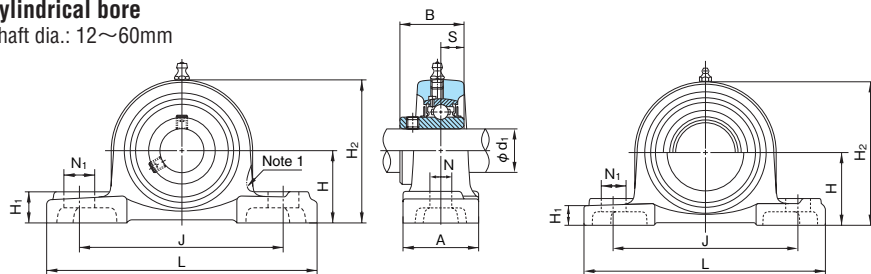


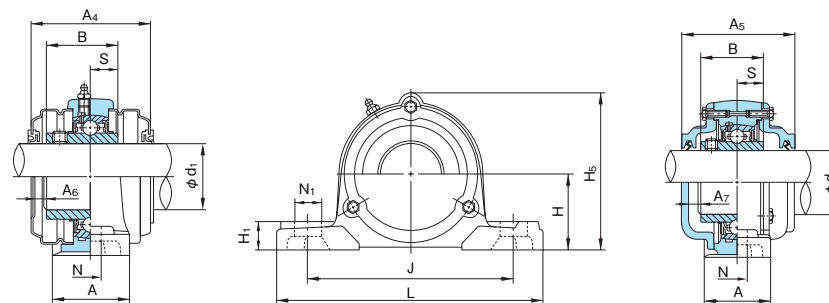
**■ Pillow Block Units**

**UCP type**  
**With set screws**  
**Cylindrical bore**  
 Shaft dia.: 12~60mm



Note: The line shows figure of UCPX00 series

With steel covers



With cast covers

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)															Bolt size	Bearings			Housing No.	Unit No. with steel covers	Unit No. with cast covers	Mass of Unit (kg)				
		H	L	A	J	N	N <sub>1</sub>	H <sub>1</sub>	H <sub>2</sub>	H <sub>5</sub>	B	S	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>		No.	Basic load rating (N)					Covers with rubber seal (End cover on one side)	Covers with rubber seal (End cover on one side)	standard	with steel cover	with cast covers
		Cr	Cor																									
12	UCP201	30.2	127	38	95	13	19	15	62	66	31	12.7	56	62	8	6	M10	UC201	12800	6600	P203	UCP201C(E)	CUCP201C(CE)	0.65	0.71	1.1		
15	UCP202	30.2	127	38	95	13	19	15	62	66	31	12.7	56	62	8	6	M10	UC202	12800	6600	P203	UCP202C(E)	CUCP202C(CE)	0.63	0.69	1.1		
17	UCP203	30.2	127	38	95	13	19	15	62	66	31	12.7	56	62	8	6	M10	UC203	12800	6600	P203	UCP203C(E)	CUCP203C(CE)	0.62	0.68	1.1		
20	UCP204	33.3	127	38	95	13	19	15	65	69	31	12.7	56	62	8	6	M10	UC204	12800	6600	P204	UCP204C(E)	CUCP204C(CE)	0.65	0.71	1.1		
25	UCP205	36.5	140	38	105	13	16	16	70	76	34	14.3	63	70	11	9	M10	UC205	14000	7900	P205	UCP205C(E)	CUCP205C(CE)	0.79	0.86	1.4		
	UCPX05	44.4	159	51	119	17	25	18	85	—	38.1	15.9	65	—	9	—	M14	UCX05	19600	11300	PX05	UCPX05C(E)	—	1.5	1.5	—		
	UCP305	45	175	45	132	17	20	16	84	89	38	15	—	78	—	10	M14	UC305	21300	10900	P305	—	CUCP305C(CE)	1.6	—	2.1		
30	UCP206	42.9	165	48	121	17	21	18	83	87	38.1	15.9	65	74	9	8	M14	UC206	19600	11300	P206	UCP206C(E)	CUCP206C(CE)	1.3	1.4	2.0		
	UCPX06	47.6	175	57	127	17	25	20	94	—	42.9	17.5	70	—	8	—	M14	UCX06	25900	15400	PX06	UCPX06C(E)	—	1.9	1.9	—		
	UCP306	50	180	50	140	17	20	19	94	99	43	17	—	84	—	10	M14	UC306	26800	15000	P306	—	CUCP306C(CE)	1.9	—	2.6		
35	UCP207	47.6	167	48	127	17	21	19	94	97	42.9	17.5	70	80	8	8	M14	UC207	25900	15400	P207	UCP207C(E)	CUCP207C(CE)	1.6	1.7	2.5		
	UCPX07	54	203	57	144	17	30	22	105	—	49.2	19	83	—	10	—	M14	UCX07	29300	17900	PX07	UCPX07C(E)	—	2.7	2.7	—		
	UCP307	56	210	56	160	17	25	21	105	110	48	19	—	90	—	10	M14	UC307	33500	19200	P307	—	CUCP307C(CE)	2.7	—	3.4		
40	UCP208	49.2	184	54	137	17	25	19	100	104	49.2	19	82	90	10	8	M14	UC208	29300	17900	P208	UCP208C(E)	CUCP208C(CE)	2.0	2.2	3.0		
	UCPX08	58.7	222	67	156	20	32	26	113	—	49.2	19	82	—	10	—	M16	UCX08	33000	20500	PX08	UCPX08C(E)	—	3.5	3.5	—		
	UCP308	60	220	60	170	17	27	23	116	122	52	19	—	100	—	11	M14	UC308	40500	23900	P308	—	CUCP308C(CE)	3.3	—	4.4		
45	UCP209	54	190	54	146	17	22	20	108	114	49.2	19	82	90	10	8	M14	UC209	33000	20500	P209	UCP209C(E)	CUCP209C(CE)	2.3	2.5	3.4		
	UCPX09	58.7	222	67	156	20	33	26	116	—	51.6	19	87	—	9	—	M16	UCX09	35500	23200	PX09	UCPX09C(E)	—	3.5	3.6	—		
	UCP309	67	245	67	190	20	30	25	128	136	57	22	—	106	—	12	M16	UC309	51500	29500	P309	—	CUCP309C(CE)	4.5	—	5.8		
50	UCP210	57.2	206	60	159	20	25	22	114	120	51.6	19	87	98	9	10	M16	UC210	35500	23200	P210	UCP210C(E)	CUCP210C(CE)	2.7	3.0	4.1		
	UCPX10	63.5	241	73	171	20	36	27	126	—	55.6	22.2	88	—	9	—	M16	UCX10	43000	29400	PX10	UCPX10C(E)	—	4.2	4.5	—		
	UCP310	75	275	75	212	20	35	28	143	149	61	22	—	114	—	12	M16	UC310	61500	38200	P310	—	CUCP310C(CE)	6.2	—	7.6		
55	UCP211	63.5	219	60	171	20	25	22	126	133	55.6	22.2	88	100	9	10	M16	UC211	43000	29400	P211	UCP211C(E)	CUCP211C(CE)	3.3	3.7	5.0		
	UCPX11	69.8	260	79	184	25	36	30	139	—	65.1	25.4	100	—	9	—	M20	UCX11	52500	36100	PX11	UCPX11C(E)	—	5.9	6.2	—		
	UCP311	80	310	80	236	20	38	31	154	159	66	25	—	120	—	13	M16	UC311	71500	44800	P311	—	CUCP311C(CE)	7.7	—	9.6		
60	UCP212	69.8	241	70	184	20	25	25	138	145	65.1	25.4	102	114	10	11	M16	UC212	52500	36100	P212	UCP212C(E)	CUCP212C(CE)	4.7	5.1	6.7		
	UCPX12	76.2	286	83	203	25	41	32	151	—	65.1	25.4	104	—	11	—	M20	UCX12	57500	40000	PX12	UCPX12C(E)	—	7.2	7.4	—		
	UCP312	85	330	85	250	25	38	33	165	169	71	26	—	130	—	14	M20	UC312	81500	52000	P312	—	CUCP312C(CE)	9.3	—	11.0		

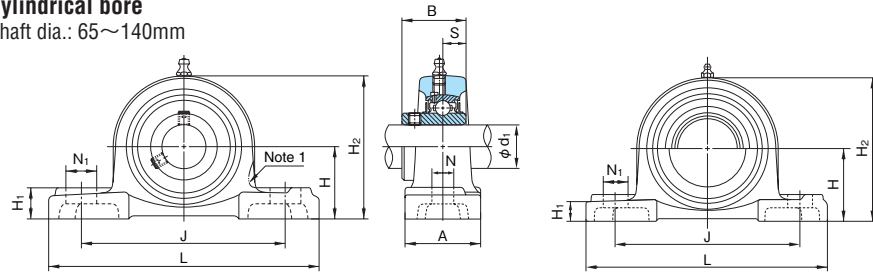
Remarks: 1. Grease nipple: 1/4-28UNF

Remarks: 2. Examples of unit numbers with covers:

- With steel cover { Covers with rubber seal on both sides :UCP210C
- { An end cover and a cover with rubber seal :UCP210E
- With cast covers { Covers with rubber seal on both sides :CUCP210C
- { An end cover and a cover with rubber seal :CUCP210CE

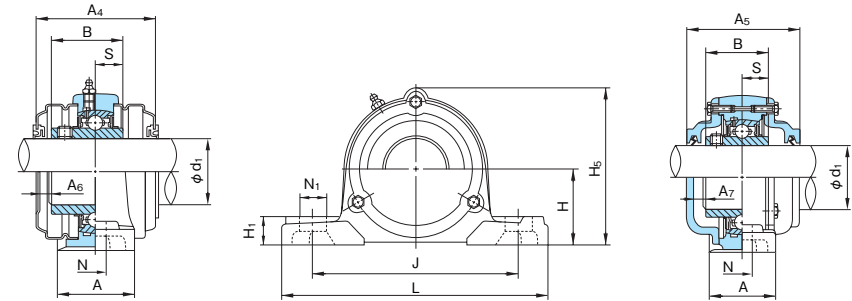
# Pillow Block Units

UCP type  
With set screws  
Cylindrical bore  
Shaft dia.: 65~140mm



Note: The line shows figure of UCPX00 series

With steel covers



With cast covers

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)															Bolt size	Bearings			Housing No.	Unit No. with steel covers	Unit No. with cast covers	Mass of Unit (kg)				
		H	L	A	J	N	N <sub>1</sub>	H <sub>1</sub>	H <sub>2</sub>	H <sub>5</sub>	B	S	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>		No.	Basic load rating (N)					Covers with rubber seal (End cover on one side)	Covers with rubber seal (End cover on one side)	standard	With steel cover	With cast covers
																			Cr	Cor								
65	UCP213	76.2	265	70	203	25	29	27	150	156	65.1	25.4	102	118	10	13	M20	UC213	57500	40000	P213	UCP213C(E)	CUCP213C(CE)	5.6	6.1	7.8		
	UCPX13	76.2	286	83	203	25	41	32	154	—	74.6	30.2	—	—	—	—	M20	UCX13	62000	44000	PX13	—	—	7.4	—	—		
	UCP313	90	340	90	260	25	38	36	174	188	75	30	—	140	—	17	M20	UC313	92500	59700	P313	—	CUCP313C(CE)	9.8	—	14.3		
70	UCP214	79.4	266	72	210	25	31	27	156	162	74.6	30.2	—	134	—	16	M20	UC214	62000	44000	P214	—	CUCP214C(CE)	7.3	—	9.3		
	UCPX14	88.9	330	89	229	27	51	35	172	—	77.8	33.3	—	—	—	—	M22	UCX14	66000	48200	PX14	—	—	11.1	—	—		
	UCP314	95	360	90	280	27	40	40	186	198	78	33	—	140	—	17	M22	UC314	104000	68000	P314	—	CUCP314C(CE)	11.4	—	16.7		
75	UCP215	82.6	275	74	217	25	31	28	163	167	77.8	33.3	—	136	—	17	M20	UC215	66000	48200	P215	—	CUCP215C(CE)	7.9	—	9.6		
	UCPX15	88.9	330	89	229	27	51	35	177	—	82.6	33.3	—	—	—	—	M22	UCX15	72500	53000	PX15	—	—	11.4	—	—		
	UCP315	100	380	100	290	27	40	40	197	208	82	32	—	150	—	17	M22	UC315	114000	76900	P315	—	CUCP315C(CE)	13.6	—	19.6		
80	UCP216	88.9	292	78	232	25	31	30	175	188	82.6	33.3	—	146	—	15	M20	UC216	72500	53000	P216	—	CUCP216C(CE)	10.0	—	12.2		
	UCPX16	101.6	381	102	283	27	59	42	197	—	85.7	34.1	—	—	—	—	M22	UCX16	83500	61800	PX16	—	—	17.4	—	—		
	UCP316	106	400	110	300	27	40	45	209	219	86	34	—	154	—	17	M22	UC316	123000	86400	P316	—	CUCP316C(CE)	16.4	—	23.5		
85	UCP217	95.2	310	83	247	25	31	32	187	199	85.7	34.1	—	150	—	15	M20	UC217	83500	61800	P217	—	CUCP217C(CE)	12.2	—	14.2		
	UCPX17	101.6	381	102	283	27	59	42	202	—	96	39.7	—	—	—	—	M22	UCX17	95500	71400	PX17	—	—	17.1	—	—		
	UCP317	112	420	110	320	33	45	45	221	234	96	40	—	164	—	18	M27	UC317	132000	96500	P317	—	CUCP317C(CE)	18.6	—	27.0		
90	UCP218	101.6	327	88	262	27	33	34	200	211	96	39.7	—	164	—	17	M22	UC218	95500	71400	P218	—	CUCP218C(CE)	14.7	—	18.2		
	UCPX18	101.6	381	111	283	27	60	45	206	—	104	42.9	—	—	—	—	M22	UCX18	109000	81600	PX18	—	—	17.0	—	—		
	UCP318	118	430	110	330	33	45	50	233	245	96	40	—	168	—	20	M27	UC318	143000	107200	P318	—	CUCP318C(CE)	20.9	—	30.4		
95	UCP319	125	470	120	360	36	50	50	250	257	103	41	—	180	—	20	M30	UC319	153000	118400	P319	—	CUCP319C(CE)	26.5	—	36.8		
	UCPX20	127	432	121	337	33	64	52	250	—	117.5	49.2	—	—	—	—	M27	UCX20	134000	104700	PX20	—	—	33.0	—	—		
	UCP320	140	490	120	380	36	50	55	275	282	108	42	—	190	—	21	M30	UC320	173000	140400	P320	—	CUCP320C(CE)	34.3	—	44.9		
105	UCP321	140	490	120	380	36	50	55	278	287	112	44	—	194	—	21	M30	UC321	183000	153100	P321	—	CUCP321C(CE)	36.6	—	45.2		
	UCP322	150	520	140	400	40	55	60	295	305	117	46	—	210	—	26	M33	UC322	205000	178800	P322	—	CUCP322C(CE)	42.5	—	54.7		
	UCP324	160	570	140	450	40	55	70	321	328	126	51	—	220	—	25	M33	UC324	207000	184800	P324	—	CUCP324C(CE)	53.5	—	73.8		
130	UCP326	180	600	140	480	40	55	80	354	358	135	54	—	230	—	24	M33	UC326	229000	214300	P326	—	CUCP326C(CE)	72.1	—	92.2		
	UCP328	200	620	140	500	40	55	80	388	388	145	59	—	240	—	24	M33	UC328	255000	246000	P328	—	CUCP328C(CE)	89.1	—	110		

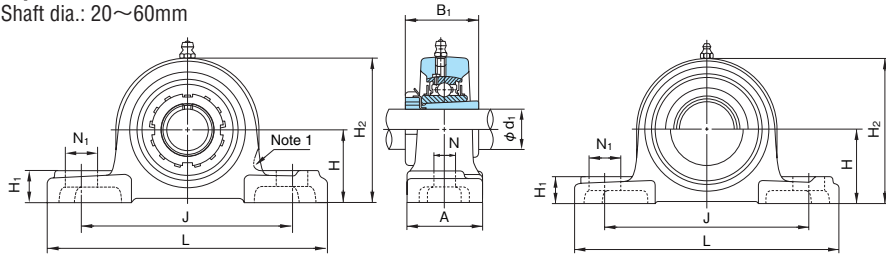
Remarks: 1. Grease nipple: 1/4-28UNF for bore number 13  
PF1/8 for bore number 14 and over

Remarks: 2. Examples of unit numbers with covers:

With steel cover { Covers with rubber seal on both sides :UCP213C  
An end cover and a cover with rubber seal :UCP213E  
With cast covers { Covers with rubber seal on both sides :CUCP213C  
An end cover and a cover with rubber seal :CUCP213CE

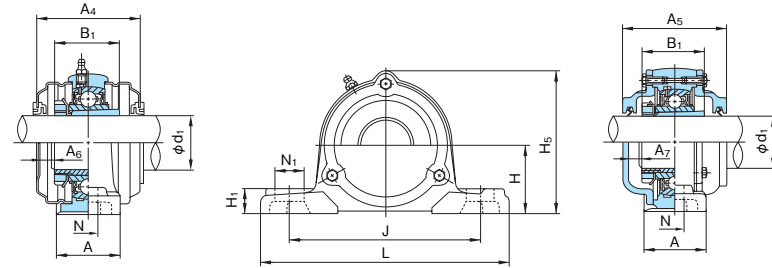
**Pillow Block Units**

**UKP+H type**  
**With adapter assembly**  
**Tapered bore**  
 Shaft dia.: 20~60mm



Note: The line shows figure of UCPX00 series

With steel cover



With cast covers

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)															Bolt size	Bearings		Housing No.	Unit No. with steel covers Covers with rubber seal (End cover on one side)	Unit No. with cast covers Covers with rubber seal (End cover on one side)	Mass of Unit (kg)		
		H	L	A	J	N	N <sub>1</sub>	H <sub>1</sub>	H <sub>2</sub>	H <sub>5</sub>	B <sub>1</sub>	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>	No.		Basic load rating (N)					standard	with steel cover	with cast covers
		Cr	Cor																						
20	UKP205+H2305	36.5	140	38	105	13	16	16	70	76	35	63	70	11	9	M10	UK205+H2305	14000	7900	P205	UKP205C(E)+H2305	CUKP205C(CE)+H2305	0.84	0.91	1.4
	UKPX05+H2305	44.4	159	51	119	17	25	18	85	—	35	65	—	10	—	M14	UKX05+H2305	19600	11300	PX05	UKPX05C(E)+H2305	—	1.5	1.5	—
	UKP305+H2305	45	175	45	132	17	20	16	84	89	35	—	78	—	12	M14	UK305+H2305	21300	10900	P305	—	CUKP305C(CE)+H2305	1.6	—	2.1
25	UKP206+H2306	42.9	165	48	121	17	21	18	83	87	38	65	74	10	10	M14	UK206+H2306	19600	11300	P206	UKP206C(E)+H2306	CUKP206C(CE)+H2306	1.4	1.5	2.1
	UKPX06+H2306	47.6	175	57	127	17	25	20	94	—	38	70	—	12	—	M14	UKX06+H2306	25900	15400	PX06	UKPX06C(E)+H2306	—	2.0	2.0	—
	UKP306+H2306	50	180	50	140	17	20	19	94	99	38	—	84	—	13	M14	UK306+H2306	26800	15000	P306	—	CUKP306C(CE)+H2306	1.9	—	2.6
30	UKP207+H2307	47.6	167	48	127	17	21	19	94	97	43	70	80	11	11	M14	UK207+H2307	25900	15400	P207	UKP207C(E)+H2307	CUKP207C(CE)+H2307	1.6	1.8	2.6
	UKPX07+H2307	54	203	57	144	17	30	22	105	—	43	83	—	17	—	M14	UKX07+H2307	29300	17900	PX07	UKPX07C(E)+H2307	—	2.7	2.7	—
	UKP307+H2307	56	210	56	160	17	25	21	105	110	43	—	90	—	14	M14	UK307+H2307	33500	19200	P307	—	CUKP307C(CE)+H2307	2.7	—	3.5
35	UKP208+H2308	49.2	184	54	137	17	25	19	100	104	46	82	90	15	14	M14	UK208+H2308	29300	17900	P208	UKP208C(E)+H2308	CUKP208C(CE)+H2308	2.1	2.3	3.1
	UKPX08+H2308	58.7	222	67	156	20	32	26	113	—	46	82	—	15	—	M16	UKX08+H2308	33000	20500	PX08	UKPX08C(E)+H2308	—	3.5	3.5	—
	UKP308+H2308	60	220	60	170	17	27	23	116	122	46	—	100	—	17	M14	UK308+H2308	40500	23900	P308	—	CUKP308C(CE)+H2308	3.0	—	4.4
40	UKP209+H2309	54	190	54	146	17	22	20	108	114	50	82	90	14	13	M14	UK209+H2309	33000	20500	P209	UKP209C(E)+H2309	CUKP209C(CE)+H2309	2.4	2.6	3.5
	UKPX09+H2309	58.7	222	67	156	20	33	26	116	—	50	87	—	16	—	M16	UKX09+H2309	35500	23200	PX09	UKPX09C(E)+H2309	—	3.5	3.6	—
	UKP309+H2309	67	245	67	190	20	30	25	128	136	50	—	106	—	17	M16	UK309+H2309	51500	29500	P309	—	CUKP309C(CE)+H2309	4.6	—	5.9
45	UKP210+H2310	57.2	206	60	159	20	25	22	114	120	55	87	98	15	15	M16	UK210+H2310	35500	23200	P210	UKP210C(E)+H2310	CUKP210C(CE)+H2310	2.8	3.2	4.2
	UKPX10+H2310	63.5	241	73	171	20	36	27	126	—	55	88	—	14	—	M16	UKX10+H2310	43000	29400	PX10	UKPX10C(E)+H2310	—	4.3	4.5	—
	UKP310+H2310	75	275	75	212	20	35	28	143	149	55	—	114	—	19	M16	UK310+H2310	61500	38200	P310	—	CUKP310C(CE)+H2310	6.2	—	7.8
50	UKP211+H2311	63.5	219	60	171	20	25	22	126	133	59	88	100	14	15	M16	UK211+H2311	43000	29400	P211	UKP211C(E)+H2311	CUKP211C(CE)+H2311	3.4	3.8	5.1
	UKPX11+H2311	69.8	260	79	184	25	36	30	139	—	59	100	—	19	—	M20	UKX11+H2311	52500	36100	PX11	UKPX11C(E)+H2311	—	5.8	6.0	—
	UKP311+H2311	80	310	80	236	20	38	31	154	159	59	—	120	—	20	M16	UK311+H2311	71500	44800	P311	—	CUKP311C(CE)+H2311	7.6	—	9.6
55	UKP212+H2312	69.8	241	70	184	20	25	25	138	145	62	102	114	19	20	M16	UK212+H2312	52500	36100	P212	UKP212C(E)+H2312	CUKP212C(CE)+H2312	4.8	5.2	6.8
	UKPX12+H2312	76.2	286	83	203	25	41	32	151	—	62	104	—	19	—	M20	UKX12+H2312	57500	40000	PX12	UKPX12C(E)+H2312	—	7.1	7.3	—
	UKP312+H2312	85	330	85	250	25	38	33	165	169	62	—	130	—	23	M20	UK312+H2312	81500	52000	P312	—	CUKP312C(CE)+H2312	9.3	—	11.7
60	UKP213+H2313	76.2	265	70	203	25	29	27	150	156	65	102	118	17	20	M20	UK213+H2313	57500	40000	P213	UKP213C(E)+H2313	CUKP213C(CE)+H2313	5.7	6.2	7.9
	UKPX13+H2313	76.2	286	83	203	25	41	32	154	—	65	—	—	—	—	M20	UKX13+H2313	62000	44000	PX13	—	—	7.2	—	—
	UKP313+H2313	90	340	90	260	25	38	31	174	188	65	—	140	—	24	M20	UK313+H2313	92500	59700	P313	—	CUKP313C(CE)+H2313	9.8	—	14.2

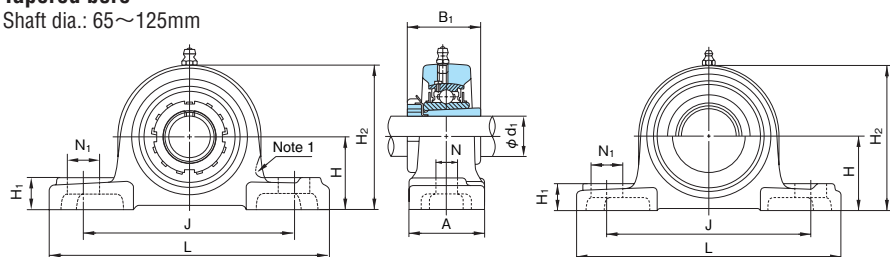
Remarks: 1. Grease nipple: 1/4-28UNF

Remarks: 2. Examples of unit numbers with covers:

- With steel cover { Covers with rubber seal on both sides :UKP210C+H2310
- { An end cover and a cover with rubber seal :UKP210E+H2310
- With cast covers { Covers with rubber seal on both sides :CUKP210C+H2310
- { An end cover and a cover with rubber seal :CUKP210CE+H2310

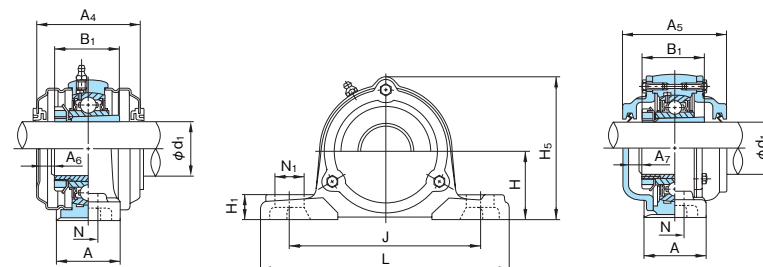
**Pillow Block Units**

**UKP+H type**  
**With adapter assembly**  
**Tapered bore**  
 Shaft dia.: 65~125mm



Note: The line shows figure of UCPX00 series

With steel cover



With cast covers

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)															Bolt size	Bearings		Housing No.	Unit No. with steel covers Covers with rubber seal (End cover on one side)	Unit No. with cast covers Covers with rubber seal (End cover on one side)	Mass of Unit (kg)		
		H	L	A	J	N	N <sub>1</sub>	H <sub>1</sub>	H <sub>2</sub>	H <sub>5</sub>	B <sub>1</sub>	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>	No.		Basic load rating (N)					standard	with steel cover	with cast covers
		Cr	Cor																						
65	UKP215+H2315	82.6	275	74	217	25	31	28	163	167	73	—	136	—	26	M20	UK215+H2315	66000	48200	P215	—	CUKP215C(CE)+H2315	8.3	—	10.0
	UKPX15+H2315	88.9	330	89	229	27	51	35	177	—	73	—	—	—	—	M22	UKX15+H2315	72500	53000	PX15	—	—	11.5	—	—
	UKP315+H2315	100	380	100	290	27	40	40	197	208	73	—	150	—	25	M22	UK315+H2315	114000	76900	P315	—	CUKP315C(CE)+H2315	13.7	—	19.9
70	UKP216+H2316	88.9	292	78	232	25	31	30	175	188	78	—	146	—	26	M20	UK216+H2316	72500	53000	P216	—	CUKP216C(CE)+H2316	10.4	—	12.7
	UKPX16+H2316	101.6	381	102	283	27	59	42	197	—	78	—	—	—	—	M22	UKX16+H2316	83500	61800	PX16	—	—	17.4	—	—
	UKP316+H2316	106	400	110	300	27	40	45	209	219	78	—	154	—	23	M22	UK316+H2316	123000	86400	P316	—	CUKP316C(CE)+H2316	16.6	—	23.9
75	UKP217+H2317	95.2	310	83	247	25	31	32	187	199	82	—	150	—	26	M20	UK217+H2317	83500	61800	P217	—	CUKP217C(CE)+H2317	12.8	—	14.8
	UKPX17+H2317	101.6	381	102	283	27	59	42	202	—	82	—	—	—	—	M22	UKX17+H2317	95500	71400	PX17	—	—	17.0	—	—
	UKP317+H2317	112	420	110	320	33	45	45	221	234	82	—	164	—	26	M27	UK317+H2317	132000	96500	P317	—	CUKP317C(CE)+H2317	18.6	—	27.1
80	UKP218+H2318	101.6	327	88	262	27	33	34	200	211	86	—	164	—	31	M22	UK218+H2318	95500	71400	P218	—	CUKP218C(CE)+H2318	15.1	—	18.6
	UKPX18+H2318	101.6	381	111	283	27	60	45	206	—	86	—	—	—	—	M22	UKX18+H2318	109000	81600	PX18	—	—	16.7	—	—
	UKP318+H2318	118	430	110	330	33	45	50	233	245	86	—	168	—	26	M27	UK318+H2318	143000	107200	P318	—	CUKP318C(CE)+H2318	21.1	—	30.9
85	UKP319+H2319	125	470	120	360	36	50	50	250	257	90	—	180	—	30	M30	UK319+H2319	153000	118400	P319	—	CUKP319C(CE)+H2319	26.5	—	37.1
	UKPX20+H2320	127	432	121	337	33	64	52	250	—	97	—	—	—	—	M27	UKX20+H2320	134000	104700	PX20	—	—	32.1	—	—
	UKP320+H2320	140	490	120	380	36	50	55	275	282	97	—	190	—	31	M30	UK320+H2320	173000	140400	P320	—	CUKP320C(CE)+H2320	34.3	—	45.2
100	UKP322+H2322	150	520	140	400	40	55	60	295	305	105	—	210	—	36	M33	UK322+H2322	205000	178800	P322	—	CUKP322C(CE)+H2322	42.6	—	55.1
110	UKP324+H2324	160	570	140	450	40	55	70	321	328	112	—	220	—	35	M33	UK324+H2324	207000	184800	P324	—	CUKP324C(CE)+H2324	53.0	—	73.8
115	UKP326+H2326	180	600	140	480	40	55	80	354	358	121	—	230	—	36	M33	UK326+H2326	229000	214300	P326	—	CUKP326C(CE)+H2326	72.4	—	93.3
125	UKP328+H2328	200	620	140	500	40	55	80	388	388	131	—	240	—	37	M33	UK328+H2328	255000	246000	P328	—	CUKP328C(CE)+H2328	89.4	—	111

Remarks: 1. Grease nipple: PF1/8

Remarks: 2. Examples of unit numbers with covers:

With cast covers { Covers with rubber seal on both sides :CUKP215C+H2315  
 An end cover and a cover with rubber seal :CUKP215CE+H2315

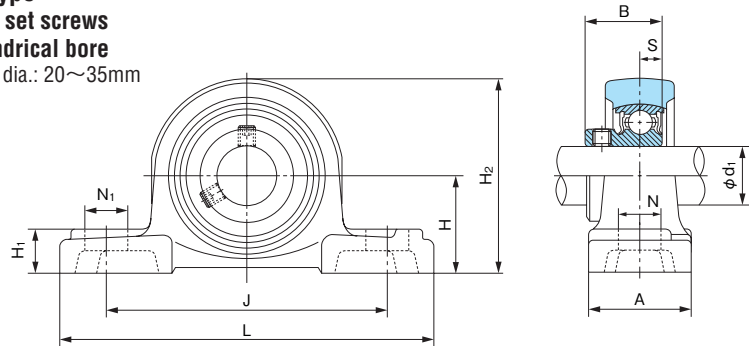
**Pillow Block Units**

BP type

With set screws

Cylindrical bore

Shaft dia.: 20~35mm

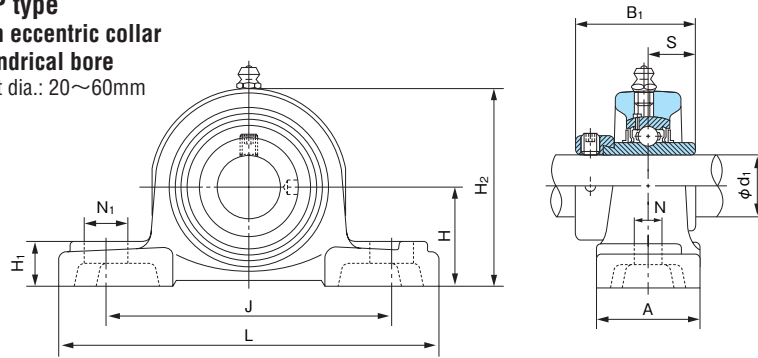


1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)										Bolt size	Bearings		Housing No.	Mass of Unit (kg)	
		H	L	A	J	N	N <sub>1</sub>	H <sub>1</sub>	H <sub>2</sub>	B	S		No.	Basic load rating (N)			
														Cr			Cor
20	BP204	33.3	127	38	95	13	19	15	65	24.7	7	M10	B4	12800	6600	P204 G00	0.61
25	BP205	36.5	140	38	105	13	16	16	70	27	7.5	M10	B5	14000	7900	P205 G00	0.76
30	BP206	42.9	165	48	121	17	21	18	83	30.3	8	M14	B6	19600	11300	P206 G00	1.2
35	BP207	47.6	167	48	127	17	21	19	94	32.9	8.5	M14	B7	25900	15400	P207 G00	1.6

**■ Pillow Block Units**

**UGP type**  
**With eccentric collar**  
**Cylindrical bore**  
 Shaft dia.: 20~60mm



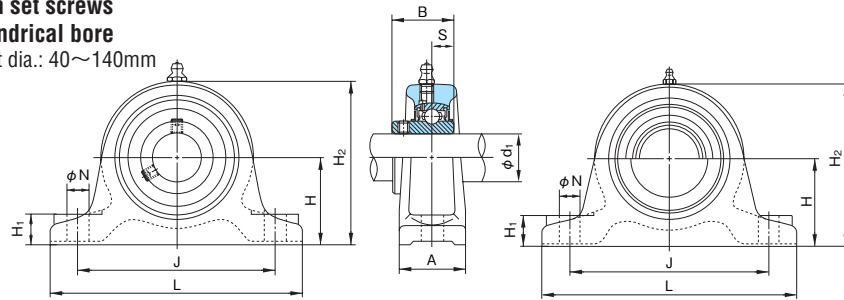
1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)										Bolt size	Bearings			Housing No.	Mass of Unit (kg)
		H	L	A	J	N	N <sub>1</sub>	H <sub>1</sub>	H <sub>2</sub>	B <sub>1</sub>	S		No.	Basic load rating (N)			
														C <sub>r</sub>	C <sub>or</sub>		
20	UGP204	33.3	127	38	95	13	19	15	65	43.7	17.1	M10	UG204+ER	12800	6600	P204	0.70
25	UGP205	36.5	140	38	105	13	16	16	70	44.4	17.5	M10	UG205+ER	14000	7900	P205	0.83
30	UGP206	42.9	165	48	121	17	21	18	83	48.4	18.3	M14	UG206+ER	19600	11300	P206	1.3
35	UGP207	47.6	167	48	127	17	21	19	94	51.1	18.8	M14	UG207+ER	25900	15400	P207	1.7
40	UGP208	49.2	184	54	137	17	25	19	100	56.3	21.4	M14	UG208+ER	29300	17900	P208	2.1
45	UGP209	54	190	54	146	17	22	20	108	56.3	21.4	M14	UG209+ER	33000	20500	P209	2.3
50	UGP210	57.2	206	60	159	20	25	22	114	62.7	24.6	M16	UG210+ER	35500	23200	P210	2.7
55	UGP211	63.5	219	60	171	20	25	22	126	71.4	27.8	M16	UG211+ER	43000	29400	P211	3.5
60	UGP212	69.8	241	70	184	20	25	25	138	77.8	31	M16	UG212+ER	52500	36100	P212	5.0

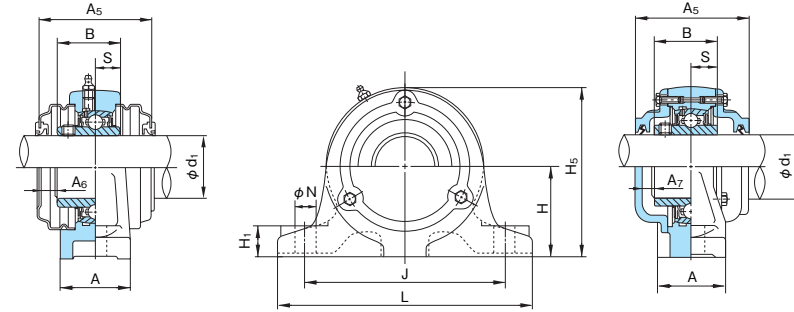
Remark: Grease nipple: 1/4-28UNF

# Pillow Block Units

UCIP type  
With set screws  
Cylindrical bore  
Shaft dia.: 40~140mm



With steel cover



With cast covers

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)															Bolt size	Bearings			Housing No.	Unit No. with steel covers		Unit No. with cast covers		Mass of Unit (kg)		
		H	L	A	J	N	H <sub>1</sub>	H <sub>2</sub>	H <sub>5</sub>	B	S	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>	No.		Basic load rating (N)		Covers with rubber seal (End cover on one side)		Covers with rubber seal (End cover on one side)	standard	with steel cover	With cast covers			
		Cr	Cor																									
40	UCIP208	60	200	60	150	19	25	115	115	49.2	19	86	90	12	8	M16	UC208	29300	17900	IP208	UCIP208C(E)	CUCIP208C(CE)	3.6	3.8	4.0			
45	UCIP209	70	210	60	160	19	25	128	130	49.2	19	92	90	15	8	M16	UC209	33000	20500	IP209	UCIP209C(E)	CUCIP209C(CE)	3.8	4.1	4.5			
50	UCIP210	70	220	60	170	19	28	132	133	51.6	19	92	98	12	10	M16	UC210	35500	23200	IP210	UCIP210C(E)	CUCIP210C(CE)	4.4	4.7	5.0			
55	UCIP211	80	230	60	180	19	28	148	150	55.6	22.2	97	100	14	10	M16	UC211	43000	29400	IP211	UCIP211C(E)	CUCIP211C(CE)	5.5	5.8	6.2			
60	UCIP212	80	260	70	200	22	30	155	155	65.1	25.4	113	114	15	11	M20	UC212	52500	36100	IP212	UCIP212C(E)	CUCIP212C(CE)	5.9	6.3	8.0			
65	UCIP213	90	280	70	220	22	30	172	172	65.1	25.4	111	118	14	13	M20	UC213	57500	40000	IP213	UCIP213C(E)	CUCIP213C(CE)	7.5	8.0	10.1			
	UCIP313	110	310	70	250	22	30	208	208	75	30	—	140	—	17	M20	UC313	92500	59700	IP313	—	CUCIP313C(CE)	12.4	—	16.5			
70	UCIP314	110	330	75	270	25	35	215	215	78	33	—	140	—	17	M22	UC314	104000	68000	IP314	—	CUCIP314C(CE)	14.9	—	19.2			
75	UCIP315	120	340	75	280	25	35	230	230	82	32	—	150	—	17	M22	UC315	114000	76900	IP315	—	CUCIP315C(CE)	16.2	—	21.8			
80	UCIP316	120	350	85	290	25	40	235	235	86	34	—	154	—	17	M22	UC316	123000	86400	IP316	—	CUCIP316C(CE)	20.8	—	24.8			
85	UCIP317	130	370	85	310	25	40	255	255	96	40	—	164	—	18	M22	UC317	132000	96500	IP317	—	CUCIP317C(CE)	23.1	—	29.4			
90	UCIP318	130	400	85	330	29	45	260	260	96	40	—	168	—	20	M24	UC318	143000	107200	IP318	—	CUCIP318C(CE)	25.7	—	33.2			
95	UCIP319	150	410	85	340	29	45	285	285	103	41	—	180	—	20	M24	UC319	153000	118400	IP319	—	CUCIP319C(CE)	29.7	—	38.5			
100	UCIP320	150	430	85	360	29	45	295	295	108	42	—	190	—	21	M24	UC320	173000	140400	IP320	—	CUCIP320C(CE)	33.4	—	44.2			
110	UCIP322	170	490	100	410	32	50	335	335	117	46	—	210	—	26	M27	UC322	205000	178800	IP322	—	CUCIP322C(CE)	50.4	—	61.2			
120	UCIP324	170	510	100	430	32	50	345	345	126	51	—	220	—	25	M27	UC324	207000	184800	IP324	—	CUCIP324C(CE)	56.8	—	72.3			
130	UCIP326	200	550	110	470	32	50	390	390	135	54	—	230	—	24	M27	UC326	229000	214300	IP326	—	CUCIP326C(CE)	73.2	—	94.3			
140	UCIP328	200	590	110	500	35	55	400	400	145	59	—	240	—	24	M30	UC328	255000	246000	IP328	—	CUCIP328C(CE)	83.5	—	105			

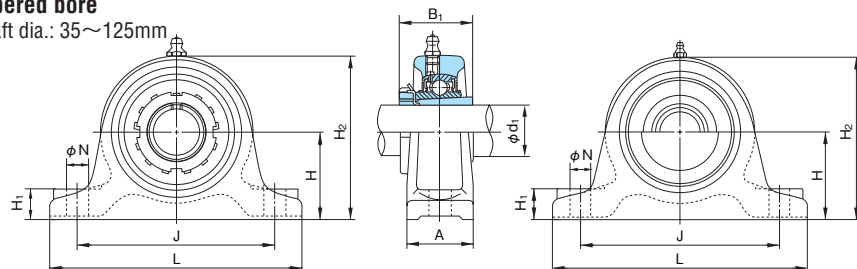
Remarks: 1. Grease nipple : 1/4-28UNF for bore number 13 and under  
PF1/8 for bore number 14 and over

Remarks: 2. Examples of unit numbers with covers:

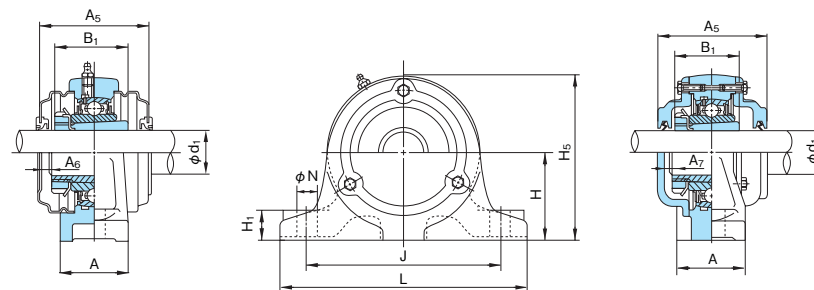
- With steel cover { Covers with rubber seal on both sides :UCIP210C
- { An end cover and a cover with rubber seal :UCIP210E
- With cast covers { Covers with rubber seal on both sides :CUCIP210C
- { An end cover and a cover with rubber seal :CUCIP210CE

### Pillow Block Units

UKIP+H type  
With adapter assembly  
Tapered bore  
Shaft dia.: 35~125mm



With steel covers



With cast covers

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)														Bolt size	Bearings		Housing No.	Unit No. with steel covers	Unit No. with cast covers	Mass of Unit (kg)				
		H	L	A	J	N	H <sub>1</sub>	H <sub>2</sub>	H <sub>5</sub>	B <sub>1</sub>	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>	No.		Basic load rating (N)					Covers with rubber seal (End cover on one side)	Covers with rubber seal (End cover on one side)	standard	With steel cover	With cast cover
																	Cr	Cor								
35	UKIP208+H2308	60	200	60	150	19	25	115	115	46	86	90	17	14	M16	UK208+H2308	29300	17900	IP208	UKIP208C(E)+H2308	CUKIP208C(CE)+H2308	3.7	3.9	4.1		
40	UKIP209+H2309	70	210	60	160	19	25	128	130	50	92	90	19	13	M16	UK209+H2309	33000	20500	IP209	UKIP209C(E)+H2309	CUKIP209C(CE)+H2309	3.9	4.2	4.7		
45	UKIP210+H2310	70	220	60	170	19	28	132	133	55	92	98	17	15	M16	UK210+H2310	35500	23200	IP210	UKIP210C(E)+H2310	CUKIP210C(CE)+H2310	4.6	4.9	5.2		
50	UKIP211+H2311	80	230	60	180	19	28	148	150	59	97	100	19	15	M16	UK211+H2311	43000	29400	IP211	UKIP211C(E)+H2311	CUKIP211C(CE)+H2311	5.6	6.0	6.4		
55	UKIP212+H2312	80	260	70	200	22	30	155	155	62	113	114	24	20	M20	UK212+H2312	52500	36100	IP212	UKIP212C(E)+H2312	CUKIP212C(CE)+H2312	5.9	6.4	8.2		
60	UKIP213+H2313	90	280	70	220	22	30	172	172	65	111	118	21	20	M20	UK213+H2313	57500	40000	IP213	UKIP213C(E)+H2313	CUKIP213C(CE)+H2313	7.7	8.2	10.4		
	UKIP313+H2313	110	310	70	250	22	30	208	208	65	—	140	—	24	M20	UK313+H2313	92500	59700	IP313	—	CUKIP313C(CE)+H2313	12.4	—	16.5		
65	UKIP315+H2315	120	340	75	280	25	35	230	230	73	—	150	—	25	M22	UK315+H2315	114000	76900	IP315	—	CUKIP315C(CE)+H2315	16.3	—	22.2		
70	UKIP316+H2316	120	350	85	290	25	40	235	235	78	—	154	—	23	M22	UK316+H2316	123000	86400	IP316	—	CUKIP316C(CE)+H2316	21.0	—	25.2		
75	UKIP317+H2317	130	370	85	310	25	40	255	255	82	—	164	—	26	M22	UK317+H2317	132000	96500	IP317	—	CUKIP317C(CE)+H2317	23.1	—	29.6		
80	UKIP318+H2318	130	400	85	330	29	45	260	260	86	—	168	—	26	M24	UK318+H2318	143000	107200	IP318	—	CUKIP318C(CE)+H2318	25.9	—	34.2		
85	UKIP319+H2319	150	410	85	340	29	45	285	285	90	—	180	—	30	M24	UK319+H2319	153000	118400	IP319	—	CUKIP319C(CE)+H2319	29.7	—	38.7		
90	UKIP320+H2320	150	430	85	360	29	45	295	295	97	—	190	—	31	M24	UK320+H2320	173000	140400	IP320	—	CUKIP320C(CE)+H2320	33.4	—	44.8		
100	UKIP322+H2322	170	490	100	410	32	50	335	335	105	—	210	—	36	M27	UK322+H2322	205000	178800	IP322	—	CUKIP322C(CE)+H2322	50.5	—	61.9		
110	UKIP324+H2324	170	510	100	430	32	50	345	345	112	—	220	—	35	M27	UK324+H2324	207000	184800	IP324	—	CUKIP324C(CE)+H2324	56.3	—	72.5		
115	UKIP326+H2326	200	550	110	470	32	50	390	390	121	—	230	—	36	M27	UK326+H2326	229000	214300	IP326	—	CUKIP326C(CE)+H2326	73.5	—	95.8		
125	UKIP328+H2328	200	590	110	500	35	55	400	400	131	—	240	—	37	M30	UK328+H2328	255000	246000	IP328	—	CUKIP328C(CE)+H2328	83.8	—	106		

Remarks: 1. Grease nipple: 1/4-28UNF for bore number 13 and under  
PF1/8 for bore number 14 and over

Remarks: 2. Examples of unit numbers with covers:

- With steel cover { Covers with rubber seal on both sides :UKIP210C+H2310
- { An end cover and a cover with rubber seal :CUKIP210CE+H2310
- With cast cover { Covers with rubber seal on both sides :CUKIP210C+H2310
- { An end cover and a cover with rubber seal :CUKIP210CE+H2310



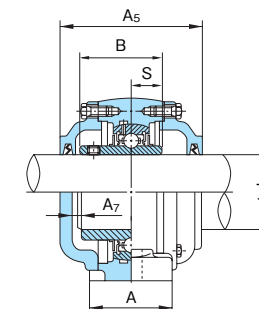
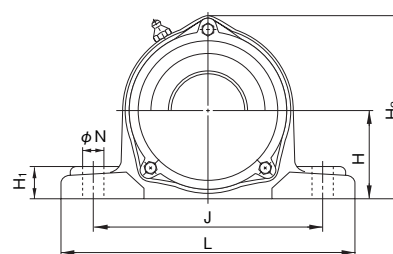
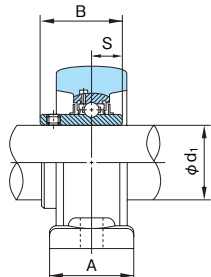
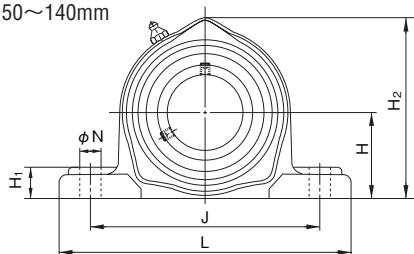
# Cast Steel Pillow Block Units

UCPK type

With set screws

Cylindrical bore

Shaft dia.: 50~140mm



With cast cover

1N=0.102kgf

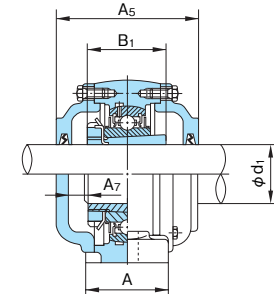
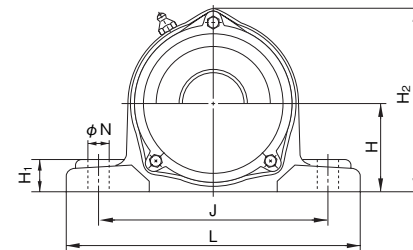
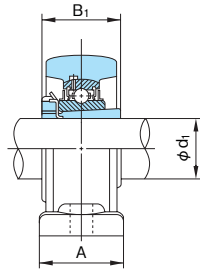
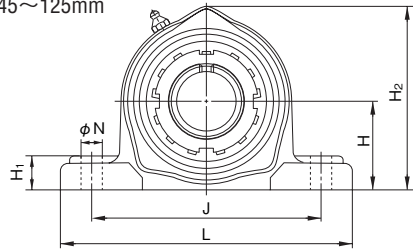
Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)											Bolt size	Bearings			Housing No.	Unit No. with cast covers		Mass of Unit (kg)	
		H	L	A	J	N	H <sub>1</sub>	H <sub>2</sub>	B	S	A <sub>5</sub>	A <sub>7</sub>		No.	Basic load rating (N)			Covers with rubber seal (End cover on one side)	standard	with cast cover	
															Cr	Cor					
50	<i>UCPK210</i>	57.2	200	55	159	19	22	120	51.6	19	98	10	M16	UC210	35500	23200	PK210	<i>CUCPK210C(CE)</i>	3.5	4.4	
55	<i>UCPK211</i>	63.5	216	55	171	19	22	133	55.6	22.2	100	10	M16	UC211	43000	29400	PK211	<i>CUCPK211C(CE)</i>	4.5	5.7	
60	<i>UCPK212</i>	69.8	233	65	184	19	25	145	65.1	25.4	114	11	M16	UC212	52500	36100	PK212	<i>CUCPK212C(CE)</i>	5.7	6.8	
65	<i>UCPK213</i>	76.2	258	70	203	24	27	156	65.1	25.4	118	13	M20	UC213	57500	40000	PK213	<i>CUCPK213C(CE)</i>	6.7	8.2	
	<i>UCPK313</i>	90	326	85	260	24	36	188	75	30	140	17	M20	UC313	92500	59700	PK313	<i>CUCPK313C(CE)</i>	12.2	14.6	
70	<i>UCPK214</i>	79.4	266	72	210	24	27	162	74.6	30.2	134	16	M20	UC214	62000	44000	PK214	<i>CUCPK214C(CE)</i>	7.6	9.4	
	<i>UCPK314</i>	95	350	85	280	26	40	198	78	33	140	17	M22	UC314	104000	68000	PK314	<i>CUCPK314C(CE)</i>	14.8	17.5	
75	<i>UCPK215</i>	82.6	272	74	217	24	28	167	77.8	33.3	136	17	M20	UC215	66000	48200	PK215	<i>CUCPK215C(CE)</i>	8.1	10.3	
	<i>UCPK315</i>	100	366	90	290	26	40	208	82	32	150	17	M22	UC315	114000	76900	PK315	<i>CUCPK315C(CE)</i>	17.0	20.0	
80	<i>UCPK216</i>	88.9	288	75	232	24	30	188	82.6	33.3	146	15	M20	UC216	72500	53000	PK216	<i>CUCPK216C(CE)</i>	10.4	13.3	
	<i>UCPK316</i>	106	386	100	300	26	45	219	86	34	154	17	M22	UC316	123000	86400	PK316	<i>CUCPK316C(CE)</i>	19.7	23.4	
85	<i>UCPK217</i>	95.2	303	80	247	24	32	199	85.7	34.1	150	15	M20	UC217	83500	61800	PK217	<i>CUCPK217C(CE)</i>	12.2	15.4	
	<i>UCPK317</i>	112	407	105	320	32	45	234	96	40	164	18	M27	UC317	132000	96500	PK317	<i>CUCPK317C(CE)</i>	22.9	27.3	
90	<i>UCPK218</i>	101.6	322	85	262	26	34	211	96	39.7	164	17	M22	UC218	95500	71400	PK218	<i>CUCPK218C(CE)</i>	15.2	18.9	
	<i>UCPK318</i>	118	417	105	330	32	50	245	96	40	168	20	M27	UC318	143000	107200	PK318	<i>CUCPK318C(CE)</i>	25.9	30.8	
95	<i>UCPK319</i>	125	455	115	360	35	50	257	103	41	180	20	M30	UC319	153000	118400	PK319	<i>CUCPK319C(CE)</i>	33.1	38.4	
100	<i>UCPK320</i>	140	475	115	380	35	55	282	108	42	190	21	M30	UC320	173000	140400	PK320	<i>CUCPK320C(CE)</i>	40.2	46.4	
105	<i>UCPK321</i>	140	475	115	380	35	55	287	112	44	194	21	M30	UC321	183000	153100	PK321	<i>CUCPK321C(CE)</i>	40.4	47.4	
110	<i>UCPK322</i>	150	505	130	400	38	60	305	117	46	210	26	M33	UC322	205000	178800	PK322	<i>CUCPK322C(CE)</i>	47.8	55.9	
120	<i>UCPK324</i>	160	555	130	450	38	70	328	126	51	220	25	M33	UC324	207000	184800	PK324	<i>CUCPK324C(CE)</i>	63.8	75.2	
130	<i>UCPK326</i>	180	585	130	480	38	80	358	135	54	230	24	M33	UC326	229000	214300	PK326	<i>CUCPK326C(CE)</i>	81.6	94.4	
140	<i>UCPK328</i>	200	605	130	500	38	80	388	145	59	240	24	M33	UC328	255000	246000	PK328	<i>CUCPK328C(CE)</i>	95.9	110	

Remarks: 1. Please contact NACHI for units number appeared in italic.  
 2. Grease nipple : 1/4-28UNF for bore number 13 and under  
 PF1/8 for bore number 14 and over

Remarks: 3. Examples of unit numbers with covers:  
 With cast cover { Covers with rubber seal on both sides :CUCPK210C  
 An end cover and a cover with rubber seal :CUCPK210CE

# Cast Steel Pillow Block Units

**UKPK+H type**  
**With adapter assembly**  
**Tapered bore**  
 Shaft dia.: 45~125mm



With cast cover

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)										Bolt size	Bearings			Housing No.	Unit No. with cast covers		Mass of Unit (kg)	
		H	L	A	J	N	H <sub>1</sub>	H <sub>2</sub>	B <sub>1</sub>	A <sub>5</sub>	A <sub>7</sub>		No.	Basic load rating (N)			Both covers with rubber seal (one side end cover)	standard	with cast cover	
														Cr	Cor					
45	<i>UKPK210+H2310</i>	57.2	200	55	159	19	22	120	55	98	15	M16	<i>UK210+H2310</i>	35500	23200	PK210	<i>CUKPK210C(CE)+H2310</i>	3.6	4.6	
50	<i>UKPK211+H2311</i>	63.5	216	55	171	19	22	133	59	100	15	M16	<i>UK211+H2311</i>	43000	29400	PK211	<i>CUKPK211C(CE)+H2311</i>	4.7	5.9	
55	<i>UKPK212+H2312</i>	69.8	233	65	184	19	25	145	62	114	20	M16	<i>UK212+H2312</i>	52500	36100	PK212	<i>CUKPK212C(CE)+H2312</i>	5.7	6.9	
60	<i>UKPK213+H2313</i>	76.2	258	70	203	24	27	156	65	118	20	M20	<i>UK213+H2313</i>	57500	40000	PK213	<i>CUKPK213C(CE)+H2313</i>	6.8	8.4	
	<i>UKPK313+H2313</i>	90	326	85	260	24	36	188	65	140	24	M20	<i>UK313+H2313</i>	92500	59700	PK313	<i>CUKPK313C(CE)+H2313</i>	12.1	14.6	
65	<i>UKPK215+H2315</i>	82.6	272	74	217	24	28	167	73	136	26	M20	<i>UK215+H2315</i>	66000	48200	PK215	<i>CUKPK215C(CE)+H2315</i>	8.5	10.7	
	<i>UKPK315+H2315</i>	100	366	90	290	26	40	208	73	150	25	M22	<i>UK315+H2315</i>	114000	76900	PK315	<i>CUKPK315C(CE)+H2315</i>	17.2	20.4	
70	<i>UKPK216+H2316</i>	88.9	288	75	232	24	30	188	78	146	26	M20	<i>UK216+H2316</i>	72500	53000	PK216	<i>CUKPK216C(CE)+H2316</i>	10.9	13.8	
	<i>UKPK316+H2316</i>	106	386	100	300	26	45	219	78	154	23	M22	<i>UK316+H2316</i>	123000	86400	PK316	<i>CUKPK316C(CE)+H2316</i>	20.0	23.7	
75	<i>UKPK217+H2317</i>	95.2	303	80	247	24	32	199	82	150	26	M20	<i>UK217+H2317</i>	83500	61800	PK217	<i>CUKPK217C(CE)+H2317</i>	12.8	16.1	
	<i>UKPK317+H2317</i>	112	407	105	320	32	45	234	82	164	26	M27	<i>UK317+H2317</i>	132000	96500	PK317	<i>CUKPK317C(CE)+H2317</i>	22.9	27.4	
80	<i>UKPK218+H2318</i>	101.6	322	85	262	26	34	211	86	164	31	M22	<i>UK218+H2318</i>	95500	71400	PK218	<i>CUKPK218C(CE)+H2318</i>	15.5	19.4	
	<i>UKPK318+H2318</i>	118	417	105	330	32	50	245	86	168	26	M27	<i>UK318+H2318</i>	143000	107200	PK318	<i>CUKPK318C(CE)+H2318</i>	26.1	31.2	
85	<i>UKPK319+H2319</i>	125	455	115	360	35	50	257	90	180	30	M30	<i>UK319+H2319</i>	153000	118400	PK319	<i>CUKPK319C(CE)+H2319</i>	33.1	38.7	
90	<i>UKPK320+H2320</i>	140	475	115	380	35	55	282	97	190	31	M30	<i>UK320+H2320</i>	173000	140400	PK320	<i>CUKPK320C(CE)+H2320</i>	40.2	46.7	
100	<i>UKPK322+H2322</i>	150	505	130	400	38	60	305	105	210	36	M33	<i>UK322+H2322</i>	205000	178800	PK322	<i>CUKPK322C(CE)+H2322</i>	47.9	56.5	
110	<i>UKPK324+H2324</i>	160	555	130	450	38	70	328	112	220	35	M33	<i>UK324+H2324</i>	207000	184800	PK324	<i>CUKPK324C(CE)+H2324</i>	63.3	75.1	
115	<i>UKPK326+H2326</i>	180	585	130	480	38	80	358	121	230	36	M33	<i>UK326+H2326</i>	229000	214300	PK326	<i>CUKPK326C(CE)+H2326</i>	81.9	95.3	
125	<i>UKPK328+H2328</i>	200	605	130	500	38	80	388	131	240	37	M33	<i>UK328+H2328</i>	255000	246000	PK328	<i>CUKPK328C(CE)+H2328</i>	96.2	111	

Remarks: 1. Please contact NACHI for units number appeared in italic.  
 2. Grease nipple : 1/4-28UNF for bore number 13 and under  
 PF1/8 for bore number 14 and over

Remarks: 3. Examples of unit numbers with covers:  
 with cast cover { Covers with rubber seal on both sides :CUKPK210C+H2310  
 An end cover and a cover with rubber seal:CUKPK210CE+H2310

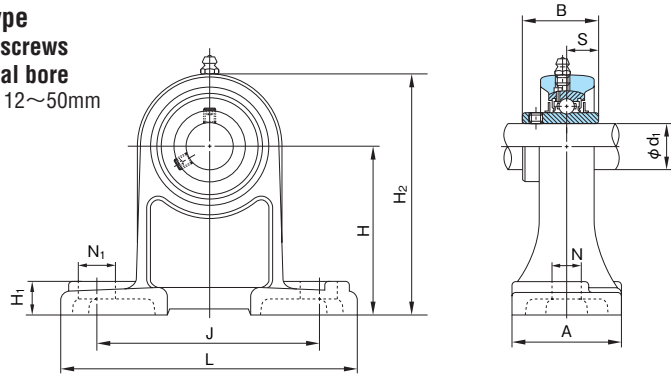
**■ Pillow Block Units**

**UCPH type**

**With set screws**

**Cylindrical bore**

Shaft dia.: 12~50mm



1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)										Bolt size	Bearings			Housing No.	Mass of Unit (kg)
		H	L	A	J	N	N <sub>1</sub>	H <sub>1</sub>	H <sub>2</sub>	B	S		No.	Basic load rating (N)			
														Cr	Cor		
12	UCPH201	70	127	40	95	13	19	15	101	31	12.7	M10	UC201	12800	6600	PH204	1.0
15	UCPH202	70	127	40	95	13	19	15	101	31	12.7	M10	UC202	12800	6600	PH204	0.99
17	UCPH203	70	127	40	95	13	19	15	101	31	12.7	M10	UC203	12800	6600	PH204	0.98
20	UCPH204	70	127	40	95	13	19	15	101	31	12.7	M10	UC204	12800	6600	PH204	0.96
25	UCPH205	80	140	50	105	13	19	16	114	34	14.3	M10	UC205	14000	7900	PH205	1.2
30	UCPH206	90	165	50	121	17	21	18	130	38.1	15.9	M14	UC206	19600	11300	PH206	1.9
35	UCPH207	95	167	60	127	17	21	19	140	42.9	17.5	M14	UC207	25900	15400	PH207	2.4
40	UCPH208	100	184	70	137	17	25	19	149	49.2	19	M14	UC208	29300	17900	PH208	2.8
45	UCPH209	105	190	70	146	17	25	20	157	49.2	19	M14	UC209	33000	20500	PH209	3.2
50	UCPH210	110	206	70	159	20	25	22	165	51.6	19	M16	UC210	35500	23200	PH210	3.6

Remark: Grease nipple :1/4-28UNF

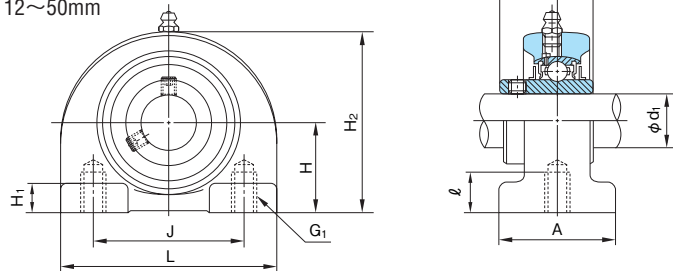
**■ Pillow Block Units**

**UCPA type**

**With set screws**

**Cylindrical bore**

Shaft dia.: 12~50mm



1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)										Bearings			Housing No.	Mass of Unit (kg)
		H	L	A	J	G <sub>1</sub>	ℓ	H <sub>1</sub>	H <sub>2</sub>	B	S	No.	Basic load rating (N)			
													C <sub>r</sub>	C <sub>or</sub>		
12	UCPA201	30.2	76	38	52	M10×1.5	12	8	62	31	12.7	UC201	12800	6600	PA204	0.59
15	UCPA202	30.2	76	38	52	M10×1.5	12	8	62	31	12.7	UC202	12800	6600	PA204	0.57
17	UCPA203	30.2	76	38	52	M10×1.5	12	8	62	31	12.7	UC203	12800	6600	PA204	0.56
20	UCPA204	30.2	76	38	52	M10×1.5	12	8	62	31	12.7	UC204	12800	6600	PA204	0.54
25	UCPA205	36.5	84	38	56	M10×1.5	15	10	72	34	14.3	UC205	14000	7900	PA205	0.73
30	UCPA206	42.9	94	48	66	M14×2	18	10	84	38.1	15.9	UC206	19600	11300	PA206	1.11
35	UCPA207	47.6	110	48	80	M14×2	20	12	95	42.9	17.5	UC207	25900	15400	PA207	1.63
40	UCPA208	49.2	116	54	84	M14×2	20	12	100	49.2	19	UC208	29300	17900	PA208	1.85
45	UCPA209	54.2	120	54	90	M14×2	25	12	108	49.2	19	UC209	33000	20500	PA209	2.11
50	UCPA210	57.2	130	60	94	M16×2	25	14	116	51.6	19	UC210	35500	23200	PA210	2.52

Remark: Grease nipple: 1/4-28UNF

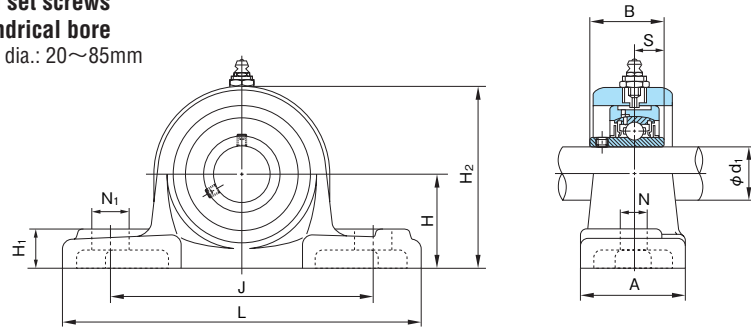
### ■ Pillow Block Units

UCEP type

With set screws

Cylindrical bore

Shaft dia.: 20~85mm



1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)										Axial displacement (mm)	Bolt size	Bearings		Housing No.		Mass of Unit (kg)	
		H	L	A	J	N	N <sub>1</sub>	H <sub>1</sub>	H <sub>2</sub>	B	S			No.	Basic load rating (N)		Pillow type Housing		Cartridge type Housing
															Cr	Cor			
20	UCEP204	36.5	140	38	105	13	16	16	73	31	12.7	10	M10	UC204	12800	6600	EP204	EC204	1.1
25	UCEP205	44.4	159	51	119	17	20	18	85	34	14.3	10	M14	UC205	14000	7900	EP205	EC205	1.5
30	UCEP206	47.6	175	57	127	17	20	20	94	38.1	15.9	10	M14	UC206	19600	11300	EP206	EC206	2.0
35	UCEP207	54	203	57	144	17	20	22	108	42.9	17.5	10	M14	UC207	25900	15400	EP207	EC207	2.7
40	UCEP208	58.7	222	67	156	20	24	26	116	49.2	19	10	M16	UC208	29300	17900	EP209	EC208	3.5
45	UCEP209	58.7	222	67	156	20	24	26	116	49.2	19	10	M16	UC209	33000	20500	EP209	EC209	3.4
50	UCEP210	63.5	241	73	171	20	26	27	126	51.6	19	10	M16	UC210	35500	23200	EP210	EC210	4.1
55	UCEP211	69.8	260	79	184	25	28	30	139	55.6	22.2	10	M20	UC211	43000	29400	EP211	EC211	5.6
60	UCEP212	76.2	286	83	203	25	30	32	151	65.1	25.4	10	M20	UC212	52500	36100	EP212	EC212	7.1
65	UCEP213	76.2	286	83	203	25	30	32	154	65.1	25.4	10	M20	UC213	57500	40000	EP213	EC213	7.0
70	UCEP214	88.9	330	89	229	27	31	35	177	74.6	30.2	10	M22	UC214	62000	44000	EP215	EC214	10.8
75	UCEP215	88.9	330	89	229	27	31	35	177	77.8	33.3	10	M22	UC215	66000	48200	EP215	EC215	10.9
80	UCEP216	101.6	381	102	283	27	40	42	205	82.6	33.3	15	M22	UC216	72500	53000	EP217	EC216	17.1
85	UCEP217	101.6	381	102	283	27	40	42	205	85.7	34.1	15	M22	UC217	83500	61800	EP217	EC217	16.4

Remarks: 1. This unit allows the movement in axial direction to be used on free side and the mounting dimensions are equal to UCPX00 type.

2. Grease nipple: 1/4-28UNF for bore number 13 and under  
PF1/8 for bore number 14 and over

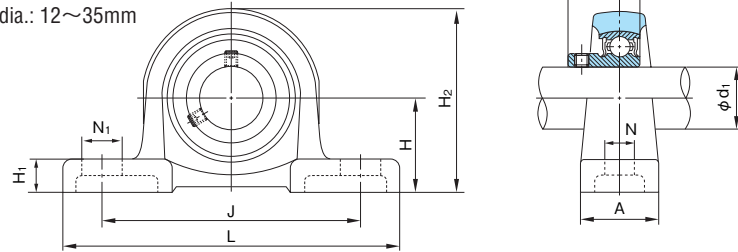
**Pillow Block Units**

**BLLP type**

With set screws

Cylindrical bore

Shaft dia.: 12~35mm

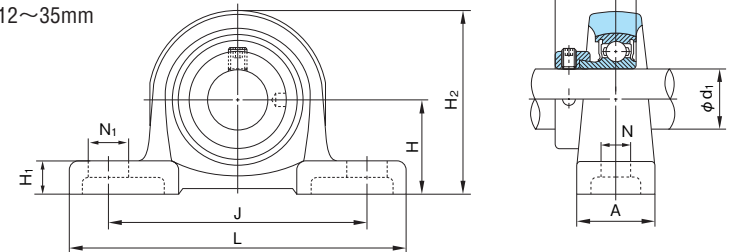


**KHLLP type**

With eccentric collar

Cylindrical bore

Shaft dia.: 12~35mm



**BLLP type**

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)										Bolt size	Bearings			Housing No.	Mass of Unit (kg)
		H	L	A	J	N	N <sub>1</sub>	H <sub>1</sub>	H <sub>2</sub>	B	S		No.	Basic load rating (N)			
		Cr	Cor														
12	BLLP1J	30.2	114	25	87	12	16	12	57	22	6	M10	B1	9550	4800	LLP3J	0.39
15	BLLP2J	30.2	114	25	87	12	16	12	57	22	6	M10	B2	9550	4800	LLP3J	0.38
17	BLLP3J	30.2	114	25	87	12	16	12	57	22	6	M10	B3	9550	4800	LLP3J	0.36
20	BLLP4J	33.3	125	27	97	12	16	13	64	24.7	7	M10	B4	12800	6600	LLP4J	0.48
25	BLLP5J	36.5	130	29	100	12	16	13	70	27	7.5	M10	B5	14000	7900	LLP5J	0.59
30	BLLP6J	42.9	156	33	120	14	21	15	83	30.3	8	M12	B6	19600	11300	LLP6J	0.70
35	BLLP7J	47.6	165	35	127	14	21	16	93	32.9	8.5	M12	B7	25900	15400	LLP7J	0.98

1N=0.102kgf

Remark: Spherical bearing seating diameter of housing is applied tolerance class J7.

**KHLLP type**

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)										Bolt size	Bearings			Housing No.	Mass of Unit (kg)
		H	L	A	J	N	N <sub>1</sub>	H <sub>1</sub>	H <sub>2</sub>	B <sub>1</sub>	S		No.	Basic load rating (N)			
		Cr	Cor														
12	KHLLP201AJ	30.2	114	25	87	12	16	12	57	28.6	6.5	M10	KH201AE	9550	4800	LLP3J	0.41
15	KHLLP202AJ	30.2	114	25	87	12	16	12	57	28.6	6.5	M10	KH202AE	9550	4800	LLP3J	0.40
17	KHLLP203AJ	30.2	114	25	87	12	16	12	57	28.6	6.5	M10	KH203AE	9550	4800	LLP3J	0.39
20	KHLLP204AJ	33.3	125	27	97	12	16	13	64	31	7.5	M10	KH204AE	12800	6600	LLP4J	0.52
25	KHLLP205AJ	36.5	130	29	100	12	16	13	70	31	7.5	M10	KH205AE	14000	7900	LLP5J	0.63
30	KHLLP206AJ	42.9	156	33	120	14	21	15	83	35.7	9	M12	KH206AE	19600	11300	LLP6J	0.76
35	KHLLP207AJ	47.6	165	35	127	14	21	16	93	38.9	9.5	M12	KH207AE	25900	15400	LLP7J	1.09

1N=0.102kgf

Remark: Spherical bearing seating diameter of housing is applied tolerance class J7.

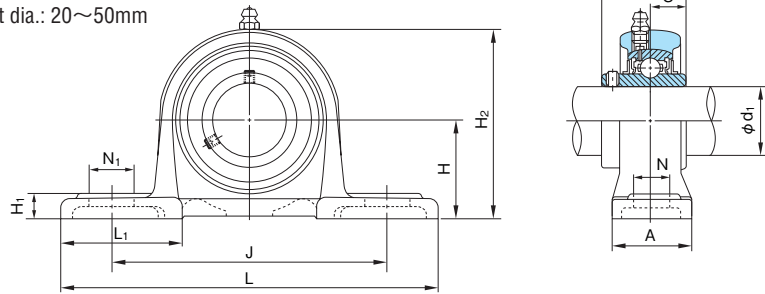
**■ Pillow Block Units**

**MUCP type (Stainless Steel)**

**With set screws**

**Cylindrical bore**

Shaft dia.: 20~50mm



1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)											Bolt size	Bearings			Housing No.	Mass of Unit (kg)
		H	L	A	J	N	N <sub>1</sub>	H <sub>1</sub>	H <sub>2</sub>	L <sub>1</sub>	B	S		No.	Basic load rating (N)			
		Cr	Cor															
20	MUCP204	33.3	127	30	95	13	19	9	64	42	31	12.7	M10	MUC204	10900	5300	MP204	0.50
25	MUCP205	36.5	140	30	105	13	19	10	70	42	34	14.3	M10	MUC205	11900	6300	MP205	0.65
	MUCP206	42.9	165	36	121	17	21	11	82	53	38.1	15.9	M14	MUC206	16700	9050	MP206	0.95
35	MUCP207	47.6	167	38	127	17	21	12	92	54	42.9	17.5	M14	MUC207	22000	12300	MP207	1.25
40	MUCP208	49.2	184	40	137	17	22	12	98	52	49.2	19	M14	MUC208	24900	14300	MP208	1.50
45	MUCP209	54	190	40	146	17	22	13	105	60	49.2	19	M14	MUC209	28100	16400	MP209	1.75
50	MUCP210	57.2	206	45	159	20	25	14	112	65	51.6	19	M16	MUC210	30200	18600	MP210	2.05

Remark: Grease nipple: 1/4-28UNF

**Silver series**

**Pillow Block Units**

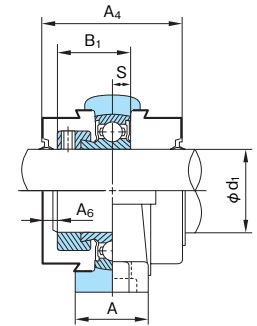
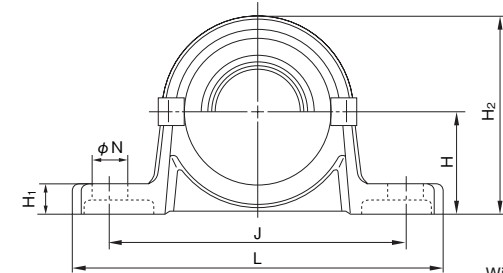
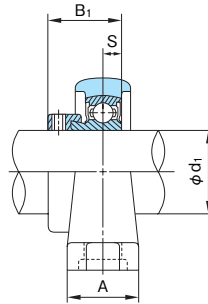
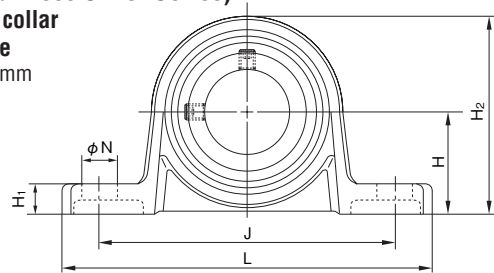
UP type

MUP type (Stainless Silver Series)

With eccentric collar

Cylindrical bore

Shaft dia.: 8~30mm



With steel covers

1N=0.102kgf

**UP type**

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)											Bolt size	Bearings			Housing No.	Unit No. with covers		Cover No. (Reference)		Mass of Unit (kg)	
		H	L	A	J	N	H <sub>1</sub>	H <sub>2</sub>	B <sub>1</sub>	S	A <sub>4</sub>	A <sub>6</sub>		No.	Basic load rating (N)			Covers with rubber seal (End cover on one side)	Cover with rubber seal	Side end cover	standard	with steel cover	
		Cr	Cor																				
10	UP000	18	67	16	53	7	6	35	17.5	4	33	2	M 6	U000+ER	4600	2000	P000	UP000C(E)	000CP10	000CPE	77	85	
12	UP001	19	71	16	56	7	6	38	17.5	4	33	2	M 6	U001+ER	5100	2400	P001	UP001C(E)	001CP12	001CPE	91	100	
15	UP002	22	80	16	63	7	7	43	18.5	4.5	34	2	M 6	U002+ER	5600	2800	P002	UP002C(E)	002CP15	002CPE	125	135	
17	UP003	24	85	18	67	7	7	47	20.5	5	38	2	M 6	U003+ER	6000	3300	P003	UP003C(E)	003CP17	003CPE	156	170	
20	UP004	28	100	20	80	10	9	55	24.5	6	46	3	M 8	U004+ER	9350	5100	P04-5	UP004C(E)	04-5CP20	04-5CPE	230	250	
25	UP005	32	112	20	90	10	10	62	25.5	6	47	3	M 8	U005+ER	10100	5800	P05-6	UP005C(E)	05-6CP25	05-6CPE	294	315	
30	UP006	36	132	26	106	13	11	70	26.5	6.5	50	4	M10	U006+ER	13200	8300	P06-7	UP006C(E)	06-7CP30	06-7CPE	454	480	
<i>8</i>	<i>UP 08</i>	<i>15</i>	<i>55</i>	<i>13</i>	<i>42</i>	<i>4.8</i>	<i>5</i>	<i>29</i>	<i>15</i>	<i>3.5</i>	—	—	<i>M 4</i>	<i>U08+ER(*)</i>	<i>3300</i>	<i>1260</i>	<i>P08</i>	—	—	—	<i>47</i>	—	

Note: (\*) Set screw type U08X is also available and the width of inner ring is 12mm.  
Remarks: 1. Please contact NACHI for unit numbers appearing in italic.

Remarks: 2. Examples of unit numbers with covers: Covers with rubber seal on both sides :UP005C  
An end cover and a cover with rubber seal:UP005E

**MUP type (Stainless Silver Series)**

1N=0.102kgf

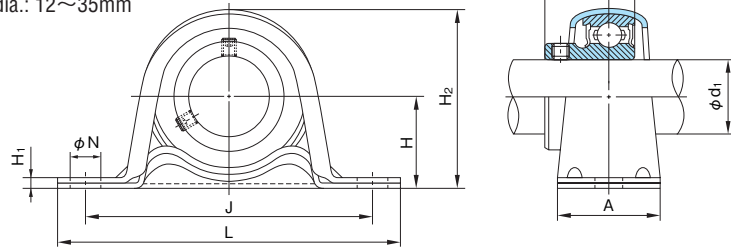
Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)											Bolt size	Bearings			Housing No.	Unit No. with covers		Cover No. (Reference)		Mass of Unit (kg)	
		H	L	A	J	N	H <sub>1</sub>	H <sub>2</sub>	B <sub>1</sub>	S	A <sub>4</sub>	A <sub>6</sub>		No.	Basic load rating (N)			Covers with rubber seal (End cover on one side)	Cover with rubber seal	Side end cover	standard	with steel cover	
		Cr	Cor																				
10	MUP000	18	67	16	53	7	6	35	17.5	4	33	2	M 6	MU000+ER	3900	1550	P000Z3	MUP000C(E)	000CP10	000CPE	77	85	
12	MUP001	19	71	16	56	7	6	38	17.5	4	33	2	M 6	MU001+ER	4300	1900	P001Z3	MUP001C(E)	001CP12	001CPE	91	100	
15	MUP002	22	80	16	63	7	7	43	18.5	4.5	34	2	M 6	MU002+ER	4750	2250	P002Z3	MUP002C(E)	002CP15	002CPE	125	135	
17	MUP003	24	85	18	67	7	7	47	20.5	5	38	2	M 6	MU003+ER	5100	2650	P003Z3	MUP003C(E)	003CP17	003CPE	156	170	
20	MUP004	28	100	20	80	10	9	55	24.5	6	46	3	M 8	MU004+ER	7900	4000	P04-5Z3	MUP004C(E)	04-5CP20	04-5CPE	230	250	
25	MUP005	32	112	20	90	10	10	62	25.5	6	47	3	M 8	MU005+ER	8600	4650	P05-6Z3	MUP005C(E)	05-6CP25	05-6CPE	294	315	
30	MUP006	36	132	26	106	13	11	70	26.5	6.5	50	4	M10	MU006+ER	11300	6600	P06-7Z3	MUP006C(E)	06-7CP30	06-7CPE	454	480	

Remark : Examples of unit numbers with covers: Covers with rubber seal on both sides :MUP005C  
An end cover and a cover with rubber seal:MUP005E



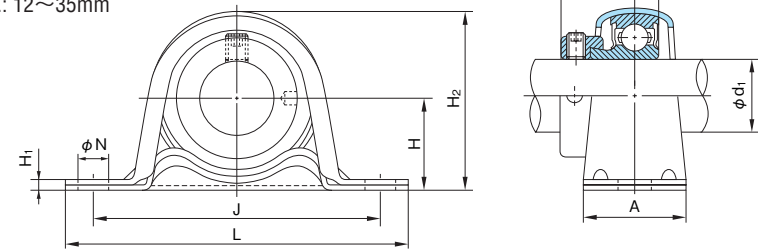
**Pressed Steel Pillow Block Units**

**BPP type**  
 With set screws  
 Cylindrical bore  
 Shaft dia.: 12~35mm



**BPP type**

**KHPP type**  
 With eccentric collar  
 Cylindrical bore  
 Shaft dia.: 12~35mm



Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)										Bolt size	Bearings				Housing No.	Mass of Unit (kg)	Limiting load (N)	
		H	L	A	J	N	H <sub>1</sub>	H <sub>2</sub>	B	S	No.		Basic load rating (N)		Radial	Axial				
													Cr	Cor						
1N=0.102kgf																				
12	BPP1	22.2	86	25	68	9.5	3.2	44	22	6	M 8	B1	9550	4800	PP3	0.16	2150	830		
15	BPP2	22.2	86	25	68	9.5	3.2	44	22	6	M 8	B2	9550	4800	PP3	0.15	2150	830		
17	BPP3	22.2	86	25	68	9.5	3.2	44	22	6	M 8	B3	9550	4800	PP3	0.13	2150	830		
20	BPP4	25.4	98	32	76	9.5	3.2	50	24.7	7	M 8	B4	12800	6600	PP4	0.21	2650	1030		
25	BPP5	28.6	108	32	86	11.5	4	56	27	7.5	M10	B5	14000	7900	PP5	0.29	3700	1470		
30	BPP6	33.3	117	38	95	11.5	4	66	30.3	8	M10	B6	19600	11300	PP6	0.42	4400	1670		
35	BPP7	39.7	129	42	106	11.5	4.6	78	32.9	8.5	M10	B7	25900	15400	PP7	0.61	4900	1860		

**KHPP type**

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)										Bolt size	Bearings				Housing No.	Mass of Unit (kg)	Limiting load (N)	
		H	L	A	J	N	H <sub>1</sub>	H <sub>2</sub>	B <sub>1</sub>	S	No.		Basic load rating (N)		Radial	Axial				
													Cr	Cor						
1N=0.102kgf																				
12	KHPP201A	22.2	86	25	68	9.5	3.2	44	28.6	6.5	M 8	KH201AE	9550	4800	PP3	0.18	2150	830		
15	KHPP202A	22.2	86	25	68	9.5	3.2	44	28.6	6.5	M 8	KH202AE	9550	4800	PP3	0.17	2150	830		
17	KHPP203A	22.2	86	25	68	9.5	3.2	44	28.6	6.5	M 8	KH203AE	9550	4800	PP3	0.16	2150	830		
20	KHPP204A	25.4	98	32	76	9.5	3.2	50	31	7.5	M 8	KH204AE	12800	6600	PP4	0.25	2650	1030		
25	KHPP205A	28.6	108	32	86	11.5	4	56	31	7.5	M10	KH205AE	14000	7900	PP5	0.33	3700	1470		
30	KHPP206A	33.3	117	38	95	11.5	4	66	35.7	9	M10	KH206AE	19600	11300	PP6	0.48	4400	1670		
35	KHPP207A	39.7	129	42	106	11.5	4.6	78	38.9	9.5	M10	KH207AE	25900	15400	PP7	0.72	4900	1860		

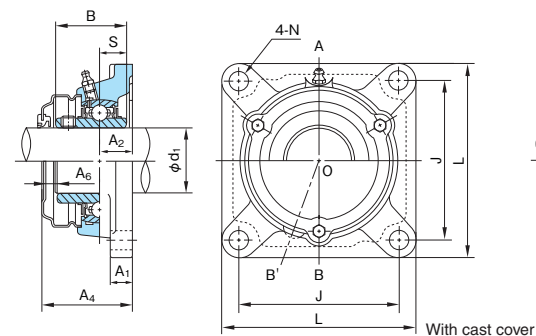
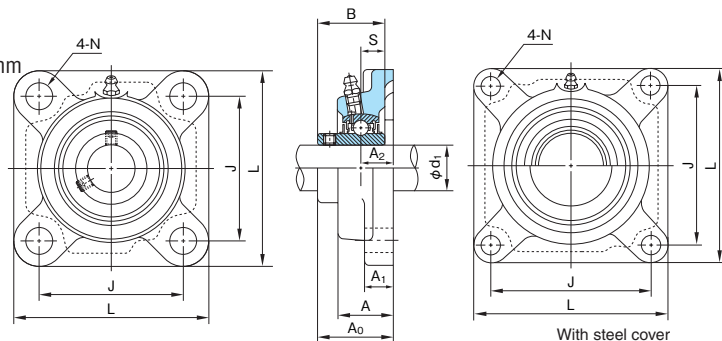
# Square Flange Units

UCF type

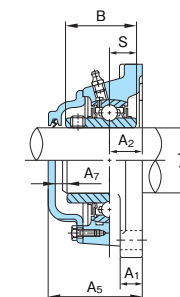
With set screws

Cylindrical bore

Shaft dia.: 12~60mm



Section A-O-B



(Note) Section A-O-B': CUCF200C (CE) series  
Section A-O-B : CUCF300C (CE) series

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)														Bolt size	Bearings			Housing No.	Unit No. with steel cover		Unit No. with cast cover			Mass of Unit (kg)		
		L	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>0</sub>	B	S	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>	No.		Basic load rating (N)		Cover with rubber seal (End cover)		Cover with rubber seal (End cover)	standard	with steel cover	with cast cover				
																	Cr	Cor										
12	UCF201	86	25.5	64	12	12	15	33.3	31	12.7	43	46	8	6	M10	UC201	12800	6600	F204	UCF201C(E)	CUCF201C(CE)	0.64	0.67	1.0				
15	UCF202	86	25.5	64	12	12	15	33.3	31	12.7	43	46	8	6	M10	UC202	12800	6600	F204	UCF202C(E)	CUCF202C(CE)	0.62	0.65	1.0				
17	UCF203	86	25.5	64	12	12	15	33.3	31	12.7	43	46	8	6	M10	UC203	12800	6600	F204	UCF203C(E)	CUCF203C(CE)	0.61	0.64	1.0				
20	UCF204	86	25.5	64	12	12	15	33.3	31	12.7	43	46	8	6	M10	UC204	12800	6600	F204	UCF204C(E)	CUCF204C(CE)	0.59	0.62	1.0				
25	UCF205	95	27	70	12	14	16	35.7	34	14.3	48	51	11	9	M10	UC205	14000	7900	F205	UCF205C(E)	CUCF205C(CE)	0.82	0.86	1.2				
	UCFX05	108	30	83	12	13	18	40.2	38.1	15.9	51	—	9	—	M10	UCX05	19600	11300	FX05	UCFX05C(E)	—	1.1	1.2	—				
	UCF305	110	29	80	16	13	16	39	38	15	—	55	—	10	M14	UC305	21300	10900	F305	—	CUCF305C(CE)	1.2	—	1.6				
30	UCF206	108	31	83	12	14	18	40.2	38.1	15.9	51	55	9	8	M10	UC206	19600	11300	F206	UCF206C(E)	CUCF206C(CE)	1.1	1.2	1.6				
	UCFX06	117	34	92	16	14	19	44.4	42.9	17.5	54	—	8	—	M14	UCX06	25900	15400	FX06	UCFX06C(E)	—	1.3	1.3	—				
	UCF306	125	32	95	16	15	18	44	43	17	—	60	—	10	M14	UC306	26800	15000	F306	—	CUCF306C(CE)	1.7	—	2.1				
35	UCF207	117	34	92	14	16	19	44.4	42.9	17.5	54	59	8	8	M12	UC207	25900	15400	F207	UCF207C(E)	CUCF207C(CE)	1.5	1.6	2.1				
	UCFX07	130	38	102	16	14	21	51.2	49.2	19	63	—	10	—	M14	UCX07	29300	17900	FX07	UCFX07C(E)	—	1.8	1.8	—				
	UCF307	135	36	100	19	16	20	49	48	19	—	65	—	10	M16	UC307	33500	19200	F307	—	CUCF307C(CE)	2.1	—	2.6				
40	UCF208	130	36	102	16	16	21	51.2	49.2	19	62	66	10	8	M14	UC208	29300	17900	F208	UCF208C(E)	CUCF208C(CE)	2.0	2.1	2.7				
	UCFX08	137	40	105	19	14	22	52.2	49.2	19	63	—	10	—	M16	UCX08	33000	20500	FX08	UCFX08C(E)	—	1.8	1.8	—				
	UCF308	150	40	112	19	17	23	56	52	19	—	73	—	11	M16	UC308	40500	23900	F308	—	CUCF308C(CE)	2.9	—	3.4				
45	UCF209	137	38	105	16	18	22	52.2	49.2	19	63	67	10	8	M14	UC209	33000	20500	F209	UCF209C(E)	CUCF209C(CE)	2.4	2.5	3.1				
	UCFX09	143	40	111	19	14	23	55.6	51.6	19	67	—	9	—	M16	UCX09	35500	23200	FX09	UCFX09C(E)	—	2.4	2.5	—				
	UCF309	160	44	125	19	18	25	60	57	22	—	78	—	12	M16	UC309	51500	29500	F309	—	CUCF309C(CE)	3.6	—	4.3				
50	UCF210	143	40	111	16	18	22	54.6	51.6	19	66	71	9	10	M14	UC210	35500	23200	F210	UCF210C(E)	CUCF210C(CE)	2.5	2.6	3.6				
	UCFX10	162	44	130	19	20	26	59.4	55.6	22.2	70	—	9	—	M16	UCX10	43000	29400	FX10	UCFX10C(E)	—	3.6	3.7	—				
	UCF310	175	48	132	23	19	28	67	61	22	—	85	—	12	M20	UC310	61500	38200	F310	—	CUCF310C(CE)	4.7	—	5.5				
55	UCF211	162	43	130	19	20	25	58.4	55.6	22.2	69	75	9	10	M16	UC211	43000	29400	F211	UCF211C(E)	CUCF211C(CE)	3.4	3.6	4.6				
	UCFX11	175	49	143	19	20	29	68.7	65.1	25.4	79	—	9	—	M16	UCX11	52500	36100	FX11	UCFX11C(E)	—	4.5	4.6	—				
	UCF311	185	52	140	23	20	30	71	66	25	—	90	—	13	M20	UC311	71500	44800	F311	—	CUCF311C(CE)	5.7	—	6.7				
60	UCF212	175	48	143	19	20	29	68.7	65.1	25.4	80	86	10	11	M16	UC212	52500	36100	F212	UCF212C(E)	CUCF212C(CE)	4.6	4.8	5.9				
	UCFX12	187	59	149	19	21	34	73.7	65.1	25.4	86	—	11	—	M16	UCX12	57500	40000	FX12	UCFX12C(E)	—	5.3	5.5	—				
	UCF312	195	56	150	23	22	33	78	71	26	—	98	—	14	M20	UC312	81500	52000	F312	—	CUCF312C(CE)	6.8	—	7.7				

Remarks: 1. Grease nipple : 1/4-28UNF

Remarks: 2. Examples of unit numbers with cover:

- With steel cover { Cover with rubber seal :UCF210C  
End cover :UCF210E
- With cast cover { Cover with rubber seal :CUCF210C  
End cover :CUCF210CE

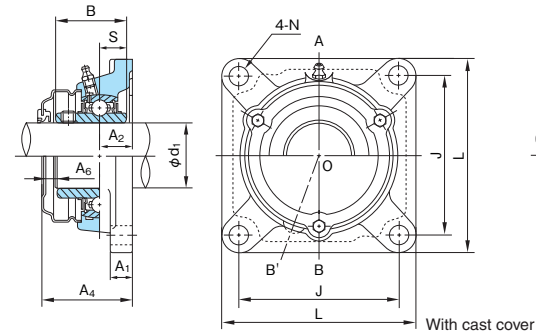
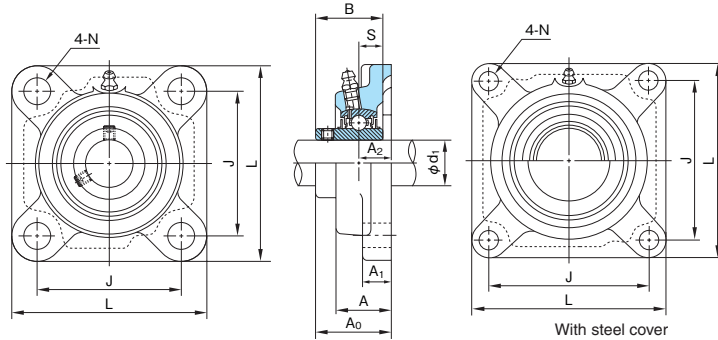
**Square Flange Units**

UCF type

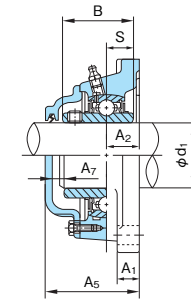
With set screws

Cylindrical bore

Shaft dia.:  
65~140mm



Section A-O-B



(Note) Section A-O-B': CUCF200C (CE) series  
Section A-O-B: CUCF300C (CE) series

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)													Bolt size	Bearings			Housing No.	Unit No. with steel cover Cover with rubber seal (End cover)	Unit No. with cast cover Cover with rubber seal (End cover)	Mass of Unit (kg)		
		L	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>0</sub>	B	S	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>		No.	Basic load rating (N)					standard	With steel cover	With cast cover
																	Cr	Cor						
65	UCF213	187	50	149	19	20	30	69.7	65.1	25.4	81	89	10	13	M16	UC213	57500	40000	F213	UCF213C(E)	CUCF213C(CE)	5.5	5.8	7.1
	UCFX13	187	59	149	19	21	34	78.4	74.6	30.2	—	—	—	—	M16	UCX13	62000	44000	FX13	—	—	5.5	—	—
	UCF313	208	58	166	23	22	33	78	75	30	—	103	—	17	M20	UC313	92500	59700	F313	—	CUCF313C(CE)	7.8	—	11.5
70	UCF214	193	54	152	19	24	31	75.4	74.6	30.2	—	98	—	16	M16	UC214	62000	44000	F214	—	CUCF214C(CE)	6.1	—	7.8
	UCFX14	197	60	152	23	24	37	81.5	77.8	33.3	—	—	—	—	M20	UCX14	66000	48200	FX14	—	—	7.7	—	—
	UCF314	226	61	178	25	25	36	81	78	33	—	106	—	17	M22	UC314	104000	68000	F314	—	CUCF314C(CE)	9.6	—	12.1
75	UCF215	200	56	159	19	24	34	78.5	77.8	33.3	—	102	—	17	M16	UC215	66000	48200	F215	—	CUCF215C(CE)	6.9	—	8.6
	UCFX15	197	68	152	23	24	40	89.3	82.6	33.3	—	—	—	—	M20	UCX15	72500	53000	FX15	—	—	7.7	—	—
	UCF315	236	66	184	25	25	39	89	82	32	—	114	—	17	M22	UC315	114000	76900	F315	—	CUCF315C(CE)	11.7	—	13.6
80	UCF216	208	58	165	23	24	34	83.3	82.6	33.3	—	107	—	15	M20	UC216	72500	53000	F216	—	CUCF216C(CE)	7.8	—	10.0
	UCFX16	214	70	171	23	24	40	91.6	85.7	34.1	—	—	—	—	M20	UCX16	83500	61800	FX16	—	—	10.2	—	—
	UCF316	250	68	196	31	27	38	90	86	34	—	115	—	17	M27	UC316	123000	86400	F316	—	CUCF316C(CE)	13.7	—	15.9
85	UCF217	220	63	175	23	26	36	87.6	85.7	34.1	—	111	—	15	M20	UC217	83500	61800	F217	—	CUCF217C(CE)	9.3	—	11.8
	UCFX17	214	70	171	23	24	40	96.3	96	39.7	—	—	—	—	M20	UCX17	95500	71400	FX17	—	—	10.2	—	—
	UCF317	260	74	204	31	27	44	100	96	40	—	126	—	18	M27	UC317	132000	96500	F317	—	CUCF317C(CE)	15.2	—	18.4
90	UCF218	235	68	187	23	26	40	96.3	96	39.7	—	122	—	17	M20	UC218	95500	71400	F218	—	CUCF218C(CE)	11.3	—	14.9
	UCFX18	214	76	171	23	24	45	106.1	104	42.9	—	—	—	—	M20	UCX18	109000	81600	FX18	—	—	10.6	—	—
	UCF318	280	76	216	35	30	44	100	96	40	—	128	—	20	M30	UC318	143000	107200	F318	—	CUCF318C(CE)	18.8	—	21.5
95	UCF319	290	94	228	35	30	59	121	103	41	—	149	—	20	M30	UC319	153000	118400	F319	—	CUCF319C(CE)	20.7	—	24.2
	UCFX20	268	97	211	31	31	59	127.3	117.5	49.2	—	—	—	—	M27	UCX20	134000	104700	FX20	—	—	16.8	—	—
	UCF320	310	94	242	38	32	59	125	108	42	—	154	—	21	M33	UC320	173000	140400	F320	—	CUCF320C(CE)	24.8	—	29.6
105	UCF321	310	94	242	38	32	59	127	112	44	—	156	—	21	M33	UC321	183000	153100	F321	—	CUCF321C(CE)	25.6	—	32.2
110	UCF322	340	96	266	41	35	60	131	117	46	—	165	—	26	M36	UC322	205000	178800	F322	—	CUCF322C(CE)	34.7	—	38.7
120	UCF324	370	110	290	41	40	65	140	126	51	—	175	—	25	M36	UC324	207000	184800	F324	—	CUCF324C(CE)	47.2	—	52.3
130	UCF326	410	115	320	41	45	65	146	135	54	—	180	—	24	M36	UC326	229000	214300	F326	—	CUCF326C(CE)	62.7	—	67.3
140	UCF328	450	125	350	41	55	75	161	145	59	—	195	—	24	M36	UC328	255000	246000	F328	—	CUCF328C(CE)	87.0	—	89.4

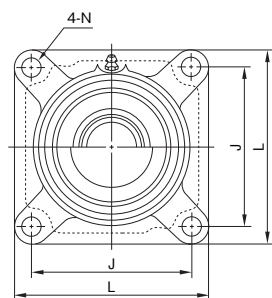
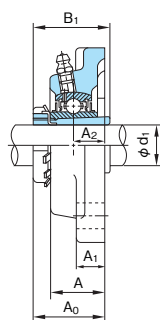
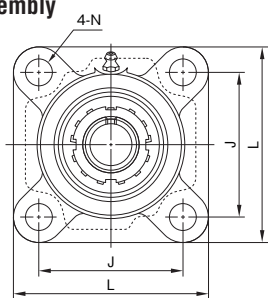
Remarks: 1. Grease nipple : 1/4-28UNF for bore number 13 and under  
PF1/8 for bore number 14 and over

Remarks: 2. Examples of unit numbers with cover:

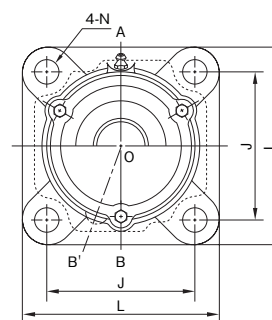
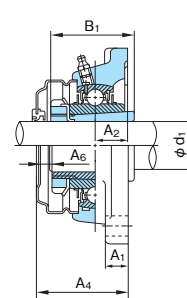
With steel cover { Cover with rubber seal :UCF213C  
End cover :UCF213E  
With cast cover { Cover with rubber seal :CUCF213C  
End cover :CUCF213CE

### Square Flange Units

**UKF+H type**  
**With adapter assembly**  
**Tapered bore**  
 Shaft dia.:  
 20~60mm

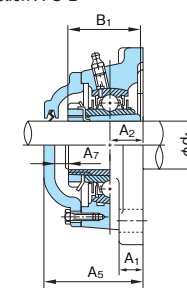


With steel cover



with cast cover

Section A-O-B



(Note) Section A-O-B': CUKF200C (CE) series+H series  
 Section A-O-B: CUKF300C (CE) series+H series

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)												Bolt size	Bearings			Housing No.	Unit No. with steel cover Cover with rubber seal (End cover)	Unit No. with cast cover Cover with rubber seal (End cover)	Mass of Unit (kg)		
		L	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>0</sub>	B <sub>1</sub>	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>		No.	Basic load rating (N)					standard	With steel cover	with cast cover
																Cr	Cor						
20	UKF205+H2305	95	27	70	12	14	16	35.5	35	48	51	11	9	M10	UK205+H2305	14000	7900	F205	UKF205C(E)+H2305	CUKF205C(CE)+H2305	0.87	0.91	1.3
	UKFX05+H2305	108	30	83	12	13	18	39	35	51	—	10	—	M10	UKX05+H2305	19600	11300	FX05	UKFX05C(E)+H2305	—	1.1	1.2	—
	UKF305+H2305	110	29	80	16	13	16	37	35	—	55	—	12	M14	UK305+H2305	21300	10900	F305	—	CUKF305C(CE)+H2305	1.2	—	1.7
25	UKF206+H2306	108	31	83	12	14	18	39	38	51	55	10	10	M10	UK206+H2306	19600	11300	F206	UKF206C(E)+H2306	CUKF206C(CE)+H2306	1.2	1.3	1.7
	UKFX06+H2306	117	34	92	16	14	19	40.5	38	54	—	12	—	M14	UKX06+H2306	25900	15400	FX06	UKFX06C(E)+H2306	—	1.4	1.4	—
	UKF306+H2306	125	32	95	16	15	18	40.5	38	—	60	—	13	M14	UK306+H2306	26800	15000	F306	—	CUKF306C(CE)+H2306	1.7	—	2.2
30	UKF207+H2307	117	34	92	14	16	19	41.5	43	54	59	11	11	M12	UK207+H2307	25900	15400	F207	UKF207C(E)+H2307	CUKF207C(CE)+H2307	1.5	1.7	2.2
	UKFX07+H2307	130	38	102	16	14	21	44.5	43	63	—	17	—	M14	UKX07+H2307	29300	17900	FX07	UKFX07C(E)+H2307	—	1.8	1.8	—
	UKF307+H2307	135	36	100	19	16	20	44.5	43	—	65	—	14	M16	UK307+H2307	33500	19200	F307	—	CUKF307C(CE)+H2307	2.1	—	2.7
35	UKF208+H2308	130	36	102	16	16	21	45.5	46	62	66	15	14	M14	UK208+H2308	29300	17900	F208	UKF208C(E)+H2308	CUKF208C(CE)+H2308	2.1	2.2	2.8
	UKFX08+H2308	137	40	105	19	14	22	47	46	63	—	15	—	M16	UKX08+H2308	33000	20500	FX08	UKFX08C(E)+H2308	—	1.8	1.8	—
	UKF308+H2308	150	40	112	19	17	23	50	46	—	73	—	17	M16	UK308+H2308	40500	23900	F308	—	CUKF308C(CE)+H2308	3.0	—	3.5
40	UKF209+H2309	137	38	105	16	18	22	48	50	63	67	14	13	M14	UK209+H2309	33000	20500	F209	UKF209C(E)+H2309	CUKF209C(CE)+H2309	2.5	2.6	3.2
	UKFX09+H2309	143	40	111	19	14	23	49.5	50	67	—	16	—	M16	UKX09+H2309	35500	23200	FX09	UKFX09C(E)+H2309	—	2.4	2.5	—
	UKF309+H2309	160	44	125	19	18	25	54.5	50	—	78	—	17	M16	UK309+H2309	51500	29500	F309	—	CUKF309C(CE)+H2309	3.6	—	4.4
45	UKF210+H2310	143	40	111	16	18	22	49.5	55	66	71	15	15	M14	UK210+H2310	35500	23200	F210	UKF210C(E)+H2310	CUKF210C(CE)+H2310	2.7	2.8	3.8
	UKFX10+H2310	162	44	130	19	20	26	54.5	55	70	—	14	—	M16	UKX10+H2310	43000	29400	FX10	UKFX10C(E)+H2310	—	3.6	3.7	—
	UKF310+H2310	175	48	132	23	19	28	60	55	—	85	—	19	M20	UK310+H2310	61500	38200	F310	—	CUKF310C(CE)+H2310	4.8	—	5.8
50	UKF211+H2311	162	43	130	19	20	25	53.5	59	69	75	14	15	M16	UK211+H2311	43000	29400	F211	UKF211C(E)+H2311	CUKF211C(CE)+H2311	3.6	3.8	4.8
	UKFX11+H2311	175	49	143	19	20	29	59	59	79	—	19	—	M16	UKX11+H2311	52500	36100	FX11	UKFX11C(E)+H2311	—	4.3	4.4	—
	UKF311+H2311	185	52	140	23	20	30	63.5	59	—	90	—	20	M20	UK311+H2311	71500	44800	F311	—	CUKF311C(CE)+H2311	5.7	—	6.8
55	UKF212+H2312	175	48	143	19	20	29	60	62	80	86	19	20	M16	UK212+H2312	52500	36100	F212	UKF212C(E)+H2312	CUKF212C(CE)+H2312	4.6	4.9	6.0
	UKFX12+H2312	187	59	149	19	21	34	66	62	86	—	19	—	M16	UKX12+H2312	57500	40000	FX12	UKFX12C(E)+H2312	—	5.3	5.4	—
	UKF312+H2312	195	56	150	23	22	33	69	62	—	98	—	23	M20	UK312+H2312	81500	52000	F312	—	CUKF312C(CE)+H2312	6.7	—	7.8
60	UKF213+H2313	187	50	149	19	20	30	63	65	81	89	17	20	M16	UK213+H2313	57500	40000	F213	UKF213C(E)+H2313	CUKF213C(CE)+H2313	5.7	6.0	7.2
	UKFX13+H2313	187	59	149	19	21	34	68	65	—	—	—	—	M16	UKX13+H2313	62000	44000	FX13	—	—	5.2	—	—
	UKF313+H2313	208	58	166	23	22	33	71	65	—	103	—	24	M20	UK313+H2313	92500	59700	F313	—	CUKF313C(CE)+H2313	7.7	—	11.5

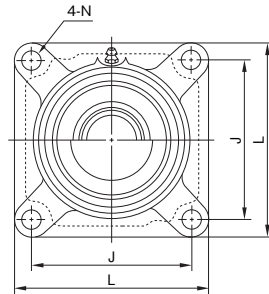
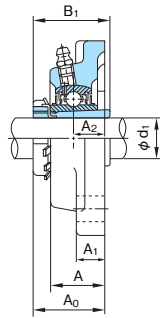
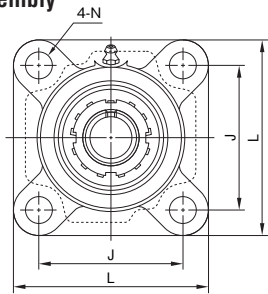
Remarks: 1. Grease nipple: 1/4-28UNF

Remarks: 2. Examples of unit numbers with cover:

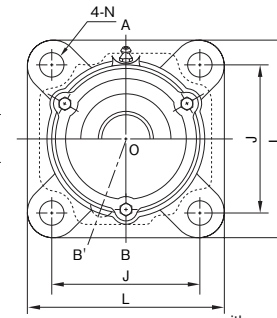
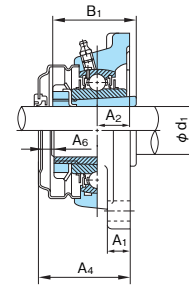
With steel cover { Cover with rubber seal :UKF210C+H2310  
 End cover :UKF210E+H2310  
 with cast cover { Cover with rubber seal :CUKF210C+H2310  
 End cover :CUKF210CE+H2310

**Square Flange Units**

**UKF+H type**  
**With adapter assembly**  
**Tapered bore**  
 Shaft dia.:  
 65~125mm

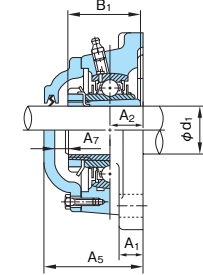


With steel cover



with cast cover

Section A-O-B



(Note) Section A-O-B': CUKF200C (CE) series+H series  
 Section A-O-B: CUKF300C (CE) series+H series

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)												Bolt size	Bearings			Housing No.	Unit No. with steel cover Cover with rubber seal (End cover)	Unit No. with cast cover Cover with rubber seal (End cover)	Mass of Unit (kg)		
		L	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>0</sub>	B <sub>1</sub>	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>		No.	Basic load rating (N)					standard	With steel cover	with cast cover
																Cr	Cor						
65	UKF215+H2315	200	56	159	19	24	34	69.5	73	—	102	—	26	M16	UK215+H2315	66000	48200	F215	—	CUKF215C(CE)+H2315	7.3	—	9.0
	UKFX15+H2315	197	68	152	23	24	40	77	73	—	—	—	M20	UKX15+H2315	72500	53000	FX15	—	—	7.7	—	—	
	UKF315+H2315	236	66	184	25	25	39	81	73	—	114	—	25	M22	UK315+H2315	114000	76900	F315	—	CUKF315C(CE)+H2315	11.8	—	14.0
70	UKF216+H2316	208	58	165	23	24	34	73	78	—	107	—	26	M20	UK216+H2316	72500	53000	F216	—	CUKF216C(CE)+H2316	8.2	—	10.4
	UKFX16+H2316	214	70	171	23	24	40	80	78	—	—	—	M20	UKX16+H2316	83500	61800	FX16	—	—	10.2	—	—	
	UKF316+H2316	250	68	196	31	27	38	83.5	78	—	115	—	23	M27	UK316+H2316	123000	86400	F316	—	CUKF316C(CE)+H2316	13.9	—	16.3
75	UKF217+H2317	220	63	175	23	26	36	77	82	—	111	—	26	M20	UK217+H2317	83500	61800	F217	—	CUKF217C(CE)+H2317	9.8	—	12.4
	UKFX17+H2317	214	70	171	23	24	40	82.5	82	—	—	—	M20	UKX17+H2317	95500	71400	FX17	—	—	10.1	—	—	
	UKF317+H2317	260	74	204	31	27	44	92	82	—	126	—	26	M27	UK317+H2317	132000	96500	F317	—	CUKF317C(CE)+H2317	15.1	—	18.6
80	UKF218+H2318	235	68	187	23	26	40	82.5	86	—	122	—	31	M20	UK218+H2318	95500	71400	F218	—	CUKF218C(CE)+H2318	11.7	—	15.3
	UKFX18+H2318	214	76	171	23	24	45	89	86	—	—	—	M20	UKX18+H2318	109000	81600	FX18	—	—	10.2	—	—	
	UKF318+H2318	280	76	216	35	30	44	93.5	86	—	128	—	26	M30	UK318+H2318	143000	107200	F318	—	CUKF318C(CE)+H2318	19.0	—	22.5
85	UKF319+H2319	290	94	228	35	30	59	111	90	—	149	—	30	M30	UK319+H2319	153000	118400	F319	—	CUKF319C(CE)+H2319	20.8	—	24.4
90	UKFX20+H2320	268	97	211	31	31	59	108	97	—	—	—	M27	UKX20+H2320	134000	104700	FX20	—	—	15.9	—	—	
	UKF320+H2320	310	94	242	38	32	59	115	97	—	154	—	31	M33	UK320+H2320	173000	140400	F320	—	CUKF320C(CE)+H2320	24.8	—	30.2
100	UKF322+H2322	340	96	266	41	35	60	121	105	—	165	—	36	M36	UK322+H2322	205000	178800	F322	—	CUKF322C(CE)+H2322	34.8	—	39.4
110	UKF324+H2324	370	110	290	41	40	65	130	112	—	175	—	35	M36	UK324+H2324	207000	184800	F324	—	CUKF324C(CE)+H2324	46.7	—	52.5
115	UKF326+H2326	410	115	320	41	45	65	134	121	—	180	—	36	M36	UK326+H2326	229000	214300	F326	—	CUKF326C(CE)+H2326	63.0	—	68.8
125	UKF328+H2328	450	125	350	41	55	75	148	131	—	195	—	37	M36	UK328+H2328	255000	246000	F328	—	CUKF328C(CE)+H2328	87.3	—	90.9

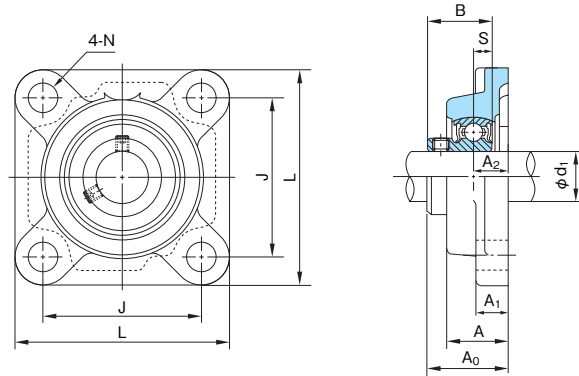
Remarks: 1. Grease nipple : PF1/8

Remarks: 2. Examples of unit numbers with cover:

With cast cover { Cover with rubber seal :CUKF215C+H2315  
 End cover :CUKF215CE+H2315

**Square Flange Units**

**BF type**  
 With set screws  
 Cylindrical bore  
 Shaft dia.: 20~35mm

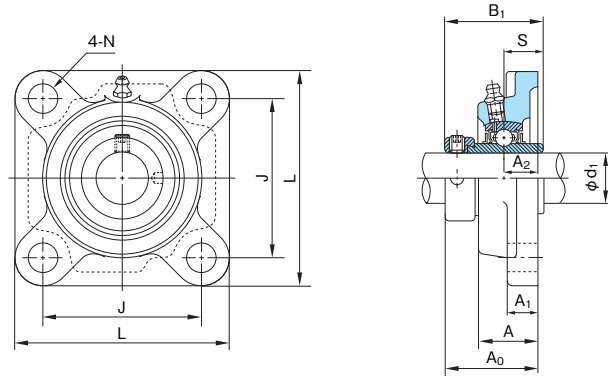


1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)										Bolt size	Bearings			Housing No.	Mass of Unit (kg)
		L	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>0</sub>	B	S	No.		Basic load rating (N)				
													C <sub>r</sub>	C <sub>or</sub>			
20	BF204	86	25.5	64	12	12	15	32.7	24.7	7	M10	B4	12800	6600	F204 G00	0.55	
25	BF205	95	27	70	12	14	16	36.2	27	7.5	M10	B5	14000	7900	F205 G00	0.79	
30	BF206	108	31	83	12	14	18	40.3	30.3	8	M10	B6	19600	11300	F206 G00	1.1	
35	BF207	117	34	92	14	16	19	43.4	32.9	8.5	M12	B7	25900	15400	F207 G00	1.5	

**Square Flange Units**

**UGF type**  
**With eccentric collar**  
**Cylindrical bore**  
 Shaft dia.: 20~60mm



1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)									Bolt size	Bearings			Housing No.	Mass of Unit (kg)
		L	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>0</sub>	B <sub>1</sub>	S		No.	Basic load rating (N)			
													C <sub>r</sub>	C <sub>or</sub>		
20	UGF204	86	25.5	64	12	12	15	41.6	43.7	17.1	M10	UG204+ER	12800	6600	F204	0.63
25	UGF205	95	27	70	12	14	16	42.9	44.4	17.5	M10	UG205+ER	14000	7900	F205	0.76
30	UGF206	108	31	83	12	14	18	48.1	48.4	18.3	M10	UG206+ER	19600	11300	F206	1.1
35	UGF207	117	34	92	14	16	19	51.3	51.1	18.8	M12	UG207+ER	25900	15400	F207	1.5
40	UGF208	130	36	102	16	16	21	55.9	56.3	21.4	M14	UG208+ER	29300	17900	F208	1.9
45	UGF209	137	38	105	16	18	22	56.9	56.3	21.4	M14	UG209+ER	33000	20500	F209	2.9
50	UGF210	143	40	111	16	18	22	60.1	62.7	24.6	M14	UG210+ER	35500	23200	F210	2.5
55	UGF211	162	43	130	19	20	25	68.6	71.4	27.8	M16	UG211+ER	43000	29400	F211	3.6
60	UGF212	175	48	143	19	20	29	75.8	77.8	31	M16	UG212+ER	52500	36100	F212	4.3

Remark: Grease nipple: 1/4-28UNF

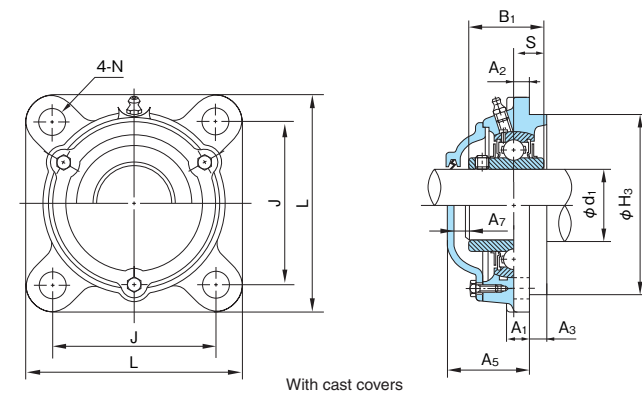
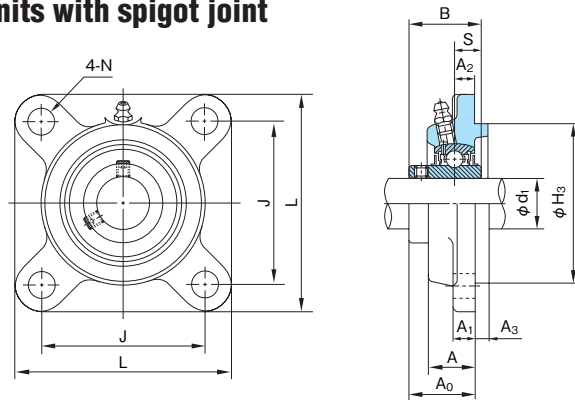
**Square Flange Units with spigot joint**

UCFS type

With set screws

Cylindrical bore

Shaft dia.: 25~140mm



1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)													Bolt size	Bearings			Housing No.	Unit No. with cast cover		Mass of Unit (kg)	
		L	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>3</sub>	H <sub>3</sub>	A <sub>0</sub>	B	S	A <sub>5</sub>	A <sub>7</sub>		No.	Basic load rating (N)			Cover with rubber seal (End cover)	standard	With cast cover	
																	Cr	Cor					
25	UCFS305	110	22	80	16	13	9	7	80	32	38	15	48	10	M14	UC305	21300	10900	FS305	CUCFS305C(CE)	1.4	1.7	
30	UCFS306	125	24	95	16	15	10	8	90	36	43	17	52	10	M14	UC306	26800	15000	FS306	CUCFS306C(CE)	1.9	2.3	
35	UCFS307	135	27	100	19	16	11	9	100	40	48	19	56	10	M16	UC307	33500	19200	FS307	CUCFS307C(CE)	2.4	2.8	
40	UCFS308	150	30	112	19	17	13	10	115	46	52	19	63	11	M16	UC308	40500	23900	FS308	CUCFS308C(CE)	3.3	3.8	
45	UCFS309	160	33	125	19	18	14	11	125	49	57	22	67	12	M16	UC309	51500	29500	FS309	CUCFS309C(CE)	4.0	4.8	
50	UCFS310	175	36	132	23	19	16	12	140	55	61	22	73	12	M20	UC310	61500	38200	FS310	CUCFS310C(CE)	5.3	6.1	
55	UCFS311	185	39	140	23	20	17	13	150	58	66	25	77	13	M20	UC311	71500	44800	FS311	CUCFS311C(CE)	6.2	8.2	
60	UCFS312	195	42	150	23	22	19	14	160	64	71	26	84	14	M20	UC312	81500	52000	FS312	CUCFS312C(CE)	7.4	8.5	
65	UCFS313	208	40	166	23	22	15	18	175	60	75	30	85	17	M20	UC313	92500	59700	FS313	CUCFS313C(CE)	8.6	10.6	
70	UCFS314	226	43	178	25	25	18	18	185	63	78	33	88	17	M22	UC314	104000	68000	FS314	CUCFS314C(CE)	11.2	13.0	
75	UCFS315	236	48	184	25	25	21	18	200	71	82	32	96	17	M22	UC315	114000	76900	FS315	CUCFS315C(CE)	12.7	15.5	
80	UCFS316	250	48	196	31	27	18	20	210	70	86	34	95	17	M27	UC316	123000	86400	FS316	CUCFS316C(CE)	14.3	17.6	
85	UCFS317	260	54	204	31	27	24	20	220	80	96	40	106	18	M27	UC317	132000	96500	FS317	CUCFS317C(CE)	17.2	20.7	
90	UCFS318	280	56	216	35	30	24	20	240	80	96	40	108	20	M30	UC318	143000	107200	FS318	CUCFS318C(CE)	20.4	24.9	
95	UCFS319	290	74	228	35	30	39	20	250	101	103	41	129	20	M30	UC319	153000	118400	FS319	CUCFS319C(CE)	23.9	27.4	
100	UCFS320	310	74	242	38	32	39	20	260	105	108	42	134	21	M33	UC320	173000	140400	FS320	CUCFS320C(CE)	27.1	33.9	
105	UCFS321	310	74	242	38	32	39	20	260	107	112	44	136	21	M33	UC321	183000	153100	FS321	CUCFS321C(CE)	28.5	35.7	
110	UCFS322	340	71	266	41	35	35	25	300	106	117	46	140	26	M36	UC322	205000	178800	FS322	CUCFS322C(CE)	36.8	43.6	
120	UCFS324	370	80	290	41	40	35	30	330	110	126	51	145	25	M36	UC324	207000	184800	FS324	CUCFS324C(CE)	50.6	58.6	
130	UCFS326	410	85	320	41	45	35	30	360	116	135	54	150	24	M36	UC326	229000	214300	FS326	CUCFS326C(CE)	67.8	75.7	
140	UCFS328	450	95	350	41	55	45	30	400	131	145	59	165	24	M36	UC328	255000	246000	FS328	CUCFS328C(CE)	96.3	100	

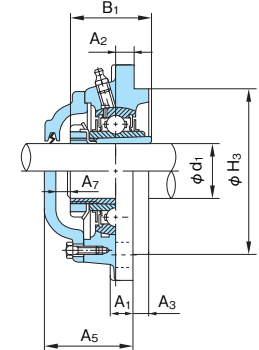
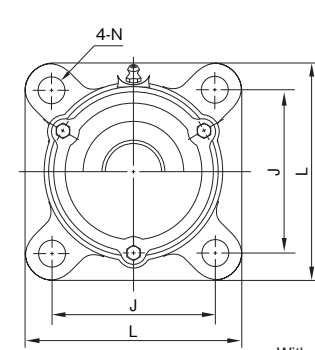
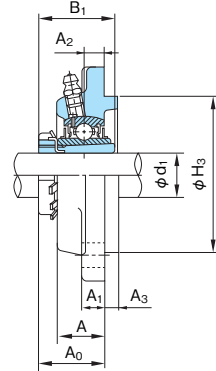
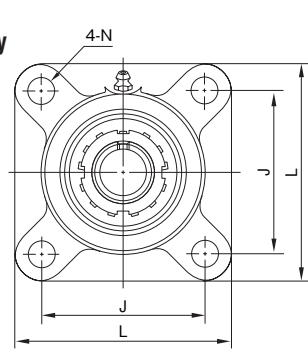
Remarks: 1. Grease nipple: 1/4-28UNF for bore number 13 and under  
PF1/8 for bore number 14 and over

Remarks: 2. Examples of unit numbers with cover:  
With cast cover { Cover with rubber seal :CUCFS310C  
End cover :CUCFS310CE



### ■ Square Flange Units with spigot joint

**UKFS+H type**  
**With adapter assembly**  
**Tapered bore**  
 Shaft dia. : 20~125mm



With cast covers

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)													Bolt size	Bearings			Housing No.	Unit No. with cast cover		Mass of Unit (kg)	
		L	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>3</sub>	H <sub>3</sub>	A <sub>0</sub>	B <sub>1</sub>	A <sub>5</sub>	A <sub>7</sub>	No.		Basic load rating (N)		Cover with rubber seal (End cover)		standard	With cast cover		
																Cr	Cor						
20	UKFS305+H2305	110	22	80	16	13	9	7	80	30	35	48	12	M14	UK305+H2305	21300	10900	FS305	CUKFS305C(CE)+H2305	1.4	1.8		
25	UKFS306+H2306	125	24	95	16	15	10	8	90	32.5	38	52	13	M14	UK306+H2306	26800	15000	FS306	CUKFS306C(CE)+H2306	1.9	2.4		
30	UKFS307+H2307	135	27	100	19	16	11	9	100	35.5	43	56	14	M16	UK307+H2307	33500	19200	FS307	CUKFS307C(CE)+H2307	2.4	2.9		
35	UKFS308+H2308	150	30	112	19	17	13	10	115	40	46	63	17	M16	UK308+H2308	40500	23900	FS308	CUKFS308C(CE)+H2308	3.3	3.9		
40	UKFS309+H2309	160	33	125	19	18	14	11	125	43.5	50	67	17	M16	UK309+H2309	51500	29500	FS309	CUKFS309C(CE)+H2309	4.0	4.9		
45	UKFS310+H2310	175	36	132	23	19	16	12	140	48	55	73	19	M20	UK310+H2310	61500	38200	FS310	CUKFS310C(CE)+H2310	5.3	6.4		
50	UKFS311+H2311	185	39	140	23	20	17	13	150	50.5	59	77	20	M20	UK311+H2311	71500	44800	FS311	CUKFS311C(CE)+H2311	6.2	8.3		
55	UKFS312+H2312	195	42	150	23	22	19	14	160	55	62	84	23	M20	UK312+H2312	81500	52000	FS312	CUKFS312C(CE)+H2312	7.4	8.6		
60	UKFS313+H2313	208	40	166	23	22	15	18	175	53	65	85	24	M20	UK313+H2313	92500	59700	FS313	CUKFS313C(CE)+H2313	8.5	10.6		
65	UKFS315+H2315	236	48	184	25	25	21	18	200	63	73	96	25	M22	UK315+H2315	114000	76900	FS315	CUKFS315C(CE)+H2315	12.8	15.9		
70	UKFS316+H2316	250	48	196	31	27	18	20	210	63.5	78	95	23	M27	UK316+H2316	123000	86400	FS316	CUKFS316C(CE)+H2316	14.5	18.0		
75	UKFS317+H2317	260	54	204	31	27	24	20	220	72	82	106	26	M27	UK317+H2317	132000	96500	FS317	CUKFS317C(CE)+H2317	17.2	20.9		
80	UKFS318+H2318	280	56	216	35	30	24	20	240	73.5	86	108	26	M30	UK318+H2318	143000	107200	FS318	CUKFS318C(CE)+H2318	20.6	25.9		
85	UKFS319+H2319	290	74	228	35	30	39	20	250	91	90	129	30	M30	UK319+H2319	153000	118400	FS319	CUKFS319C(CE)+H2319	23.9	27.6		
90	UKFS320+H2320	310	74	242	38	32	39	20	260	95	97	134	31	M33	UK320+H2320	173000	140400	FS320	CUKFS320C(CE)+H2320	27.1	34.5		
100	UKFS322+H2322	340	71	266	41	35	35	25	300	96	105	140	36	M36	UK322+H2322	205000	178800	FS322	CUKFS322C(CE)+H2322	36.7	44.3		
110	UKFS324+H2324	370	80	290	41	40	35	30	330	100	112	145	35	M36	UK324+H2324	207000	184800	FS324	CUKFS324C(CE)+H2324	50.1	58.8		
115	UKFS326+H2326	410	85	320	41	45	35	30	360	104	121	150	36	M36	UK326+H2326	229000	214300	FS326	CUKFS326C(CE)+H2326	68.1	77.2		
125	UKFS328+H2328	450	95	350	41	55	45	30	400	118	131	165	37	M36	UK238+H2328	255000	246000	FS328	CUKFS328C(CE)+H2328	96.6	102.0		

Remarks: 1. Grease nipple: 1/4-28UNF for bore number 13 and under  
 PF1/8 for bore number 14 and over

Remarks: 2. Examples of unit numbers with cover:

With cast cover { Cover with rubber seal :CUKFS310C+H2310  
 End cover :CUKFS310CE+H2310

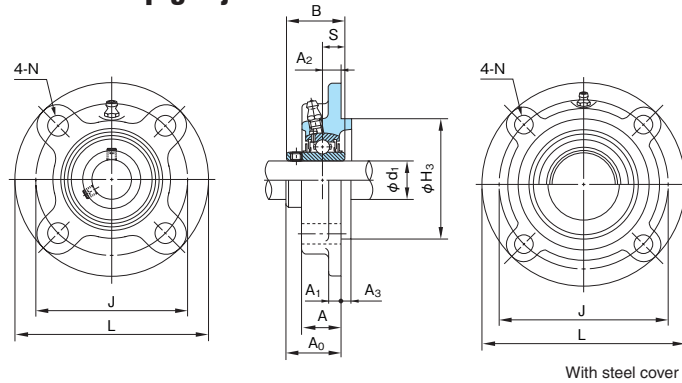
### Round Flange Units with spigot joint

UCFC type

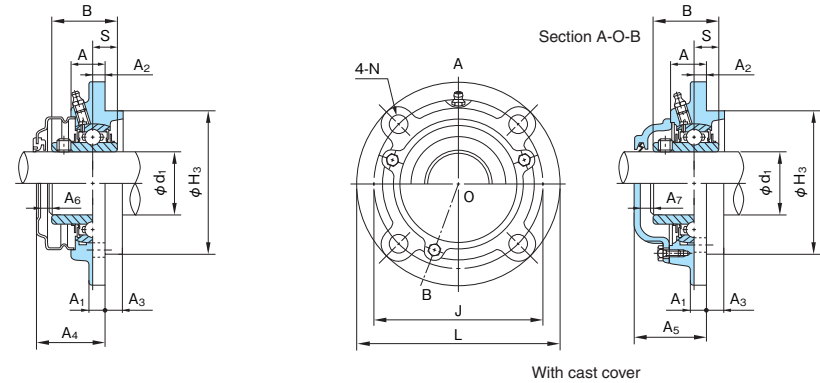
With set screws

Cylindrical bore

Shaft dia.: 12~70mm



With steel cover



With cast cover

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)																	Bolt size	Bearings			Housing No.	Unit No. with steel cover Cover with rubber seal (End cover)	Unit No. with cast cover Cover with rubber seal (End cover)	Mass of Unit (kg)		
		L	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>3</sub>	H <sub>3</sub>	A <sub>0</sub>	B	S	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>	No.	Basic load rating (N)		standard	With steel cover	With cast cover						
																		Cr								Cor		
12	UCFC201	100	20.5	78	12	7	10	5	62	28.3	31	12.7	38	41	8	6	M10	UC201	12800	6600	FC204	UCFC201C(E)	CUCFC201C(CE)	0.89	0.92	1.2		
15	UCFC202	100	20.5	78	12	7	10	5	62	28.3	31	12.7	38	41	8	6	M10	UC202	12800	6600	FC204	UCFC202C(E)	CUCFC202C(CE)	0.87	0.90	1.2		
17	UCFC203	100	20.5	78	12	7	10	5	62	28.3	31	12.7	38	41	8	6	M10	UC203	12800	6600	FC204	UCFC203C(E)	CUCFC203C(CE)	0.86	0.89	1.2		
20	UCFC204	100	20.5	78	12	7	10	5	62	28.3	31	12.7	38	41	8	6	M10	UC204	12800	6600	FC204	UCFC204C(E)	CUCFC204C(CE)	0.84	0.87	1.2		
25	UCFC205	115	21	90	12	7	10	6	70	29.7	34	14.3	42	45	11	9	M10	UC205	14000	7900	FC205	UCFC205C(E)	CUCFC205C(CE)	1.1	1.1	1.5		
	UCFCX05	111	24	92	9.5	9.5	10	6	76	32.2	38.1	15.9	43	—	9	—	M 8	UCX05	19600	11300	FCX05	UCFCX05C(E)	—	1.1	1.1	—		
30	UCFC206	125	23	100	12	8	10	8	80	32.2	38.1	15.9	43	47	9	8	M10	UC206	19600	11300	FC206	UCFC206C(E)	CUCFC206C(CE)	1.5	1.5	2.0		
	UCFCX06	127	22.5	105	12	9.5	8	9.5	85	33.4	42.9	17.5	43	—	8	—	M10	UCX06	25900	15400	FCX06	UCFCX06C(E)	—	1.4	1.4	—		
35	UCFC207	135	26	110	14	9	11	8	90	36.4	42.9	17.5	46	51	8	8	M12	UC207	25900	15400	FC207	UCFC207C(E)	CUCFC207C(CE)	1.7	1.8	2.4		
	UCFCX07	133	26	111	12	11	9	11	92	39.2	49.2	19	48	—	7	—	M10	UCX07	29300	17900	FCX07	UCFCX07C(E)	—	1.8	1.8	—		
40	UCFC208	145	26	120	14	9	11	10	100	41.2	49.2	19	52	56	10	8	M12	UC208	29300	17900	FC208	UCFC208C(E)	CUCFC208C(CE)	2.1	2.1	2.8		
	UCFCX08	133	26	111	12	11	9	11	92	39.2	49.2	19	50	—	10	—	M10	UCX08	33000	20500	FCX08	UCFCX08C(E)	—	1.8	1.8	—		
45	UCFC209	160	26	132	16	14	10	12	105	40.2	49.2	19	51	55	10	8	M14	UC209	33000	20500	FC309	UCFC209C(E)	CUCFC209C(CE)	3.0	3.1	3.7		
	UCFCX09	155	25	130	14	11	8	12	108	40.6	51.6	19	52	—	10	—	M12	UCX09	35500	23200	FCX09	UCFCX09C(E)	—	2.5	2.6	—		
50	UCFC210	165	28	138	16	14	10	12	110	42.6	51.6	19	54	59	9	10	M14	UC210	35500	23200	FC210	UCFC210C(E)	CUCFC210C(CE)	3.1	3.3	4.2		
	UCFCX10	162	25	136	14	11	7	16	118	40.4	55.6	22.2	51	—	9	—	M12	UCX10	43000	29400	FCX10	UCFCX10C(E)	—	2.9	3.0	—		
55	UCFC211	185	31	150	19	15	13	12	125	46.4	55.6	22.2	57	63	9	10	M16	UC211	43000	29400	FC211	UCFC211C(E)	CUCFC211C(CE)	3.9	4.0	5.0		
	UCFCX11	180	26	152	16	13	4	22	127	43.7	65.1	25.4	54	—	9	—	M14	UCX11	52500	36100	FCX11	UCFCX11C(E)	—	4.0	4.2	—		
60	UCFC212	195	36	160	19	15	17	12	135	56.7	65.1	25.4	68	74	10	11	M16	UC212	52500	36100	FC212	UCFC212C(E)	CUCFC212C(CE)	4.4	4.6	6.0		
	UCFCX12	194	33	165	16	14	11	20	140	50.7	65.1	25.4	63	—	11	—	M14	UCX12	57500	40000	FCX12	UCFCX12C(E)	—	4.6	4.8	—		
65	UCFC213	205	36	170	19	15	16	14	145	55.7	65.1	25.4	67	75	10	13	M16	UC213	57500	40000	FC213	UCFC213C(E)	CUCFC213C(CE)	5.3	5.5	7.0		
	UCFCX13	194	33	165	16	14	11	20	140	55.4	74.6	30.2	—	—	—	—	M14	UCX13	62000	44000	FCX13	—	—	4.9	—	—		
70	UCFC214	215	40	177	19	18	17	14	150	61.4	74.6	30.2	—	84	—	16	M16	UC214	62000	44000	FC214	—	CUCFC214C(CE)	6.8	—	8.2		
	UCFCX14	222	36	190	19	14	14	20	164	58.5	77.8	33.3	—	—	—	—	M16	UCX14	66000	48200	FCX14	—	—	7.4	—	—		

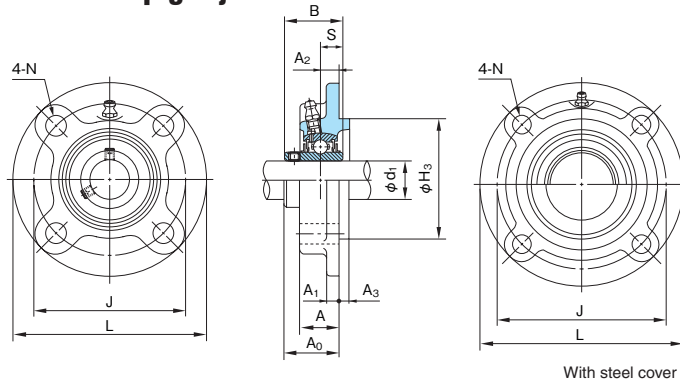
Remarks: 1. Grease nipple: 1/4-28UNF for bore number 13 and under  
PF-1/8 for bore number 14 and over

Remarks: 2. Examples of unit numbers with cover:

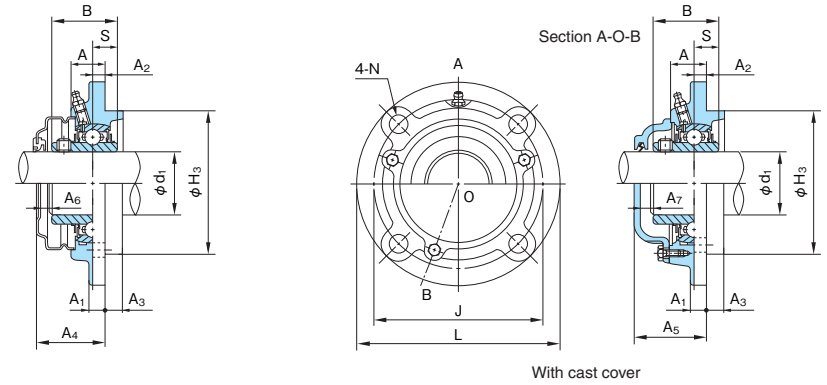
With steel cover { Cover with rubber seal :UCFC210C  
End cover :UCFC210E  
With cast cover { Cover with rubber seal :CUCFC210C  
End cover :CUCFC210CE

### Round Flange Units with spigot joint

UCFC type  
With set screws  
Cylindrical bore  
Shaft dia.: 75~100mm



With steel cover



With cast cover

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)																	Bolt size	Bearings			Housing No.	Unit No. with steel cover Cover with rubber seal (End cover)	Unit No. with cast cover Cover with rubber seal (End cover)	Mass of Unit (kg)		
		L	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>3</sub>	H <sub>3</sub>	A <sub>0</sub>	B	S	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>	No.	Basic load rating (N)		standard	With steel cover	With cast cover						
		Cr	Cor																									
75	UCFC215	220	40	184	19	18	18	16	160	62.5	77.8	33.3	—	86	—	17	M16	UC215	66000	48200	FC215	—	CUCFC215C(CE)	7.4	—	8.8		
	UCFCX15	222	35	190	19	16	12	22	164	61.3	82.6	33.3	—	—	—	—	M16	UCX15	72500	53000	FCX15	—	—	7.4	—	—		
80	UCFC216	240	42	200	23	18	18	16	170	67.3	82.6	33.3	—	91	—	15	M20	UC216	72500	53000	FC216	—	CUCFC216C(CE)	9.2	—	11.3		
	UCFCX16	260	36	219	23	19	10	25	186	61.6	85.7	34.1	—	—	—	—	M20	UCX16	83500	61800	FCX16	—	—	11.5	—	—		
85	UCFC217	250	45	208	23	20	18	18	180	69.6	85.7	34.1	—	93	—	15	M20	UC217	83500	61800	FC217	—	CUCFC217C(CE)	10.6	—	12.8		
	UCFCX17	260	36	219	23	19	10	25	186	66.3	96	39.7	—	—	—	—	M20	UCX17	95500	71400	FCX17	—	—	11.1	—	—		
90	UCFC218	265	50	220	23	20	22	18	190	78.3	96	39.7	—	104	—	17	M20	UC218	95500	71400	FC218	—	CUCFC218C(CE)	12.7	—	15.9		
	UCFCX18	260	43	219	23	19	12	28	186	73.1	104	42.9	—	—	—	—	M20	UCX18	109000	81600	FCX18	—	—	11.3	—	—		
100	UCFCX20	276	66	238	23	22	22	28	206	90.3	117.5	49.2	—	—	—	—	M20	UCX20	134000	104700	FCX20	—	—	15.9	—	—		

Remarks: 1. Grease nipple: PF1/8

Remarks: 2. Examples of unit numbers with cover:

With cast cover { Cover with rubber seal :CUCFC215C  
End cover :CUCFC215CE

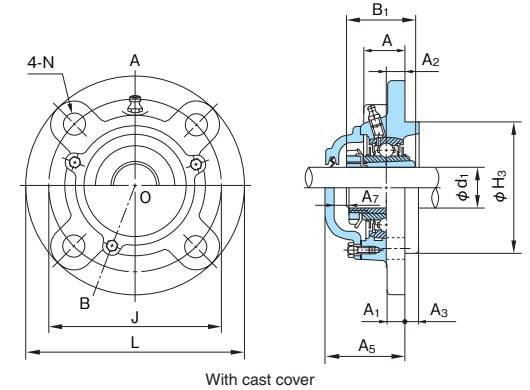
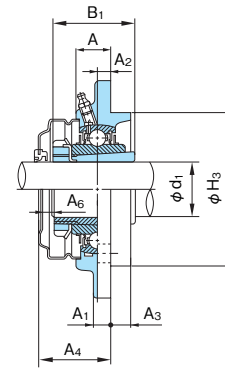
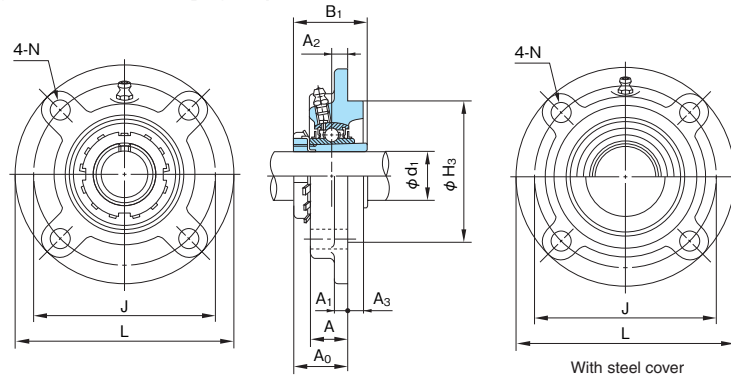
### Round Flange Units with spigot joint

#### UKFC+H type

With adapter assembly

Tapered bore

Shaft dia.:  
20~90mm



1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)															Bolt size	Bearings			Housing No.	Unit No. with steel cover		Unit No. with cast cover		Mass of Unit (kg)	
		L	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>3</sub>	H <sub>3</sub>	A <sub>0</sub>	B <sub>1</sub>	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>	No.		Basic load rating (N)		Unit No. with rubber seal (End cover)		Unit No. with rubber seal (End cover)	standard	With steel cover	With cast cover		
		Cr	Cor	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—		—	—	—	—	—	
20	UKFC205+H2305	115	21	90	12	7	10	6	70	29.5	35	42	45	11	9	M10	UK205+H2305	14000	7900	FC205	UKFC205C(E)+H2305	CUKFC205C(CE)+H2305	1.1	1.2	1.6		
	UKFCX05+H2305	111	24	92	9.5	9.5	10	6	76	31	35	43	—	10	—	M 8	UKX05+H2305	19600	11300	FCX05	UKFCX05C(E)+H2305	—	1.1	1.1	—		
25	UKFC206+H2306	125	23	100	12	8	10	8	80	31	38	43	47	10	10	M10	UK206+H2306	19600	11300	FC206	UKFC206C(E)+H2306	CUKFC206C(CE)+H2306	1.6	1.6	2.1		
	UKFCX06+H2306	127	22.5	105	12	9.5	8	9.5	85	29.5	38	43	—	12	—	M10	UKX06+H2306	25900	15400	FCX06	UKFCX06C(E)+H2306	—	1.5	1.5	—		
30	UKFC207+H2307	135	26	110	14	9	11	8	90	33.5	43	46	51	11	11	M12	UK207+H2307	25900	15400	FC207	UKFC207C(E)+H2307	CUKFC207C(CE)+H2307	1.8	1.9	2.5		
	UKFCX07+H2307	133	26	111	12	11	9	11	92	32.5	43	48	—	14	—	M10	UKX07+H2307	29300	17900	FCX07	UKFCX07C(E)+H2307	—	1.8	1.8	—		
35	UKFC208+H2308	145	26	120	14	9	11	10	100	35.5	46	52	56	15	14	M12	UK208+H2308	29300	17900	FC208	UKFC208C(E)+H2308	CUKFC208C(CE)+H2308	2.2	2.2	2.9		
	UKFCX08+H2308	133	26	111	12	11	9	11	92	34	46	50	—	15	—	M10	UKX08+H2308	33000	20500	FCX08	UKFCX08C(E)+H2308	—	1.8	1.8	—		
40	UKFC209+H2309	160	26	132	16	14	10	12	105	36	50	51	55	14	13	M14	UK209+H2309	33000	20500	FC209	UKFC209C(E)+H2309	CUKFC209C(CE)+H2309	3.1	3.2	3.8		
	UKFCX09+H2309	155	25	130	14	11	8	12	108	34.5	50	52	—	16	—	M12	UKX09+H2309	35500	23200	FCX09	UKFCX09C(E)+H2309	—	2.5	2.6	—		
45	UKFC210+H2310	165	28	138	16	14	10	12	110	37.5	55	54	59	15	15	M14	UK210+H2310	35500	23200	FC210	UKFC210C(E)+H2310	CUKFC210C(CE)+H2310	3.3	3.5	4.4		
	UKFCX10+H2310	162	25	136	14	11	7	16	118	35.5	55	51	—	14	—	M12	UKX10+H2310	43000	29400	FCX10	UKFCX10C(E)+H2310	—	2.9	3.0	—		
50	UKFC211+H2311	185	31	150	19	15	13	12	125	41.5	59	57	63	14	15	M16	UK211+H2311	43000	29400	FC211	UKFC211C(E)+H2311	CUKFC211C(CE)+H2311	4.0	4.2	5.2		
	UKFCX11+H2311	180	26	152	16	13	4	22	127	34	59	54	—	19	—	M14	UKX11+H2311	52500	36100	FCX11	UKFCX11C(E)+H2311	—	3.9	4.0	—		
55	UKFC212+H2312	195	36	160	19	15	17	12	135	48	62	68	74	19	20	M16	UK212+H2312	52500	36100	FC212	UKFC212C(E)+H2312	CUKFC212C(CE)+H2312	4.4	4.7	6.1		
	UKFCX12+H2312	194	33	165	16	14	11	20	140	43	62	63	—	19	—	M14	UKX12+H2312	57500	40000	FCX12	UKFCX12C(E)+H2312	—	4.6	4.7	—		
60	UKFC213+H2313	205	36	170	19	15	16	14	145	49	65	67	75	17	20	M16	UK213+H2313	57500	40000	FC213	UKFC213C(E)+H2313	CUKFC213C(CE)+H2313	5.4	5.7	7.2		
	UKFCX13+H2313	194	33	165	16	14	11	20	140	45	65	—	—	—	—	M14	UKX13+H2313	62000	44000	FCX13	—	—	4.7	—	—		
65	UKFC215+H2315	220	40	184	19	18	18	16	160	53.5	73	—	86	—	26	M16	UK215+H2315	66000	48200	FC215	—	CUKFC215C(CE)+H2315	7.8	—	9.2		
	UKFCX15+H2315	222	35	190	19	16	12	22	164	49	73	—	—	—	—	M16	UKX15+H2315	72500	53000	FCX15	—	—	7.4	—	—		
70	UKFC216+H2316	240	42	200	23	18	18	16	170	57	78	—	91	—	26	M20	UK216+H2316	72500	53000	FC216	—	CUKFC216C(CE)+H2316	9.6	—	11.7		
	UKFCX16+H2316	260	36	219	23	19	10	25	186	50	78	—	—	—	—	M20	UKX16+H2316	83500	61800	FCX16	—	—	11.6	—	—		
75	UKFC217+H2317	250	45	208	23	20	18	18	180	59	82	—	93	—	26	M20	UK217+H2317	83500	61800	FC217	—	CUKFC217C(CE)+H2317	11.1	—	13.4		
	UKFCX17+H2317	260	36	219	23	19	10	25	186	52.5	82	—	—	—	—	M20	UKX17+H2317	95500	71400	FCX17	—	—	11.0	—	—		
80	UKFC218+H2318	265	50	220	23	20	22	18	190	64.5	86	—	104	—	31	M20	UK218+H2318	95500	71400	FC218	—	CUKFC218C(CE)+H2318	13.1	—	16.3		
	UKFCX18+H2318	260	43	219	23	19	12	28	186	56	86	—	—	—	—	M20	UKX18+H2318	109000	81600	FCX18	—	—	11.0	—	—		
90	UKFCX20+H2320	276	66	238	23	22	22	28	206	71	97	—	—	—	M20	UKX20+H2320	134000	104700	FCX20	—	—	14.9	—	—			

Remarks: 1. Grease nipple : 1/4-28UNF for bore number 13 and under  
PF1/8 for bore number 14 and over

Remarks: 2. Examples of unit numbers with cover:

With steel cover { Cover with rubber seal :UKFC210C+H2310  
End cover :UKFC210E+H2310  
With cast cover { Cover with rubber seal :CUKFC210C+H2310  
End cover :CUKFC210CE+H2310

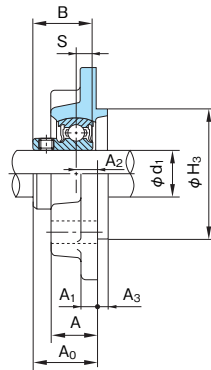
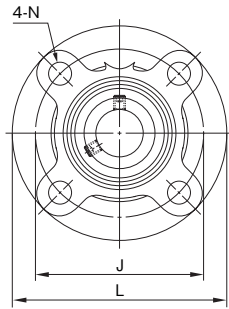
**Round Flange Units with spigot joint**

**BFC type**

With set screws

Cylindrical bore

Shaft dia.: 20~35mm

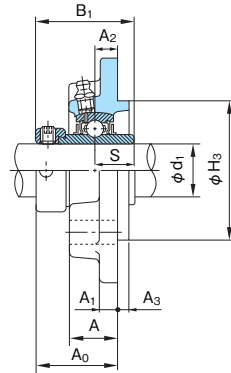
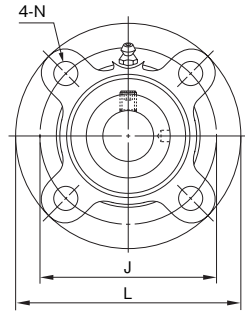


1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)											Bolt size	Bearings			Housing No.	Mass of Unit (kg)
		L	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>3</sub>	H <sub>3</sub>	A <sub>0</sub>	B	S		No.	Basic load rating (N)			
															C <sub>r</sub>	C <sub>or</sub>		
20	BFC204	100	20.5	78	12	7	10	5	62	27.7	24.7	7	M10	B4	12800	6600	FC204 G00	0.8
25	BFC205	115	21	90	12	7	10	6	70	30.2	27	7.5	M10	B5	14000	7900	FC205 G00	1.0
30	BFC206	125	23	100	12	8	10	8	80	32.3	30.3	8	M10	B6	19600	11300	FC206 G00	1.4
35	BFC207	135	26	110	14	9	11	8	90	35.4	32.9	8.5	M12	B7	25900	15400	FC207 G00	1.7

### Round Flange Units with spigot joint

**UGF type**  
 With eccentric collar  
 Cylindrical bore  
 Shaft dia.: 20~60mm



1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)											Bolt size	Bearings			Housing No.	Mass of Unit (kg)
		L	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>3</sub>	H <sub>3</sub>	A <sub>0</sub>	B <sub>1</sub>	S		No.	Basic load rating (N)			
															C <sub>r</sub>	C <sub>or</sub>		
20	UGFC204	100	20.5	78	12	7	10	5	62	36.6	43.7	17.1	M10	UG204+ER	12800	6600	FC204	0.89
25	UGFC205	115	21	90	12	7	10	6	70	36.9	44.4	17.5	M10	UG205+ER	14000	7900	FC205	1.0
30	UGFC206	125	23	100	12	8	10	8	80	40.1	48.4	18.3	M10	UG206+ER	19600	11300	FC206	1.2
35	UGFC207	135	26	110	14	9	11	8	90	43.3	51.1	18.8	M12	UG207+ER	25900	15400	FC207	1.7
40	UGFC208	145	26	120	14	9	11	10	100	45.9	56.3	21.4	M12	UG208+ER	29300	17900	FC208	2.0
45	UGFC209	160	26	132	16	14	10	12	105	44.9	56.3	21.4	M14	UG209+ER	33000	20500	FC209	2.5
50	UGFC210	165	28	138	16	14	10	12	110	48.1	62.7	24.6	M14	UG210+ER	35500	23200	FC210	2.8
55	UGFC211	185	31	150	19	15	13	12	125	56.6	71.4	27.8	M16	UG211+ER	43000	29400	FC211	4.1
60	UGFC212	195	36	160	19	15	17	12	135	63.8	77.8	31	M16	UG212+ER	52500	36100	FC212	4.8

Remark: Grease nipple: 1/4-28UNF

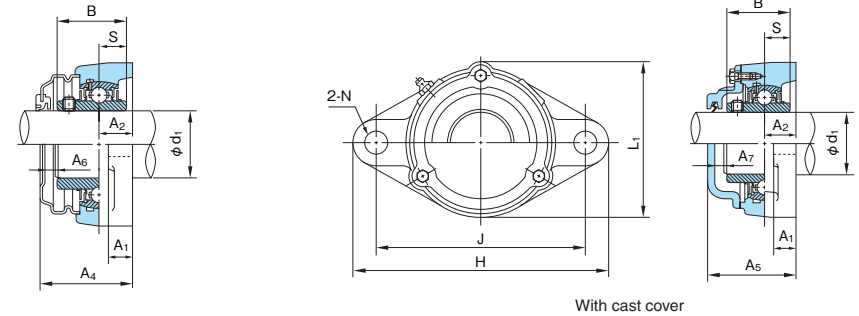
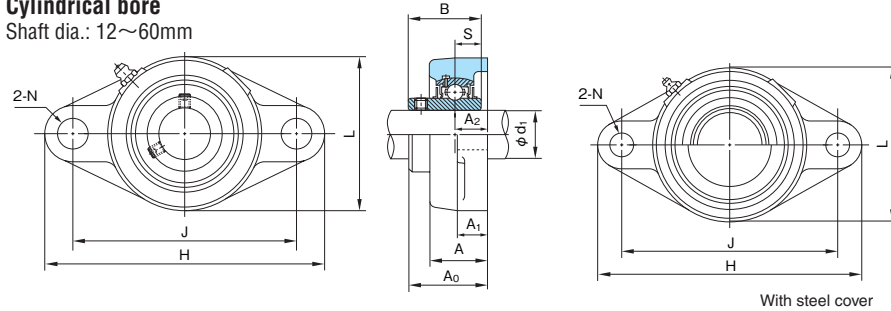
# Rhombic Flange Units

## UCFL type

With set screws

Cylindrical bore

Shaft dia.: 12~60mm



1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)															Bolt size	Bearings			Unit No. with steel cover		Unit No. with cast cover		Mass of Unit (kg)		
		H	L	L <sub>1</sub>	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>0</sub>	B	S	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>		No.	Basic load rating (N)		Housing No.	Cover with rubber seal (End cover)	Cover with rubber seal (End cover)	standard	With steel cover	With cast cover	
		Cr	Cor																								
12	UCFL201	113	60	66	25.5	90	12	12	15	33.3	31	12.7	43	46	8	6	M10	UC201	12800	6600	FL204	UCFL201C(E)	CUCFL201C(CE)	0.50	0.53	0.8	
15	UCFL202	113	60	66	25.5	90	12	12	15	33.3	31	12.7	43	46	8	6	M10	UC202	12800	6600	FL204	UCFL202C(E)	CUCFL202C(CE)	0.48	0.51	0.8	
17	UCFL203	113	60	66	25.5	90	12	12	15	33.3	31	12.7	43	46	8	6	M10	UC203	12800	6600	FL204	UCFL203C(E)	CUCFL203C(CE)	0.47	0.50	0.8	
20	UCFL204	113	60	66	25.5	90	12	12	15	33.3	31	12.7	43	46	8	6	M10	UC204	12800	6600	FL204	UCFL204C(E)	CUCFL204C(CE)	0.45	0.48	0.8	
25	UCFL205	130	68	73	27	99	16	14	16	35.7	34	14.3	47	51	10	9	M14	UC205	14000	7900	FL205	UCFL205C(E)	CUCFL205C(CE)	0.63	0.67	1.0	
	UCFLX05	141	83	—	30	117	12	13	18	40.2	38.1	15.9	51	—	8	—	M10	UCX05	19600	11300	FLX05	UCFLX05C(E)	—	1.0	1.0	—	
	UCFL305	150	80	84	29	113	19	13	16	39	38	15	—	55	—	10	M16	UC305	21300	10900	FL305	—	CUCFL305C(CE)	1.1	—	1.4	
30	UCFL206	148	80	84	31	117	16	14	18	40.2	38.1	15.9	49	55	8	8	M14	UC206	19600	11300	FL206	UCFL206C(E)	CUCFL206C(CE)	0.96	1.0	1.5	
	UCFLX06	156	95	—	34	130	16	14	19	44.4	42.9	17.5	54	—	8	—	M14	UCX06	25900	15400	FLX06	UCFLX06C(E)	—	1.4	1.4	—	
	UCFL306	180	90	94	32	134	23	15	18	44	43	17	—	60	—	10	M20	UC306	26800	15000	FL306	—	CUCFL306C(CE)	1.5	—	1.9	
35	UCFL207	161	90	94	34	130	16	16	19	44.4	42.9	17.5	54	59	8	8	M14	UC207	25900	15400	FL207	UCFL207C(E)	CUCFL207C(CE)	1.2	1.3	1.9	
	UCFLX07	171	105	—	38	144	16	14	21	51.2	49.2	19	63	—	10	—	M14	UCX07	29300	17900	FLX07	UCFLX07C(E)	—	1.9	2.0	—	
	UCFL307	185	100	104	36	141	23	16	20	49	48	19	—	65	—	10	M20	UC307	33500	19200	FL307	—	CUCFL307C(CE)	1.8	—	2.3	
40	UCFL208	175	100	104	36	144	16	16	21	51.2	49.2	19	61	66	9	8	M14	UC208	29300	17900	FL208	UCFL208C(E)	CUCFL208C(CE)	1.6	1.7	2.3	
	UCFLX08	179	111	—	40	148	16	14	22	52.2	49.2	19	63	—	10	—	M14	UCX08	33000	20500	FLX08	UCFLX08C(E)	—	2.0	2.1	—	
	UCFL308	200	112	118	40	158	23	17	23	56	52	19	—	73	—	11	M20	UC308	40500	23900	FL308	—	CUCFL308C(CE)	2.4	—	2.9	
45	UCFL209	188	108	113	38	148	19	18	22	52.2	49.2	19	63	67	10	8	M16	UC209	33000	20500	FL209	UCFL209C(E)	CUCFL209C(CE)	1.9	2.0	2.7	
	UCFLX09	189	116	—	40	157	16	14	23	55.6	51.6	19	67	—	9	—	M14	UCX09	35500	23200	FLX09	UCFLX09C(E)	—	2.4	2.5	—	
	UCFL309	230	125	132	44	177	25	18	25	60	57	22	—	78	—	12	M22	UC309	51500	29500	FL309	—	CUCFL309C(CE)	3.4	—	4.2	
50	UCFL210	197	115	120	40	157	19	18	22	54.6	51.6	19	66	71	9	10	M16	UC210	35500	23200	FL210	UCFL210C(E)	CUCFL210C(CE)	2.2	2.3	3.2	
	UCFLX10	216	133	—	44	184	19	20	26	59.4	55.6	22.2	70	—	9	—	M16	UCX10	43000	29400	FLX10	UCFLX10C(E)	—	3.6	3.7	—	
	UCFL310	240	140	144	48	187	25	19	28	67	61	22	—	85	—	12	M22	UC310	61500	38200	FL310	—	CUCFL310C(CE)	4.3	—	5.2	
55	UCFL211	224	130	134	43	184	19	20	25	58.4	55.6	22.2	69	75	9	10	M16	UC211	43000	29400	FL211	UCFL211C(E)	CUCFL211C(CE)	3.2	3.3	4.3	
	UCFL311	250	150	154	52	198	25	20	30	71	66	25	—	90	—	13	M22	UC311	71500	44800	FL311	—	CUCFL311C(CE)	5.1	—	6.0	
	UCFL212	250	140	144	48	202	23	20	29	68.7	65.1	25.4	80	86	10	11	M20	UC212	52500	36100	FL212	UCFL212C(E)	CUCFL212C(CE)	4.1	4.3	5.4	
60	UCFL312	270	160	164	56	212	31	22	33	78	71	26	—	98	—	14	M27	UC312	81500	52000	FL312	—	CUCFL312C(CE)	6.2	—	7.3	

Remarks: 1. Grease nipple: 1/4-28UNF

Remarks: 2. Examples of unit numbers with cover:

With steel cover { Cover with rubber seal :UCFL210C  
End cover :UCFL210E

With cast cover { Cover with rubber seal :CUCFL210C  
End cover :CUCFL210CE

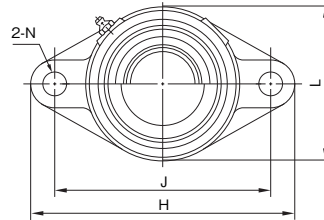
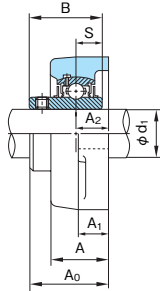
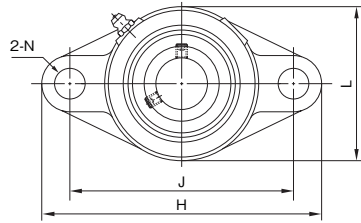
# Rhombic Flange Units

## UCFL type

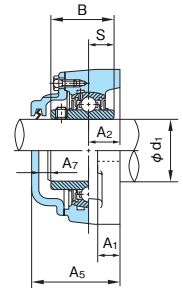
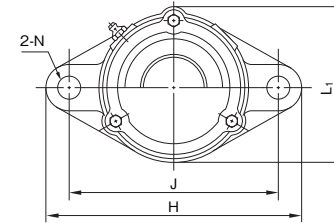
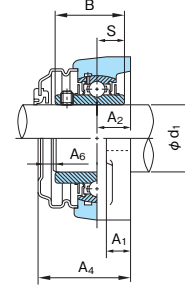
With set screws

Cylindrical bore

Shaft dia.: 65~140mm



With steel cover



With cast cover

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)															Bolt size	Bearings			Housing No.	Unit No. with steel cover		Unit No. with cast cover			Mass of Unit (kg)		
		H	L	L <sub>1</sub>	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>0</sub>	B	S	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>		No.	Basic load rating (N)			Cover with rubber seal (End cover)	Cover with rubber seal (End cover)	standard	With steel cover	With cast cover			
		Cr	Cor	Cor	UCFL213C(E)	CUCFL213C(CE)	5.1	5.3	6.7																				
65	UCFL213	258	155	157	50	210	23	24	30	69.7	65.1	25.4	81	89	10	13	M20	UC213	57500	40000	FL213	UCFL213C(E)	CUCFL213C(CE)	5.1	5.3	6.7			
	UCFL313	295	175	186	58	240	31	25	33	78	75	30	—	103	—	17	M27	UC313	92500	59700	FL313	—	CUCFL313C(CE)	7.4	—	9.4			
70	UCFL214	265	160	163	54	216	23	24	31	75.4	74.6	30.2	—	98	—	16	M20	UC214	62000	44000	FL214	—	CUCFL214C(CE)	6.0	—	7.4			
	UCFL314	315	185	196	61	250	35	28	36	81	78	33	—	106	—	17	M30	UC314	104000	68000	FL314	—	CUCFL314C(CE)	9.0	—	11.8			
75	UCFL215	275	165	168	56	225	23	24	34	78.5	77.8	33.3	—	102	—	17	M20	UC215	66000	48200	FL215	—	CUCFL215C(CE)	6.5	—	7.9			
	UCFL315	320	195	206	66	260	35	30	39	89	82	32	—	114	—	17	M30	UC315	114000	76900	FL315	—	CUCFL315C(CE)	10.0	—	12.2			
80	UCFL216	290	180	188	58	233	25	24	34	83.3	82.6	33.3	—	107	—	15	M22	UC216	72500	53000	FL216	—	CUCFL216C(CE)	8.0	—	10.2			
	UCFL316	355	210	218	68	285	38	32	38	90	86	34	—	115	—	17	M33	UC316	123000	86400	FL316	—	CUCFL316C(CE)	12.6	—	15.5			
85	UCFL217	305	190	198	63	248	25	26	36	87.6	85.7	34.1	—	111	—	15	M22	UC217	83500	61800	FL217	—	CUCFL217C(CE)	9.5	—	11.8			
	UCFL317	370	220	232	74	300	38	32	44	100	96	40	—	126	—	18	M33	UC317	132000	96500	FL317	—	CUCFL317C(CE)	14.5	—	18.2			
90	UCFL218	320	205	211	68	265	25	26	40	96.3	96	39.7	—	122	—	17	M22	UC218	95500	71400	FL218	—	CUCFL218C(CE)	11.9	—	15.0			
	UCFL318	385	235	245	76	315	38	36	44	100	96	40	—	128	—	20	M33	UC318	143000	107200	FL318	—	CUCFL318C(CE)	17.1	—	20.7			
95	UCFL319	405	250	257	94	330	41	40	59	121	103	41	—	149	—	20	M36	UC319	153000	118400	FL319	—	CUCFL319C(CE)	21.8	—	25.8			
100	UCFL320	440	270	277	94	360	44	40	59	125	108	42	—	154	—	21	M39	UC320	173000	140400	FL320	—	CUCFL320C(CE)	26.5	—	30.6			
105	UCFL321	440	270	282	94	360	44	40	59	127	112	44	—	156	—	21	M39	UC321	183000	153100	FL321	—	CUCFL321C(CE)	28.2	—	31.9			
110	UCFL322	470	300	305	96	390	44	42	60	131	117	46	—	165	—	26	M39	UC322	205000	178800	FL322	—	CUCFL322C(CE)	33.1	—	38.7			
120	UCFL324	520	330	333	110	430	47	48	65	140	126	51	—	175	—	25	M42	UC324	207000	184800	FL324	—	CUCFL324C(CE)	45.7	—	52.4			
130	UCFL326	550	360	360	115	460	47	50	65	146	135	54	—	180	—	24	M42	UC326	229000	214300	FL326	—	CUCFL326C(CE)	57.5	—	64.4			
140	UCFL328	600	400	400	125	500	51	60	75	161	145	59	—	195	—	24	M45	UC328	255000	246000	FL328	—	CUCFL328C(CE)	79.7	—	86.3			

Remarks: 1. Grease nipple: 1/4-28UNF for bore number 13 and under  
PF1/8 for bore number 14 and over

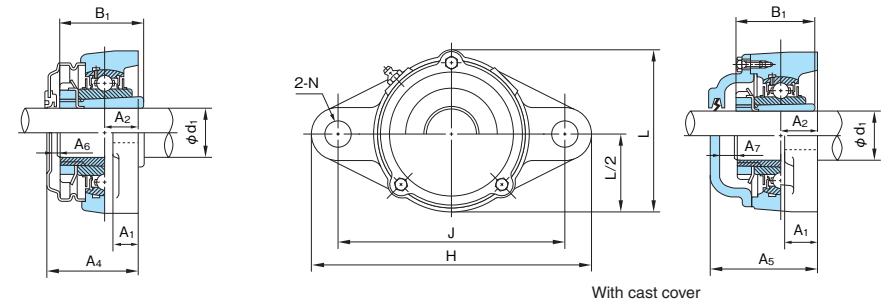
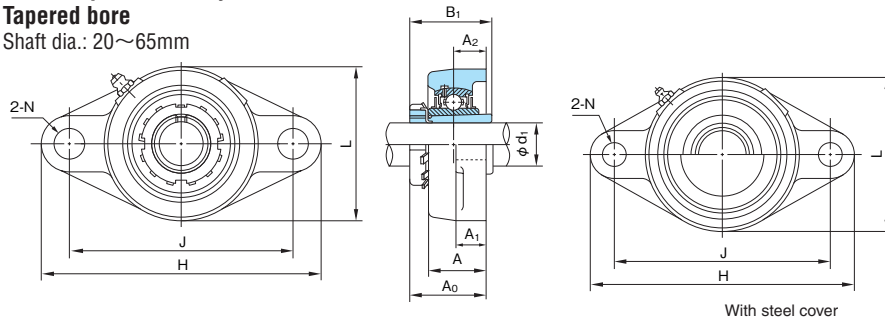
Remarks: 2. Examples of unit numbers with cover:

- With steel cover { Cover with rubber seal :UCFL213C
- { End cover :UCFL213E
- With cast cover { Cover with rubber seal :CUCFL213C
- { End cover :CUCFL213CE



# Rhombic Flange Units

**UKFL+H type**  
**With adapter assembly**  
**Tapered bore**  
 Shaft dia.: 20~65mm



1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)														Bolt size	Bearings			Housing No.	Unit No. with steel cover Cover with rubber seal (End cover)	Unit No. with cast cover Cover with rubber seal (End cover)	Mass of Unit (kg)		
		H	L	L <sub>1</sub>	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>0</sub>	B <sub>1</sub>	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>		No.	Basic load rating (N)					standard	With steel cover	With cast cover
		Cr	Cor																						
20	UKFL205+H2305	130	68	73	27	99	16	14	16	35.5	35	47	51	10	9	M14	UK205+H2305	14000	7900	FL205	UKFL205C(E)+H2305	CUKFL205C(CE)+H2305	0.68	0.72	1.1
	UKFLX05+H2305	141	83	—	30	117	12	13	18	39	35	51	—	9	—	M10	UKX05+H2305	19600	11300	FLX05	UKFLX05C(E)+H2305	—	1.0	1.0	—
	UKFL305+H2305	150	80	84	29	113	19	13	16	37	35	—	55	—	12	M16	UK305+H2305	21300	10900	FL305	—	CUKFL305C(CE)+H2305	1.1	—	1.5
25	UKFL206+H2306	148	80	84	31	117	16	14	18	39	38	49	55	9	10	M14	UK206+H2306	19600	11300	FL206	UKFL206C(E)+H2306	CUKFL206C(CE)+H2306	1.0	1.1	1.6
	UKFLX06+H2306	156	95	—	34	130	16	14	19	40.5	38	54	—	12	—	M14	UKX06+H2306	25900	15400	FLX06	UKFLX06C(E)+H2306	—	1.5	1.5	—
	UKFL306+H2306	180	90	94	32	134	23	15	18	40.5	38	—	60	—	13	M20	UK306+H2306	26800	15000	FL306	—	CUKFL306C(CE)+H2306	1.5	—	2.0
30	UKFL207+H2307	161	90	94	34	130	16	16	19	41.5	43	54	59	11	11	M14	UK207+H2307	25900	15400	FL207	UKFL207C(E)+H2307	CUKFL207C(CE)+H2307	1.3	1.4	2.0
	UKFLX07+H2307	171	105	—	38	144	16	14	21	44.5	43	63	—	17	—	M14	UKX07+H2307	29300	17900	FLX07	UKFLX07C(E)+H2307	—	1.9	2.0	—
	UKFL307+H2307	185	100	104	36	141	23	16	20	44.5	43	—	65	—	14	M20	UK307+H2307	33500	19200	FL307	—	CUKFL307C(CE)+H2307	1.9	—	2.4
35	UKFL208+H2308	175	100	104	36	144	16	16	21	45.5	46	61	66	14	14	M14	UK208+H2308	29300	17900	FL208	UKFL208C(E)+H2308	CUKFL208C(CE)+H2308	1.7	1.8	2.4
	UKFLX08+H2308	179	111	—	40	148	16	14	22	47	46	63	—	15	—	M14	UKX08+H2308	33000	20500	FLX08	UKFLX08C(E)+H2308	—	2.1	2.1	—
	UKFL308+H2308	200	112	118	40	158	23	17	23	50	46	—	73	—	17	M20	UK308+H2308	40500	23900	FL308	—	CUKFL308C(CE)+H2308	2.5	—	3.0
40	UKFL209+H2309	188	108	113	38	148	19	18	22	48	50	63	67	14	13	M16	UK209+H2309	33000	20500	FL209	UKFL209C(E)+H2309	CUKFL209C(CE)+H2309	2.0	2.1	2.8
	UKFLX09+H2309	189	116	—	40	157	16	14	23	49.5	50	67	—	16	—	M14	UKX09+H2309	35500	23200	FLX09	UKFLX09C(E)+H2309	—	2.4	2.5	—
	UKFL309+H2309	230	125	132	44	177	25	18	25	54.5	50	—	78	—	17	M22	UK309+H2309	51500	29500	FL309	—	CUKFL309C(CE)+H2309	3.4	—	4.3
45	UKFL210+H2310	197	115	120	40	157	19	18	22	49.5	55	66	71	15	15	M16	UK210+H2310	35500	23200	FL210	UKFL210C(E)+H2310	CUKFL210C(CE)+H2310	2.3	2.5	3.4
	UKFLX10+H2310	216	133	—	44	184	19	20	26	54.5	55	70	—	14	—	M16	UKX10+H2310	43000	29400	FLX10	UKFLX10C(E)+H2310	—	3.6	3.7	—
	UKFL310+H2310	240	140	144	48	187	25	19	28	60	55	—	85	—	19	M22	UK310+H2310	61500	38200	FL310	—	CUKFL310C(CE)+H2310	4.4	—	5.5
50	UKFL211+H2311	224	130	134	43	184	19	20	25	53.5	59	69	75	14	15	M16	UK211+H2311	43000	29400	FL211	UKFL211C(E)+H2311	CUKFL211C(CE)+H2311	3.3	3.5	4.5
	UKFL311+H2311	250	150	154	52	198	25	20	30	63.5	59	—	90	—	20	M22	UK311+H2311	71500	44800	FL311	—	CUKFL311C(CE)+H2311	5.1	—	6.1
	UKFL212+H2312	250	140	144	48	202	23	20	29	60	62	80	86	19	20	M20	UK212+H2312	52500	36100	FL212	UKFL212C(E)+H2312	CUKFL212C(CE)+H2312	4.1	4.4	5.5
55	UKFL312+H2312	270	160	164	56	212	31	22	33	69	62	—	98	—	23	M27	UK312+H2312	81500	52000	FL312	—	CUKFL312C(CE)+H2312	6.1	—	7.4
	UKFL213+H2313	258	155	157	50	210	23	24	30	63	65	81	89	17	20	M20	UK213+H2313	57500	40000	FL213	UKFL213C(E)+H2313	CUKFL213C(CE)+H2313	5.2	5.5	6.9
	UKFL313+H2313	295	175	186	58	240	31	25	33	71	65	—	103	—	24	M27	UK313+H2313	92500	59700	FL313	—	CUKFL313C(CE)+H2313	7.4	—	9.4
60	UKFL215+H2315	275	165	168	56	225	23	24	34	69.5	73	—	102	—	26	M20	UK215+H2315	66000	48200	FL215	—	CUKFL215C(CE)+H2315	6.8	—	8.3
	UKFL315+H2315	320	195	206	66	260	35	30	39	81	73	—	114	—	25	M30	UK315+H2315	11400	76900	FL315	—	CUKFL315C(CE)+H2315	10.2	—	12.6

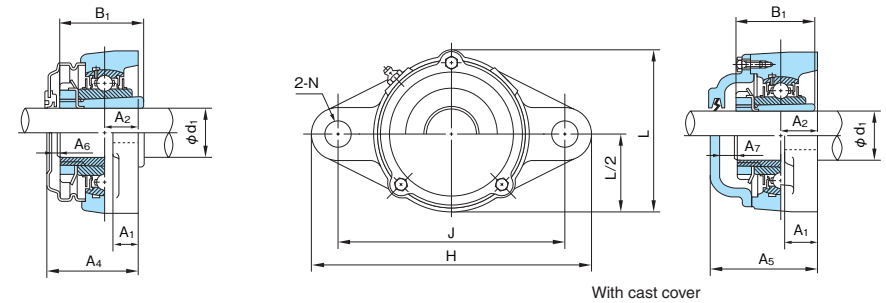
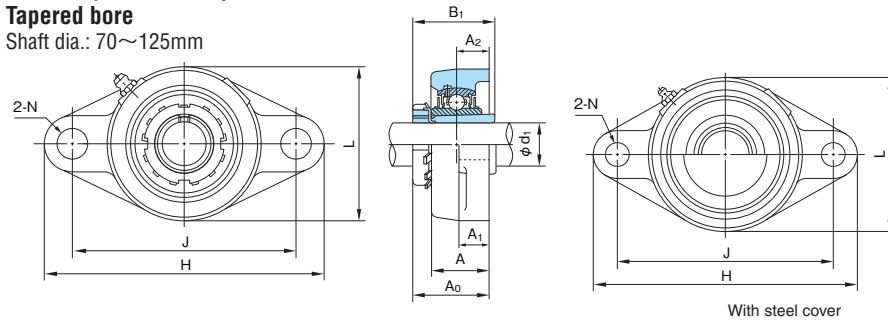
Remarks: 1. Grease nipple: 1/4-28UNF for bore number 13 and under  
 PF-1/8 for bore number 14 and over

Remarks: 2. Examples of unit numbers with cover:

With steel cover { Cover with rubber seal :UKFL210C+H2310  
 End cover :UKFL210E+H2310  
 With cast cover { Cover with rubber seal :CUKFL210C+H2310  
 End cover :CUKFL210CE+H2310

# Rhombic Flange Units

**UKFL+H type**  
**With adapter assembly**  
**Tapered bore**  
 Shaft dia.: 70~125mm



1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)															Bolt size	Bearings			Housing No.	Unit No. with steel cover		Unit No. with cast cover			Mass of Unit (kg)		
		H	L	L <sub>1</sub>	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>0</sub>	B <sub>1</sub>	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>	No.		Basic load rating (N)		Unit No. with steel cover		Unit No. with cast cover	standard	With steel cover	With cast cover				
		Cr	Cor	Cover with rubber seal (End cover)	Cover with rubber seal (End cover)																								
70	UKFL216+H2316	290	180	188	58	233	25	24	34	73	78	—	107	—	26	M22	UK216+H2316	72500	53000	FL216	—	CUKFL216C(CE)+H2316	8.4	—	10.6				
	UKFL316+H2316	355	210	218	68	285	38	32	38	83.5	78	—	115	—	23	M33	UK316+H2316	123000	86400	FL316	—	CUKFL316C(CE)+H2316	12.8	—	15.9				
75	UKFL217+H2317	305	190	198	63	248	25	26	36	77	82	—	111	—	26	M22	UK217+H2317	83500	61800	FL217	—	CUKFL217C(CE)+H2317	10.0	—	12.4				
	UKFL317+H2317	370	220	232	74	300	38	32	44	92	82	—	126	—	26	M33	UK317+H2317	132000	96500	FL317	—	CUKFL317C(CE)+H2317	14.5	—	18.4				
80	UKFL218+H2318	320	205	211	68	265	25	26	40	82.5	86	—	122	—	31	M22	UK218+H2318	95500	71400	FL218	—	CUKFL218C(CE)+H2318	12.3	—	15.4				
	UKFL318+H2318	385	235	245	76	315	38	36	44	93.5	86	—	128	—	26	M33	UK318+H2318	143000	107200	FL318	—	CUKFL318C(CE)+H2318	17.2	—	21.7				
85	UKFL319+H2319	405	250	257	94	330	41	40	59	111	90	—	149	—	30	M36	UK319+H2319	153000	118400	FL319	—	CUKFL319C(CE)+H2319	21.8	—	26.0				
	UKFL320+H2320	440	270	277	94	360	44	40	59	115	97	—	154	—	31	M39	UK320+H2320	173000	140400	FL320	—	CUKFL320C(CE)+H2320	26.5	—	31.2				
100	UKFL322+H2322	470	300	305	96	390	44	42	60	121	105	—	165	—	36	M39	UK322+H2322	205000	178800	FL322	—	CUKFL322C(CE)+H2322	33.2	—	39.4				
110	UKFL324+H2324	520	330	333	110	430	47	48	65	130	112	—	175	—	35	M42	UK324+H2324	207000	184800	FL324	—	CUKFL324C(CE)+H2324	45.2	—	52.6				
115	UKFL326+H2326	550	360	360	115	460	47	50	65	134	121	—	180	—	36	M42	UK326+H2326	229000	214300	FL326	—	CUKFL326C(CE)+H2326	57.8	—	65.9				
125	UKFL328+H2328	600	400	400	125	500	51	60	75	148	131	—	195	—	37	M45	UK328+H2328	255000	246000	FL328	—	CUKFL328C(CE)+H2328	80.0	—	87.8				

Remarks: 1. Grease nipple: PF1/8

Remarks: 2. Examples of unit numbers with cover:

With cast cover { Cover with rubber seal :CUKFL320C+H2320  
 End cover :CUKFL320CE+H2320

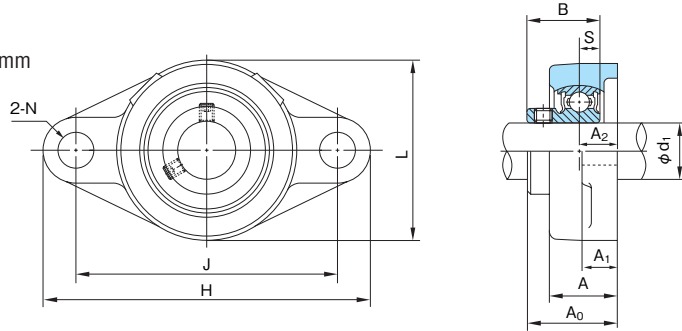
### Rhombic Flange Units

BFL type

With set screws

Cylindrical bore

Shaft dia.: 20~35mm

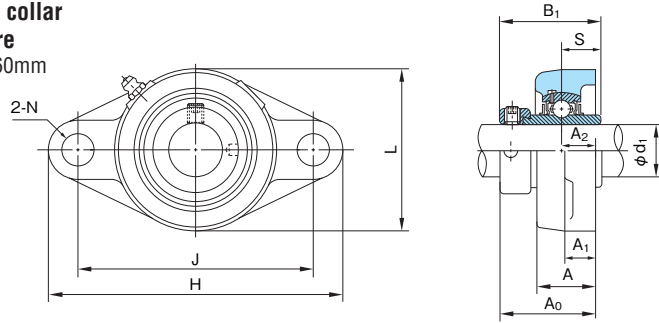


1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)										Bolt size	Bearings		Housing No.	Mass of Unit (kg)	
		H	L	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>0</sub>	B	S		No.	Basic load rating (N)			
														C <sub>r</sub>			C <sub>or</sub>
20	BFL204	113	60	25.5	90	12	12	15	32.7	24.7	7	M10	B4	12800	6600	FL204 G00	0.41
25	BFL205	130	68	27	99	16	14	16	36.2	27	7.5	M14	B5	14000	7900	FL205 G00	0.60
30	BFL206	148	80	31	117	16	14	18	40.3	30.3	8	M14	B6	19600	11300	FL206 G00	0.88
35	BFL207	161	90	34	130	16	16	19	43.4	32.9	8.5	M14	B7	25900	15400	FL207 G00	1.2

### Rhombic Flange Units

UGFL type  
With eccentric collar  
Cylindrical bore  
Shaft dia.: 20~60mm



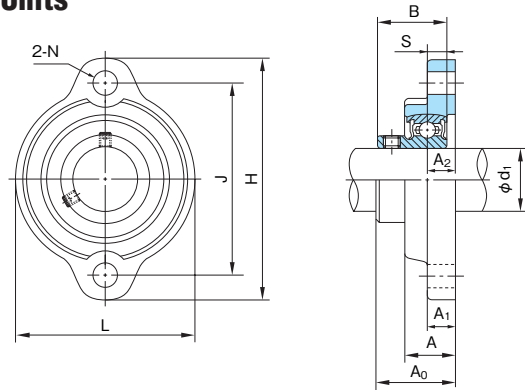
1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)										Bolt size	Bearings			Housing No.	Mass of Unit (kg)
		H	L	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>0</sub>	B <sub>1</sub>	S		No.	Basic load rating (N)			
														Cr	Cor		
20	UGFL204	113	60	25.5	90	12	12	15	41.6	43.7	17.1	M10	UG204+ER	12800	6600	FL204	0.47
25	UGFL205	130	68	27	99	16	14	16	42.9	44.4	17.5	M14	UG205+ER	14000	7900	FL205	0.63
30	UGFL206	148	80	31	117	16	14	18	48.1	48.4	18.3	M14	UG206+ER	19600	11300	FL206	0.96
35	UGFL207	161	90	34	130	16	16	19	51.3	51.1	18.8	M14	UG207+ER	25900	15400	FL207	1.3
40	UGFL208	175	100	36	144	16	16	21	55.9	56.3	21.4	M14	UG208+ER	29300	17900	FL208	1.7
45	UGFL209	188	108	38	148	19	18	22	56.9	56.3	21.4	M16	UG209+ER	33000	20500	FL209	2.0
50	UGFL210	197	115	40	157	19	18	22	60.1	62.7	24.6	M16	UG210+ER	35500	23200	FL210	2.3
55	UGFL211	224	130	43	184	19	20	25	68.6	71.4	27.8	M16	UG211+ER	43000	29400	FL211	3.4
60	UGFL212	250	140	48	202	23	20	29	75.8	77.8	31	M20	UG212+ER	52500	36100	FL212	4.4

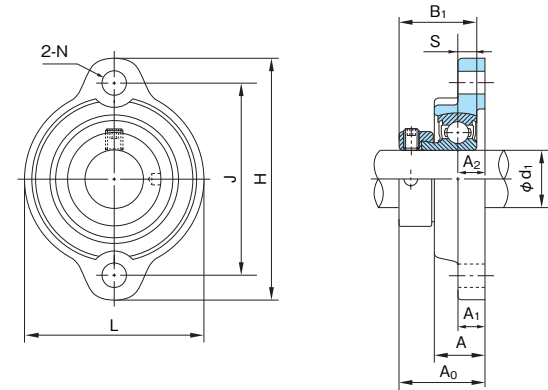
Remark: Grease nipple: 1/4-28UNF

**Rhombic Flange Units**

**BLFL type**  
 With set screws  
 Cylindrical bore  
 Shaft dia.: 12~35mm



**KHLFL type**  
 With eccentric collar  
 Cylindrical bore  
 Shaft dia.: 12~35mm



**BLFL type**

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)										Bolt size	Bearings			Housing No.	Mass of Unit (kg)
		H	L	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>0</sub>	B	S		No.	Basic load rating (N)			
														Cr	Cor		
12	BLFL1J	81	56	18	63.5	7	9.5	9.5	25.5	22	6	M 6	B1	9550	4800	LFL3J	0.28
15	BLFL2J	81	56	18	63.5	7	9.5	9.5	25.5	22	6	M 6	B2	9550	4800	LFL3J	0.27
17	BLFL3J	81	56	18	63.5	7	9.5	9.5	25.5	22	6	M 6	B3	9550	4800	LFL3J	0.25
20	BLFL4J	90	63	20	71.5	10	11	11	28.7	24.7	7	M 8	B4	12800	6600	LFL4J	0.30
25	BLFL5J	95	69	20	76	10	11	11	31.2	27	7.5	M 8	B5	14000	7900	LFL5J	0.40
30	BLFL6J	113	79	22.5	90.5	12	12	12	34.3	30.3	8	M10	B6	19600	11300	LFL6J	0.58
35	BLFL7J	122	89	24	100	12	13	13	37.4	32.9	8.5	M10	B7	25900	15400	LFL7J	0.81

Remark: Spherical bearing seating diameter of housing is applied tolerance class J7.

**KHLFL type**

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)										Bolt size	Bearings			Housing No.	Mass of Unit (kg)
		H	L	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>0</sub>	B <sub>1</sub>	S		No.	Basic load rating (N)			
														Cr	Cor		
12	KHLFL201AJ	81	56	18	63.5	7	9.5	9.5	31.6	28.6	6.5	M 6	KH201AE	9550	4800	LFL3J	0.30
15	KHLFL202AJ	81	56	18	63.5	7	9.5	9.5	31.6	28.6	6.5	M 6	KH202AE	9550	4800	LFL3J	0.29
17	KHLFL203AJ	81	56	18	63.5	7	9.5	9.5	31.6	28.6	6.5	M 6	KH203AE	9550	4800	LFL3J	0.28
20	KHLFL204AJ	90	63	20	71.5	10	11	11	34.5	31	7.5	M 8	KH204AE	12800	6600	LFL4J	0.34
25	KHLFL205AJ	95	69	20	76	10	11	11	34.5	31	7.5	M 8	KH205AE	14000	7900	LFL5J	0.44
30	KHLFL206AJ	113	79	22.5	90.5	12	12	12	38.7	35.7	9	M10	KH206AE	19600	11300	LFL6J	0.64
35	KHLFL207AJ	122	89	24	100	12	13	13	42.4	38.9	9.5	M10	KH207AE	25900	15400	LFL7J	0.92

Remark: Spherical bearing seating diameter of housing is applied tolerance class J7.

**Rhombic Flange Units**

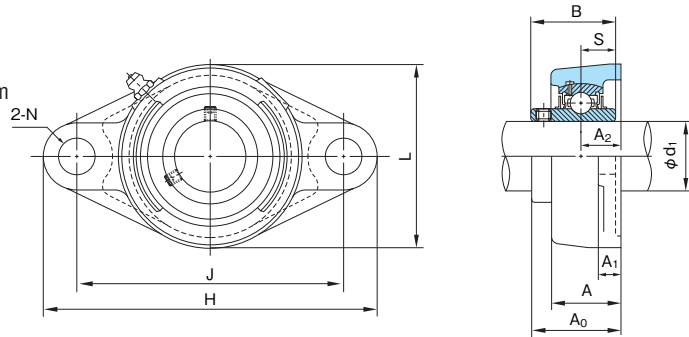
Cast Stainless Steel

MUCFL type

With set screws

Cylindrical bore

Shaft dia.: 20~50mm



1N=0.102kgf

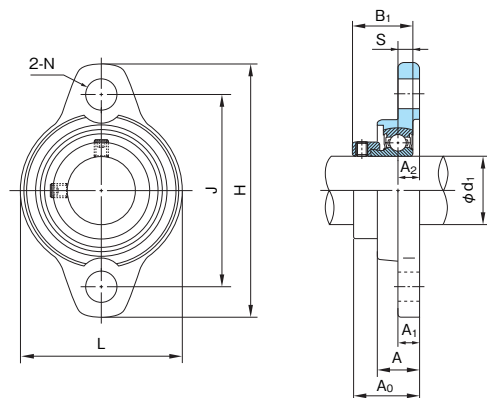
Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)										Bolt size	Bearings			Housing No.	Mass of Unit (kg)
		H	L	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>0</sub>	B	S		No.	Basic load rating (N)			
														Cr	Cor		
20	MUCFL204	113	60	25.5	90	12	10	15	33.3	31	12.7	M10	MUC204	10900	5300	MFL204	0.35
25	MUCFL205	130	68	27	99	16	10	16	35.7	34	14.3	M14	MUC205	11900	6300	MFL205	0.50
30	MUCFL206	148	80	31	117	16	10	18	40.2	38.1	15.9	M14	MUC206	16700	9050	MFL206	0.80
35	MUCFL207	161	90	34	130	16	11	19	44.4	42.9	17.5	M14	MUC207	22000	12300	MFL207	1.05
40	MUCFL208	175	100	36	144	16	11	21	51.2	49.2	19	M14	MUC208	24900	14300	MFL208	1.35
45	MUCFL209	188	108	38	148	19	13	22	52.2	49.2	19	M16	MUC204	28100	16400	MFL209	1.65
50	MUCFL210	197	115	40	157	19	13	22	54.6	51.6	19	M16	MUC210	30200	18600	MFL210	1.90

Remark: Grease nipple: 1/4-28UNF

**Silver series**

**Rhombic Flange Units**

**UFL type**  
 With eccentric collar  
 Cylindrical bore  
 Shaft dia.: 8~30mm



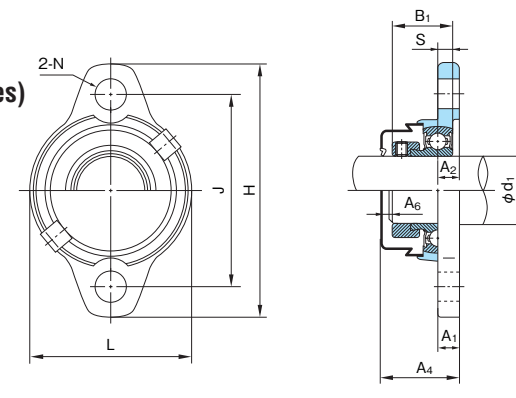
**UFL type**

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)												Bolt size
		H	L	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>0</sub>	B <sub>1</sub>	S	A <sub>4</sub>	A <sub>6</sub>	
		10	UFL000	60	36	11.5	45	7	5.5	5.5	19	17.5	4	
12	UFL001	63	38	11.5	48	7	5.5	5.5	19	17.5	4	22	2	M 6
15	UFL002	67	42	13	53	7	6.5	6.5	20.5	18.5	4.5	24	2	M 6
17	UFL003	71	46	14	56	7	7	7	22.5	20.5	5	26	2	M 6
20	UFL004	90	55	16	71	10	8	8	26.5	24.5	6	31	3	M 8
25	UFL005	95	60	16	75	10	8	8	27.5	25.5	6	32	3	M 8
30	UFL006	112	70	18	85	13	9	9	29	26.5	6.5	34	4	M10

Note: (!) Set screw type U08X is also available. Inner ring width B of U08X is 12mm. Dimension A<sub>0</sub> with U08X is 13mm.

**MUFL type (Stainless Silver Series)**

**With eccentric collar**  
 Cylindrical bore  
 Shaft dia.: 10~30mm



With steel covers

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)												Bolt size	Bearings			Housing No.	Unit No. with covers		Cover No. (Reference)			Mass of Unit (kg)	
		H	L	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>0</sub>	B <sub>1</sub>	S	A <sub>4</sub>	A <sub>6</sub>		No.	Basic load rating (N)			Cover with rubber seal (End cover)	Cover with rubber seal	Side end cover	standard	with cover		
		Cr	Cor																						
10	U000+ER	60	36	11.5	45	7	5.5	5.5	19	17.5	4	22	2	M 6	U000+ER	4600	2000	FL000	UFL000C(E)	000CP10	000CPE	60	65		
12	U001+ER	63	38	11.5	48	7	5.5	5.5	19	17.5	4	22	2	M 6	U001+ER	5100	2400	FL001	UFL001C(E)	001CP12	001CPE	76	80		
15	U002+ER	67	42	13	53	7	6.5	6.5	20.5	18.5	4.5	24	2	M 6	U002+ER	5600	2800	FL002	UFL002C(E)	002CP15	002CPE	100	105		
17	U003+ER	71	46	14	56	7	7	7	22.5	20.5	5	26	2	M 6	U003+ER	6000	3300	FL003	UFL003C(E)	003CP17	003CPE	129	135		
20	U004+ER	90	55	16	71	10	8	8	26.5	24.5	6	31	3	M 8	U004+ER	9350	5100	FL04-5	UFL004C(E)	04-5CP20	04-5CPE	205	215		
25	U005+ER	95	60	16	75	10	8	8	27.5	25.5	6	32	3	M 8	U005+ER	10100	5800	FL05-6	UFL005C(E)	05-6CP25	05-6CPE	244	255		
30	U006+ER	112	70	18	85	13	9	9	29	26.5	6.5	34	4	M10	U006+ER	13200	8300	FL06-7	UFL006C(E)	06-7CP30	06-7CPE	354	370		

Remark: Examples of unit numbers with cover: Both covers with rubber seal : UFL005C  
 One side end cover : UFL005E

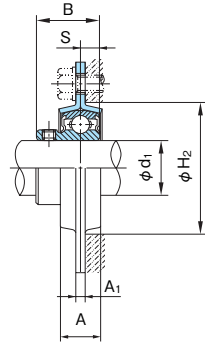
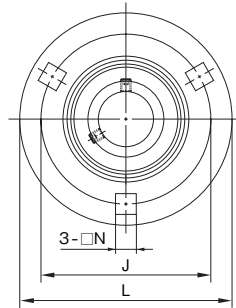
**MUFL type (Stainless Silver Series)**

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)												Bolt size
		H	L	A	J	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>0</sub>	B <sub>1</sub>	S	A <sub>4</sub>	A <sub>6</sub>	
		10	MUFL000	60	36	11.5	45	7	5.5	5.5	19	17.5	4	
12	MUFL001	63	38	11.5	48	7	5.5	5.5	19	17.5	4	22	2	M 6
15	MUFL002	67	42	13	53	7	6.5	6.5	20.5	18.5	4.5	24	2	M 6
17	MUFL003	71	46	14	56	7	7	7	22.5	20.5	5	26	2	M 6
20	MUFL004	90	55	16	71	10	8	8	26.5	24.5	6	31	3	M 8
25	MUFL005	95	60	16	75	10	8	8	27.5	25.5	6	32	3	M 8
30	MUFL006	112	70	18	85	13	9	9	29	26.5	6.5	34	4	M10

Remark: Examples of unit numbers with cover: Cover with rubber seal : MUFL005C  
 One side end cover : MUFL005E

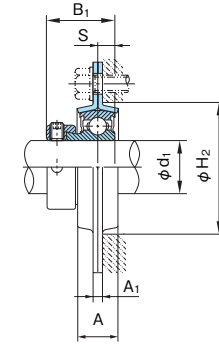
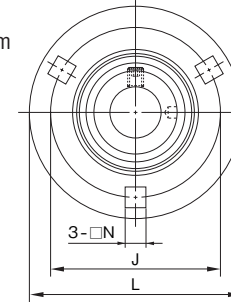
### Pressed Steel Round Flange Units

**BPF type**  
 With set screws  
 Cylindrical bore  
 Shaft dia.: 12~35mm



BPF type

**KHPF type**  
 With eccentric collar  
 Cylindrical bore  
 Shaft dia.: 12~35mm



1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)									Bolt size	Bearings			Housing No.	Mass of Unit (kg)	Limiting load (N)	
		L	A	J	N	A <sub>1</sub>	H <sub>2</sub> (Min)	B	S	No.		Basic load rating (N)		Radial			Axial	
												Cr	Cor					
12	BPF1	81	14	63.5	7	4	49	22	6	M 6	B1	9550	4800	PF3	0.21	2650	1320	
15	BPF2	81	14	63.5	7	4	49	22	6	M 6	B2	9550	4800	PF3	0.20	2650	1320	
17	BPF3	81	14	63.5	7	4	49	22	6	M 6	B3	9550	4800	PF3	0.18	2650	1320	
20	BPF4	90	16	71.5	9	4	56	24.7	7	M 8	B4	12800	6600	PF4	0.25	3100	1520	
25	BPF5	95	18	76	9	4	60	27	7.5	M 8	B5	14000	7900	PF5	0.35	3550	1750	
30	BPF6	113	18	90.5	11	5.2	71	30.3	8	M10	B6	19600	11300	PF6	0.54	4900	2450	
35	BPF7	122	20	100	11	5.2	81	32.9	8.5	M10	B7	25900	15400	PF7	0.71	6200	3100	

KHPF type

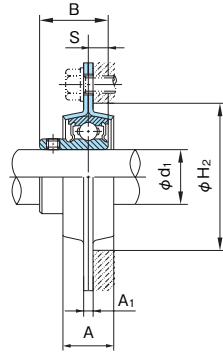
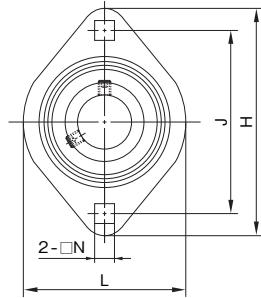
1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)										Bolt size	Bearings			Housing No.	Mass of Unit (kg)	Limiting load (N)	
		L	A	J	N	A <sub>1</sub>	H <sub>2</sub> (Min)	B <sub>1</sub>	S	No.	Basic load rating (N)		Radial	Axial					
											Cr				Cor				
12	KHPF201A	81	14	63.5	7	4	49	28.6	6.5	M 6	KH201AE	9550	4800	PF3	0.23	2650	1320		
15	KHPF202A	81	14	63.5	7	4	49	28.6	6.5	M 6	KH202AE	9550	4800	PF3	0.22	2650	1320		
17	KHPF203A	81	14	63.5	7	4	49	28.6	6.5	M 6	KH203AE	9550	4800	PF3	0.21	2650	1320		
20	KHPF204A	90	16	71.5	9	4	56	31	7.5	M 8	KH204AE	12800	6600	PF4	0.29	3100	1520		
25	KHPF205A	95	18	76	9	4	60	31	7.5	M 8	KH205AE	14000	7900	PF5	0.39	3550	1750		
30	KHPF206A	113	18	90.5	11	5.2	71	35.7	9	M10	KH206AE	19600	11300	PF6	0.60	4900	2450		
35	KHPF207A	122	20	100	11	5.2	81	38.9	9.5	M10	KH207AE	25900	15400	PF7	0.82	6200	3100		



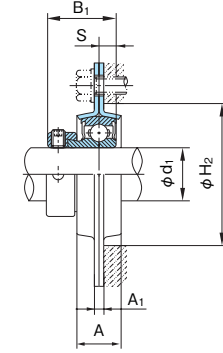
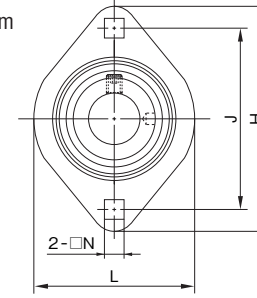
**Pressed Steel Rhombic Flange Units**

**BPFL type**  
 With set screws  
 Cylindrical bore  
 Shaft dia.: 12~35mm



BPFL type

**KHPFL type**  
 With eccentric collar  
 Cylindrical bore  
 Shaft dia.: 12~35mm



1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)									Bolt size	Bearings			Housing No.	Mass of Unit (kg)	Limiting load (N)	
		H	L	A	J	N	A <sub>1</sub>	H <sub>2</sub>	B	S		No.	Basic load rating (N)				Radial	Axial
													Cr	Cor				
12	BPFL1	81	59	14	63.5	7	4	49	22	6	M 6	B1	9550	4800	PFL3	0.25	2650	640
15	BPFL2	81	59	14	63.5	7	4	49	22	6	M 6	B2	9550	4800	PFL3	0.24	2650	640
17	BPFL3	81	59	14	63.5	7	4	49	22	6	M 6	B3	9550	4800	PFL3	0.22	2650	640
20	BPFL4	90	67	16	71.5	9	4	56	24.7	7	M 8	B4	12800	6600	PFL4	0.29	3100	740
25	BPFL5	95	71	18	76	9	4	60	27	7.5	M 8	B5	14000	7900	PFL5	0.36	3550	900
30	BPFL6	113	84	18	90.5	11	5.2	71	30.3	8	M10	B6	19600	11300	PFL6	0.56	4900	1200
35	BPFL7	125	94	20	100	11	5.2	81	32.9	8.5	M10	B7	25900	15400	PFL7	0.70	6200	1500

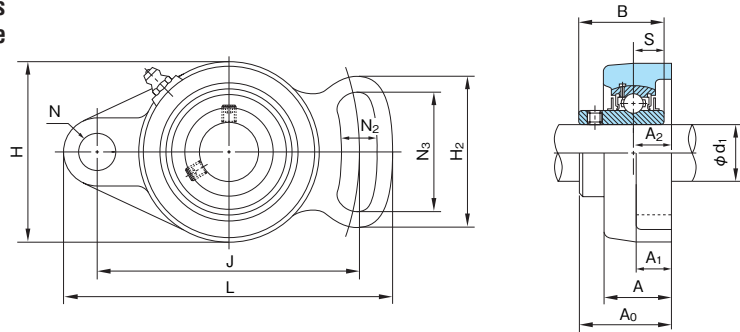
**KHPFL type**

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)									Bolt size	Bearings			Housing No.	Mass of Unit (kg)	Limiting load (N)	
		H	L	A	J	N	A <sub>1</sub>	H <sub>2</sub>	B <sub>1</sub>	S		No.	Basic load rating (N)				Radial	Axial
													Cr	Cor				
12	KHPFL201A	81	59	14	63.5	7	4	49	28.6	6.5	M 6	KH201AE	9550	4800	PFL3	0.27	2650	640
15	KHPFL202A	81	59	14	63.5	7	4	49	28.6	6.5	M 6	KH202AE	9550	4800	PFL3	0.26	2650	640
17	KHPFL203A	81	59	14	63.5	7	4	49	28.6	6.5	M 6	KH203AE	9550	4800	PFL3	0.25	2650	640
20	KHPFL204A	90	67	16	71.5	9	4	56	31	7.5	M 8	KH204AE	12800	6600	PFL4	0.33	3100	740
25	KHPFL205A	95	71	18	76	9	4	60	31	7.5	M 8	KH205AE	14000	7900	PFL5	0.40	3550	900
30	KHPFL206A	113	84	18	90.5	11	5.2	71	35.7	9	M10	KH206AE	19600	11300	PFL6	0.62	4900	1200
35	KHPFL207A	125	94	20	100	11	5.2	81	38.9	9.5	M10	KH207AE	25900	15400	PFL7	0.81	6200	1500

**Transformed Rhombic Flange Units**

**UCFA type**  
**With set screws**  
**Cylindrical bore**  
 Shaft dia.:  
 12~55mm



1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)														Bolt size	Bearings			Housing No.	Mass of Unit (kg)
		H	H <sub>2</sub>	L	A	J	N	N <sub>2</sub>	N <sub>3</sub>	A <sub>1</sub>	A <sub>2</sub>	A <sub>0</sub>	B	S	No.		Basic load rating (N)				
																	Cr	Cor			
12	UCFA201	60	54	102	25.5	78	10	10	40	12	15	33.3	31	12.7	M 8	UC201	12800	6600	FA204	0.50	
15	UCFA202	60	54	102	25.5	78	10	10	40	12	15	33.3	31	12.7	M 8	UC202	12800	6600	FA204	0.49	
17	UCFA203	60	54	102	25.5	78	10	10	40	12	15	33.3	31	12.7	M 8	UC203	12800	6600	FA204	0.48	
20	UCFA204	60	54	102	25.5	78	10	10	40	12	15	33.3	31	12.7	M 8	UC204	12800	6600	FA204	0.46	
25	UCFA205	68	65	125	27	98	12	13	51	14	16	35.7	34	14.3	M10	UC205	14000	7900	FA205	0.66	
30	UCFA206	80	72	144	31	117	12	13	58	14	18	40.2	38.1	15.9	M10	UC206	19600	11300	FA206	1.0	
35	UCFA207	90	82	161	34	130	14	15	66	16	19	44.4	42.9	17.5	M12	UC207	25900	15400	FA207	1.4	
40	UCFA208	100	87	175	36	144	14	15	71	16	21	51.2	49.2	19	M12	UC208	29300	17900	FA208	1.7	
45	UCFA209	108	90	181	38	148	16	17	72	18	22	52.2	49.2	19	M14	UC209	33000	20500	FA209	2.0	
50	UCFA210	115	94	190	40	157	16	17	76	18	22	54.6	51.6	19	M14	UC210	35500	23200	FA210	2.4	
55	UCFA211	130	104	219	43	184	16	17	86	20	25	58.4	55.6	22.2	M14	UC211	43000	29400	FA211	3.4	

Remark: Grease nipple: 1/4-28UNF

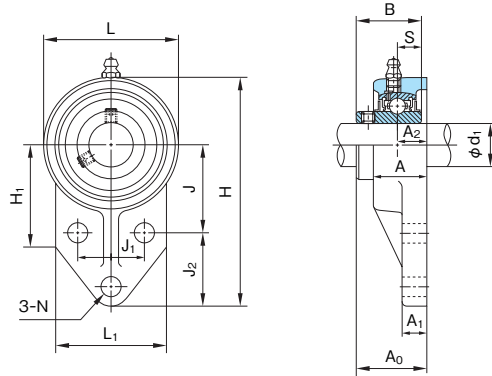
**Flange Units**

UCFK type

With set screws

Cylindrical bore

Shaft dia.: 12~50mm



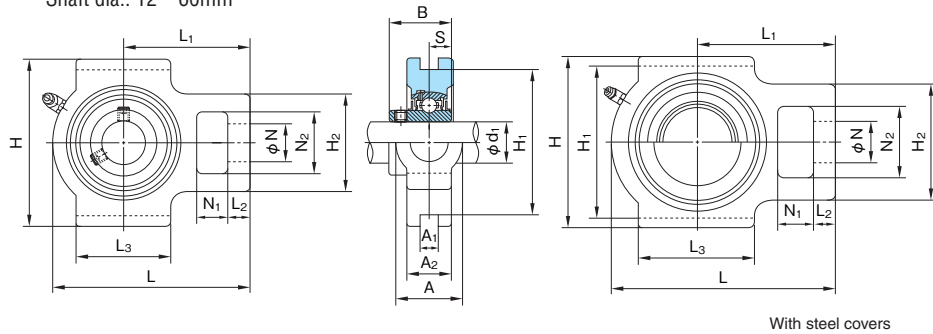
1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)															Bolt size	Bearings			Housing No.	Mass of Unit (kg)
		H	H <sub>1</sub>	L	L <sub>1</sub>	A	J	J <sub>1</sub>	J <sub>2</sub>	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>0</sub>	B	S	No.		Basic load rating (N)				
		Cr	Cor																			
12	UCFK201	110	52	62	52	25.5	42	32	27	10	13	15	33.3	31	12.7	M 8	UC201	12800	6600	FK204	0.60	
15	UCFK202	110	52	62	52	25.5	42	32	27	10	13	15	33.3	31	12.7	M 8	UC202	12800	6600	FK204	0.58	
17	UCFK203	110	52	62	52	25.5	42	32	27	10	13	15	33.3	31	12.7	M 8	UC203	12800	6600	FK204	0.57	
20	UCFK204	110	52	62	52	25.5	42	32	27	10	13	15	33.3	31	12.7	M 8	UC204	12800	6600	FK204	0.55	
25	UCFK205	116	52	68	56	27	45	34	27	10	13	16	35.7	34	14.3	M 8	UC205	14000	7900	FK205	0.66	
30	UCFK206	130	55	78	65	31	50	40	29	10	13	18	40.2	38.1	15.9	M 8	UC206	19600	11300	FK206	0.93	
35	UCFK207	144	62	90	70	34	55	46	32	10	15	19	44.4	42.9	17.5	M 8	UC207	25900	15400	FK207	1.3	
40	UCFK208	164	72	100	78	36	60	50	41	12	16	21	51.2	49.2	19	M10	UC208	29300	17900	FK208	1.7	
45	UCFK209	174	76	106	80	38	65	54	43	12	18	22	52.2	49.2	19	M10	UC209	33000	20500	FK209	1.9	
50	UCFK210	184	82	112	86	40	68	58	46	12	18	22	54.6	51.6	19	M10	UC210	35500	23200	FK210	2.2	

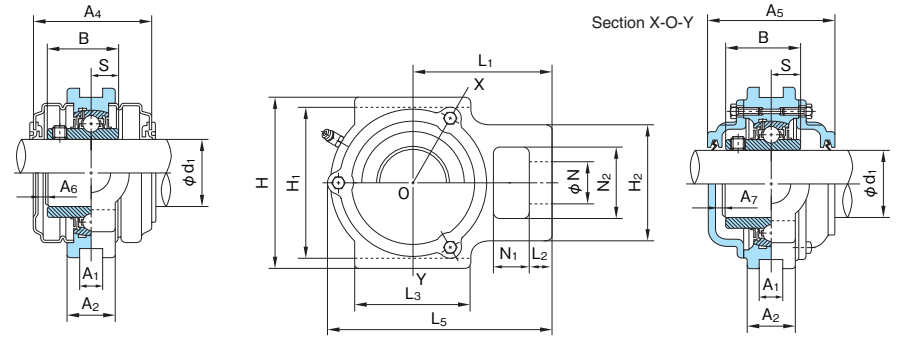
Remark: Grease nipple: 1/4-28UNF

**Take-up Units**

**UCT type With set screws Cylindrical bore**  
Shaft dia.: 12~60mm



With steel covers



With cast covers

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)																				Bearings			Housing No.	Unit No. with steel covers		Unit No. with cast covers		Mass of Unit (kg)		
		A	A <sub>1</sub>	A <sub>2</sub>	H	H <sub>1</sub>	H <sub>2</sub>	L	L <sub>5</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	N	N <sub>1</sub>	N <sub>2</sub>	B	S	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>	No.	Basic load rating (N)			Covers with rubber seal (End cover on one side)	Covers with rubber seal (End cover on one side)	standard	With steel cover	With cast cover		
		Cr	Cor																													
12	UCT201	32	12	21	89	76	51	94	96	61	10	51	19	16	32	31	12.7	56	62	8	6	UC201	12800	6600	T204	UCT201C(E)	CUCT201C(CE)	0.79	0.85	1.2		
15	UCT202	32	12	21	89	76	51	94	96	61	10	51	19	16	32	31	12.7	56	62	8	6	UC202	12800	6600	T204	UCT202C(E)	CUCT202C(CE)	0.77	0.83	1.2		
17	UCT203	32	12	21	89	76	51	94	96	61	10	51	19	16	32	31	12.7	56	62	8	6	UC203	12800	6600	T204	UCT203C(E)	CUCT203C(CE)	0.76	0.82	1.2		
20	UCT204	32	12	21	89	76	51	94	96	61	10	51	19	16	32	31	12.7	56	62	8	6	UC204	12800	6600	T204	UCT204C(E)	CUCT204C(CE)	0.74	0.80	1.2		
25	UCT205	32	12	24	89	76	51	97	100	62	10	51	19	16	32	34	14.3	63	70	11	9	UC205	14000	7900	T205	UCT205C(E)	CUCT205C(CE)	0.82	0.89	1.5		
	UCTX05	37	12	28	102	89	56	113	—	70	10	57	22	16	37	38.1	15.9	65	—	9	—	UCX05	19600	11300	TX05	UCTX05C(E)	—	1.3	1.3	—		
	UCT305	36	12	26	89	80	62	122	122	76	12	65	26	16	36	38	15	—	78	—	10	UC305	21300	10900	T305	—	CUCT305C(CE)	1.4	—	2.0		
30	UCT206	37	12	28	102	89	56	113	113	70	10	57	22	16	37	38.1	15.9	65	74	9	8	UC206	19600	11300	T206	UCT206C(E)	CUCT206C(CE)	1.3	1.4	2.0		
	UCTX06	37	12	30	102	89	64	129	—	78	13	64	22	16	37	42.9	17.5	70	—	8	—	UCX06	25900	15400	TX06	UCTX06C(E)	—	1.6	1.6	—		
	UCT306	41	16	28	100	90	70	137	137	85	14	74	28	18	41	43	17	—	84	—	10	UC306	26800	15000	T306	—	CUCT306C(CE)	1.8	—	2.5		
35	UCT207	37	12	30	102	89	64	129	129	78	13	64	22	16	37	42.9	17.5	70	80	8	8	UC207	25900	15400	T207	UCT207C(E)	CUCT207C(CE)	1.6	1.8	2.6		
	UCTX07	49	16	36	114	102	83	144	—	88	15	83	29	19	49	49.2	19	83	—	10	—	UCX07	29300	17900	TX07	UCTX07C(E)	—	2.6	2.6	—		
	UCT307	45	16	32	111	100	75	150	150	94	15	80	30	20	45	48	19	—	90	—	10	UC307	33500	19200	T307	—	CUCT307C(CE)	2.4	—	3.3		
40	UCT208	49	16	33	114	102	83	144	144	88	16	83	29	19	49	49.2	19	82	90	10	8	UC208	29300	17900	T208	UCT208C(E)	CUCT208C(CE)	2.4	2.5	3.4		
	UCTX08	49	16	36	117	102	83	144	—	87	15	83	29	19	49	49.2	19	82	—	10	—	UCX08	33000	20500	TX08	UCTX08C(E)	—	2.6	2.6	—		
	UCT308	50	18	34	124	112	83	162	162	100	17	89	32	22	50	52	19	—	100	—	11	UC308	40500	23900	T308	—	CUCT308C(CE)	3.0	—	4.0		
45	UCT209	49	16	35	117	102	83	144	145	87	16	83	29	19	49	49.2	19	82	90	10	8	UC209	33000	20500	T209	UCT209C(E)	CUCT209C(CE)	2.4	2.6	3.6		
	UCTX09	49	16	38	117	102	83	149	—	90	16	86	29	19	49	51.6	19	87	—	9	—	UCX09	35500	23200	TX09	UCTX09C(E)	—	2.8	3.0	—		
	UCT309	55	18	38	138	125	90	178	178	110	18	97	34	24	55	57	22	—	106	—	12	UC309	51500	29500	T309	—	CUCT309C(CE)	4.1	—	5.5		
50	UCT210	49	16	37	117	102	83	149	151	90	16	86	29	19	49	51.6	19	87	98	9	10	UC210	35500	23200	T210	UCT210C(E)	CUCT210C(CE)	2.5	2.8	4.1		
	UCTX10	64	22	42	146	130	102	171	—	106	19	95	35	25	64	55.6	22.2	88	—	9	—	UCX10	43000	29400	TX10	UCTX10C(E)	—	4.4	4.6	—		
	UCT310	61	20	40	151	140	98	191	191	117	20	106	37	27	61	61	22	—	114	—	12	UC310	61500	38200	T310	—	CUCT310C(CE)	5.2	—	6.8		
55	UCT211	64	22	38	146	130	102	171	174	106	19	95	35	25	64	55.6	22.2	88	100	9	10	UC211	43000	29400	T211	UCT211C(E)	CUCT211C(CE)	4.0	4.3	5.6		
	UCTX11	64	22	44	146	130	102	194	—	119	19	102	35	32	64	65.1	25.4	100	—	9	—	UCX11	52500	36100	TX11	UCTX11C(E)	—	5.2	5.5	—		
	UCT311	66	22	44	163	150	105	207	207	127	21	115	39	29	66	66	25	—	120	—	13	UC311	71500	44800	T311	—	CUCT311C(CE)	6.4	—	8.3		
60	UCT212	64	22	42	146	130	102	194	194	119	19	102	35	32	64	65.1	25.4	102	114	10	11	UC212	52500	36100	T212	UCT212C(E)	CUCT212C(CE)	5.1	5.5	7.0		
	UCTX12	70	26	48	167	151	111	224	—	137	21	121	41	32	70	65.1	25.4	104	—	11	—	UCX12	57500	40000	TX12	UCTX12C(E)	—	7.2	7.4	—		
	UCT312	71	22	46	178	160	113	220	220	135	23	123	41	31	71	71	26	—	130	—	14	UC312	81500	52000	T312	—	CUCT312C(CE)	7.6	—	10.7		

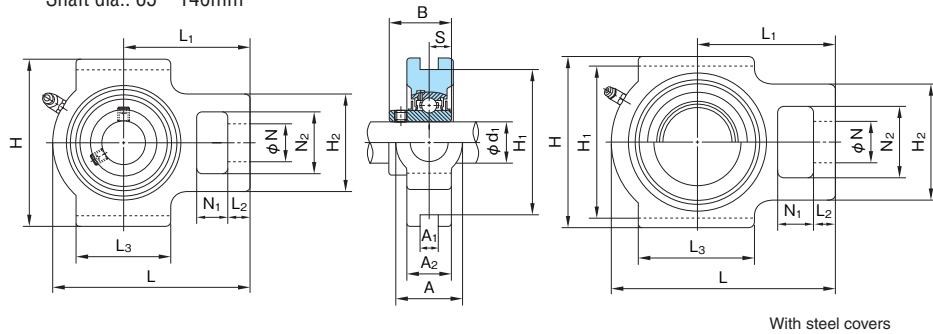
Remarks: 1. Grease nipple: 1/4-28UNF

Remarks: 2. Examples of unit numbers with covers:

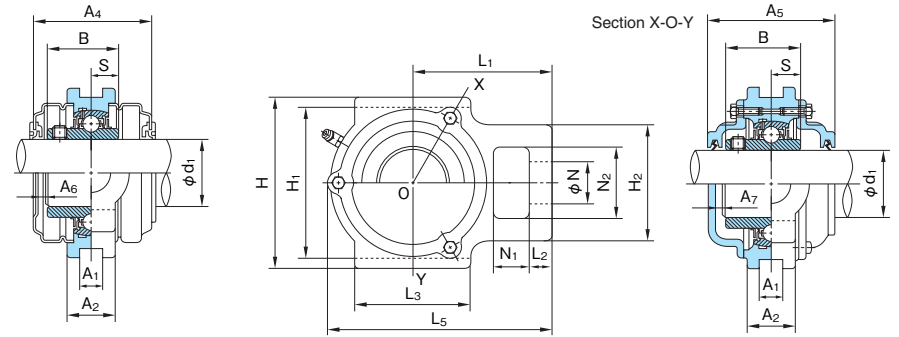
- With steel cover { Covers with rubber seal on both sides :UCT210C  
An end cover and a cover with rubber seal :UCT210E
- With cast cover { Covers with rubber seal on both sides :CUCT210C  
An end cover and a cover with rubber seal :CUCT210CE

**Take-up Units**

**UCT type With set screws Cylindrical bore**  
Shaft dia.: 65~140mm



With steel covers



With cast covers

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)																				Bearings			Housing No.	Unit No. with steel covers	Unit No. with cast covers	Mass of Unit (kg)				
		A	A <sub>1</sub>	A <sub>2</sub>	H	H <sub>1</sub>	H <sub>2</sub>	L	L <sub>5</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	N	N <sub>1</sub>	N <sub>2</sub>	B	S	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>	No.	Basic load rating (N)					Covers with rubber seal (End cover on one side)	Covers with rubber seal (End cover on one side)	standard	With steel cover	With cast cover
		Cr	Cor																													
65	UCT213	70	26	44	167	151	111	224	224	137	21	121	41	32	70	65.1	25.4	102	118	10	13	UC213	57500	40000	T213	UCT213C(E)	CUCT213C(CE)	7.0	7.5	9.2		
	UCTX13	70	26	48	167	151	111	224	—	137	21	121	41	32	70	74.6	30.2	—	—	—	—	UCX13	62000	44000	TX13	—	—	7.4	—	—		
	UCT313	80	26	50	190	170	116	238	242	146	25	134	43	32	70	75	30	—	140	—	17	UC313	92500	59700	T313	—	CUCT313C(CE)	9.2	—	12.9		
70	UCT214	70	26	46	167	151	111	224	224	137	21	121	41	32	70	74.6	30.2	—	134	—	16	UC214	62000	44000	T214	—	CUCT214C(CE)	7.1	—	9.8		
	UCTX14	70	26	48	167	151	111	232	—	140	21	121	41	32	70	77.8	33.3	—	—	—	—	UCX14	66000	48200	TX14	—	—	7.7	—	—		
	UCT314	90	26	52	202	180	130	252	256	155	25	140	46	36	85	78	33	—	140	—	17	UC314	104000	68000	T314	—	CUCT314C(CE)	11.2	—	15.0		
75	UCT215	70	26	48	167	151	111	232	232	140	21	121	41	32	70	77.8	33.3	—	136	—	17	UC215	66000	48200	T215	—	CUCT215C(CE)	7.5	—	10.2		
	UCTX15	70	28	48	184	165	111	235	—	140	21	121	41	32	70	82.6	33.3	—	—	—	—	UCX15	72500	53000	TX15	—	—	8.4	—	—		
	UCT315	90	26	55	216	192	132	262	266	160	25	150	46	36	85	82	32	—	150	—	17	UC315	114000	76900	T315	—	CUCT315C(CE)	13.0	—	17.2		
80	UCT216	70	26	51	184	165	111	235	236	140	21	121	41	32	70	82.6	33.3	—	146	—	15	UC216	72500	53000	T216	—	CUCT216C(CE)	8.5	—	12.4		
	UCTX16	73	28	54	198	173	124	260	—	162	28	157	48	38	73	85.7	34.1	—	—	—	—	UCX16	83500	61800	TX16	—	—	11.3	—	—		
	UCT316	102	30	60	230	204	150	282	285	174	28	160	53	42	98	86	34	—	154	—	17	UC316	123000	86400	T316	—	CUCT316C(CE)	15.6	—	20.7		
85	UCT217	73	30	54	198	173	124	260	264	162	29	157	48	38	73	85.7	34.1	—	150	—	15	UC217	83500	61800	T217	—	CUCT217C(CE)	11.2	—	15.4		
	UCTX17	73	28	54	198	173	124	260	—	162	28	157	48	38	73	96	39.7	—	—	—	—	UCX17	95500	71400	TX17	—	—	11.0	—	—		
	UCT317	102	32	64	240	214	152	298	302	183	30	170	53	42	98	96	40	—	164	—	18	UC317	132000	96500	T317	—	CUCT317C(CE)	19.3	—	24.4		
90	UCT318	110	32	66	255	228	160	312	316	192	30	175	57	46	106	96	40	—	168	—	20	UC318	143000	107200	T318	—	CUCT318C(CE)	21.2	—	27.4		
95	UCT319	110	35	72	270	240	165	322	326	197	31	180	57	46	106	103	41	—	180	—	20	UC319	153000	118400	T319	—	CUCT319C(CE)	24.4	—	31.3		
100	UCT320	120	35	75	290	260	175	345	349	210	32	200	59	48	115	108	42	—	190	—	21	UC320	173000	140400	T320	—	CUCT320C(CE)	30.6	—	37.9		
105	UCT321	120	35	75	290	260	175	345	354	210	32	200	59	48	115	112	44	—	194	—	21	UC321	183000	153100	T321	—	CUCT321C(CE)	30.2	—	38.2		
110	UCT322	130	38	80	320	285	185	385	387	235	38	215	65	52	125	117	46	—	210	—	26	UC322	205000	178800	T322	—	CUCT322C(CE)	38.8	—	48.2		
120	UCT324	140	45	90	355	320	210	432	432	267	42	230	70	60	140	126	51	—	220	—	25	UC324	207000	184800	T324	—	CUCT324C(CE)	54.6	—	67.3		
130	UCT326	150	50	100	385	350	220	465	465	285	45	240	75	65	150	135	54	—	230	—	24	UC326	229000	214300	T326	—	CUCT326C(CE)	68.4	—	83.5		
140	UCT328	155	50	100	415	380	230	515	515	315	50	255	80	70	160	145	59	—	240	—	24	UC328	255000	246000	T328	—	CUCT328C(CE)	83.2	—	101		

Remarks: 1. Grease nipple: 1/4-28UNF for bore number 13 and under  
PF1/8 for bore number 14 and over

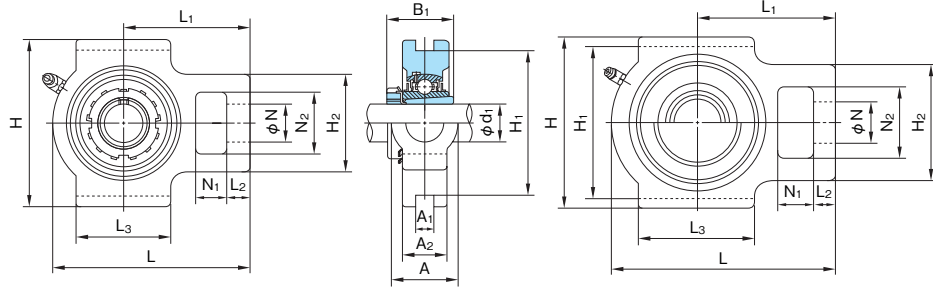
Remarks: 2. Examples of unit numbers with covers:

- With steel cover { Covers with rubber seal on both sides :UCT213C  
An end cover and a cover with rubber seal :UCT213E
- With cast cover { Covers with rubber seal on both sides :CUCT213C  
An end cover and a cover with rubber seal :CUCT213CE

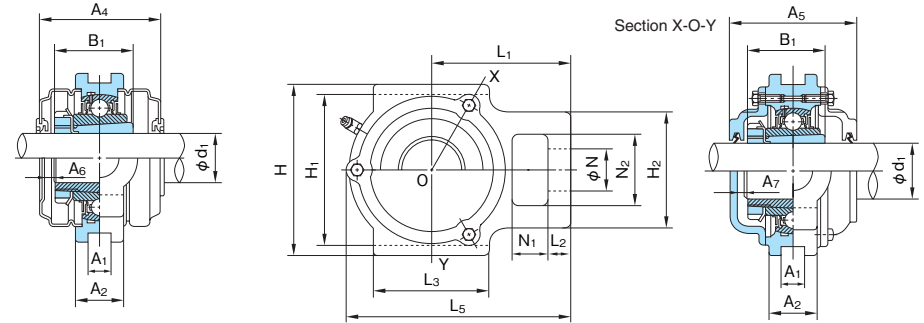
**Take-up Units**

**UKT+H type With adapter assembly Tapered bore**

Shaft dia.: 20~60mm



With steel covers



With cast covers

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)																				Bearings			Housing No.	Unit No. with steel covers	Unit No. with cast covers	Mass of Unit (kg)			
		A	A <sub>1</sub>	A <sub>2</sub>	H	H <sub>1</sub>	H <sub>2</sub>	L	L <sub>5</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	N	N <sub>1</sub>	N <sub>2</sub>	B <sub>1</sub>	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>	No.	Basic load rating (N)		Covers with rubber seal (End cover on one side)				Covers with rubber seal (End cover on one side)	standard	With steel cover	With cast cover
		Cr	Cor																												
20	UKT205+H2305	32	12	24	89	76	51	97	100	62	10	51	19	16	32	35	63	70	11	9	UK205+H2305	14000	7900	T205	UKT205C(E)+H2305	CUKT205C(CE)+H2305	0.83	0.94	1.6		
	UKTX05+H2305	37	12	28	102	89	56	113	—	70	10	57	22	16	37	35	65	—	10	—	UKX05+H2305	19600	11300	TX05	UKTX05C(E)+H2305	—	1.3	1.3	—		
	UKT305+H2305	36	12	26	89	80	62	122	122	76	12	65	26	16	36	35	—	78	—	12	UK305+H2305	21300	10900	T305	—	CUKT305C(CE)+H2305	1.4	—	2.1		
25	UKT206+H2306	37	12	28	102	89	56	113	113	70	10	57	22	16	37	38	65	74	10	10	UK206+H2306	19600	11300	T206	UKT206C(E)+H2306	CUKT206C(CE)+H2306	1.4	1.5	2.1		
	UKTX06+H2306	37	12	30	102	89	64	129	—	78	13	64	22	16	37	38	70	—	12	—	UKX06+H2306	25900	15400	TX06	UKTX06C(E)+H2306	—	1.7	1.7	—		
	UKT306+H2306	41	16	28	100	90	70	137	137	85	14	74	28	18	41	38	—	84	—	13	UK306+H2306	26800	15000	T306	—	CUKT306C(CE)+H2306	1.8	—	2.6		
30	UKT207+H2307	37	12	30	102	89	64	129	129	78	13	64	22	16	37	43	70	80	11	11	UK207+H2307	25900	15400	T207	UKT207C(E)+H2307	CUKT207C(CE)+H2307	1.7	1.9	2.7		
	UKTX07+H2307	49	16	36	114	102	83	144	—	88	15	83	29	19	49	43	83	—	17	—	UKX07+H2307	29300	17900	TX07	UKTX07C(E)+H2307	—	2.6	2.6	—		
	UKT307+H2307	45	16	32	111	100	75	150	150	94	15	80	30	20	45	43	—	90	—	14	UK307+H2307	33500	19200	T307	—	CUKT307C(CE)+H2307	2.5	—	3.4		
35	UKT208+H2308	49	16	33	114	102	83	144	144	88	16	83	29	19	49	46	82	90	15	14	UK208+H2308	29300	17900	T208	UKT208C(E)+H2308	CUKT208C(CE)+H2308	2.5	2.6	3.5		
	UKTX08+H2308	49	16	36	117	102	83	144	—	87	15	83	29	19	49	46	82	—	15	—	UKX08+H2308	33000	20500	TX08	UKTX08C(E)+H2308	—	2.6	2.6	—		
	UKT308+H2308	50	18	34	124	112	83	162	162	100	17	89	32	22	50	46	—	100	—	17	UK308+H2308	40500	23900	T308	—	CUKT308C(CE)+H2308	3.1	—	4.1		
40	UKT209+H2309	49	16	35	117	102	83	144	145	87	16	83	29	19	49	50	82	90	14	13	UK209+H2309	33000	20500	T209	UKT209C(E)+H2309	CUKT209C(CE)+H2309	2.5	2.7	3.8		
	UKTX09+H2309	49	16	38	117	102	83	149	—	90	16	86	29	19	49	50	87	—	16	—	UKX09+H2309	35500	23200	TX09	UKTX09C(E)+H2309	—	2.8	3.0	—		
	UKT309+H2309	55	18	38	138	125	90	178	178	110	18	97	34	24	55	50	—	106	—	17	UK309+H2309	51500	29500	T309	—	CUKT309C(CE)+H2309	4.1	—	5.6		
45	UKT210+H2310	49	16	37	117	102	83	149	151	90	16	86	29	19	49	55	87	98	15	15	UK210+H2310	35500	23200	T210	UKT210C(E)+H2310	CUKT210C(CE)+H2310	2.7	3.0	4.3		
	UKTX10+H2310	64	22	42	146	130	102	171	—	106	19	95	35	25	64	55	88	—	14	—	UKX10+H2310	43000	29400	TX10	UKTX10C(E)+H2310	—	4.4	4.6	—		
	UKT310+H2310	61	20	40	151	140	98	191	191	117	20	106	37	27	61	55	—	114	—	19	UK310+H2310	61500	38200	T310	—	CUKT310C(CE)+H2310	5.3	—	7.1		
50	UKT211+H2311	64	22	38	146	130	102	171	174	106	19	95	35	25	64	59	88	100	14	15	UK211+H2311	43000	29400	T211	UKT211C(E)+H2311	CUKT211C(CE)+H2311	4.1	4.5	5.8		
	UKTX11+H2311	64	22	44	146	130	102	194	—	119	19	102	35	32	64	59	100	—	19	—	UKX11+H2311	52500	36100	TX11	UKTX11C(E)+H2311	—	5.1	5.3	—		
	UKT311+H2311	66	22	44	163	150	105	207	207	127	21	115	39	29	66	59	—	120	—	20	UK311+H2311	71500	44800	T311	—	CUKT311C(CE)+H2311	6.4	—	8.4		
55	UKT212+H2312	64	22	42	146	130	102	194	194	119	19	102	35	32	64	62	102	114	19	20	UK212+H2312	52500	36100	T212	UKT212C(E)+H2312	CUKT212C(CE)+H2312	5.1	5.6	7.2		
	UKTX12+H2312	70	26	48	167	151	111	224	—	137	21	121	41	32	70	62	104	—	19	—	UKX12+H2312	57500	40000	TX12	UKTX12C(E)+H2312	—	7.1	7.3	—		
	UKT312+H2312	71	22	46	178	160	113	220	220	135	23	123	41	31	71	62	—	130	—	23	UK312+H2312	81500	52000	T312	—	CUKT312C(CE)+H2312	7.6	—	10.8		
60	UKT213+H2313	70	26	44	167	151	111	224	224	137	21	121	41	32	70	65	102	118	17	20	UK213+H2313	57500	40000	T213	UKT213C(E)+H2313	CUKT213C(CE)+H2313	7.1	7.6	9.5		
	UKTX13+H2313	70	26	48	167	151	111	224	—	137	21	121	41	32	70	65	—	—	—	—	UKX13+H2313	62000	44000	TX13	—	—	7.2	—	—		
	UKT313+H2313	80	26	50	190	170	116	238	242	146	25	134	43	32	70	65	—	140	—	24	UK313+H2313	92500	59700	T313	—	CUKT313C(CE)+H2313	9.1	—	12.9		

Remarks: 1. Grease nipple: 1/4-28UNF

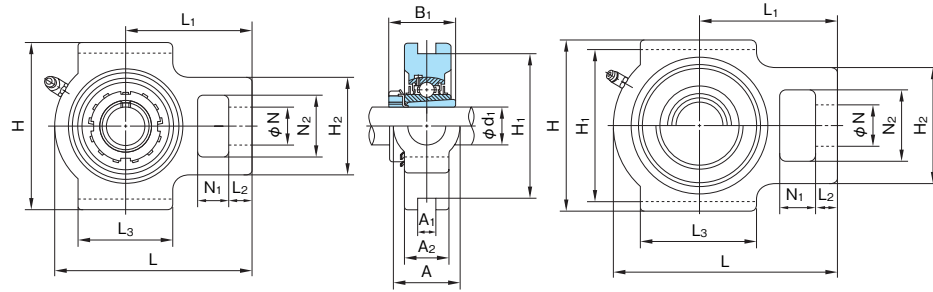
Remarks: 2. Examples of unit numbers with covers:

- With steel cover { Covers with rubber seal on both sides :UKP210C+H2310
- { An end cover and a cover with rubber seal :UKT210E+H2310
- With cast cover { Covers with rubber seal on both sides :UKP210C+H2310
- { An end cover and a cover with rubber seal :CUKT210CE+H2310

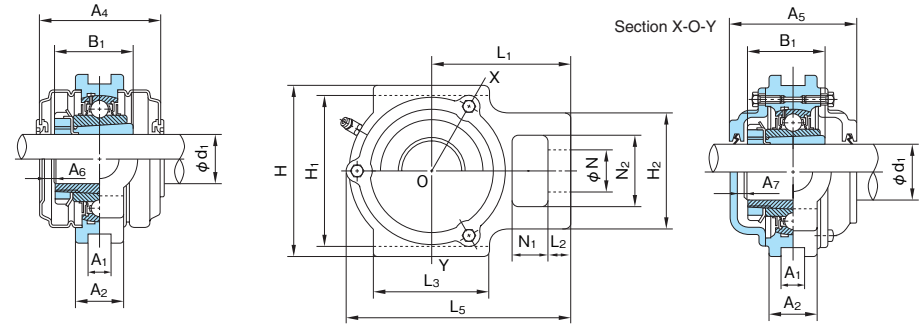
**Take-up Units**

**UKT+H type With adapter assembly Tapered bore**

Shaft dia.: 65~125mm



With steel covers



With cast covers

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)																				Bearings			Housing No.	Unit No. with steel covers Covers with rubber seal (End cover on one side)	Unit No. with cast covers Covers with rubber seal (End cover on one side)	Mass of Unit (kg)	
		A	A <sub>1</sub>	A <sub>2</sub>	H	H <sub>1</sub>	H <sub>2</sub>	L	L <sub>5</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	N	N <sub>1</sub>	N <sub>2</sub>	B <sub>1</sub>	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>	No.	Basic load rating (N)		standard				With steel cover	With cast cover
		Cr	Cor	Cr	Cor																								
65	UKT215+H2315	70	26	48	167	151	111	232	232	140	21	121	41	32	70	73	—	136	—	26	UK215+H2315	66000	48200	T215	—	CUKT215C(CE)+H2315	7.9	—	10.7
	UKTX15+H2315	70	28	48	184	165	111	235	—	140	21	121	41	32	70	73	—	—	—	—	UKX15+H2315	72500	53000	TX15	—	—	8.4	—	—
	UKT315+H2315	90	26	55	216	192	132	262	266	160	25	150	46	36	85	73	—	150	—	25	UK315+H2315	114000	76900	T315	—	CUKT315C(CE)+H2315	13.1	—	17.6
70	UKT216+H2316	70	26	51	184	165	111	235	236	140	21	121	41	32	70	78	—	146	—	26	UK216+H2316	72500	53000	T216	—	CUKT216C(CE)+H2316	8.9	—	12.9
	UKTX16+H2316	73	28	54	198	173	124	260	—	162	28	157	48	38	73	78	—	—	—	—	UKX16+H2316	83500	61800	TX16	—	—	11.4	—	—
	UKT316+H2316	102	30	60	230	204	150	282	285	174	28	160	53	42	98	78	—	154	—	23	UK316+H2316	123000	86400	T316	—	CUKT316C(CE)+H2316	15.9	—	21.1
75	UKT217+H2317	73	30	54	198	173	124	260	264	162	29	157	48	38	73	82	—	150	—	26	UK217+H2317	83500	61800	T217	—	CUKT217C(CE)+H2317	11.7	—	16.1
	UKTX17+H2317	73	28	54	198	173	124	260	—	162	28	157	48	38	73	82	—	—	—	—	UKX17+H2317	95500	71400	TX17	—	—	10.9	—	—
	UKT317+H2317	102	32	64	240	214	152	298	302	183	30	170	53	42	98	82	—	164	—	26	UK317+H2317	132000	96500	T317	—	CUKT317C(CE)+H2317	19.3	—	24.6
80	UKT318+H2318	110	32	66	255	228	160	312	316	192	30	175	57	46	106	86	—	168	—	26	UK318+H2318	143000	107200	T318	—	CUKT318C(CE)+H2318	21.4	—	28.4
85	UKT319+H2319	110	35	72	270	240	165	322	326	197	31	180	57	46	106	90	—	180	—	30	UK319+H2319	153000	118400	T319	—	CUKT319C(CE)+H2319	24.4	—	31.5
90	UKT320+H2320	120	35	75	290	260	175	345	349	210	32	200	59	48	115	97	—	190	—	31	UK320+H2320	173000	140400	T320	—	CUKT320C(CE)+H2320	30.6	—	38.5
100	UKT322+H2322	130	38	80	320	285	185	385	387	235	38	215	65	52	125	105	—	210	—	36	UK322+H2322	205000	178800	T322	—	CUKT322C(CE)+H2322	38.9	—	48.9
110	UKT324+H2324	140	45	90	355	320	210	432	432	267	42	230	70	60	140	112	—	220	—	35	UK324+H2324	207000	184800	T324	—	CUKT324C(CE)+H2324	54.1	—	67.5
115	UKT326+H2326	150	50	100	385	350	220	465	465	285	45	240	75	65	150	121	—	230	—	36	UK326+H2326	229000	214300	T326	—	CUKT326C(CE)+H2326	68.7	—	85.0
125	UKT328+H2328	155	50	100	415	380	230	515	515	315	50	255	80	70	160	131	—	240	—	37	UK328+H2328	255000	246000	T328	—	CUKT328C(CE)+H2328	83.5	—	103

Remarks: 1. Grease nipple: PF1/8

Remarks: 2. Examples of unit numbers with covers:

With cast cover { Covers with rubber seal on both sides :CUKT315C+H2315  
An end cover and a cover with rubber seal :CUKT315CE+H2315

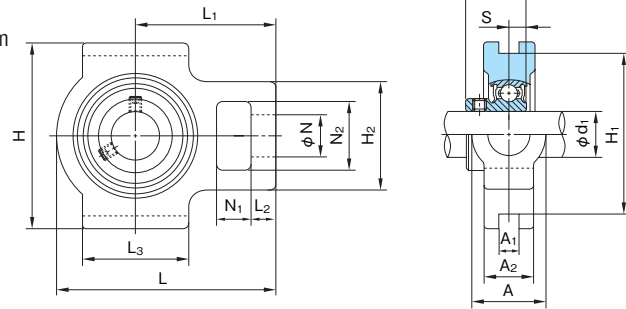
**Take-up Units**

**BT200 type**

**With set screws**

**Cylindrical bore**

Shaft dia.: 20~35mm



1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)															Bearings			Housing No.	Mass of Unit (kg)
		A	A <sub>1</sub>	A <sub>2</sub>	H	H <sub>1</sub>	H <sub>2</sub>	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	N	N <sub>1</sub>	N <sub>2</sub>	B	S	No.	Basic load rating (N)			
		Cr		Cor																	
20	BT204	32	12	21	89	76	51	94	61	10	51	19	16	32	24.7	7	B4	12800	6600	T204 G00	0.70
25	BT205	32	12	24	89	76	51	97	62	10	51	19	16	32	27	7.5	B5	14000	7900	T205 G00	0.79
30	BT206	37	12	28	102	89	56	113	70	10	57	22	16	37	30.3	8	B6	19600	11300	T206 G00	1.2
35	BT207	37	12	30	102	89	64	129	78	13	64	22	16	37	32.9	8.5	B7	25900	15400	T207 G00	1.6



**Take-up Units**

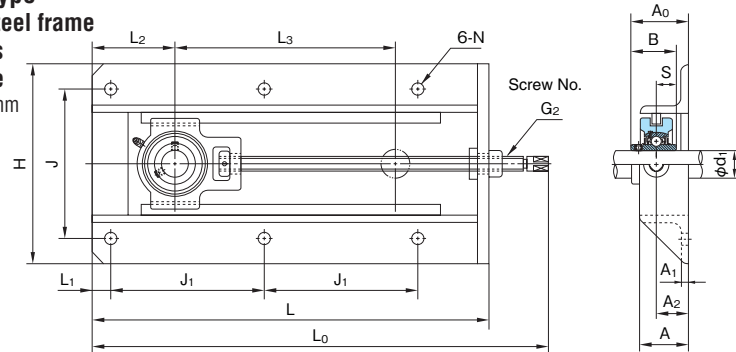
UCT200+WB type

With pressed steel frame

With set screws

Cylindrical bore

Shaft dia.: 12~65mm



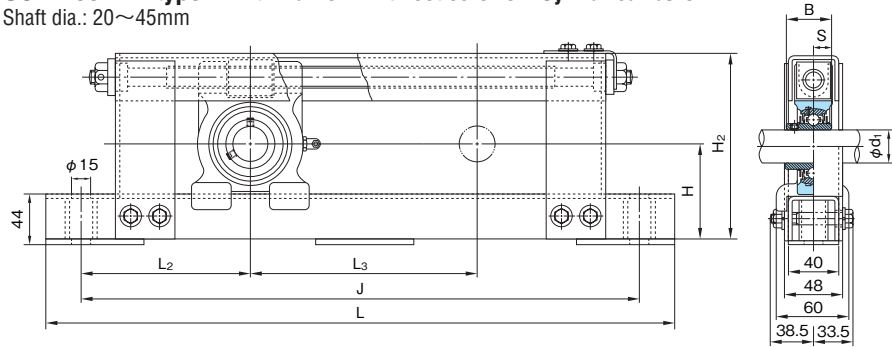
1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)																Bolt size	Frame No.	Bearings		Mass of Unit (kg)	
		H	L	J	J <sub>1</sub>	N	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	G <sub>2</sub>	L <sub>0</sub>	A	A <sub>1</sub>	A <sub>2</sub>	A <sub>0</sub>	B	S			No.	Basic load rating (N)		
		Cr	Cor																				
12	UCT201+WB	199	317	154	117	12	19	83	150	Tr16	367	50	29	6	47.3	31	12.7	M10	WB205	UC201	12800	6600	5.0
15	UCT202+WB	199	317	154	117	12	19	83	150	Tr16	367	50	29	6	47.3	31	12.7	M10	WB205	UC202	12800	6600	5.0
17	UCT203+WB	199	317	154	117	12	19	83	150	Tr16	367	50	29	6	47.3	31	12.7	M10	WB205	UC203	12800	6600	5.0
20	UCT204+WB	199	317	154	117	12	19	83	150	Tr16	367	50	29	6	47.3	31	12.7	M10	WB205	UC204	12800	6600	5.0
25	UCT205+WB	199	317	154	117	12	19	83	150	Tr16	368	50	29	6	48.7	34	14.3	M10	WB205	UC205	14000	7900	5.0
30	UCT206+WB	212	337	166	127	12	19	95	150	Tr18	396	50	30	6	52.2	38.1	15.9	M10	WB206	UC206	19600	11300	5.9
35	UCT207+WB	212	429	166	173	12	19	99	230	Tr18	490	50	30	6	55.4	42.9	17.5	M10	WB207	UC207	25900	15400	7.9
40	UCT208+WB	233	520	192	219	15	22	108	300	Tr26	591	50	30	6	60.2	49.2	19	M12	WB210	UC208	29300	17900	11.1
45	UCT209+WB	233	520	192	219	15	22	108	300	Tr26	590	50	30	6	60.2	49.2	19	M12	WB210	UC209	33000	20500	11.1
50	UCT210+WB	233	520	192	219	15	22	108	300	Tr26	593	50	30	6	62.6	51.6	19	M12	WB210	UC210	35500	23200	11.2
55	UCT211+WB	301	542	240	230	15	22	114	300	Tr30	631	65	38	6	71.4	55.6	22.2	M12	WB211	UC211	43000	29400	17.3
60	UCT212+WB	301	568	240	243	15	22	127	300	Tr30	657	65	38	6	77.7	65.1	25.4	M12	WB212	UC212	52500	36100	18.7
65	UCT213+WB	322	606	260	260	15	22	144	300	Tr36	699	65	38	6	77.7	65.1	25.4	M12	WB213	UC213	57500	40000	23.4

Remark: Grease nipple: 1/4-28UNF

**Take-up Units**

**UCTL200+WL type With frame With set screws Cylindrical bore**  
 Shaft dia.: 20~45mm

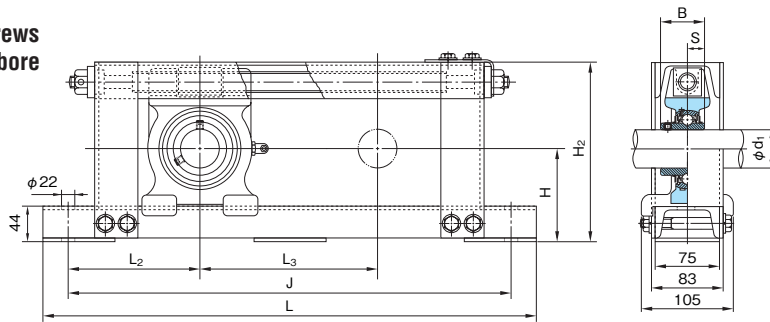


1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)								Bolt size	Bearings			Housing No.	Frame No.	Mass of Unit (kg)
		H	H <sub>2</sub>	L	J	L <sub>2</sub>	L <sub>3</sub>	B	S		No.	Basic load rating (N)				
												Cr	Cor			
20	<i>UCTL204+WL100</i>	77	146	430	370	135	100	31	12.7	M12	UC204	12800	6600	TL204	<i>WL204-100</i>	5.6
	<i>UCTL204+WL200</i>			530	470		200								<i>WL204-200</i>	6.3
	<i>UCTL204+WL300</i>			630	570		300								<i>WL204-300</i>	7.0
	<i>UCTL204+WL400</i>			730	670		400								<i>WL204-400</i>	7.7
25	<i>UCTL205+WL100</i>	82	156	440	380	140	100	34	14.3	M12	UC205	14000	7900	TL205	<i>WL205-100</i>	6.0
	<i>UCTL205+WL200</i>			540	480		200								<i>WL205-200</i>	6.7
	<i>UCTL205+WL300</i>			640	580		300								<i>WL205-300</i>	7.4
	<i>UCTL205+WL400</i>			740	680		400								<i>WL205-400</i>	8.1
30	<i>UCTL206+WL100</i>	87	166	450	390	145	100	38.1	15.9	M12	UC206	19600	11300	TL206	<i>WL206-100</i>	6.5
	<i>UCTL206+WL200</i>			550	490		200								<i>WL206-200</i>	7.2
	<i>UCTL206+WL300</i>			650	590		300								<i>WL206-300</i>	7.9
	<i>UCTL206+WL400</i>			750	690		400								<i>WL206-400</i>	8.6
35	<i>UCTL207+WL100</i>	92	176	460	400	150	100	42.9	17.5	M12	UC207	25900	15400	TL207	<i>WL207-100</i>	7.1
	<i>UCTL207+WL200</i>			560	500		200								<i>WL207-200</i>	7.8
	<i>UCTL207+WL300</i>			660	600		300								<i>WL207-300</i>	8.5
	<i>UCTL207+WL400</i>			760	700		400								<i>WL207-400</i>	9.2
40	<i>UCTL208+WL100</i>	97	186	470	410	155	100	49.2	19	M12	UC208	29300	17900	TL208	<i>WL208-100</i>	7.8
	<i>UCTL208+WL200</i>			570	510		200								<i>WL208-200</i>	8.5
	<i>UCTL208+WL300</i>			670	610		300								<i>WL208-300</i>	9.2
	<i>UCTL208+WL400</i>			770	710		400								<i>WL208-400</i>	9.9
45	<i>UCTL209+WL100</i>	100	192	480	420	160	100	49.2	19	M12	UC209	33000	20500	TL209	<i>WL209-100</i>	8.2
	<i>UCTL209+WL200</i>			580	520		200								<i>WL209-200</i>	8.9
	<i>UCTL209+WL300</i>			680	620		300								<i>WL209-300</i>	9.6
	<i>UCTL209+WL400</i>			780	720		400								<i>WL209-400</i>	10.3

Remarks: 1. Please contact NACHI for unit numbers appearing in italic.  
 2. Grease nipple: PF1/8

**Take-up Units**  
**UCTU200+WU type**  
 With frame  
 With set screws  
 Cylindrical bore  
 Shaft dia.:  
 40~60mm

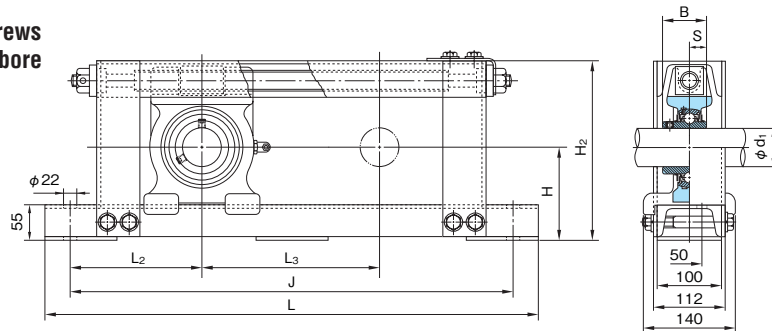


1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)								Bolt size	Bearings			Housing No.	Frame No.	Mass of Unit (kg)
		H	H <sub>2</sub>	L	J	L <sub>2</sub>	L <sub>3</sub>	B	S		No.	Basic load rating (N)				
												Cr	Cor			
40	<i>UCTU208+WU500</i>	97	190	870	810	155	500	49.2	19	M18	UC208	29300	17900	TC208	<i>WU208-500</i>	19.0
	<i>UCTU208+WU600</i>			970	910		600								<i>WU208-600</i>	20.6
	<i>UCTU208+WU700</i>			1070	1010		700								<i>WU208-700</i>	22.2
	<i>UCTU208+WU800</i>			1170	1110		800								<i>WU208-800</i>	23.8
	<i>UCTU208+WU900</i>			1270	1210		900								<i>WU208-900</i>	25.3
45	<i>UCTU209+WU500</i>	102	200	880	820	160	500	19.2	19	M18	UC209	33000	20500	TC209	<i>WU209-500</i>	19.7
	<i>UCTU209+WU600</i>			980	920		600								<i>WU209-600</i>	21.3
	<i>UCTU209+WU700</i>			1080	1020		700								<i>WU209-700</i>	22.9
	<i>UCTU209+WU800</i>			1180	1120		800								<i>WU209-800</i>	24.5
	<i>UCTU209+WU900</i>			1280	1220		900								<i>WU209-900</i>	26.1
50	<i>UCTU210+WU500</i>	107	210	890	830	165	500	51.6	19	M18	UC210	35500	23200	TC210	<i>WU210-500</i>	20.5
	<i>UCTU210+WU600</i>			990	930		600								<i>WU210-600</i>	22.2
	<i>UCTU210+WU700</i>			1090	1030		700								<i>WU210-700</i>	23.8
	<i>UCTU210+WU800</i>			1190	1130		800								<i>WU210-800</i>	25.4
	<i>UCTU210+WU900</i>			1290	1230		900								<i>WU210-900</i>	27.0
55	<i>UCTU211+WU500</i>	115	230	910	850	175	500	55.6	22.2	M18	UC211	43000	29400	TC211	<i>WU211-500</i>	22.4
	<i>UCTU211+WU600</i>			1010	950		600								<i>WU211-600</i>	23.7
	<i>UCTU211+WU700</i>			1110	1050		700								<i>WU211-700</i>	25.8
	<i>UCTU211+WU800</i>			1210	1150		800								<i>WU211-800</i>	27.4
	<i>UCTU211+WU900</i>			1310	1250		900								<i>WU211-900</i>	29.1
60	<i>UCTU212+WU500</i>	120	240	920	860	180	500	65.1	25.4	M18	UC212	52500	36100	TC212	<i>WU212-500</i>	23.9
	<i>UCTU212+WU600</i>			1020	960		600								<i>WU212-600</i>	25.6
	<i>UCTU212+WU700</i>			1120	1060		700								<i>WU212-700</i>	27.2
	<i>UCTU212+WU800</i>			1220	1160		800								<i>WU212-800</i>	28.9
	<i>UCTU212+WU900</i>			1320	1260		900								<i>WU212-900</i>	30.6

Remarks: 1. Please contact NACHI for unit numbers appearing in italic.  
 2. Grease nipple: PF1/8

**Take-up Units**  
**UCTU300+WU type**  
 With frame  
 With set screws  
 Cylindrical bore  
 Shaft dia.:  
 65~90mm



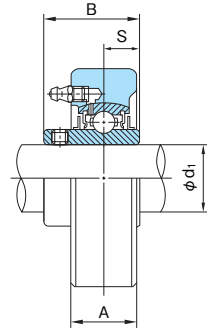
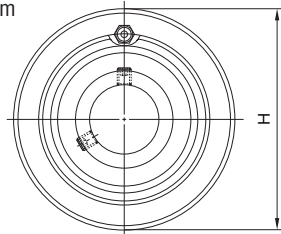
1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)								Bolt size	Bearings			Housing No.	Frame No.	Mass of Unit (kg)
		H	H <sub>2</sub>	L	J	L <sub>2</sub>	L <sub>3</sub>	B	S		No.	Basic load rating (N)				
												Cr	Cor			
65	<i>UCTU313+WU500</i>	145	285	940	880	190	500	75	30	M18	UC313	92500	59700	TU313	<i>WU313-500</i>	38.3
	<i>UCTU313+WU600</i>			1040	980		600								<i>WU313-600</i>	40.6
	<i>UCTU313+WU700</i>			1140	1080		700								<i>WU313-700</i>	42.9
	<i>UCTU313+WU800</i>			1240	1180		800								<i>WU313-800</i>	45.3
	<i>UCTU313+WU900</i>			1340	1280		900								<i>WU313-900</i>	47.6
70	<i>UCTU314+WU500</i>	150	295	960	900	200	500	78	33	M18	UC314	104000	68000	TU314	<i>WU314-500</i>	40.8
	<i>UCTU314+WU600</i>			1060	1000		600								<i>WU314-600</i>	43.1
	<i>UCTU314+WU700</i>			1160	1100		700								<i>WU314-700</i>	45.4
	<i>UCTU314+WU800</i>			1260	1200		800								<i>WU314-800</i>	47.8
	<i>UCTU314+WU900</i>			1360	1300		900								<i>WU314-900</i>	50.1
75	<i>UCTU315+WU500</i>	155	305	980	920	210	500	82	32	M18	UC315	114000	76900	TU315	<i>WU315-500</i>	43.6
	<i>UCTU315+WU600</i>			1080	1020		600								<i>WU315-600</i>	45.9
	<i>UCTU315+WU700</i>			1180	1120		700								<i>WU315-700</i>	48.3
	<i>UCTU315+WU800</i>			1280	1220		800								<i>WU315-800</i>	50.6
	<i>UCTU315+WU900</i>			1380	1320		900								<i>WU315-900</i>	52.9
80	<i>UCTU316+WU500</i>	160	315	1000	940	220	500	86	34	M18	UC316	123000	86400	TU316	<i>WU316-500</i>	45.1
	<i>UCTU316+WU600</i>			1100	1040		600								<i>WU316-600</i>	47.4
	<i>UCTU316+WU700</i>			1200	1140		700								<i>WU316-700</i>	49.7
	<i>UCTU316+WU800</i>			1300	1240		800								<i>WU316-800</i>	52.0
	<i>UCTU316+WU900</i>			1400	1340		900								<i>WU316-900</i>	54.4
85	<i>UCTU317+WU500</i>	165	325	1020	960	230	500	96	40	M18	UC317	132000	96500	TU317	<i>WU317-500</i>	49.8
	<i>UCTU317+WU600</i>			1120	1060		600								<i>WU317-600</i>	52.1
	<i>UCTU317+WU700</i>			1220	1160		700								<i>WU317-700</i>	54.4
	<i>UCTU317+WU800</i>			1320	1260		800								<i>WU317-800</i>	56.7
	<i>UCTU317+WU900</i>			1420	1360		900								<i>WU317-900</i>	59.0
90	<i>UCTU318+WU500</i>	170	335	1050	990	245	500	96	40	M18	UC318	143000	107200	TU318	<i>WU318-500</i>	53.1
	<i>UCTU318+WU600</i>			1150	1090		600								<i>WU318-600</i>	55.4
	<i>UCTU318+WU700</i>			1250	1190		700								<i>WU318-700</i>	57.7
	<i>UCTU318+WU800</i>			1350	1290		800								<i>WU318-800</i>	60.1
	<i>UCTU318+WU900</i>			1450	1390		900								<i>WU318-900</i>	62.4

Remarks: 1. Please contact NACHI for unit numbers appearing in italic.  
 2. Grease nipple: PF1/8

### Cylindrical Cartridge Units

**UCC type**  
**With set screws**  
**Cylindrical bore**  
 Shaft dia.: 12~140mm



1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)				Bearings			Housing No.	Mass of Unit (kg)
		H	A	B	S	No.	Basic load rating (N)			
							Cr	Cor		
12	UCC201	72	20	31	12.7	UC201	12800	6600	C204	0.54
15	UCC202	72	20	31	12.7	UC202	12800	6600	C204	0.52
17	UCC203	72	20	31	12.7	UC203	12800	6600	C204	0.51
20	UCC204	72	20	31	12.7	UC204	12800	6600	C204	0.49
25	UCC205	80	22	34	14.3	UC205	14000	7900	C205	0.65
	UCCX05	90	27	38.1	15.9	UCX05	19600	11300	CX05	1.0
	UCC305	90	26	38	15	UC305	21300	10900	C305	1.1
30	UCC206	85	27	38.1	15.9	UC206	19600	11300	C206	0.82
	UCCX06	100	30	42.9	17.5	UCX06	25900	15400	CX06	1.3
	UCC306	100	28	43	17	UC306	26800	15000	C306	1.3
35	UCC207	90	28	42.9	17.5	UC207	25900	15400	C207	0.93
	UCCX07	110	34	49.2	19	UCX07	29300	17900	CX07	1.9
	UCC307	110	32	48	19	UC307	33500	19200	C307	1.8
40	UCC208	100	30	49.2	19	UC208	29300	17900	C208	1.2
	UCCX08	120	38	49.2	19	UCX08	33000	20500	CX08	2.3
	UCC308	120	34	52	19	UC308	40500	23900	C308	2.2
45	UCC209	110	31	49.2	19	UC209	33000	20500	C209	1.5
	UCCX09	120	38	51.6	19	UCX09	35500	23200	CX09	2.3
	UCC309	130	38	57	22	UC309	51500	29500	C309	2.7
50	UCC210	120	33	51.6	19	UC210	35500	23200	C210	1.9
	UCCX10	130	40	55.6	22.2	UCX10	43000	29400	CX10	2.8
	UCC310	140	40	61	22	UC310	61500	38200	C310	3.3
55	UCC211	125	35	55.6	22.2	UC211	43000	29400	C211	2.1
	UCCX11	150	42	65.1	25.4	UCX11	52500	36100	CX11	4.7
	UCC311	150	44	66	25	UC311	71500	44800	C311	3.9
60	UCC212	130	38	65.1	25.4	UC212	52500	36100	C212	2.5
	UCCX12	160	44	65.1	25.4	UCX12	57500	40000	CX12	5.1
	UCC312	160	46	71	26	UC312	81500	52000	C312	4.8
65	UCC213	140	40	65.1	25.4	UC213	57500	40000	C213	3.0
	UCC313	170	50	75	30	UC313	92500	59700	C313	5.7
70	UCC314	180	52	78	33	UC314	104000	68000	C314	6.6
75	UCC315	190	55	82	32	UC315	114000	76900	C315	7.7
80	UCC316	200	60	86	34	UC316	123000	86400	C316	8.9
85	UCC317	215	64	96	40	UC317	132000	96500	C317	11.2
90	UCC318	225	66	96	40	UC318	143000	107200	C318	12.3
95	UCC319	240	72	103	41	UC319	153000	118400	C319	15.2

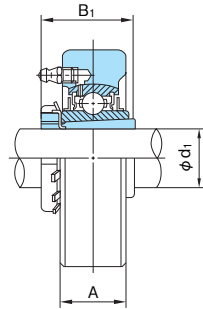
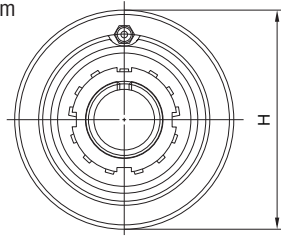
1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)				Bearings			Housing No.	Mass of Unit (kg)
		H	A	B	S	No.	Basic load rating (N)			
							Cr	Cor		
100	UCC320	260	75	108	42	UC320	173000	140400	C320	19.2
105	UCC321	260	75	112	44	UC321	183000	153100	C321	18.9
110	UCC322	300	80	117	46	UC322	205000	178800	C322	28.1
120	UCC324	320	90	126	51	UC324	207000	184800	C324	35.0
130	UCC326	340	100	135	54	UC326	229000	214300	C326	42.2
140	UCC328	360	100	145	59	UC328	255000	246000	C328	48.9

Remark: Grease nipple: 1/4-28UNF for bore number 13 and under  
 PF-1/8 for bore number 14 and over

### Cylindrical Cartridge Units

UKC+H type  
With adapter assembly  
Tapered bore  
Shaft dia.: 20~125mm



1N=0.102kgf

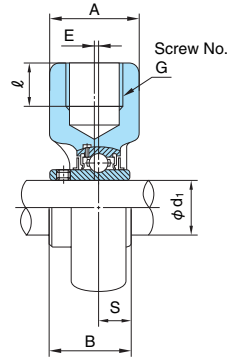
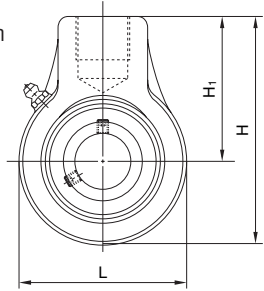
Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)			Bearings			Housing No.	Mass of Unit (kg)
		H	A	B <sub>1</sub>	No.	Basic load rating (N)			
						Cr	Cor		
20	UKC205+H2305	80	22	35	UK205+H2305	14000	7900	C205	0.70
	UKCX05+H2305	90	27	35	UKX05+H2305	19600	11300	CX05	1.0
	UKC305+H2305	90	26	35	UK305+H2305	21300	10900	C305	1.1
25	UKC206+H2306	85	27	38	UK206+H2306	19600	11300	C206	0.90
	UKCX06+H2306	100	30	38	UKX06+H2306	25900	15400	CX06	1.4
	UKC306+H2306	100	28	38	UK306+H2306	26800	15000	C306	1.4
30	UKC207+H2307	90	28	43	UK207+H2307	25900	15400	C207	0.99
	UKCX07+H2307	110	34	43	UKX07+H2307	29300	17900	CX07	1.8
	UKC307+H2307	110	32	43	UK307+H2307	33500	19200	C307	1.8
35	UKC208+H2308	100	30	46	UK208+H2308	29300	17900	C208	1.3
	UKCX08+H2308	120	38	46	UKX08+H2308	33000	20500	CX08	2.3
	UKC308+H2308	120	34	46	UK308+H2308	40500	23900	C308	2.2
40	UKC209+H2309	110	31	50	UK209+H2309	33000	20500	C209	1.7
	UKCX09+H2309	120	38	50	UKX09+H2309	35500	23200	CX09	2.3
	UKC309+H2309	130	38	50	UK309+H2309	51500	29500	C309	2.7
45	UKC210+H2310	120	33	55	UK210+H2310	35500	23200	C210	2.1
	UKCX10+H2310	130	40	55	UKX10+H2310	43000	29400	CX10	2.8
	UKC310+H2310	140	40	55	UK310+H2310	61500	38200	C310	3.3
50	UKC211+H2311	125	35	59	UK211+H2311	43000	29400	C211	2.3
	UKCX11+H2311	150	42	59	UKX11+H2311	52500	36100	CX11	4.6
	UKC311+H2311	150	44	59	UK311+H2311	71500	44800	C311	3.9
55	UKC212+H2312	130	38	62	UK212+H2312	52500	36100	C212	2.6
	UKCX12+H2312	160	44	62	UKX12+H2312	57500	40000	CX12	5.1
	UKC312+H2312	160	46	62	UK312+H2312	81500	52000	C312	4.7
60	UKC213+H2313	140	40	65	UK213+H2313	57500	40000	C213	3.1
	UKC313+H2313	170	50	65	UK313+H2313	92500	59700	C313	5.6
65	UKC315+H2315	190	55	73	UK315+H2315	114000	76900	C315	7.8
70	UKC316+H2316	200	60	78	UK316+H2316	123000	86400	C316	9.1
75	UKC317+H2317	215	64	82	UK317+H2317	132000	96500	C317	11.2
80	UKC318+H2318	225	66	86	UK318+H2318	143000	107200	C318	12.5
85	UKC319+H2319	240	72	90	UK319+H2319	153000	118400	C319	15.2
90	UKC320+H2320	260	75	97	UK320+H2320	173000	140400	C320	19.2

1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)			Bearings			Housing No.	Mass of Unit (kg)
		H	A	B <sub>1</sub>	No.	Basic load rating (N)			
						Cr	Cor		
100	UKC322+H2322	300	80	105	UK322+H2322	205000	178800	C322	28.2
110	UKC324+H2324	320	90	112	UK324+H2324	207000	184800	C324	34.5
115	UKC326+H2326	340	100	121	UK326+H2326	229000	214300	C326	42.5
125	UKC328+H2328	360	100	131	UK328+H2328	255000	246000	C328	49.2

Remark: Grease nipple: 1/4-28UNF for bore number 13 and under  
PF1/8 for bore number 14 and over

**Hanger Units**  
**UCECH type**  
 With set screws  
 Cylindrical bore  
 Shaft dia.: 12~60mm



1N=0.102kgf

Shaft dia. d <sub>1</sub> (mm)	Unit No.	Boundary dimensions (mm)									Bearings			Housing No.	Mass of Unit (kg)
		H	L	H <sub>1</sub>	A	G	l	B	S	E	No.	Basic load rating (N)			
												Cr	Cor		
12	UCECH201	96	64	64	40	PF3/4	19	31	12.7	0	UC201	12800	6600	ECH204	0.85
15	UCECH202	96	64	64	40	PF3/4	19	31	12.7	0	UC202	12800	6600	ECH204	0.83
17	UCECH203	96	64	64	40	PF3/4	19	31	12.7	0	UC203	12800	6600	ECH204	0.82
20	UCECH204	96	64	64	40	PF3/4	19	31	12.7	0	UC204	12800	6600	ECH204	0.80
25	UCECH205	99	70	64	40	PF3/4	19	34	14.3	0	UC205	14000	7900	ECH205	0.74
30	UCECH206	104	80	64	40	PF3/4	19	38.1	15.9	0	UC206	19600	11300	ECH206	0.91
35	UCECH207	116	92	70	40	PF3/4	19	42.9	17.5	0	UC207	25900	15400	ECH207	1.2
40	UCECH208	121	96	73	40	PF3/4	19	49.2	19	2	UC208	29300	17900	ECH208	1.4
45	UCECH209	136	108	82	48	PF1	21	49.2	19	4	UC209	33000	20500	ECH209	1.8
50	UCECH210	140	114	83	48	PF1	21	51.6	19	5	UC210	35500	23200	ECH210	1.9
55	UCECH211	160	126	97	60	PF1 1/4	28	55.6	22.2	6	UC211	43000	29400	ECH211	2.3
60	UCECH212	173	142	102	60	PF1 1/4	28	65.1	25.4	9	UC212	52500	36100	ECH212	4.2

Remark: Grease nipple: 1/4-28UNF

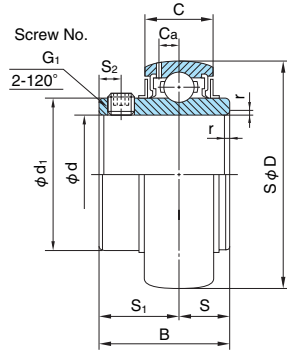
**Ball Bearings for Units**

UC type

With set screws

Cylindrical bore

Shaft dia.: 12~140mm



1N=0.102kgf

Shaft dia. (mm)	Ball Bearing No.	Boundary dimensions (mm)											Basic load rating (N)		Mass (kg)
		d	D	B	C	r	S	S <sub>1</sub>	S <sub>2</sub>	G <sub>1</sub>	Ca	d <sub>1</sub>	Cr	Cor	
12	UC201	12	47	31	17	1	12.7	18.3	4.5	M 6×0.75	4.5	29	12800	6600	0.21
15	UC202	15	47	31	17	1	12.7	18.3	4.5	M 6×0.75	4.5	29	12800	6600	0.19
17	UC203	17	47	31	17	1	12.7	18.3	4.5	M 6×0.75	4.5	29	12800	6600	0.18
20	UC204	20	47	31	17	1.5	12.7	18.3	4.5	M 6×0.75	4.5	29	12800	6600	0.16
25	UC205	25	52	34	17	1.5	14.3	19.7	5	M 6×0.75	4.5	34	14000	7900	0.19
	UCX05	25	62	38.1	19	1.5	15.9	22.2	5	M 6×0.75	5.1	40.5	19600	11300	0.37
	UC305	25	62	38	21	2	15	23	6	M 6×0.75	6.1	36.9	21300	10900	0.44
30	UC206	30	62	38.1	19	1.5	15.9	22.2	5	M 6×0.75	5.1	40.5	19600	11300	0.31
	UCX06	30	72	42.9	20	1.5	17.5	25.4	6	M 8×1	5.8	48	25900	15400	0.46
	UC306	30	72	43	23	2	17	26	6	M 6×0.75	6.7	45	26800	15000	0.56
35	UC207	35	72	42.9	20	2	17.5	25.4	6	M 8×1	5.8	48	25900	15400	0.48
	UCX07	35	80	49.2	21	2	19	30.2	8	M 8×1	6.2	53	29300	17900	0.74
	UC307	35	80	48	25	2.5	19	29	8	M 8×1	7.4	50.5	33500	19200	0.71
40	UC208	40	80	49.2	21	2	19	30.2	8	M 8×1	6.2	53	29300	17900	0.62
	UCX08	40	85	49.2	22	2	19	30.2	8	M 8×1	6.5	57.3	33000	20500	0.80
	UC308	40	90	52	27	2.5	19	33	10	M10×1.25	8.2	56	40500	23900	1.00
45	UC209	45	85	49.2	22	2	19	30.2	8	M 8×1	6.5	57.3	33000	20500	0.67
	UCX09	45	90	51.6	23	2	19	32.6	9	M10×1.25	6.5	63	35500	23200	0.92
	UC309	45	100	57	30	2.5	22	35	10	M10×1.25	9	63	51500	29500	1.28
50	UC210	50	90	51.6	23	2	19	32.6	9	M10×1.25	6.5	63	35500	23200	0.78
	UCX10	50	100	55.6	24	2	22.2	33.4	9	M10×1.25	7.3	70	43000	29400	1.21
	UC310	50	110	61	32	3	22	39	12	M12×1.5	10	70.5	61500	38200	1.65
55	UC211	55	100	55.6	24	2.5	22.2	33.4	9	M10×1.25	7.3	70	43000	29400	1.03
	UCX11	55	110	65.1	26	2.5	25.4	39.7	10	M10×1.25	7.7	77	52500	36100	1.72
	UC311	55	120	66	34	3	25	41	12	M12×1.5	10.7	76.5	71500	44800	2.07
60	UC212	60	110	65.1	26	2.5	25.4	39.7	10	M10×1.25	7.7	77	52500	36100	1.45
	UCX12	60	120	65.1	27	2.5	25.4	39.7	10	M10×1.25	8.3	82.1	57500	40000	1.97
	UC312	60	130	71	36	3.5	26	45	12	M12×1.5	11.5	82.5	81500	52000	2.59
65	UC213	65	120	65.1	27	2.5	25.4	39.7	10	M10×1.25	8.3	82.1	57500	40000	1.71
	UCX13	65	125	74.6	29	2.5	30.2	44.4	12	M12×1.5	8.7	87	62000	44000	2.33
	UC313	65	140	75	38	3.5	30	45	12	M12×1.5	12.2	88.5	92500	59700	3.15
70	UC214	70	125	74.6	29	2.5	30.2	44.4	12	M12×1.5	8.7	87	62000	44000	2.06
	UCX14	70	130	77.8	30	2.5	33.3	44.5	12	M12×1.5	9.2	91.5	66000	48200	2.57
	UC314	70	150	78	40	3.5	33	45	12	M12×1.5	13	95.2	104000	68000	3.83

1N=0.102kgf

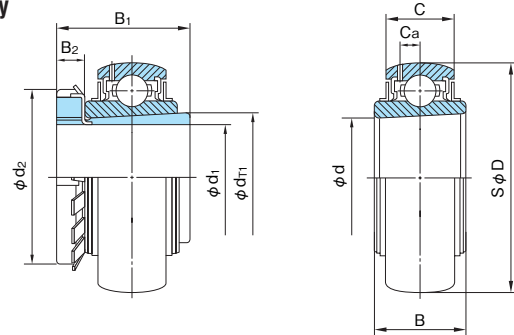
Shaft dia. (mm)	Ball Bearing No.	Boundary dimensions (mm)											Basic load rating (N)		Mass (kg)
		d	D	B	C	r	S	S <sub>1</sub>	S <sub>2</sub>	G <sub>1</sub>	Ca	d <sub>1</sub>	Cr	Cor	
75	UC215	75	130	77.8	30	2.5	33.3	44.5	14	M12×1.5	9.2	91.5	66000	48200	2.22
	UCX15	75	140	82.6	32	2.5	33.3	49.3	12	M12×1.5	9.6	98.5	72500	53000	3.22
	UC315	75	160	82	42	3.5	32	50	14	M14×1.5	13.8	101.5	114000	76900	4.59
80	UC216	80	140	82.6	32	3	33.3	49.3	14	M12×1.5	9.6	98.5	72500	53000	2.82
	UCX16	80	150	85.7	34	3	34.1	51.6	12	M12×1.5	10.5	105	83500	61800	3.81
	UC316	80	170	86	44	3.5	34	52	14	M14×1.5	14.5	108	123000	86400	5.40
85	UC217	85	150	85.7	34	3	34.1	51.6	14	M12×1.5	10.5	105	83500	61800	3.38
	UCX17	85	160	96	36	3	39.7	56.3	12	M12×1.5	11.1	111.5	95500	71400	4.83
	UC317	85	180	96	46	4	40	56	16	M16×1.5	15	114.5	132000	96500	6.58
90	UC218	90	160	96	36	3	39.7	56.3	15	M12×1.5	11.1	111.5	95500	71400	4.34
	UCX18	90	170	104	38	3	42.9	61.1	14	M14×1.5	11.9	118	109000	81600	5.49
	UC318	90	190	96	48	4	40	56	16	M16×1.5	15.9	121	143000	107200	7.34
95	UC319	95	200	103	50	4	41	62	16	M16×1.5	16.7	127.5	153000	118400	8.70
100	UC219	100	170	104	38	3	42.9	61.1	14	M14×1.5	11.9	118	109000	81600	5.49
	UCX20	100	190	96	48	4	40	56	16	M16×1.5	15.9	121	143000	107200	7.34
	UC320	100	215	108	54	4	42	66	18	M18×1.5	18	135.5	173000	140400	10.8
105	UC321	105	225	112	56	4	44	68	18	M18×1.5	19	142	183000	153100	12.2
110	UC322	110	240	117	60	4	46	71	18	M18×1.5	21	152	205000	178800	14.3
120	UC324	120	260	126	64	4	51	75	18	M18×1.5	22	165	207000	184800	18.5
130	UC326	130	280	135	68	5	54	81	20	M20×1.5	23	178	229000	214300	23.0
140	UC328	140	300	145	73	5	59	86	20	M20×1.5	25	191.5	255000	246000	28.5

Remark: Chamfer dimensions "r" shown in the table are nominal dimension.



**Ball Bearings for Units**

**UK+H type**  
**With adapter assembly**  
**Tapered bore**  
 Shaft dia.: 20~125mm



1N=0.102kgf

Shaft dia. (mm)	Ball Bearing No.	Boundary dimensions (mm)										Basic load rating (N)		Mass (kg)
		d <sub>1</sub>	D	B <sub>1</sub>	d	B	C	C <sub>a</sub>	B <sub>2</sub>	d <sub>2</sub>	d <sub>1r1</sub>	Cr	Cor	
20	UK205+H2305	20	52	35	25	23	17	4.5	8	38	27.5	14000	7900	0.24
	UKX05+H2305	20	62	35	25	26	19	5.1	8	38	27.5	19600	11300	0.37
	UK305+H2305	20	62	35	25	26	21	6.1	8	38	27.5	21300	10900	0.48
25	UK206+H2306	25	62	38	30	26	19	5.1	8	45	32.5	19600	11300	0.40
	UKX06+H2306	25	72	38	30	27	20	5.8	8	45	32.5	25900	15400	0.54
	UK306+H2306	25	72	38	30	29	23	6.7	8	45	32.5	26800	15000	0.59
30	UK207+H2307	30	72	43	35	27	20	5.8	9	52	38	25900	15400	0.53
	UKX07+H2307	30	80	43	35	29	21	6.2	9	52	38	29300	17900	0.70
	UK307+H2307	30	80	43	35	31	25	7.4	9	52	38	33500	19200	0.74
35	UK208+H2308	35	80	46	40	29	21	6.2	10	58	43	29300	17900	0.69
	UKX08+H2308	35	85	46	40	30	22	6.5	10	58	43	33000	20500	0.81
	UK308+H2308	35	90	46	40	34	27	8.2	10	58	43	40500	23900	1.01
40	UK209+H2309	40	85	50	45	30	22	6.5	11	65	48.5	33000	20500	0.77
	UKX09+H2309	40	90	50	45	31	23	6.5	11	65	48.5	35500	23200	0.94
	UK309+H2309	40	100	50	45	37	30	9	11	65	48.5	51500	29500	1.31
45	UK210+H2310	45	90	55	50	31	23	6.5	12	70	54	35500	23200	0.93
	UKX10+H2310	45	100	55	50	33	24	7.3	12	70	54	43000	29400	1.22
	UK310+H2310	45	110	55	50	40	32	10	12	70	54	61500	38200	1.68
50	UK211+H2311	50	100	59	55	33	24	7.3	12	75	59	43000	29400	1.16
	UKX11+H2311	50	110	59	55	36	26	7.7	12	75	59	52500	36100	1.54
	UK311+H2311	50	120	59	55	43	34	10.7	12	75	59	71500	44800	2.06
55	UK212+H2312	55	110	62	60	36	26	7.7	13	80	64.5	52500	36100	1.47
	UKX12+H2312	55	120	62	60	38	27	8.3	13	80	64.5	57500	40000	1.89
	UK312+H2312	55	130	62	60	46	36	11.5	13	80	64.5	81500	52000	2.53
60	UK213+H2313	60	120	65	65	38	27	8.3	14	85	69.5	57500	40000	1.82
	UKX13+H2313	60	125	65	65	40	29	8.7	14	85	69.5	62000	44000	2.09
	UK313+H2313	60	140	65	65	48	38	12.2	14	85	69.5	92500	59700	3.07
65	UK215+H2315	65	130	73	75	41	30	9.2	15	98	80	66000	48200	2.59
	UKX15+H2315	65	140	73	75	44	32	9.6	15	98	80	72500	53000	3.25
	UK315+H2315	65	160	73	75	54	42	13.8	15	98	80	114000	76900	4.74
70	UK216+H2316	70	140	78	80	44	32	9.6	17	105	85.5	72500	53000	3.27
	UKX16+H2316	70	150	78	80	46	34	10.5	17	105	85.5	83500	61800	3.86
	UK316+H2316	70	170	78	80	57	44	14.5	17	105	85.5	123000	86400	5.62
75	UK217+H2317	75	150	82	85	46	34	10.5	18	110	90.5	83500	61800	3.92
	UKX17+H2317	75	160	82	85	49	36	11.1	18	110	90.5	95500	71400	4.72
	UK317+H2317	75	180	82	85	60	46	15	18	110	90.5	132000	96500	6.56

1N=0.102kgf

Shaft dia. (mm)	Ball Bearing No.	Boundary dimensions (mm)										Basic load rating (N)		Mass (kg)
		d <sub>1</sub>	D	B <sub>1</sub>	d	B	C	C <sub>a</sub>	B <sub>2</sub>	d <sub>2</sub>	d <sub>1r1</sub>	Cr	Cor	
80	UK218+H2318	80	160	86	90	49	36	11.1	18	120	96	95500	71400	4.68
	UKX18+H2318	80	170	86	90	52	38	11.9	18	120	96	109000	81600	5.11
	UK318+H2318	80	190	86	90	63	48	15.9	18	120	96	143000	107200	7.52
85	UK319+H2319	85	200	90	95	66	50	16.7	19	125	101	153000	118400	8.72
90	UKX20+H2320	90	190	97	100	58	42	13	20	130	106.5	134000	104700	8.10
	UK320+H2320	90	215	97	100	72	54	18	20	130	106.5	173000	140400	10.8
100	UK322+H2322	100	240	105	110	80	60	21	21	145	117	205000	178800	14.4
	UK324+H2324	110	260	112	120	86	64	22	22	155	127.5	207000	184800	18.0
115	UK326+H2326	115	280	121	130	92	68	23	23	165	138.5	229000	214300	23.3
125	UK328+H2328	125	300	131	140	98	73	25	24	180	149	255000	246000	28.8

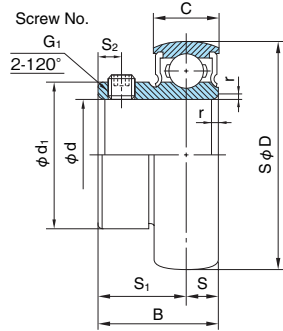
**Ball Bearings for Units**

**B type**

With set screws

Cylindrical bore

Shaft dia.: 12~35mm



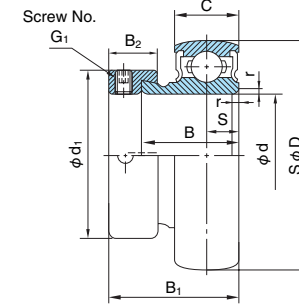
**B type**

**KHAE type**

With eccentric collar

Cylindrical bore

Shaft dia.: 12~35mm



1N=0.102kgf

Shaft dia. (mm)	Ball Bearing No.	Boundary dimensions (mm)										Basic load rating (N)		Mass (kg)
		d	D	B	C	r	S	S <sub>1</sub>	S <sub>2</sub>	G <sub>1</sub>	d <sub>1</sub>	Cr	Cor	
		12	B1	12	40	22	12	1	6	16	4	M5×0.8	24.7	
15	B2	15	40	22	12	1	6	16	4	M5×0.8	24.7	9550	4800	0.09
17	B3	17	40	22	12	1	6	16	4	M5×0.8	24.7	9550	4800	0.07
20	B4	20	47	24.7	14	1.5	7	17.7	4.5	M5×0.8	29	12800	6600	0.12
25	B5	25	52	27	15	1.5	7.5	19.5	5	M6×0.75	34	14000	7900	0.16
30	B6	30	62	30.3	16	1.5	8	22.3	5	M6×0.75	40.5	19600	11300	0.25
35	B7	35	72	32.9	17	2	8.5	24.4	6	M8×1	48	25900	15400	0.38

Remark: Chamfer dimensions "r" shown in the table are nominal dimension.

**KHAE type**

1N=0.102kgf

Shaft dia. (mm)	Ball Bearing No.	Boundary dimensions (mm)										Basic load rating (N)		Mass (kg)
		d	D	B <sub>1</sub>	B	C	r	S	d <sub>1</sub>	B <sub>2</sub>	G	Cr	Cor	
		12	KH201AE	12	40	28.6	19.1	12	1	6.5	28.6	13.5	M 6×0.75	
15	KH202AE	15	40	28.6	19.1	12	1	6.5	28.6	13.5	M 6×0.75	9550	4800	0.11
17	KH203AE	17	40	28.6	19.1	12	1	6.5	28.6	13.5	M 6×0.75	9550	4800	0.10
20	KH204AE	20	47	31	21.5	14	1.5	7.5	33.3	13.5	M 6×0.75	12800	6600	0.16
25	KH205AE	25	52	31	21.5	15	1.5	7.5	38.1	13.5	M 6×0.75	14000	7900	0.20
30	KH206AE	30	62	35.7	23.8	16	1.5	9	44.5	15.9	M 8×1	19600	11300	0.31
35	KH207AE	35	72	38.9	25.4	17	2	9.5	55.6	17.5	M10×1.25	25900	15400	0.49

Remark: Chamfer dimensions "r" shown in the table are nominal dimension.

**Silver series**

**Ball Bearings for Units**

With eccentric collar

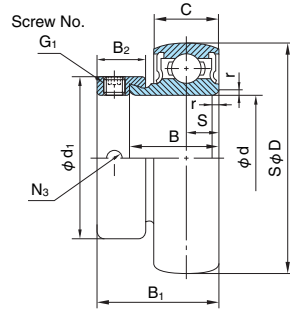
Cylindrical bore

**U+ER type**

Shaft dia.: 8~30mm

**MU+ER type (Stainless Silver Series)**

Shaft dia.: 10~30mm



**U+ER type**

1N=0.102kgf

Shaft dia. (mm)	Ball Bearing No.	Boundary dimensions (mm)											Basic load rating (N)		Mass (kg)
		d	D	B <sub>1</sub>	B	C	r	S	d <sub>1</sub>	B <sub>2</sub>	G <sub>1</sub>	N <sub>3</sub>	Cr	Cor	
		10	U000+ER	10	26	17.5	11	8	0.5	4	17	8.5	M4×0.7	3.5	
12	U001+ER	12	28	17.5	11	8	0.5	4	19	8.5	M4×0.7	3.5	5100	2400	36
15	U002+ER	15	32	18.5	12	9	0.5	4.5	22	8.5	M4×0.7	3.5	5600	2800	50
17	U003+ER	17	35	20.5	13.5	10	0.5	5	25	9.5	M4×0.7	3.5	6000	3300	62
20	U004+ER	20	42	24.5	16.5	12	1	6	30	11	M5×0.8	5	9350	5100	104
25	U005+ER	25	47	25.5	17.5	12	1	6	36	12	M5×0.8	5	10100	5800	133
30	U006+ER	30	55	26.5	18.5	13	1.5	6.5	42	12	M5×0.8	5	13200	8300	186
8	U 08+ER(1)	8	22	15	10	7	0.3	3.5	14	7	M3×0.5	2.5	3300	1360	16

Note: (1) U08X with set screws is available. U08X: B=12, d1=11.3, set screw 2-M3×0.5 S2=2.5 (side surface to set screw center)  
Remark: Chamfer dimensions "r" shown in the table are nominal dimension.

**MU+ER type (Stainless Silver Series)**

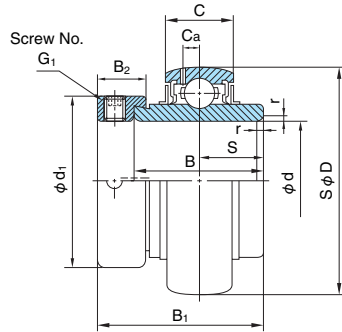
1N=0.102kgf

Shaft dia. (mm)	Ball Bearing No.	Boundary dimensions (mm)											Basic load rating (N)		Mass (kg)
		d	D	B <sub>1</sub>	B	C	r	S	d <sub>1</sub>	B <sub>2</sub>	G <sub>1</sub>	N <sub>3</sub>	Cr	Cor	
		10	MU000+ER	10	26	17.5	11	8	0.5	4	17	8.5	M4×0.7	3.5	
12	MU001+ER	12	28	17.5	11	8	0.5	4	19	8.5	M4×0.7	3.5	4300	1900	36
15	MU002+ER	15	32	18.5	12	9	0.5	4.5	22	8.5	M4×0.7	3.5	4750	2250	50
17	MU003+ER	17	35	20.5	13.5	10	0.5	5	25	9.5	M4×0.7	3.5	5100	2650	62
20	MU004+ER	20	42	24.5	16.5	12	1	6	30	11	M5×0.8	5	7900	4000	104
25	MU005+ER	25	47	25.5	17.5	12	1	6	36	12	M5×0.8	5	8600	4650	133
30	MU006+ER	30	55	26.5	18.5	13	1.5	6.5	42	12	M5×0.8	5	11300	6600	186

Remark: Chamfer dimensions "r" shown in the table are nominal dimension.

**Ball Bearings for Units**

**UG+ER type**  
**With eccentric collar**  
**Cylindrical bore**  
 Shaft dia.: 20~60mm



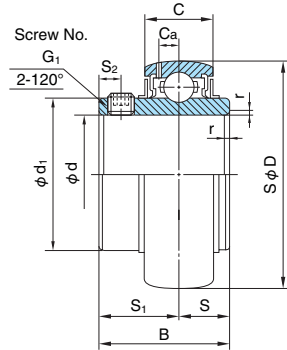
1N=0.102kgf

Shaft dia. (mm)	Ball Bearing No.	Boundary dimensions (mm)										Basic load rating (N)		Mass (kg)
		d	D	B <sub>1</sub>	B	C	r	S	d <sub>1</sub>	B <sub>2</sub>	G <sub>1</sub>	C <sub>r</sub>	C <sub>or</sub>	
20	UG204+ER	20	47	43.7	34.2	17	1.5	17.1	33.3	13.5	M 6 × 0.75	12800	6600	0.21
25	UG205+ER	25	52	44.4	34.9	17	1.5	17.5	38.1	13.5	M 6 × 0.75	14000	7900	0.23
30	UG206+ER	30	62	48.4	36.5	19	1.5	18.3	44.5	15.9	M 8 × 1	19600	11300	0.37
35	UG207+ER	35	72	51.1	37.6	20	2	18.8	55.6	17.5	M10 × 1.25	25900	15400	0.60
40	UG208+ER	40	80	56.3	42.8	21	2	21.4	60.3	18.3	M10 × 1.25	29300	17900	0.76
45	UG209+ER	45	85	56.3	42.8	22	2	21.4	63.5	18.3	M10 × 1.25	33000	20500	0.79
50	UG210+ER	50	90	62.7	49.2	23	2	24.6	69.9	18.3	M10 × 1.25	35500	23200	0.91
55	UG211+ER	55	100	71.4	55.5	24	2.5	27.8	76.2	20.7	M12 × 1.5	43000	29400	1.26
60	UG212+ER	60	110	77.8	61.9	26	2.5	31	84.2	22.3	M12 × 1.5	52500	36100	1.70

Remark: Chamfer dimensions "r" shown in the table are nominal dimension.

**Ball Bearings for Units**

With stainless  
MUC type  
With set screws  
Cylindrical bore  
Shaft dia.: 20~50mm



1N=0.102kgf

Shaft dia. (mm)	Ball Bearing No.	Boundary dimensions (mm)											Basic load rating (N)		Mass (kg)
		d	D	B	C	r	S	S <sub>1</sub>	S <sub>2</sub>	G <sub>1</sub>	C <sub>a</sub>	d <sub>1</sub>	C <sub>r</sub>	C <sub>or</sub>	
20	MUC204	20	47	31	17	1.5	12.7	18.3	4.5	M 6×1	4.5	29	10900	5300	0.16
25	MUC205	25	52	34	17	1.5	14.3	19.7	5	M 6×1	4.5	34	11900	6300	0.19
30	MUC206	30	62	38.1	19	1.5	15.9	22.2	5	M 6×1	5.1	40.5	16700	9050	0.31
35	MUC207	35	72	42.9	20	2	17.5	25.4	6	M 8×1	5.8	48	22000	12300	0.48
40	MUC208	40	80	49.2	21	2	19	30.2	8	M 8×1	6.2	53	24900	14300	0.62
45	MUC209	45	85	49.2	22	2	19	30.2	8	M 8×1	6.5	57.3	28100	16400	0.67
50	MUC210	50	90	51.6	23	2	19	32.6	9	M10×1.25	6.5	63	30200	18600	0.78

Remark: Chamfer dimensions "r" shown in the table are nominal dimension.