance of distance from mounting surface to center of spherical bore (ΔA_{2s}), tolerance of position of bolt hole (X), and tolerance of circumferential runout of spigot joint (Y)

Housing No.	ΔH_{3s}	ΔA_{2s}	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			0.4

Variations of tolerance of bolt hole diameter (ΔN_s)

Housing No.	ΔN_s
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			
	L	H ₃	J	J ₁	N	A ₁	A ₂	A ₃	A ₄	B	S	Unit No.		Housing No.	Bearing No.	kg		C _r	C _{0r}		Unit No. Open Type Closed Type	Dimension mm inch A _s	Mass kg	Unit No. Open Type Closed Type	Dimension mm inch A _e	Mass kg		
55 2 2 1/8 2 3/16	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				
	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							
	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				
	7 5/8	5.5118	6 1/2	4 19/32	5/8	1 5/16	7/16	25/32	2	2.563	1.000	1/2	FCX12	UCX12 UCX12-39	5.3 5.3	57.2	40.1	14.4	UCFCX12C UCFCX12D	55 2 5/32	5.3							
60 2 3/8 2 7/16	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				
	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							
65 2 1/2	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				
	8 3/4	6.4567	7 31/64	5 9/32	3/4	1 13/32	35/64	25/32	2 5/16	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							
70 2 3/4	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				
	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							
75 2 15/16	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							
80 3 1/8	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				
	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							
85 3 1/4	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				
	10 1/4	7.3228	8 5/8	6 3/32	29/32	1 11/16	15/32	1 7/64	2 7/8	4.094	1.689	3/4	FCX18	UCX18	13.5	109	81.9	14.4	UCFCX18C UCFCX18C	92 3 5/8	13.5	UCFCX18C UCFCX18C	92 3 5/8	15.4				
90 3 1/2	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	UCFCX20C UCFCX20D	116 4 9/16	18.2	UCFCX20C UCFCX20D	116 4 9/16	20.7				
	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	UCFCX20C UCFCX20D	116 4 9/16	18.2	UCFCX20C UCFCX20D	116 4 9/16	20.7				

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

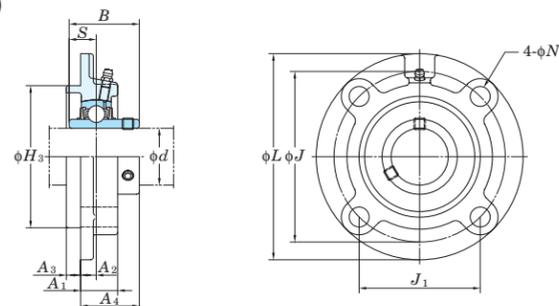
A-R1/8 211-218, X10-X20

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.

UCFCX-E
Cylindrical bore (with set screws)
d 25 ~ 100 mm



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
		L	H ₃	J	J ₁	N	A ₁	A ₂	A ₃	A ₄	B	S					C _r	C _{0r}		
25	1	4 3/8	3.000	3 5/8	2 9/16	3/8	15/16	25/64	15/64	1 9/32	1.500	0.626	5/16	UCFCX05E UCFCX05E-16	FCX05E	UCX05 UCX05-16	19.5	11.3	13.9	1.2
		111	76.2	92	65	9.5	24	10	6	32.2	38.1	15.9	M8							
30	1 3/16 1 1/4	5	3.375	4 9/64	2 59/64	15/32	7/8	5/16	3/8	1 5/16	1.689	0.689	3/8	UCFCX06E UCFCX06E-19 UCFCX06E-20	FCX06E	UCX06 UCX06-19 UCX06-20	25.7	15.4	13.9	1.5
		127	85.725	105	74.2	12	22.5	8	9.5	33.4	42.9	17.5	M10							
35	1 3/8 1 7/16	5 1/4	3.625	4 3/8	3 3/32	15/32	1 1/32	23/64	7/16	1 17/32	1.937	0.748	3/8	UCFCX07E-22 UCFCX07E UCFCX07E-23	FCX07E	UCX07-22 UCX07 UCX07-23	29.1	17.8	14.0	1.9
		133	92.075	111	78.5	12	26	9	11	39.2	49.2	19	M10							
40	1 1/2	5 1/4	3.625	4 3/8	3 3/32	15/32	1 1/32	23/64	7/16	1 17/32	1.937	0.748	3/8	UCFCX08E-24 UCFCX08E	FCX08E	UCX08-24 UCX08	34.1	21.3	14.0	2.0
		133	92.075	111	78.5	12	26	9	11	39.2	49.2	19	M10							
45	1 3/4	6 3/32	4.250	5 1/8	3 5/8	35/64	31/32	5/16	15/32	1 19/32	2.031	0.748	7/16	UCFCX09E-28 UCFCX09E	FCX09E	UCX09-28 UCX09	35.1	23.3	14.4	2.6
		155	107.95	130	91.9	14	25	8	12	40.6	51.6	19	M12							
50	1 15/16 2	6 3/8	4.5	5 23/64	3 25/32	35/64	31/32	9/32	5/8	1 19/32	2.189	0.874	7/16	UCFCX10E-31 UCFCX10E UCFCX10E-32	FCX10E	UCX10-31 UCX10 UCX10-32	43.4	29.4	14.4	3.2
		162	114.3	136	96.2	14	25	7	16	40.4	55.6	22.2	M12							
60	2 7/16	7 5/8	5.500	6 1/2	4 19/32	5/8	1 5/16	7/16	25/32	2	2.563	1.000	1/2	UCFCX12E UCFCX12E-39	FCX12E	UCX12 UCX12-39	57.2	40.1	14.4	5.3
		194	139.7	165	116.7	16	33	11	20	50.7	65.1	25.4	M14							
65	2 1/2	7 5/8	5.500	6 1/2	4 19/32	5/8	1 5/16	7/16	25/32	2 3/16	2.937	1.189	1/2	UCFCX13E-40 UCFCX13E	FCX13E	UCX13-40 UCX13	62.2	44.1	14.5	5.7
		194	139.7	165	116.7	16	33	11	20	55.4	74.6	30.2	M14							
70	2 3/4	8 3/4	6.375	7 31/64	5 9/32	3/4	1 13/32	35/64	25/32	2 5/16	3.063	1.331	5/8	UCFCX14E-44 UCFCX14E	FCX14E	UCX14-44 UCX14	67.4	48.3	14.5	7.3
		222	161.925	190	134.3	19	36	14	20	58.5	77.8	33.3	M16							
75	2 15/16 3	8 3/4	6.375	7 31/64	5 9/32	3/4	1 3/8	15/32	55/64	2 13/32	3.252	1.311	5/8	UCFCX15E-47 UCFCX15E UCFCX15E-48	FCX15E	UCX15-47 UCX15 UCX15-48	72.7	53.0	14.6	8.0
		222	161.925	190	134.3	19	35	12	22	61.3	82.6	33.3	M16							
80	-	10 1/4	7.375	8 5/8	6 3/32	29/32	1 13/32	25/64	63/64	2 7/16	3.374	1.343	3/4	UCFCX16E	FCX16E	UCX16	84.0	61.9	14.5	11.3
		260	187.325	219	154.8	23	36	10	25	61.6	85.7	34.1	M20							
85	3 7/16	10 1/4	7.375	8 5/8	6 3/32	29/32	1 13/32	25/64	63/64	2 5/8	3.780	1.563	3/4	UCFCX17E UCFCX17E-55	FCX17E	UCX17 UCX17-55	96.1	71.5	14.5	12.9
		260	187.325	219	154.8	23	36	10	25	66.3	96	39.7	M20							
90	-	10 1/4	7.375	8 5/8	6 3/32	29/32	1 11/16	15/32	1 7/64	2 7/8	4.094	1.689	3/4	UCFCX18E	FCX18E	UCX18	109	81.9	14.4	13.5
		260	187.325	219	154.8	23	43	12	28	73.1	104	42.9	M20							
100	3 15/16 4	10 7/8	8.125	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	UCFCX20E UCFCX20E-63 UCFCX20E-64	FCX20E	UCX20 UCX20-63 UCX20-64	133	105	14.4	18.2
		276	206.375	238	168.3	23	66	22	28	90.3	117.5	49.2	M20							

Variations of tolerance of spigot joint outside diameter (ΔH_{3a}), variations of tolerance of distance from mounting surface to center of spherical bore (ΔA_{2a}), tolerance of position of bolt hole (X), and tolerance of circumferential runout of spigot joint (Y)

Housing No.	ΔH_{3a}	ΔA_{2a}	Unit: mm	
			X	Y
FCX05E	0 -0.046	±0.5	0.7	0.2
FCX06E-FCX10E	0 -0.054			
FCX12E-FCX15E	0 -0.063	±0.8	1	0.3
FCX16E-FCX18E	0 -0.072			
FCX20E				

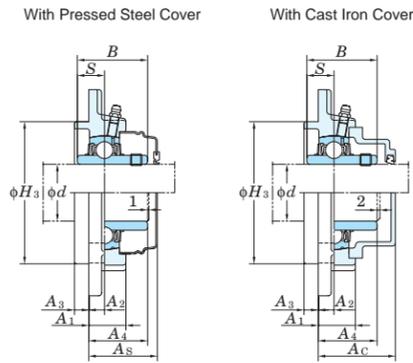
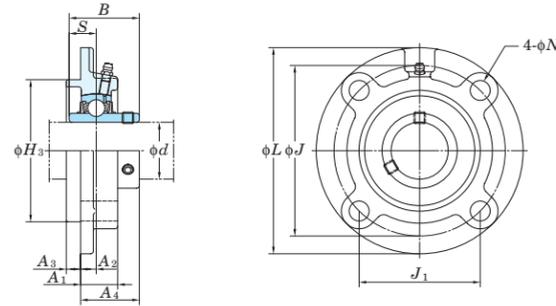
Variations of tolerance of bolt hole diameter (ΔN_s)

Housing No.	Unit: mm
FCX05E-FCX20E	±0.2

Remarks 1. In Part No. of unit, 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 X05-X09
A-R1/8 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. : UCFCX06EL3, UCX06L3)
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.

UCFCF
Cylindrical bore
(with set screw locking)
 d 25 ~ 55 mm



Variations of tolerance of spigot joint outside diameter (ΔH_{3s}), variations of tolerance of distance from mounting surface to center of spherical bore (ΔA_{2s}), tolerance of position of bolt hole (X), and tolerance of circumferential runout of spigot joint (Y)

Housing No.	ΔH_{3s}	ΔA_{2s}	X	Y
FCF205-FCF206	0 -0.046	±0.5	0.7	0.2
FCF207-FCF210	0 -0.054			
FCF211	0 -0.063	±0.8	1	0.3

Variations of tolerance of bolt hole diameter (ΔN_s)

Housing No.	ΔN_s
FCF205-FCF211	±0.2

Shaft Dia. mm inch	Dimensions													Bolt Size inch mm	Standard			Mass kg	Basic Load Ratings kN		Factor f_0
	L	H_3	J	J_1	N	A_1	A_2	A_3	A_4	B	S	Unit No.	Housing No.		Bearing No.	C_r	C_{0r}				
25 $\frac{7}{8}$ $\frac{15}{16}$ 1	$4\frac{3}{8}$	3	$3\frac{5}{8}$	$2\frac{9}{16}$	$\frac{13}{32}$	$\frac{7}{8}$	$\frac{7}{16}$	$\frac{1}{4}$	$1\frac{7}{32}$	1.343	0.563	$\frac{5}{16}$	UCFCF205-14 UCFCF205-15 UCFCF205 UCFCF205-16	FCF205	UC205-14 UC205-15 UC205 UC205-16	1.2	14.0	7.85	13.9		
	5	3.375	$4\frac{1}{8}$	$2\frac{29}{32}$	$\frac{15}{32}$	$\frac{25}{32}$	$\frac{19}{64}$	$\frac{27}{64}$	$1\frac{5}{32}$	1.500	0.626	$\frac{7}{16}$	UCFCF206-18 UCFCF206 UCFCF206-19 UCFCF206-20	FCF206	UC206-18 UC206 UC206-19 UC206-20	1.8	19.5	11.3	13.9		
	$5\frac{1}{4}$	3.625	$4\frac{3}{8}$	$3\frac{3}{32}$	$\frac{15}{32}$	$\frac{7}{8}$	$\frac{9}{32}$	$\frac{15}{32}$	$1\frac{9}{32}$	1.689	0.689	$\frac{7}{16}$	UCFCF207-20 UCFCF207-21 UCFCF207-22 UCFCF207 UCFCF207-23	FCF207	UC207-20 UC207-21 UC207-22 UC207 UC207-23	1.8	25.7	15.4	13.9		
	$5\frac{1}{4}$	3.625	$4\frac{3}{8}$	$3\frac{3}{32}$	$\frac{15}{32}$	$1\frac{1}{32}$	$\frac{3}{8}$	$\frac{15}{32}$	$1\frac{9}{16}$	1.937	0.748	$\frac{7}{16}$	UCFCF208-24 UCFCF208-25 UCFCF208	FCF208	UC208-24 UC208-25 UC208	2.1	29.1	17.8	14.0		
40 $1\frac{1}{2}$ $1\frac{9}{16}$	$6\frac{5}{32}$	4.25	$5\frac{1}{8}$	$3\frac{5}{8}$	$\frac{17}{32}$	$\frac{7}{8}$	$\frac{7}{32}$	$\frac{15}{32}$	$1\frac{13}{32}$	1.937	0.748	$\frac{1}{2}$	UCFCF209-26 UCFCF209-27 UCFCF209-28 UCFCF209	FCF209	UC209-26 UC209-27 UC209-28 UC209	2.8	34.1	21.3	14.0		
	$6\frac{3}{8}$	4.5	$5\frac{3}{8}$	$3\frac{51}{64}$	$\frac{17}{32}$	$1\frac{1}{16}$	$\frac{11}{32}$	$\frac{5}{8}$	$1\frac{5}{8}$	2.031	0.748	$\frac{1}{2}$	UCFCF210-30 UCFCF210-31 UCFCF210 UCFCF210-32	FCF210	UC210-30 UC210-31 UC210 UC210-32	3.2	35.1	23.3	14.4		
50 2 $2\frac{1}{8}$	$7\frac{1}{8}$	5	6	$4\frac{1}{4}$	$\frac{19}{32}$	$\frac{7}{8}$	$\frac{7}{32}$	$\frac{7}{8}$	$1\frac{17}{32}$	2.189	0.874	$\frac{1}{2}$	UCFCF211-32 UCFCF211-34 UCFCF211 UCFCF211-35	FCF211	UC211-32 UC211-34 UC211 UC211-35	4.2	43.4	29.4	14.4		
	$2\frac{3}{16}$																				

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.

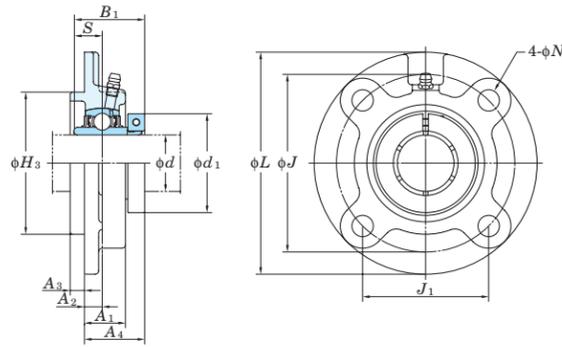
- A-1/4-28UNF 205-210
- A-R1/8 211

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.

NCFC
Cylindrical bore
(with concentric locking collar)
 d 20 ~ 60 mm



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
	L	H_3	J	J_1	N	A_1	A_2	A_3	A_4	B_1	S	d_1					C_r	C_{or}		
20 3/4	3 15/16	2.4409	3 5/64	2 11/64	15/32	13/16	25/64	13/64	1 3/16	1 9/32	0.500	1 3/4	3/8	NCFC204-12	FC204	NC204-12	12.8	6.65	13.2	0.87
	100	62	78	55.1	12	20.5	10	5	29.8	32.5	12.7	44.5	M10	NCFC204	NC204					
25 7/8 15/16	4 17/32	2.7559	3 35/64	2 1/2	15/32	13/16	25/64	15/64	1 9/32	1 7/16	0.563	1 15/16	3/8	NCFC205-14	FC205	NC205-14	14.0	7.85	13.9	1.15
	115	70	90	63.6	12	21	10	6	32.2	36.5	14.3	49.2	M10	NCFC205-15 NCFC205 NCFC205-16		NC205-15 NC205 NC205-16				
30 1 1/8 1 3/16 1 1/4	4 29/32	3.1496	3 15/16	2 25/32	15/32	29/32	25/64	5/16	1 11/32	1 9/16	0.626	2 3/16	3/8	NCFC206-18	FC206	NC206-18	19.5	11.3	13.9	1.5
	125	80	100	70.7	12	23	10	8	33.8	39.7	15.9	55.6	M10	NCFC206 NCFC206-19 NCFC206-20		NC206 NC206-19 NC206-20				
35 1 1/4 1 3/8 1 7/16	5 5/16	3.5433	4 21/64	3 1/16	35/64	1 1/32	7/16	5/16	1 1/2	1 3/4	0.689	2 7/16	7/16	NCFC207-20	FC207	NC207-20	25.7	15.4	13.9	2.0
	135	90	110	77.8	14	26	11	8	38	44.5	17.5	61.9	M12	NCFC207-22 NCFC207 NCFC207-23		NC207-22 NC207 NC207-23				
40 1 1/2	5 23/32	3.9370	4 23/32	3 11/32	35/64	1 1/32	7/16	25/64	1 11/16	2	0.748	2 11/16	7/16	NCFC208-24	FC208	NC208-24	29.1	17.8	14.0	2.4
	145	100	120	84.8	14	26	11	10	42.8	50.8	19	68.3	M12	NCFC208		NC208				
45 1 5/8 1 11/16 1 3/4	6 5/16	4.1339	5 13/64	3 43/64	5/8	1 1/32	25/64	15/32	1 21/32	2	0.748	2 13/16	1/2	NCFC209-26	FC209	NC209-26	34.1	21.3	14.0	3.0
	160	105	132	93.3	16	26	10	12	41.8	50.8	19	71.4	M14	NCFC209-27 NCFC209-28 NCFC209		NC209-27 NC209-28 NC209				
50 1 15/16 2	6 1/2	4.3307	5 7/16	3 27/32	5/8	1 3/32	25/64	15/32	1 3/4	2 3/32	0.748	3 3/8	1/2	NCFC210-31	FC210	NC210-31	35.1	23.3	14.4	3.5
	165	110	138	97.6	16	28	10	12	44.1	53.1	19	85.7	M14	NCFC210 NCFC210-32		NC210 NC210-32				
55 2 2 3/16	7 9/32	4.9213	5 29/32	4 11/64	3/4	1 7/32	33/64	15/32	1 7/8	2 1/4	0.874	3 1/2	5/8	NCFC211-32	FC211	NC211-32	43.4	29.4	14.4	4.6
	185	125	150	106.1	19	31	13	12	47.9	57.1	22.2	88.9	M16	NCFC211 NCFC211-35		NC211 NC211-35				
60 2 1/4 2 7/16	7 11/16	5.3150	6 19/64	4 29/64	3/4	1 13/32	43/64	15/32	2 9/32	2 5/8	1.000	4 1/16	5/8	NCFC212-36	FC212	NC212-36	52.4	36.2	14.4	5.7
	195	135	160	113.1	19	36	17	12	58.3	66.7	25.4	103.2	M16	NCFC212 NCFC212-39		NC212 NC212-39				

Remarks 1. In Part No. of unit, fitting codes follow bore diameter codes. (See Table 10.5 in P.51.)
2. Part No. of applicable grease fittings are shown below.
A-1/4-28UNF 204~210
A-R1/8 211~212

3. For the dimensions and forms of applicable bearings, see the dimensional tables of ball bearing for unit.
4. Representative examples of the forms of housing are indicated.

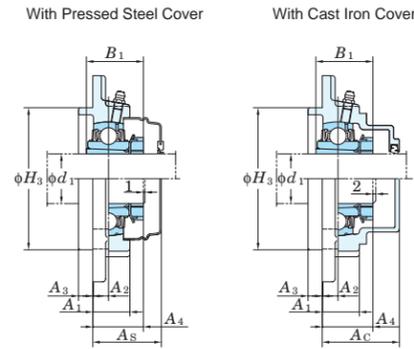
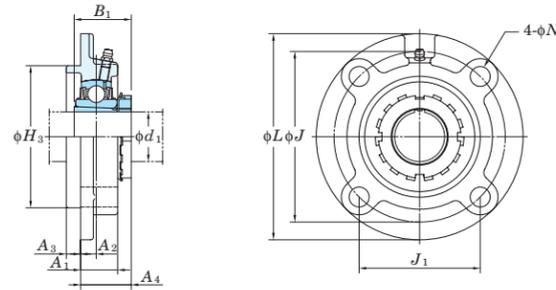
Variations of tolerance of spigot joint outside diameter (Δ_{H3s}), variations of tolerance of distance from mounting surface to center of spherical bore (Δ_{A2s}), tolerance of position of bolt hole (X), and tolerance of circumferential runout of spigot joint (Y)

Housing No.	Δ_{H3s}	Δ_{A2s}	X	Y
FC204-FC206	0 -0.046	±0.5	0.7	0.2
FC207-FC210	0 -0.054			
FC211-FC212	0 -0.063	±0.8	1	0.3

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

Housing No.	Δ_{N6}
FC204-FC212	±0.2

UKFC
Tapered bore (with adapter)
 d_1 70 ~ 90 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
FC205-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			Adapter ¹⁾ No.	Mass kg	Basic Load Ratings kN		Factor f_0	With Pressed Steel Cover			With Cast Iron Cover					
	L	H_3	J	J_1	N	A_1	A_2	A_3	$A_4^{1)}$	$B_1^{1)}$		Unit No.	Housing No.	Bearing No.			Unit No. Open Type Closed Type	Dimension mm inch		Mass kg	Unit No. Open Type Closed Type	Dimension mm inch	Mass kg					
70	2 3/4	9 7/16	6.6929	7 7/8	5 9/16	29/32	1 31/32	45/64	5/8	2 7/32(2 15/32)	2 5/16(3 1/16)	3/4	UKFC216	FC216	UK216	HE316X(HE2316X) H316X(H2316X)	9.0 9.0	72.7 53.0	14.6	-	-	-	-	-	-	-	-	-
	2 3/4	10 1/4	7.3228	8 5/8	6 3/32	29/32	1 13/32	25/64	63/64	1 15/16	3 1/16	3/4	UKFCX16	FCX16	UKX16	HE2316X H2316X	11.4 11.4	84.0 61.9	14.5	UKFC216C	UKFC216D	72 2 27/32	9.0	UKFC216FC	UKFC216FD	87 3 7/16	10.3	
75	3	9 27/32	7.0866	8 3/16	5 51/64	29/32	1 25/32	45/64	45/64	2 9/32(3 17/32)	2 15/32(3 7/32)	3/4	UKFC217	FC217	UK217	H317X(H2317X) HE317X(HE2317X)	10.4 10.4	84.0 61.9	14.5	UKFC217C	UKFC217D	74 2 29/32	10.4	UKFC217FC	UKFC217FD	89 3 1/2	11.8	
	3	10 1/4	7.3228	8 5/8	6 3/32	29/32	1 13/32	25/64	63/64	2 1/16	3 7/32	3/4	UKFCX17	FCX17	UKX17	H2317X HE2317X	12.6 12.6	96.1 71.5	14.5	UKFCX17C	UKFCX17D	71 2 25/32	12.6	-	-	-	-	-
80	-	10 7/16	7.4803	8 21/32	6 1/8	29/32	1 31/32	55/64	45/64	2 17/32(2 13/16)	2 9/16(3 3/8)	3/4	UKFC218	FC218	UK218	H318X(H2318X)	13.3	96.1 71.5	14.5	UKFC218C	UKFC218D	83 3 9/32	13.3	UKFC218FC	UKFC218FD	98 3 27/32	14.9	
	-	10 1/4	7.3228	8 5/8	6 3/32	29/32	1 11/16	15/32	1 7/64	2 5/32	3 3/8	3/4	UKFCX18	FCX18	UKX18	H2318X	13.0	109 81.9	14.4	-	-	-	-	UKFCX18C	UKFCX18D	92 3 5/8	15.1	
90	3 1/2	10 7/8	8.1102	9 3/8	6 5/8	29/32	2 19/32	55/64	1 7/64	2 23/32	3 13/16	3/4	UKFCX20	FCX20	UKX20	HE2320X H2320X	17.1 17.1	133 105	14.4	-	-	-	-	UKFCX20C	UKFCX20D	116 4 9/16	19.9	

Note 1) Codes shown in parentheses indicate the dimensions and Part No. of applicable adapter (H2300X series) for UK200L3 series (triple seal type).

2. Part No. of applicable grease fittings are shown below.
A-1/4-28UNF.....205~210, X05~X09
A-R1/8.....211~218, X10~X20

3. In Part No. of unit with adapters and bearing with adapters, Part No. of applicable adapter follow the Part No. shown in the dimensional tables. (Example of Part No. : UKFC206J + H306X, UK206 + H306X)
4. As for the triple seal type product (205 is the double seal type product), accessory code L3 (or L2) follows the Part No. of unit or bearing. (Example of Part No. : UKFC206JL3 + H2306X, UK206L3 + H2306X)
5. For the dimensions and forms of applicable bearings and adapters, see the dimensional tables of ball bearing for unit and adapter.
6. Housings of nodular graphite cast iron are also available.

Remarks 1. In Part No. of unit and units with covers, fitting codes follow bore diameter numbers. (See Table 10.5 in P.51.)