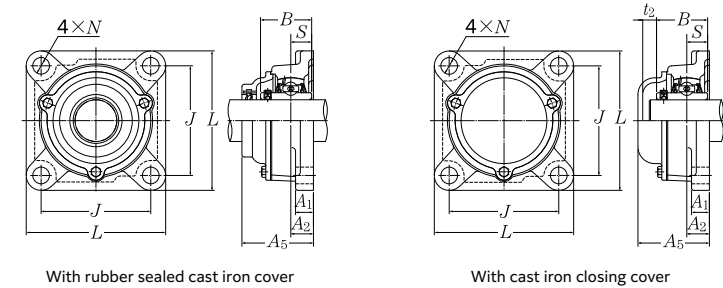
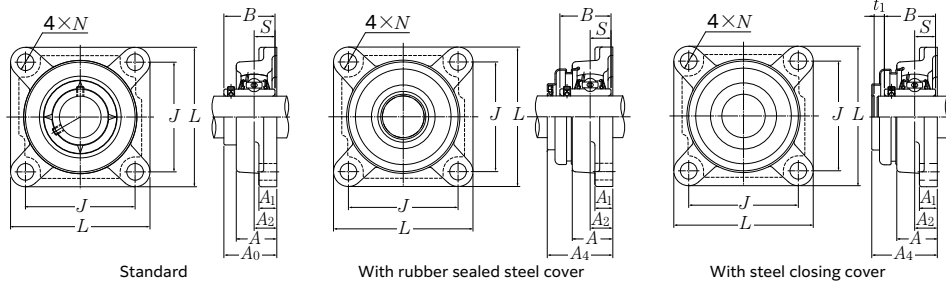


Cast iron square flanged unit UCF type / cylindrical bore type, setscrew type



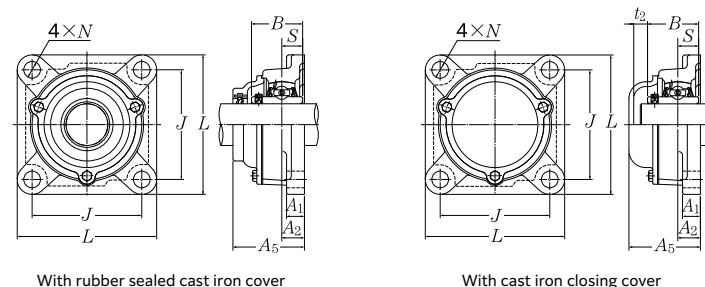
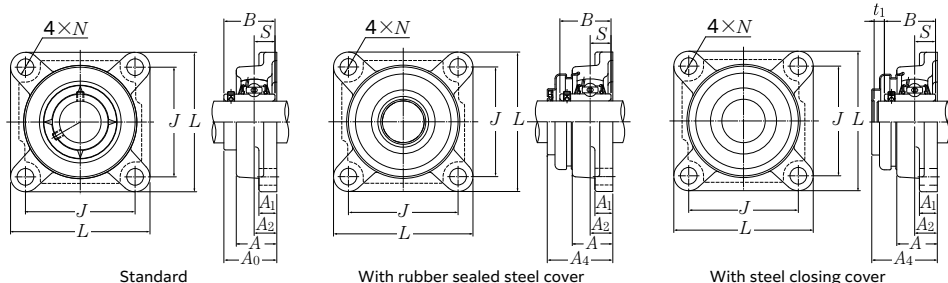
Shaft diameter: 12 to 60 mm

Shaft dia. mm	Unit number <sup>(1)(2)</sup>	Dimensions mm									Fixing bolt	Number	Bearing		
		L	J	A <sub>2</sub>	A <sub>1</sub>	A	N	A <sub>0</sub>	B	S			C <sub>r</sub>	Basic load rating static kN C <sub>0r</sub>	Fatigue load limit C <sub>u</sub>
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.

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 <sub>1</sub>	t <sub>2</sub>	A <sub>4</sub>	A <sub>5</sub>	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	

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



Shaft diameter: 65 to 140 mm

Shaft dia. mm	Unit number <sup>(1,2)</sup>	Dimensions mm									Fixing bolt	Number	Bearing		
		L	J	A <sub>2</sub>	A <sub>1</sub>	A	N	A <sub>0</sub>	B	S			C <sub>r</sub>	C <sub>0r</sub>	C <sub>u</sub>
65	UCF213	187	149	30	22	50	19	69.7	65.1	25.4	M16	UC213D1	63.5	40.0	3.15
	UCFX13	187	149	34	21	59	19	78.4	74.6	30.2	M16	UCX13D1	69.0	44.0	3.45
	UCF313	208	166	33	22	58	23	78	75	30	M20	UC313D1	103	60.0	4.60
70	UCF214	193	152	31	22	54	19	75.4	74.6	30.2	M16	UC214D1	69.0	44.0	3.45
	UCFX14	197	152	37	24	60	23	81.5	77.8	33.3	M20	UCX14D1	73.5	49.5	3.80
	UCF314	226	178	36	25	61	25	81	78	33	M22	UC314D1	115	68.0	5.10
75	UCF215	200	159	34	22	56	19	78.5	77.8	33.3	M16	UC215D1	73.5	49.5	3.80
	UCFX15	197	152	40	24	68	23	89.3	82.6	33.3	M20	UCX15D1	80.5	53.0	3.95
	UCF315	236	184	39	25	66	25	89	82	32	M22	UC315D1	126	77.0	5.55
80	UCF216	208	165	34	22	58	23	83.3	82.6	33.3	M20	UC216D1	80.5	53.0	3.95
	UCFX16	214	171	40	24	70	23	91.6	85.7	34.1	M20	UCX16D1	92.0	64.0	4.60
	UCF316	250	196	38	27	68	31	90	86	34	M27	UC316D1	136	86.5	6.05
85	UCF217	220	175	36	24	63	23	87.6	85.7	34.1	M20	UC217D1	92.0	64.0	4.60
	UCFX17	214	171	40	24	70	23	96.3	96	39.7	M20	UCX17D1	106	71.5	5.00
	UCF317	260	204	44	27	74	31	100	96	40	M27	UC317D1	147	97.0	6.55
90	UCF218	235	187	40	24	68	23	96.3	96	39.7	M20	UC218D1	106	71.5	5.00
	UCFX18	214	171	45	24	76	23	106.1	104	42.9	M20	UCX18D1	121	82.0	5.55
	UCF318	280	216	44	30	76	35	100	96	40	M30	UC318D1	158	107	7.10
95	UCF319	290	228	59	30	94	35	121	103	41	M30	UC319D1	169	119	7.65
100	UCFX20	268	211	59 <sup>3)</sup>	31	97	31	127.3	117.5	49.2	M27	UCX20D1	147	105	6.75
	UCF320	310	242	59	32	94	38	125	108	42	M33	UC320D1	192	141	8.75
105	UCF321	310	242	59	32	94	38	127	112	44	M33	UC321D1	204	153	9.35
110	UCF322	340	266	60	35	96	41	131	117	46	M36	UC322D1	227	179	10.5
120	UCF324	370	290	65	40	110	41	140	126	51	M36	UC324D1	229	185	10.5
130	UCF326	410	320	65	45	115	41	146	135	54	M36	UC326D1	254	214	11.7
140	UCF328	450	350	75	55	125	41	161	145	59	M36	UC328D1	280	246	13.0

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: UCF320N1  
 2) The unit numbers indicate the oil-free type, and supplementary suffix "D1" is added after the number for the oil feeding type.  
 3) Dimension A<sub>2</sub> becomes 49 in the case of a unit with a cast iron cover.

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 <sub>1</sub>	t <sub>2</sub>	A <sub>4</sub>	A <sub>5</sub>	Standard	With steel cover	With cast iron cover	
F213	<b>S-UCF213</b>	<b>SM-UCF213</b>	<b>C-UCF213</b>	<b>CM-UCF213</b>	11	15	83.5	90	5.5	5.6	6.4	
FX13	-	-	<b>C-UCFX13</b>	<b>CM-UCFX13</b>	-	16	-	101	6.6	-	7.8	
F313	-	-	<b>C-UCF313</b>	<b>CM-UCF313</b>	-	19	-	103	8	-	9.7	
F214	-	-	<b>C-UCF214</b>	<b>CM-UCF214</b>	-	16	-	98	6.3	-	7.4	
FX14	-	-	<b>C-UCFX14</b>	<b>CM-UCFX14</b>	-	17	-	105	7.1	-	8.3	
F314	-	-	<b>C-UCF314</b>	<b>CM-UCF314</b>	-	19	-	106	9.4	-	11	
F215	-	-	<b>C-UCF215</b>	<b>CM-UCF215</b>	-	17	-	102	6.6	-	7.8	
FX15	-	-	<b>C-UCFX15</b>	<b>CM-UCFX15</b>	-	16	-	112	8.6	-	9.9	
F315	-	-	<b>C-UCF315</b>	<b>CM-UCF315</b>	-	19	-	114	11	-	13	
F216	-	-	<b>C-UCF216</b>	<b>CM-UCF216</b>	-	16	-	106	7.9	-	9.2	
FX16	-	-	<b>C-UCFX16</b>	<b>CM-UCFX16</b>	-	20	-	118	11	-	12	
F316	-	-	<b>C-UCF316</b>	<b>CM-UCF316</b>	-	19	-	116	14	-	16	
F217	-	-	<b>C-UCF217</b>	<b>CM-UCF217</b>	-	20	-	114	9.8	-	12	
FX17	-	-	<b>C-UCFX17</b>	<b>CM-UCFX17</b>	-	19	-	122	12	-	14	
F317	-	-	<b>C-UCF317</b>	<b>CM-UCF317</b>	-	21	-	129	15	-	19	
F218	-	-	<b>C-UCF218</b>	<b>CM-UCF218</b>	-	19	-	122	12	-	13	
FX18	-	-	<b>C-UCFX18</b>	<b>CM-UCFX18</b>	-	22	-	135	13	-	15	
F318	-	-	<b>C-UCF318</b>	<b>CM-UCF318</b>	-	21	-	129	19	-	23	
F319	-	-	<b>C-UCF319</b>	<b>CM-UCF319</b>	-	20	-	149	22	-	25	
FX20	-	-	<b>C-UCFX20</b>	<b>CM-UCFX20</b>	-	23	-	146.5	21	-	23	
F320	-	-	<b>C-UCF320</b>	<b>CM-UCF320</b>	-	20	-	154	27	-	32	
F321	-	-	<b>C-UCF321</b>	<b>CM-UCF321</b>	-	20	-	156	26	-	32	
F322	-	-	<b>C-UCF322</b>	<b>CM-UCF322</b>	-	20	-	160	34	-	40	
F324	-	-	<b>C-UCF324</b>	<b>CM-UCF324</b>	-	22	-	172	48	-	56	
F326	-	-	<b>C-UCF326</b>	<b>CM-UCF326</b>	-	22	-	178	63	-	73	
F328	-	-	<b>C-UCF328</b>	<b>CM-UCF328</b>	-	21	-	192	90	-	100	