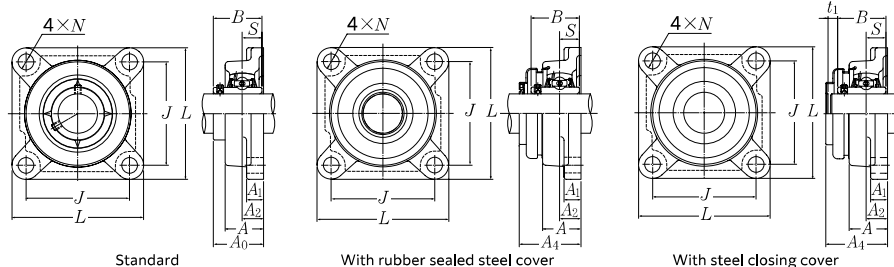


Bearing Units

NTN

Cast iron square flanged unit UCF type / cylindrical bore type, setscrew type



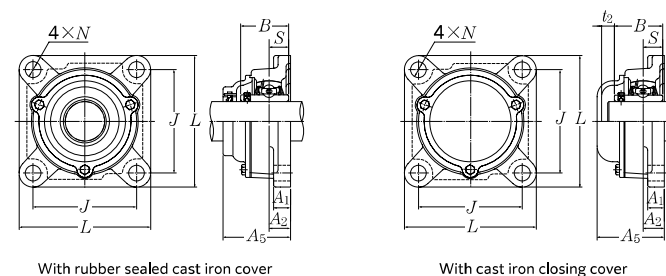
Shaft diameter: 12 to 60 mm

Shaft dia. mm	Unit number ⁽¹⁾⁽²⁾	Dimensions mm										Fixing bolt	Number	Bearing		
		<i>L</i>	<i>J</i>	<i>A</i> ₂	<i>A</i> ₁	<i>A</i>	<i>N</i>	<i>A</i> ₀	<i>B</i>	<i>S</i>	Basic load dynamic <i>C</i> _r			Basic load static <i>C</i> _{0r}	Fatigue load limit <i>C</i> _u	
12	UCF201	86	64	15	11	25,5	12	33,3	31	12,7	M10	UC201D1	14,2	6,65	0,505	
15	UCF202	86	64	15	11	25,5	12	33,3	31	12,7	M10	UC202D1	14,2	6,65	0,505	
17	UCF203	86	64	15	11	25,5	12	33,3	31	12,7	M10	UC203D1	14,2	6,65	0,505	
20	UCF204	86	64	15	11	25,5	12	33,3	31	12,7	M10	UC204D1	14,2	6,65	0,505	
25	UCF205	95	70	16	13	27	12	35,8	34,1	14,3	M10	UC205D1	15,5	7,85	0,55	
	UCFX05	108	83	18	13	30	12	40,2	38,1	15,9	M10	UCX05D1	21,6	11,3	0,795	
	UCF305	110	80	16	13	29	16	39	38	15	M14	UC305D1	23,5	10,9	0,855	
30	UCF206	108	83	18	13	31	12	40,2	38,1	15,9	M10	UC206D1	21,6	11,3	0,795	
	UCFX06	117	92	19	14	34	16	44,4	42,9	17,5	M14	UCX06D1	28,4	15,3	1,09	
	UCF306	125	95	18	15	32	16	44	43	17	M14	UC306D1	29,5	15,0	1,14	
35	UCF207	117	92	19	15	34	14	44,4	42,9	17,5	M12	UC207D1	28,4	15,3	1,09	
	UCFX07	130	102	21	14	38	16	51,2	49,2	19	M14	UCX07D1	32,5	17,8	1,24	
	UCF307	135	100	20	16	36	19	49	48	19	M16	UC307D1	37,0	19,1	1,47	
40	UCF208	130	102	21	15	36	16	51,2	49,2	19	M14	UC208D1	32,5	17,8	1,24	
	UCFX08	137	105	22	14	40	19	52,2	49,2	19	M16	UCX08D1	36,0	20,4	1,60	
	UCF308	150	112	23	17	40	19	56	52	19	M16	UC308D1	45,0	24,0	1,83	
45	UCF209	137	105	22	16	38	16	52,2	49,2	19	M14	UC209D1	36,0	20,4	1,60	
	UCFX09	143	111	23	14	40	19	55,6	51,6	19	M16	UCX09D1	39,0	23,2	1,82	
	UCF309	160	125	25	18	44	19	60	57	22	M16	UC309D1	58,5	32,0	2,50	
50	UCF210	143	111	22	16	40	16	54,6	51,6	19	M14	UC210D1	39,0	23,2	1,82	
	UCFX10	162	130	26	20	44	19	59,4	55,6	22,2	M16	UCX10D1	48,0	29,2	2,29	
	UCF310	175	132	28	19	48	23	67	61	22	M20	UC310D1	68,5	38,5	2,99	
55	UCF211	162	130	25	18	43	19	58,4	55,6	22,2	M16	UC211D1	48,0	29,2	2,29	
	UCFX11	175	143	29	20	49	19	68,7	65,1	25,4	M16	UCX11D1	58,0	36,0	2,83	
	UCF311	185	140	30	20	52	23	71	66	25	M20	UC311D1	79,5	45,0	3,50	
60	UCF212	175	143	29	18	48	19	68,7	65,1	25,4	M16	UC212D1	58,0	36,0	2,83	
	UCFX12	187	149	34	21	59	19	73,7	65,1	25,4	M16	UCX12D1	63,5	40,0	3,15	
	UCF312	195	150	33	22	56	23	78	71	26	M20	UC312D1	90,5	52,0	4,10	

- 1) Spherical graphite cast iron bearings are also available based on request. In this case, a supplementary suffix "N1" is added after the unit number. Example: UCF210N1
 2) The unit numbers indicate the oil-free type, and supplementary suffix "D1" is added after the number for the oil feeding type.

Bearing Units

NTN



Standard housing number	Number of unit with steel cover		Number of unit with cast iron cover		Dimensions mm					Unit mass (approx.) kg		
	Rubber sealed cover	Closing cover	Rubber sealed cover	Closing cover	t ₁	t ₂	A ₄	A ₅		Standard	With steel cover	With cast iron cover
F204	S-UCF201	SM-UCF201	C-UCF201	CM-UCF201	5	8	40.5	46		0.6	0.6	0.8
F204	S-UCF202	SM-UCF202	C-UCF202	CM-UCF202	5	8	40.5	46		0.6	0.6	0.8
F204	S-UCF203	SM-UCF203	C-UCF203	CM-UCF203	5	8	40.5	46		0.6	0.6	0.8
F204	S-UCF204	SM-UCF204	C-UCF204	CM-UCF204	5	8	40.5	46		0.6	0.6	0.7
F205	S-UCF205	SM-UCF205	C-UCF205	CM-UCF205	7	11	44.5	51		0.8	0.8	0.9
FX05	—	—	C-UCFX05	CM-UCFX05	7	11	49	56		1.1	1.2	1.3
F305	—	—	C-UCF305	CM-UCF305	—	12	—	56		1.1	—	1.4
F206	S-UCF206	SM-UCF206	C-UCF206	CM-UCF206	7	11	49	56		1.1	1.1	1.3
FX06	—	—	C-UCFX06	CM-UCFX06	8	10	55	59		1.6	1.8	1.9
F306	—	—	C-UCF306	CM-UCF306	—	11	—	60		1.6	—	2.1
F207	S-UCF207	SM-UCF207	C-UCF207	CM-UCF207	8	10	55	59		1.5	1.5	1.8
FX07	S-UCFX07	SM-UCFX07	C-UCFX07	CM-UCFX07	8	9	62	66		2.1	2.2	2.5
F307	—	—	C-UCF307	CM-UCF307	—	14	—	68		2.1	—	2.6
F208	S-UCF208	SM-UCF208	C-UCF208	CM-UCF208	8	9	62	66		1.7	1.8	2.2
FX08	S-UCFX08	SM-UCFX08	C-UCFX08	CM-UCFX08	8	12	63	70		2.3	2.4	2.7
F308	—	—	C-UCF308	CM-UCF308	—	14	—	76		2.7	—	3.4
F209	S-UCF209	SM-UCF209	C-UCF209	CM-UCF209	8	12	63	70		2.1	2.2	2.6
FX09	S-UCFX09	SM-UCFX09	C-UCFX09	CM-UCFX09	7	12	65.5	73		2.5	2.6	3
F309	—	—	C-UCF309	CM-UCF309	—	14	—	80		3.4	—	4.3
F210	S-UCF210	SM-UCF210	C-UCF210	CM-UCF210	8	12	65.5	72		2.5	2.5	3
FX10	S-UCFX10	SM-UCFX10	C-UCFX10	CM-UCFX10	9	11	71	76		3.8	3.9	4.3
F310	—	—	C-UCF310	CM-UCF310	—	15	—	88		4.5	—	5.8
F211	S-UCF211	SM-UCF211	C-UCF211	CM-UCF211	10	11	71	75		3.3	3.4	4
FX11	S-UCFX11	SM-UCFX11	C-UCFX11	CM-UCFX11	8	12	80	86		4.8	5	5.5
F311	—	—	C-UCF311	CM-UCF311	—	15	—	92		5.3	—	6.7
F212	S-UCF212	SM-UCF212	C-UCF212	CM-UCF212	8	12	80	86		3.9	4.1	4.8
FX12	S-UCFX12	SM-UCFX12	C-UCFX12	CM-UCFX12	7	15	83.5	94		6.4	6.6	7.3
F312	—	—	C-UCF312	CM-UCF312	—	16	—	100		6.3	—	7.8