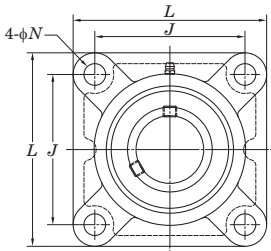
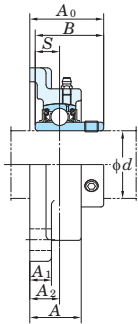


UCF-E
Cylindrical bore (with set screws)
d 12 ~ 85 mm



Shaft Dia. mm inch		Dimensions inch mm									Bolt Size inch	Unit No.	Housing No.	Bearing No.	Mass	
<i>d</i>		<i>L</i>	<i>A</i>	<i>J</i>	<i>N</i>	<i>A</i> ₁	<i>A</i> ₂	<i>A</i> ₀	<i>B</i>	<i>S</i>					kg	
12	1/2										3/8	UCF201E UCF201-8E UCF202E UCF202-10E UCF203E UCF204-12E UCF204E	F204E	UC201	0.64	
15	5/8	3 3/8	1	2 33/64	7/16	7/16	19/32	1 5/16	1.220	0.500				UC201-8	0.62	
17	3/4	86	25.5	64	11	11	15	33.3	31	12.7				UC202	0.61	
20														UC202-10		
25	7/8	3 3/4	1 1/16	2 3/4	29/64	1/2	5/8	1 13/32	1.343	0.563	3/8	UCF205-14E UCF205-15E UCF205E UCF205-16E	F205E	UC203	0.59	
	15/16	95	27	70	11.5	13	16	35.8	34.1	14.3				UC204		
	1													UC204-12		
30	1	4 1/4	1 3/16	3 17/64	29/64	1/2	45/64	1 19/32	1.500	0.626	3/8	UCFX05E UCFX05-16E	FX05E	UC205	0.83	
		108	30	83	11.5	13	18	40.2	38.1	15.9				UC205-14		
	30	1 1/8	4 1/4	1 7/32	3 17/64	33/64	1/2	45/64	1 19/32	1.500	0.626	7/16	UCF206-18E UCF206E UCF206-19E UCF206-20E	F206E	UC205-15	1.1
		1 3/16	108	31	83	13	13	18	40.2	38.1	15.9				UC205	
1 1/4											UC205-16					
35	1 3/16	4 19/32	1 11/32	3 5/8	33/64	9/16	3/4	1 3/4	1.689	0.689	7/16	UCFX06E UCFX06-19E UCFX06-20E	FX06E	UCX05	1.2	
	1 1/4	117	34	92	13	14	19	44.4	42.9	17.5				UCX05-16		
	35	1 1/4	4 19/32	1 11/32	3 5/8	33/64	19/32	3/4	1 3/4	1.689	0.689	7/16	UCF207-20E UCF207-21E UCF207-22E UCF207E UCF207-23E	F207E	UCX06	1.6
		1 5/16	117	34	92	13	15	19	44.4	42.9	17.5				UCX06-19	
1 3/8											UCX06-20					
40	1 7/16	5 1/8	1 1/2	4 1/64	33/64	9/16	53/64	2 1/32	1.937	0.748	7/16	UCFX07-22E UCFX07E UCFX07-23E	FX07E	UCX06-19	2.0	
	1 3/8	130	38	102	13	14	21	51.2	49.2	19				UCX07		
	40	1 1/2	5 1/8	1 13/32	4 1/64	35/64	19/32	53/64	2 1/32	1.937	0.748	1/2	UCF208-24E UCF208-25E UCF208E	F208E	UCX07-23	1.9
		1 9/16	130	36	102	14	15	21	51.2	49.2	19				UC207	
45	1 1/2	5 13/32	1 9/16	4 9/64	19/32	9/16	55/64	2 1/16	1.937	0.748	1/2	UCFX08-24E UCFX08E	FX08E	UC207-22	2.4	
		137	40	105	15	14	22	52.2	49.2	19				UC207		
	45	1 5/8	5 13/32	1 1/2	4 9/64	5/8	5/8	55/64	2 1/16	1.937	0.748	1/2	UCF209-26 UCF209-27 UCF209-28 UCF209	F209 ⁶⁾	UC207-23	2.2
		1 11/16	137	38	105	16	16	22	52.2	49.2	19				UC207-23	
1 3/4											UC208-24					
50	1 7/8	5 5/8	1 9/16	4 3/8	19/32	9/16	29/32	2 3/16	2.031	0.748	1/2	UCFX09-27E UCFX09-28E UCFX09E	FX09E	UC208-25	2.7	
	1 15/16	143	40	111	15	14	23	55.6	51.6	19				UC208		
	50											1/2	UCF210-30 UCF210-31 UCF210 UCF210-32	F210 ⁶⁾	UCX09	2.5
		2													UC209	

Remarks 1. In Part No. of unit, 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, X05~X09
A-R1/8 211~217, X10~X17
3. As for the triple seal type product (from 201 to 205 are the double seal type products), suffix code L3 (L2) follows the Part No. of unit or bearing.
(Example of Part No. : UCF206EJL3, 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.
6. E-type designations F209E, F210E, F214E, and F215E are not available; these models are identical to the standard F209, F210, F214, and F215.

Variations of tolerance of distance from mounting surface to center of spherical bore (ΔA_{2s}) and tolerance of position of bolt hole (X)

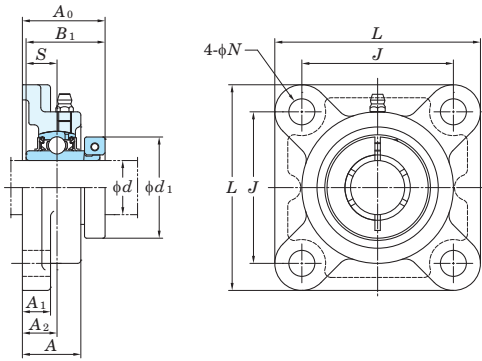
Housing No.		ΔA_{2s}	Unit: mm X
F204E~F210	FX05E~FX10E	± 0.5	0.7
F211E~F217E	FX11E~FX17E	± 0.8	1

Variations of tolerance of bolt hole diameter (ΔN_b)

Housing No.		Unit: mm ΔN_b
F204E~F217E	FX05E~FX17E	± 0.2

Shaft Dia. mm inch		Dimensions inch mm									Bolt Size inch	Unit No.	Housing No.	Bearing No.	Mass
d		L	A	J	N	A ₁	A ₂	A ₀	B	S					kg
50	1 15/16	6 3/8	1 23/32	5 1/8	21/32	25/32	1 1/32	2 11/32	2.189	0.874	9/16	UCFX10-31E UCFX10E UCFX10-32E	FX10E	UCX10-31 UCX10 UCX10-32	3.7
	2	162	44	130	16.5	20	26	59.4	55.6	22.2					
55	2	6 3/8	1 11/16	5 1/8	43/64	23/32	63/64	2 5/16	2.189	0.874	5/8	UCF211-32E UCF211-34E UCF211E UCF211-35E	F211E	UC211-32 UC211-34 UC211 UC211-35	3.4
	2 1/8	162	43	130	17	18	25	58.4	55.6	22.2					
	2 3/16														
60	2 3/16	6 7/8	1 15/16	5 5/8	21/32	25/32	1 9/64	2 23/32	2.563	1.000	9/16	UCFX11E UCFX11-35E UCFX11-36E	FX11E	UCX11 UCX11-35 UCX11-36	4.9
	2 1/4	175	49	143	16.5	20	29	68.7	65.1	25.4					
	2 1/4	6 7/8	1 7/8	5 5/8	43/64	23/32	1 9/64	2 23/32	2.563	1.000	5/8	UCF212-36E UCF212E UCF212-38E UCF212-39E	F212E	UC212-36 UC212 UC212-38 UC212-39	4.2
	2 3/8	175	48	143	17	18	29	68.7	65.1	25.4					
	2 7/16														
65	2 7/16	7 3/8	2 5/16	5 55/64	21/32	13/16	1 11/32	2 29/32	2.563	1.000	9/16	UCFX12E UCFX12-39E	FX12E	UCX12 UCX12-39	5.7
	2 1/2	187	59	149	16.5	21	34	73.7	65.1	25.4					
	2 1/2	7 3/8	1 31/32	5 55/64	43/64	7/8	1 3/16	2 3/4	2.563	1.000	5/8	UCF213-40E UCF213E	F213E	UC213-40 UC213	5.2
	2 1/2	187	50	149	17	22	30	69.7	65.1	25.4					
	2 1/2	7 3/8	2 5/16	5 55/64	21/32	13/16	1 11/32	3 3/32	2.937	1.189		9/16		UCFX13-40E UCFX13E	
2 1/2	187	59	149	16.5	21	34	78.4	74.6	30.2						
70	2 3/4	7 19/32	2 1/8	5 63/64	3/4	7/8	1 7/32	2 31/32	2.937	1.189	5/8	UCF214-44 UCF214	F214 ⁶⁾	UC214-44 UC214	5.9
	2 3/4	193	54	152	19	22	31	75.4	74.6	30.2					
	2 3/4	7 3/4	2 3/8	5 63/64	25/32	7/8	1 29/64	3 7/32	3.063	1.331	11/16	UCFX14-44E UCFX14E	FX14E	UCX14-44 UCX14	7.0
2 3/4	197	60	152	20	22	37	81.5	77.8	33.3						
75	2 15/16	7 7/8	2 7/32	6 17/64	3/4	7/8	1 11/32	3 3/32	3.063	1.311	5/8	UCF215-47 UCF215 UCF215-48	F215 ⁶⁾	UC215-47 UC215 UC215-48	6.4
	3	200	56	159	19	22	34	78.5	77.8	33.3					
	2 15/16	7 3/4	2 11/16	5 63/64	25/32	15/16	1 37/64	3 17/32	3.252	1.311	11/16	UCFX15-47E UCFX15E UCFX15-48E	FX15E	UCX15-47 UCX15 UCX15-48	8.4
3	197	68	152	20	24	40	89.3	82.6	33.3						
80	3 1/8	8 3/16	2 9/32	6 1/2	3/4	7/8	1 11/32	3 9/32	3.252	1.311	11/16	UCF216-50E UCF216E	F216E	UC216-50 UC216	7.3
	—	208	58	165	19	22	34	83.3	82.6	33.3					
85	3 1/8	8 7/16	2 3/4	6 47/64	25/32	15/16	1 37/64	3 19/32	3.374	1.343	11/16	UCFX16E	FX16E	UCX16	9.4
	3 1/4	214	70	171	20	24	40	91.6	85.7	34.1					
	3 1/4	8 21/32	2 15/32	6 57/64	3/4	15/16	1 27/64	3 7/16	3.374	1.343	11/16	UCF217-52E UCF217E	F217E	UC217-52 UC217	8.9
3 1/4	220	63	175	19	24	36	87.6	85.7	34.1						
85	3 7/16	8 7/16	2 3/4	6 47/64	25/32	15/16	1 37/64	3 25/32	3.780	1.563	11/16	UCF217E UCFX17-55E	FX17E	UCX17 UCX17-55	10.8
	3 7/16	214	70	171	20	24	40	96.3	96	39.7					

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



Variations of tolerance of distance from mounting surface to center of spherical bore (ΔA_{2a}) and tolerance of position of bolt hole (X)

Housing No.	ΔA_{2a}	Unit: mm <i>X</i>
F204~F210	±0.5	0.7
F211~F212	±0.8	1

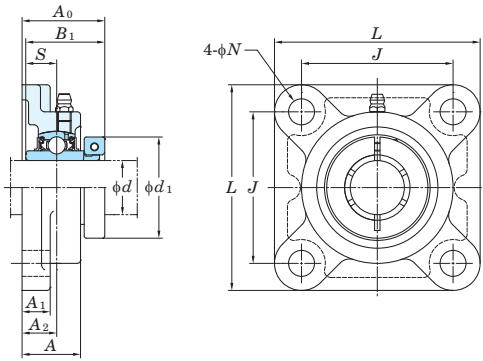
Variations of tolerance of bolt hole diameter (ΔN_b)

Housing No.	Unit: mm ΔN_b
F204~F212	±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>L</i>	<i>A</i>	<i>J</i>	<i>N</i>	<i>A</i> ₁	<i>A</i> ₂	<i>A</i> ₀	<i>B</i> ₁	<i>S</i>	<i>d</i> ₁					
20	³ / ₄	3 ³ / ₈	1	2 ³³ / ₆₄	¹⁵ / ₃₂	⁷ / ₁₆	¹⁹ / ₃₂	1 ³ / ₈	1 ⁹ / ₃₂	0.500	1 ³ / ₄	³ / ₈	NCF204-12 NCF204	F204	NC204-12 NC204	0.73
		86	25.5	64	12	11	15	34.8	32.5	12.7	44.5	M10				
25	⁷ / ₈ ¹⁵ / ₁₆	3 ³ / ₄	1 ¹ / ₁₆	2 ³ / ₄	¹⁵ / ₃₂	¹ / ₂	⁵ / ₈	1 ¹ / ₂	1 ⁷ / ₁₆	0.563	1 ¹⁵ / ₁₆	³ / ₈	NCF205-14 NCF205-15 NCF205 NCF205-16	F205	NC205-14 NC205-15 NC205 NC205-16	1.0
		95	27	70	12	13	16	38.2	36.5	14.3	49.2	M10				
30	1 ¹ / ₈ 1 ³ / ₁₆ 1 ¹ / ₄	4 ¹ / ₄	1 ⁷ / ₃₂	3 ¹⁷ / ₆₄	¹⁵ / ₃₂	¹ / ₂	⁴⁵ / ₆₄	1 ²¹ / ₃₂	1 ¹⁹ / ₃₂	0.626	2 ³ / ₁₆	³ / ₈	NCF206-18 NCF206 NCF206-19 NCF206-20	F206	NC206-18 NC206 NC206-19 NC206-20	1.3
		108	31	83	12	13	18	42.2	40.1	15.9	55.6	M10				
35	1 ¹ / ₄ 1 ³ / ₈ 1 ⁷ / ₁₆	4 ¹⁹ / ₃₂	1 ¹¹ / ₃₂	3 ⁵ / ₈	³⁵ / ₆₄	¹⁹ / ₃₂	³ / ₄	1 ¹³ / ₁₆	1 ³ / ₄	0.689	2 ⁷ / ₁₆	⁷ / ₁₆	NCF207-20 NCF207-22 NCF207 NCF207-23	F207	NC207-20 NC207-22 NC207 NC207-23	1.8
		117	34	92	14	15	19	46	44.5	17.5	61.9	M12				
40	1 ¹ / ₂ 1 ³ / ₄	5 ¹ / ₈	1 ¹³ / ₃₂	4 ¹ / ₆₄	⁵ / ₈	¹⁹ / ₃₂	⁵³ / ₆₄	2 ³ / ₃₂	2	0.748	2 ¹¹ / ₁₆	¹ / ₂	NCF208-24 NCF208	F208	NC208-24 NC208	2.3
		130	36	102	16	15	21	52.8	50.8	19	68.3	M14				
45	1 ⁵ / ₈ 1 ¹¹ / ₁₆ 1 ³ / ₄	5 ¹³ / ₃₂	1 ¹ / ₂	4 ⁹ / ₆₄	⁵ / ₈	⁵ / ₈	⁵⁵ / ₆₄	2 ¹ / ₈	2	0.748	2 ¹³ / ₁₆	¹ / ₂	NCF209-26 NCF209-27 NCF209-28 NCF209	F209	NC209-26 NC209-27 NC209-28 NC209	2.6
		137	38	105	16	16	22	53.8	50.8	19	71.4	M14				
50	1 ¹⁵ / ₁₆ 2	5 ⁵ / ₈	1 ⁹ / ₁₆	4 ³ / ₈	⁵ / ₈	⁵ / ₈	⁵⁵ / ₆₄	2 ⁷ / ₃₂	2 ³ / ₃₂	0.748	3 ³ / ₈	¹ / ₂	NCF210-31 NCF210 NCF210-32	F210	NC210-31 NC210 NC210-32	3.1
		143	40	111	16	16	22	56.1	53.1	19	85.7	M14				
55	2 2 ³ / ₁₆	6 ³ / ₈	1 ¹¹ / ₁₆	5 ¹ / ₈	³ / ₄	²³ / ₃₂	⁶³ / ₆₄	2 ¹¹ / ₃₂	2 ¹ / ₄	0.874	3 ¹ / ₂	⁵ / ₈	NCF211-32 NCF211 NCF211-35	F211	NC211-32 NC211 NC211-35	3.8
		162	43	130	19	18	25	59.9	57.1	22.2	88.9	M16				
60	2 ¹ / ₄ 2 ⁷ / ₁₆	6 ⁷ / ₈	1 ⁷ / ₈	5 ⁵ / ₈	³ / ₄	²³ / ₃₂	¹ / ₆₄	2 ²⁵ / ₃₂	2 ⁵ / ₈	1.000	4 ¹ / ₁₆	⁵ / ₈	NCF212-36 NCF212 NCF212-39	F212	NC212-36 NC212 NC212-39	4.9
		175	48	143	19	18	29	70.4	66.8	25.4	103.2	M16				

Remarks 1. In Part No. of unit, fitting codes follow bore diameter codes. (See **Table 10.5** in P.62.)
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.

NCF-E
Cylindrical bore
(with concentric locking collar)
d 20 ~ 60 mm



Variations of tolerance of distance from mounting surface to center of spherical bore (ΔA_{2a}) and tolerance of position of bolt hole (X)

Housing No.	ΔA_{2a}	Unit: mm <i>X</i>
F204E~F208E	±0.5	0.7
F211E~F212E	±0.8	1

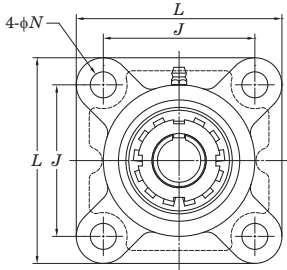
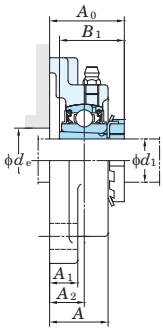
Variations of tolerance of bolt hole diameter (ΔN_b)

Housing No.	Unit: mm ΔN_b
F204E~F212E	±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>L</i>	<i>A</i>	<i>J</i>	<i>N</i>	<i>A</i> ₁	<i>A</i> ₂	<i>A</i> ₀	<i>B</i> ₁	<i>S</i>	<i>d</i> ₁					
20	³ / ₄	3 ³ / ₈	1	2 ³³ / ₆₄	⁷ / ₁₆	⁷ / ₁₆	¹⁹ / ₃₂	1 ³ / ₈	1 ⁹ / ₃₂	0.500	1 ³ / ₄	³ / ₈	NCF204-12E NCF204E	F204E	NC204-12 NC204	0.73
		86	25.5	64	11	11	15	34.8	32.5	12.7	44.5					
25	⁷ / ₈ ¹⁵ / ₁₆ 1	3 ³ / ₄	1 ¹ / ₁₆	2 ³ / ₄	²⁹ / ₆₄	¹ / ₂	⁵ / ₈	1 ¹ / ₂	1 ⁷ / ₁₆	0.563	1 ¹⁵ / ₁₆	³ / ₈	NCF205-14E NCF205-15E NCF205E NCF205-16E	F205E	NC205-14 NC205-15 NC205 NC205-16	1.0
		95	27	70	11.5	13	16	38.2	36.5	14.3	49.2					
30	1 ¹ / ₈ 1 ³ / ₁₆ 1 ¹ / ₄	4 ¹ / ₄	1 ⁷ / ₃₂	3 ¹⁷ / ₆₄	³³ / ₆₄	¹ / ₂	⁴⁵ / ₆₄	1 ²¹ / ₃₂	1 ¹⁹ / ₃₂	0.626	2 ³ / ₁₆	⁷ / ₁₆	NCF206-18E NCF206E NCF206-19E NCF206-20E	F206E	NC206-18 NC206 NC206-19 NC206-20	1.3
		108	31	83	13	13	18	42.2	40.1	15.9	55.6					
35	1 ¹ / ₄ 1 ³ / ₈ 1 ⁷ / ₁₆	4 ¹⁹ / ₃₂	1 ¹¹ / ₃₂	3 ⁵ / ₈	³³ / ₆₄	¹⁹ / ₃₂	³ / ₄	1 ¹³ / ₁₆	1 ³ / ₄	0.689	2 ⁷ / ₁₆	⁷ / ₁₆	NCF207-20E NCF207-22E NCF207E NCF207-23E	F207E	NC207-22 NC207 NC207-23	1.8
		117	34	92	13	15	19	46	44.5	17.5	65.1					
40	1 ¹ / ₂ 1 ³ / ₄	5 ¹ / ₈	1 ¹³ / ₃₂	4 ¹ / ₆₄	³⁵ / ₆₄	¹⁹ / ₃₂	⁵³ / ₆₄	2 ³ / ₃₂	2	0.748	2 ¹¹ / ₁₆	¹ / ₂	NCF208-24E NCF208E	F208E	NC208-24 NC208	2.3
		130	36	102	14	15	21	52.8	50.8	19	68.3					
45	1 ⁵ / ₈ 1 ¹¹ / ₁₆ 1 ³ / ₄	5 ¹³ / ₃₂	1 ¹ / ₂	4 ⁹ / ₆₄	⁵ / ₈	⁵ / ₈	⁵⁵ / ₆₄	2 ¹ / ₈	2	0.748	2 ¹³ / ₁₆	¹ / ₂	NCF209-26 NCF209-27 NCF209-28 NCF209	F209 ⁵⁾	NC209-26 NC209-27 NC209-28 NC209	2.6
		137	38	105	16	16	22	53.8	50.8	19	71.4					
50	1 ¹⁵ / ₁₆ 2	5 ⁵ / ₈	1 ⁹ / ₁₆	4 ³ / ₈	⁵ / ₈	⁵ / ₈	⁵⁵ / ₆₄	2 ⁷ / ₃₂	2 ³ / ₃₂	0.748	3 ³ / ₈	¹ / ₂	NCF210-31 NCF210 NCF210-32	F210 ⁵⁾	NC210-31 NC210 NC210-32	3.1
		143	40	111	16	16	22	56.1	53.1	19	85.7					
55	2 2 ³ / ₁₆	6 ³ / ₈	1 ¹¹ / ₁₆	5 ¹ / ₈	⁴³ / ₆₄	²³ / ₃₂	⁶³ / ₆₄	2 ¹¹ / ₃₂	2 ¹ / ₄	0.874	3 ¹ / ₂	⁵ / ₈	NCF211-32E NCF211E NCF211-35E	F211E	NC211-32 NC211 NC211-35	3.8
		162	43	130	17	18	25	59.9	57.1	22.2	88.9					
60	2 ¹ / ₄ 2 ⁷ / ₁₆	6 ⁷ / ₈	1 ⁷ / ₈	5 ⁵ / ₈	⁴³ / ₆₄	²³ / ₃₂	¹ / ₆₄	2 ²⁵ / ₃₂	2 ⁵ / ₈	1.000	4 ¹ / ₁₆	⁵ / ₈	NCF212-36E NCF212E NCF212-39E	F212E	NC212-36 NC212 NC212-39	4.9
		175	48	143	17	18	29	70.4	66.8	25.4	104.8					

Remarks 1. In Part No. of unit, fitting codes follow bore diameter codes. (See **Table 10.5** in P.62.)
2. Part No. of applicable grease fittings are shown below.
A-1/4-28UNF..... 204~208
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.
5. E-type designations F209E and F210E are not available; these models are identical to the standard F209 and F210.

UKF
Tapered bore (with adapter)
d₁ 20 ~ 125 mm



Variations of tolerance of distance from mounting surface to center of spherical bore (ΔA_{2a}) and tolerance of position of bolt hole (ΔX)

Unit: mm

Housing No.			ΔA_{2s}	X
F205~F210	FX05~FX10	F305~F310	± 0.5	0.7
F211~F218	FX11~FX20	F311~F328	± 0.8	1

Variations of tolerance of bolt hole diameter (ΔN_b)

			Unit: mm
Housing No.			ΔN_b
F205~F218	FX05~FX18	F305~F315	± 0.2
	FX20	F316~F328	± 0.3

Form of F205FJE3 (housing with cast iron cover) is shown below.



Shaft Dia. mm inch		Dimensions inch mm										Bolt Size inch mm	Unit No.	Housing No.	Bearing No.	Adapter No.	Mass kg
d ₁		L	A	J	N	A ₁	A ₂	A ₀	B ₁	d _e (min.)							
20	3/4	3 3/4	1 1/16	2 3/4	15/32	1/2	5/8	1 13/32	1 3/8	1 3/16	3/8	M10	UKF205	F205	UK205	HE2305X	0.87
		95	27	70	12	13	16	36	35	30						H2305X	0.87
	3/4	4 1/4	1 3/16	3 17/64	15/32	1/2	45/64	1 9/16	1 3/8	1 3/16	3/8	M10	UKFX05	FX05	UKX05	HE2305X	1.2
25		108	30	83	12	13	18	39.5	35	30						H2305X	1.2
	3/4	4 11/32	1 5/32	3 5/32	5/8	1/2	5/8	1 15/32	1 3/8	—	1/2	M14	UKF305	F305	UK305	HE2305X	1.4
		110	29	80	16	13	16	37.5	35	—						H2305X	1.4
30	1	4 1/4	1 7/32	3 17/64	15/32	1/2	45/64	1 9/16	1 1/2	1 13/32	3/8	M10	UKF206	F206	UK206	H2306X	1.3
		108	31	83	12	13	18	39.5	38	36						HE2306X	1.3
	1	4 19/32	1 11/32	3 5/8	5/8	9/16	3/4	1 21/32	1 1/2	1 13/32	1/2	M14	UKFX06	FX06	UKX06	H2306X	1.6
35		117	34	92	16	14	19	42	38	36						HE2306X	1.6
	1	4 29/32	1 1/4	3 47/64	5/8	19/32	45/64	1 5/8	1 1/2	—	1/2	M14	UKF306	F306	UK306	H2306X	1.9
		125	32	95	16	15	18	41	38	—						HE2306X	1.9
40	1 1/8	4 19/32	1 11/32	3 5/8	35/64	19/32	3/4	1 11/16	1 11/16	1 5/8	7/16	M12	UKF207	F207	UK207	HS2307X	1.6
		117	34	92	14	15	19	43	43	41						H2307X	1.6
	1 1/8	5 1/8	1 1/2	4 1/64	5/8	9/16	53/64	1 27/32	1 11/16	1 5/8	1/2	M14	UKFX07	FX07	UKX07	HS2307X	2.0
45		130	38	102	16	14	21	47	43	41						H2307X	2.0
	1 1/8	5 5/16	1 13/32	3 15/16	3/4	5/8	25/32	1 25/32	1 11/16	—	5/8	M16	UKF307	F307	UK307	HS2307X	2.3
		135	36	100	19	16	20	45.5	43	—						H2307X	2.3
50	1 1/4	5 1/8	1 13/32	4 1/64	5/8	19/32	53/64	1 7/8	1 13/16	1 13/16	1/2	M14	UKF208	F208	UK208	HE2308X	1.9
	1 3/8	130	36	102	16	15	21	48	46	46						HS2308X	1.9
																H2308X	1.9
55	1 1/4	5 13/32	1 9/16	4 9/64	3/4	9/16	55/64	1 31/32	1 13/16	1 13/16	5/8	M16	UKFX08	FX08	UKX08	HE2308X	2.3
	1 3/8	137	40	105	19	14	22	50	46	46						HS2308X	2.3
																H2308X	2.3
60	1 1/4	5 29/32	1 9/16	4 13/32	3/4	21/32	29/32	2	1 13/16	—	5/8	M16	UKF308	F308	UK308	HE2308X	3.1
	1 3/8	150	40	112	19	17	23	50.5	46	—						HS2308X	3.1
																H2308X	3.1
65	1 1/2	5 13/32	1 1/2	4 9/64	5/8	5/8	55/64	2	1 13/32	2 1/16	1/2	M14	UKF209	F209	UK209	HE2309X	2.3
		137	38	105	16	16	22	51	50	52						H2309X	2.3
	1 1/2	5 5/8	1 9/16	4 3/8	3/4	9/16	29/32	2 1/16	1 31/32	2 1/16	5/8	M16	UKFX09	FX09	UKX09	HE2309X	2.7
70		143	40	111	19	14	23	52	50	52						H2309X	2.7
	1 1/2	6 5/16	1 23/32	4 59/64	3/4	23/32	63/64	2 5/32	1 31/32	—	5/8	M16	UKF309	F309	UK309	HE2309X	4.1
		160	44	125	19	18	25	55	50	—						H2309X	4.1
75	1 3/4	5 5/8	1 9/16	4 3/8	5/8	5/8	55/64	2 1/16	2 5/32	2 9/32	1/2	M14	UKF210	F210	UK210	HE2310X	2.6
		143	40	111	16	16	22	52	55	58						H2310X	2.6
	1 3/4	6 3/8	1 23/32	5 1/8	3/4	25/32	1 1/32	2 9/32	2 5/32	2 9/32	5/8	M16	UKFX10	FX10	UKX10	HE2310X	3.6
80		162	44	130	19	20	26	58	55	58						H2310X	3.6
	1 3/4	6 7/8	1 7/8	5 13/64	29/32	3/4	1 7/64	2 3/8	2 5/32	—	3/4	M20	UKF310	F310	UK310	HE2310X	5.1
		175	48	132	23	19	28	60	55	—						H2310X	5.1
85	1 7/8	6 3/8	1 11/16	5 1/8	3/4	23/32	63/64	2 1/4	2 5/16	2 17/32	5/8	M16	UKF211	F211	UK211	HS2311X	3.5
		162	43	130	19	18	25	57	59	64						H2311X	3.5
	2															HE2311X	3.5

- Remarks
- In Part No. of unit and units with covers, fitting codes follow bore diameter numbers. (See **Table 10.5** in P62.)
 - Part No. of applicable grease fittings are shown below.
A-1/4-28UNF..... 205~210, X05~X09, 305~308
A-R1/8..... 211~218, X10~X20, 309~328
 - 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.: UKF206J + H2306X, UK206 + H2306X)
 - As for the triple seal type product (205 is the double seal type product), suffix code L3 (L2) follows the Part No. of unit or bearing.
(Example of Part No.: UKF206JL3 + H2306X, UK206L3 + H2306X)
 - For the dimensions and forms of applicable bearings and adapters, see the dimensional tables of ball bearing for unit and adapter.
 - Housings of nodular graphite cast iron are also available.

Shaft Dia.		Dimensions										Bolt Size	Unit No.	Housing No.	Bearing No.	Adapter No.	Mass	
mm	inch	inch mm										inch mm						
d ₁		L	A	J	N	A ₁	A ₂	A ₀	B ₁	d _e (min.)						kg		
50	1 7/8	6 7/8	1 15/16	5 5/8	3/4	25/32	1 9/64	2 17/32	2 5/16	2 17/32	5/8	UKFX11	FX11	UKX11	HS2311X	4.6		
	2	175	49	143	19	20	29	64.5	59	64	M16				H2311X	4.6		
															HE2311X	4.6		
	1 7/8	7 9/32	2 1/16	5 33/64	29/32	25/32	1 3/16	2 1/2	2 5/16	—	3/4	UKF311	F311	UK311	HS2311X	5.9		
	2	185	52	140	23	20	30	63.5	59	—	M20				H2311X	5.9		
															HE2311X	5.9		
55	2 1/8	6 7/8	1 7/8	5 5/8	3/4	23/32	1 9/64	2 19/32	2 7/16	2 23/32	5/8	UKF212	F212	UK212	HS2312X	4.1		
		175	48	143	19	18	29	65.5	62	69	M16				H2312X	4.1		
	2 1/8	7 3/8	2 5/16	5 55/64	3/4	13/16	1 11/32	2 25/32	2 7/16	2 23/32	5/8	UKFX12	FX12	UKX12	HS2312X	5.5		
		187	59	149	19	21	34	70.5	62	69	M16				H2312X	5.5		
	2 1/8	7 11/16	2 7/32	5 29/32	29/32	7/8	1 19/64	2 3/4	2 7/16	—	3/4	UKF312	F312	UK312	HS2312X	6.8		
		195	56	150	23	22	33	69.5	62	—	M20				H2312X	6.8		
60	2 1/4	7 3/8	1 31/32	5 55/64	3/4	7/8	1 3/16	2 21/32	2 9/16	2 29/32	5/8	UKF213	F213	UK213	HE2313X	5.1		
		187	50	149	19	22	30	67.5	65	74	M16				H2313X	5.1		
	2 3/8														HS2313X	5.1		
	2 1/4	7 3/8	2 5/16	5 55/64	3/4	13/16	1 11/32	2 29/32	2 9/16	2 29/32	5/8	UKFX13	FX13	UKX13	HE2313X	6.0		
		187	59	149	19	21	34	73.5	65	74	M16				H2313X	6.0		
															HS2313X	6.0		
	2 1/4	8 3/16	2 9/32	6 17/32	29/32	7/8	1 19/64	2 13/16	2 9/16	—	3/4	UKF313	F313	UK313	HE2313X	7.9		
	2 3/8	208	58	166	23	22	33	71.5	65	—	M20				H2313X	7.9		
															HS2313X	7.9		
65	2 1/2	7 7/8	2 7/32	6 17/64	3/4	7/8	1 11/32	2 15/16	2 7/8	3 11/32	5/8	UKF215	F215	UK215	HE2315X	6.5		
		200	56	159	19	22	34	74.5	73	85	M16				H2315X	6.5		
	2 1/2	7 3/4	2 11/16	5 63/64	29/32	15/16	1 37/64	3 1/4	2 7/8	3 11/32	3/4	UKFX15	FX15	UKX15	HE2315X	8.1		
		197	68	152	23	24	40	82.5	73	85	M20				H2315X	8.1		
	2 1/2	9 9/32	2 19/32	7 1/4	63/64	31/32	1 17/32	3 7/32	2 7/8	—	7/8	UKF315	F315	UK315	HE2315X	11.7		
		236	66	184	25	25	39	81.5	73	—	M22				H2315X	11.7		
70	2 3/4	8 3/16	2 9/32	6 1/2	29/32	7/8	1 11/32	3 3/32	3 1/16	3 17/32	3/4	UKF216	F216	UK216	HE2316X	7.6		
		208	58	165	23	22	34	78.5	78	90	M20				H2316X	7.6		
	2 3/4	8 7/16	2 3/4	6 47/64	29/32	15/16	1 37/64	3 3/8	3 1/16	3 17/32	3/4	UKFX16	FX16	UKX16	HE2316X	9.5		
		214	70	171	23	24	40	85.5	78	90	M20				H2316X	9.5		
	2 3/4	9 27/32	2 11/16	7 23/32	1 7/32	1 1/16	1 1/2	3 1/4	3 1/16	—	1	UKF316	F316	UK316	HE2316X	12.9		
		250	68	196	31	27	38	82.5	78	—	M27				H2316X	12.9		
75	—	8 21/32	2 15/32	6 57/64	29/32	15/16	1 27/64	3 1/4	3 7/32	3 25/32	3/4	UKF217	F217	UK217	H2317X	9.0		
	3	220	63	175	23	24	36	82.5	82	96	M20				HE2317X	9.0		
	3	8 7/16	2 3/4	6 47/64	29/32	15/16	1 37/64	3 17/32	3 7/32	3 25/32	3/4	UKFX17	FX17	UKX17	H2317X	10.4		
		214	70	171	23	24	40	89.5	82	96	M20				HE2317X	10.4		
	3	10 1/4	2 29/32	8 1/32	1 7/32	1 1/16	1 47/64	3 5/8	3 7/32	—	1	UKF317	F317	UK317	H2317X	15.2		
		260	74	204	31	27	44	92	82	—	M27				HE2317X	15.2		
80	—	9 1/4	2 11/16	7 23/64	29/32	31/32	1 37/64	3 17/32	3 3/8	4 1/32	3/4	UKF218	F218	UK218	H2318X	11.4		
		235	68	187	23	25	40	89.5	86	102	M20							
	—	8 7/16	3	6 47/64	29/32	15/16	1 49/64	3 3/4	3 3/8	4 1/32	3/4	UKFX18	FX18	UKX18	H2318X	11.4		
		214	76	171	23	24	45	95.5	86	102	M20							
	—	11 1/32	3	8 1/2	1 3/8	1 3/16	1 47/64	3 5/8	3 3/8	—	1 1/8	UKF318	F318	UK318	H2318X	19.0		
		280	76	216	35	30	44	92	86	—	M30							
85	3 1/4	11 13/32	3 11/16	8 31/32	1 3/8	1 3/16	2 21/64	4 3/8	3 17/32	—	1 1/8	UKF319	F319	UK319	HE2319X	21.9		
		290	94	228	35	30	59	111	90	—	M30				H2319X	21.9		
90	3 1/2	10 9/16	3 13/16	8 5/16	1 7/32	1 3/32	2 21/64	4 15/32	3 13/16	4 13/32	1	UKFX20	FX20	UKX20	HE2320X	18.4		
		268	97	211	31	28	59	113.5	97	112	M27				H2320X	18.4		
	3 1/2	12 7/32	3 11/16	9 17/32	1 1/2	1 1/4	2 21/64	4 7/16	3 13/16	—	1 1/4	UKF320	F320	UK320	HE2320X	25.4		
		310	94	242	38	32	59	113	97	—	M33				H2320X	25.4		
100	4	13 3/8	3 25/32	10 15/32	1 39/64	1 3/8	2 23/64	4 23/32	4 1/8	—	1 3/8	UKF322	F322	UK322	H2322X	35.2		
		340	96	266	41	35	60	120	105	—	M36				HE2322X	35.2		
110	—	14 9/16	4 11/32	11 27/64	1 39/64	1 9/16	2 9/16	5 1/8	4 13/32	—	1 3/8	UKF324	F324	UK324	H2324X	47.6		
		370	110	290	41	40	65	130.5	112	—	M36							
115	4 1/2	16 5/32	4 17/32	12 19/32	1 39/64	1 25/32	2 9/16	5 3/16	4 3/4	—	1 3/8	UKF326	F326	UK326	HE2326X	65.3		
		410	115	320	41	45	65	131.5	121	—	M36				H2326X	65.3		
125	—	17 23/32	4 29/32	13 25/32	1 39/64	2 5/32	2 61/64	5 13/16	5 5/32	—	1 3/8	UKF328	F328	UK328	H2328X	74.9		
		450	125	350	41	55	75	147.5	131	—	M36							