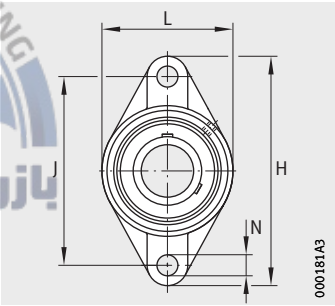


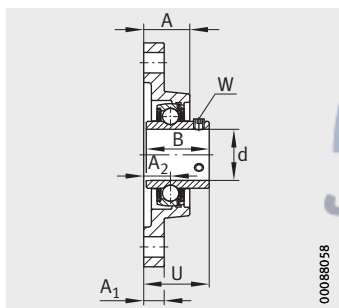
Two-bolt flanged housing units

Oval version
With grub screws in inner ring



UCFL

Dimension table · Dimensions in mm and inch								
Designation			Mass m ≈ kg	Dimensions				
Unit	Housing	Radial insert ball bearing						
				d		H	J	L
mm	inch							
UCFL201	FL204	UC201	0,47	12	–	113	90	60
UCFL201-08	FL204	UC201-08	0,47	12,7	1/2	113	90	60
UCFL202-09	FL204	UC202-09	0,46	14,288	9/16	113	90	60
UCFL202	FL204	UC202	0,46	15	–	113	90	60
UCFL202-10	FL204	UC202-10	0,45	15,875	5/8	113	90	60
UCFL203	FL204	UC203	0,44	17	–	113	90	60
UCFL203-11	FL204	UC203-11	0,44	17,463	11/16	113	90	60
UCFL204-12	FL204	UC204-12	0,43	19,05	3/4	113	90	60
UCFL204	FL204	UC204	0,42	20	–	113	90	60
UCFL205-13	FL205	UC205-13	0,68	20,638	13/16	130	99	68
UCFL205-14	FL205	UC205-14	0,67	22,225	7/8	130	99	68
UCFL205-15	FL205	UC205-15	0,65	23,813	15/16	130	99	68
UCFL205	FL205	UC205	0,64	25	–	130	99	68
UCFL205-16	FL205	UC205-16	0,64	25,4	1	130	99	68
UCFL206-17	FL206	UC206-17	0,92	26,988	11/16	148	117	80
UCFL206-18	FL206	UC206-18	0,9	28,575	11/8	148	117	80
UCFL206	FL206	UC206	0,88	30	–	148	117	80
UCFL206-19	FL206	UC206-19	0,88	30,163	13/16	148	117	80
UCFL206-20	FL206	UC206-20	0,85	31,75	11/4	148	117	80
UCFL207-20	FL207	UC207-20	1,27	31,75	11/4	161	130	90
UCFL207-21	FL207	UC207-21	1,24	33,338	15/16	161	130	90
UCFL207-22	FL207	UC207-22	1,21	34,925	13/8	161	130	90
UCFL207	FL207	UC207	1,21	35	–	161	130	90
UCFL207-23	FL207	UC207-23	1,18	36,513	17/16	161	130	90
UCFL208-24	FL208	UC208-24	1,53	38,1	11/2	175	144	100
UCFL208-25	FL208	UC208-25	1,49	39,688	19/16	175	144	100
UCFL208	FL208	UC208	1,48	40	–	175	144	100

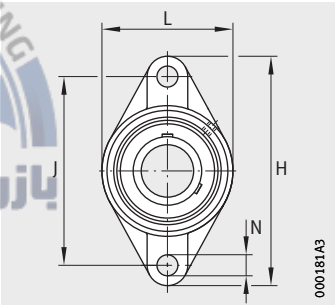


UCFL

A						Width across flats W		Load carrying capacity Bearing		
								Basic load ratings		Fatigue limit load C _{ur}
								dyn. C _r N	stat. C _{0r} N	
A ₁	A ₂	N	B	U	mm	inch				N
25,5	12	15	12	31	33,3	3	—	13 600	6 600	335
25,5	12	15	12	31	33,3	—	1/8	13 600	6 600	335
25,5	12	15	12	31	33,3	—	1/8	13 600	6 600	335
25,5	12	15	12	31	33,3	3	—	13 600	6 600	335
25,5	12	15	12	31	33,3	—	1/8	13 600	6 600	335
25,5	12	15	12	31	33,3	3	—	13 600	6 600	335
25,5	12	15	12	31	33,3	—	1/8	13 600	6 600	335
25,5	12	15	12	31	33,3	—	1/8	13 600	6 600	335
25,5	12	15	12	31	33,3	3	—	13 600	6 600	335
27	15	16	16	34,1	35,8	—	1/8	14 900	7 800	395
27	15	16	16	34,1	35,8	—	1/8	14 900	7 800	395
27	15	16	16	34,1	35,8	—	1/8	14 900	7 800	395
27	15	16	16	34,1	35,8	3	—	14 900	7 800	395
27	15	16	16	34,1	35,8	—	1/8	14 900	7 800	395
31	14	18	16	38,1	40,2	—	1/8	20 700	11 300	570
31	14	18	16	38,1	40,2	—	1/8	20 700	11 300	570
31	14	18	16	38,1	40,2	3	—	20 700	11 300	570
31	14	18	16	38,1	40,2	—	1/8	20 700	11 300	570
31	14	18	16	38,1	40,2	—	1/8	20 700	11 300	570
34	16	19	16	42,9	44,4	—	5/32	27 500	15 300	770
34	16	19	16	42,9	44,4	—	5/32	27 500	15 300	770
34	16	19	16	42,9	44,4	—	5/32	27 500	15 300	770
34	16	19	16	42,9	44,4	4	—	27 500	15 300	770
34	16	19	16	42,9	44,4	—	5/32	27 500	15 300	770
36	16	21	16	49,2	51,2	—	5/32	34 500	19 800	1010
36	16	21	16	49,2	51,2	—	5/32	34 500	19 800	1010
36	16	21	16	49,2	51,2	4	—	34 500	19 800	1010

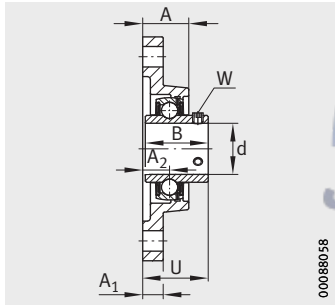
Two-bolt flanged housing units

Oval version
With grub screws in inner ring



UCFL

Dimension table (continued) · Dimensions in mm and inch								
Designation			Mass m ≈ kg	Dimensions				
Unit	Housing	Radial insert ball bearing		d		H	J	L
				mm	inch			
UCFL209-26	FL209	UC209-26	2,05	41,275	1 ⁵ / ₈	188	148	108
UCFL209-27	FL209	UC209-27	2,01	42,863	1 ¹¹ / ₁₆	188	148	108
UCFL209-28	FL209	UC209-28	1,97	44,45	1 ³ / ₄	188	148	108
UCFL209	FL209	UC209	1,95	45	–	188	148	108
UCFL210-29	FL210	UC210-29	2,34	46,038	1 ¹³ / ₁₆	197	157	115
UCFL210-30	FL210	UC210-30	2,3	47,625	1 ⁷ / ₈	197	157	115
UCFL210-31	FL210	UC210-31	2,25	49,213	1 ¹⁵ / ₁₆	197	157	115
UCFL210	FL210	UC210	2,23	50	–	197	157	115
UCFL210-32	FL210	UC210-32	2,2	50,8	2	197	157	115
UCFL211-32	FL211	UC211-32	3,02	50,8	2	224	184	130
UCFL211-33	FL211	UC211-33	2,96	52,388	2 ¹ / ₁₆	224	184	130
UCFL211-34	FL211	UC211-34	2,91	53,975	2 ¹ / ₈	224	184	130
UCFL211	FL211	UC211	2,87	55	–	224	184	130
UCFL211-35	FL211	UC211-35	2,85	55,563	2 ³ / ₁₆	224	184	130
UCFL212-36	FL212	UC212-36	4,1	57,15	2 ¹ / ₄	250	202	140
UCFL212-37	FL212	UC212-37	4,02	58,738	2 ⁵ / ₁₆	250	202	140
UCFL212	FL212	UC212	3,96	60	–	250	202	140
UCFL212-38	FL212	UC212-38	3,95	60,325	2 ³ / ₈	250	202	140
UCFL212-39	FL212	UC212-39	3,87	61,913	2 ⁷ / ₁₆	250	202	140
UCFL213-40	FL213	UC213-40	4,78	63,5	2 ¹ / ₂	258	210	155
UCFL213	FL213	UC213	4,69	65	–	258	210	155
UCFL213-41	FL213	UC213-41	4,68	65,088	2 ⁹ / ₁₆	258	210	155

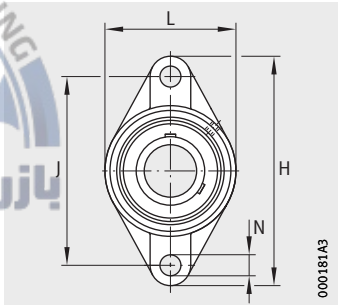


UCFL

						Width across flats		Load carrying capacity		
								Bearing		Fatigue limit load
						Basic load ratings		C _{ur}		
A	A ₁	A ₂	N	B	U	W			dyn. C _r	stat. C _{0r}
						mm	inch	N	N	
38	18	22	19	49,2	52,2	–	5/32	34 500	20 400	1 030
38	18	22	19	49,2	52,2	–	5/32	34 500	20 400	1 030
38	18	22	19	49,2	52,2	–	5/32	34 500	20 400	1 030
38	18	22	19	49,2	52,2	4	–	34 500	20 400	1 030
40	18	22	19	51,6	54,6	–	3/16	37 500	23 200	1 180
40	18	22	19	51,6	54,6	–	3/16	37 500	23 200	1 180
40	18	22	19	51,6	54,6	–	3/16	37 500	23 200	1 180
40	18	22	19	51,6	54,6	5	–	37 500	23 200	1 180
40	18	22	19	51,6	54,6	–	3/16	37 500	23 200	1 180
43	20	25	19	55,6	58,4	–	3/16	46 000	29 000	1 480
43	20	25	19	55,6	58,4	–	3/16	46 000	29 000	1 480
43	20	25	19	55,6	58,4	–	3/16	46 000	29 000	1 480
43	20	25	19	55,6	58,4	5	–	46 000	29 000	1 480
43	20	25	19	55,6	58,4	–	3/16	46 000	29 000	1 480
48	20	29	23	65,1	68,7	–	3/16	56 000	36 000	1 820
48	20	29	23	65,1	68,7	–	3/16	56 000	36 000	1 820
48	20	29	23	65,1	68,7	5	–	56 000	36 000	1 820
48	20	29	23	65,1	68,7	–	3/16	56 000	36 000	1 820
48	20	29	23	65,1	68,7	–	3/16	56 000	36 000	1 820
50	24	30	23	65,1	69,7	–	1/4	61 000	40 000	2 030
50	24	30	23	65,1	69,7	6	–	61 000	40 000	2 030
50	24	30	23	65,1	69,7	–	1/4	61 000	40 000	2 030

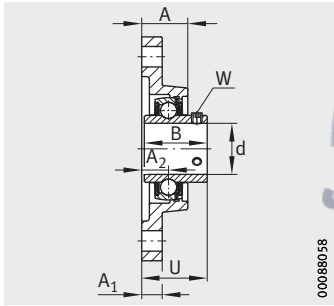
Two-bolt flanged housing units

Oval version
With grub screws in inner ring



UCFL

Dimension table (continued) · Dimensions in mm and inch								
Designation			Mass m ≈ kg	Dimensions				
Unit	Housing	Radial insert ball bearing		d		H	J	L
				mm	inch			
UCFL214-42	FL214	UC214-42	5,45	66,675	2 ⁵ / ₈	265	216	160
UCFL214-43	FL214	UC214-43	5,35	68,263	2 ¹¹ / ₁₆	265	216	160
UCFL214-44	FL214	UC214-44	5,25	69,85	2 ³ / ₄	265	216	160
UCFL214	FL214	UC214	5,25	70	–	265	216	160
UCFL215-45	FL215	UC215-45	5,94	71,438	2 ¹³ / ₁₆	275	225	165
UCFL215-46	FL215	UC215-46	5,82	73,025	2 ⁷ / ₈	275	225	165
UCFL215-47	FL215	UC215-47	5,72	74,613	2 ¹⁵ / ₁₆	275	225	165
UCFL215	FL215	UC215	5,69	75	–	275	225	165
UCFL215-48	FL215	UC215-48	5,61	76,2	3	275	225	165
UCFL216-49	FL216	UC216-49	7,41	77,788	3 ¹ / ₁₆	290	233	180
UCFL216-50	FL216	UC216-50	7,29	79,375	3 ¹ / ₈	290	233	180
UCFL216	FL216	UC216	7,24	80	–	290	233	180
UCFL216-51	FL216	UC216-51	7,16	80,963	3 ³ / ₁₆	290	233	180
UCFL217-52	FL217	UC217-52	9,01	82,55	3 ¹ / ₄	305	248	190
UCFL217-53	FL217	UC217-53	8,85	84,138	3 ⁵ / ₁₆	305	248	190
UCFL217	FL217	UC217	8,77	85	–	305	248	190
UCFL217-55	FL217	UC217-55	8,54	87,313	3 ⁷ / ₁₆	305	248	190
UCFL218-56	FL218	UC218-56	10,51	88,9	3 ¹ / ₂	320	265	205
UCFL218	FL218	UC218	10,4	90	–	320	265	205



UCFL

						Width across flats		Load carrying capacity			
								Bearing		Fatigue limit load	
								Basic load ratings			
A	A ₁	A ₂	N	B	U	W		dyn. C _r	stat. C _{0r}	C _{ur}	
						mm	inch	N	N		N
54	24	31	23	74,6	75,4	–	1/4	66 000	44 000	2 230	
54	24	31	23	74,6	75,4	–	1/4	66 000	44 000	2 230	
54	24	31	23	74,6	75,4	–	1/4	66 000	44 000	2 230	
54	24	31	23	74,6	75,4	6	–	66 000	44 000	2 230	
56	24	34	23	77,8	78,5	–	1/4	66 000	44 500	2 240	
56	24	34	23	77,8	78,5	–	1/4	66 000	44 500	2 240	
56	24	34	23	77,8	78,5	–	1/4	66 000	44 500	2 240	
56	24	34	23	77,8	78,5	6	–	66 000	44 500	2 240	
56	24	34	23	77,8	78,5	–	1/4	66 000	44 500	2 240	
58	24	34	25	82,6	83,3	–	1/4	76 000	54 000	2 600	
58	24	34	25	82,6	83,3	–	1/4	76 000	54 000	2 600	
58	24	34	25	82,6	83,3	6	–	76 000	54 000	2 600	
58	24	34	25	82,6	83,3	–	1/4	76 000	54 000	2 600	
63	26	36	25	85,7	87,6	–	1/4	88 000	64 000	2 950	
63	26	36	25	85,7	87,6	–	1/4	88 000	64 000	2 950	
63	26	36	25	85,7	87,6	6	–	88 000	64 000	2 950	
63	26	36	25	85,7	87,6	–	1/4	88 000	64 000	2 950	
68	26	40	25	96	96,3	–	1/4	102 000	72 000	3 250	
68	26	40	25	96	96,3	6	–	102 000	72 000	3 250	

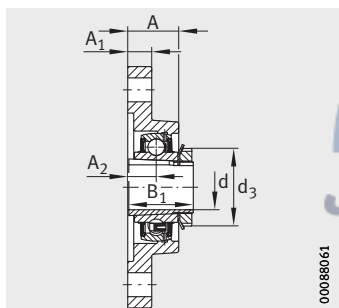
Two-bolt flanged housing units

Oval version
With adapter sleeve



UKFL

Dimension table · Dimensions in mm							
Designation			Mass	Dimensions			
Unit	Housing	Radial insert ball bearing		d	H	J	L
			m ≈ kg				
UKFL205	FL205	UK205	0,69	20	130	99	68
UKFL206	FL206	UK206	0,94	25	148	117	80
UKFL207	FL207	UK207	1,29	30	161	130	90
UKFL208	FL208	UK208	1,56	35	175	144	100
UKFL209	FL209	UK209	2,08	40	188	148	108
UKFL210	FL210	UK210	2,4	45	197	157	115
UKFL211	FL211	UK211	3,04	50	224	184	130
UKFL212	FL212	UK212	4,05	55	250	202	140
UKFL213	FL213	UK213	4,84	60	258	210	155
UKFL215	FL215	UK215	6,14	65	275	225	165
UKFL216	FL216	UK216	7,74	70	290	233	180
UKFL217	FL217	UK217	9,02	75	305	248	190
UKFL218	FL218	UK218	10,91	80	320	265	205



UKFL

						Load carrying capacity Bearing		
						Basic load ratings		Fatigue limit load
A	A ₁	A ₂	N	B ₁	d ₃ max.	dyn. C _r N	stat. C _{0r} N	C _{ur} N
27	15	16	16	35	38	14 900	7 800	395
31	14	18	16	38	45	20 700	11 300	570
34	16	19	16	43	52	27 500	15 300	770
36	16	21	16	46	58	34 500	19 800	1 010
38	18	22	19	50	65	34 500	20 400	1 030
40	18	22	19	55	70	37 500	23 200	1 180
43	20	25	19	59	75	46 000	29 000	1 480
48	20	29	23	62	80	56 000	36 000	1 820
50	24	30	23	65	85	61 000	40 000	2 030
56	24	34	23	73	98	66 000	44 500	2 240
58	24	34	25	78	105	76 000	54 000	2 600
63	26	36	25	82	110	88 000	64 000	2 950
68	26	40	25	86	120	102 000	72 000	3 250