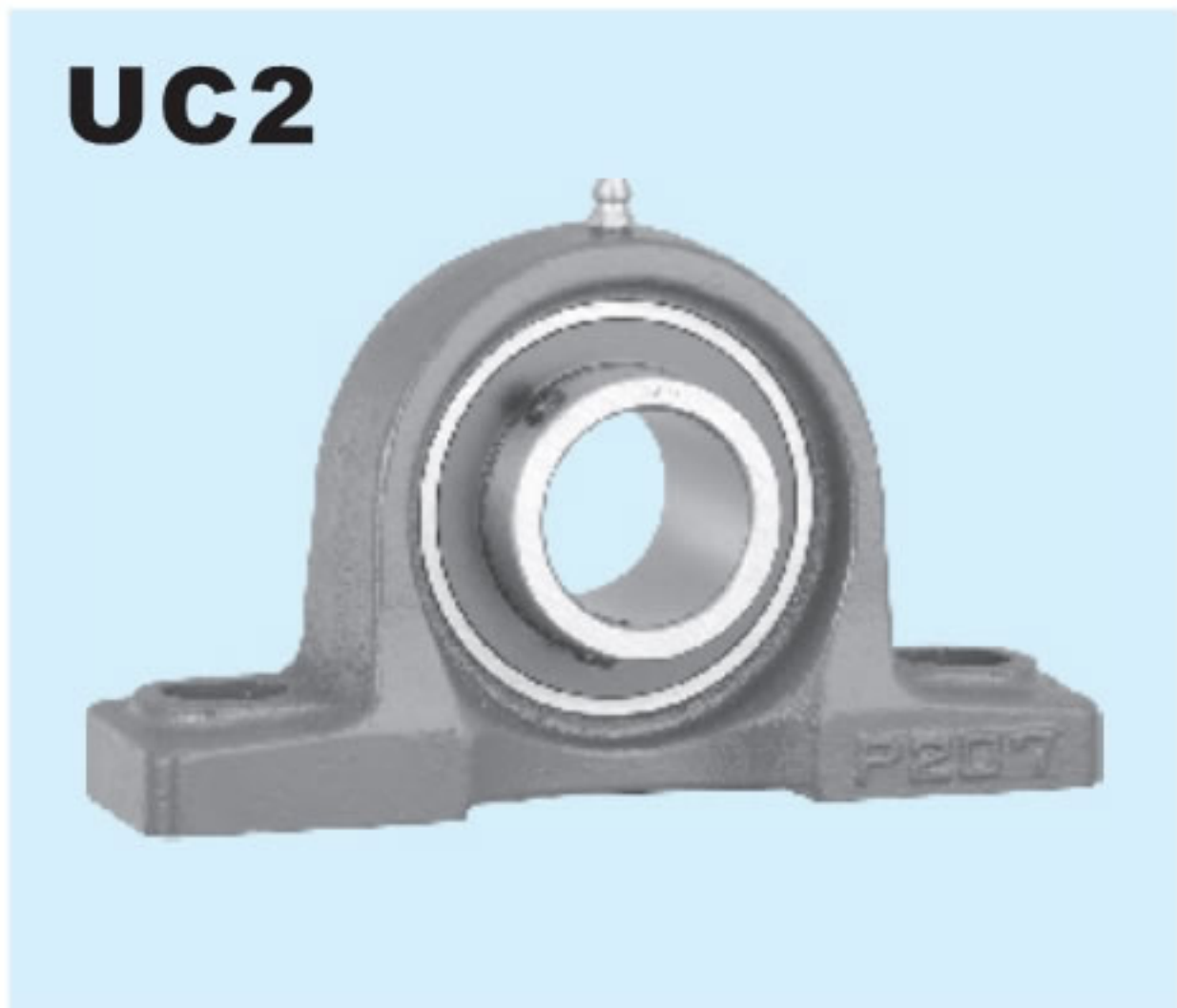


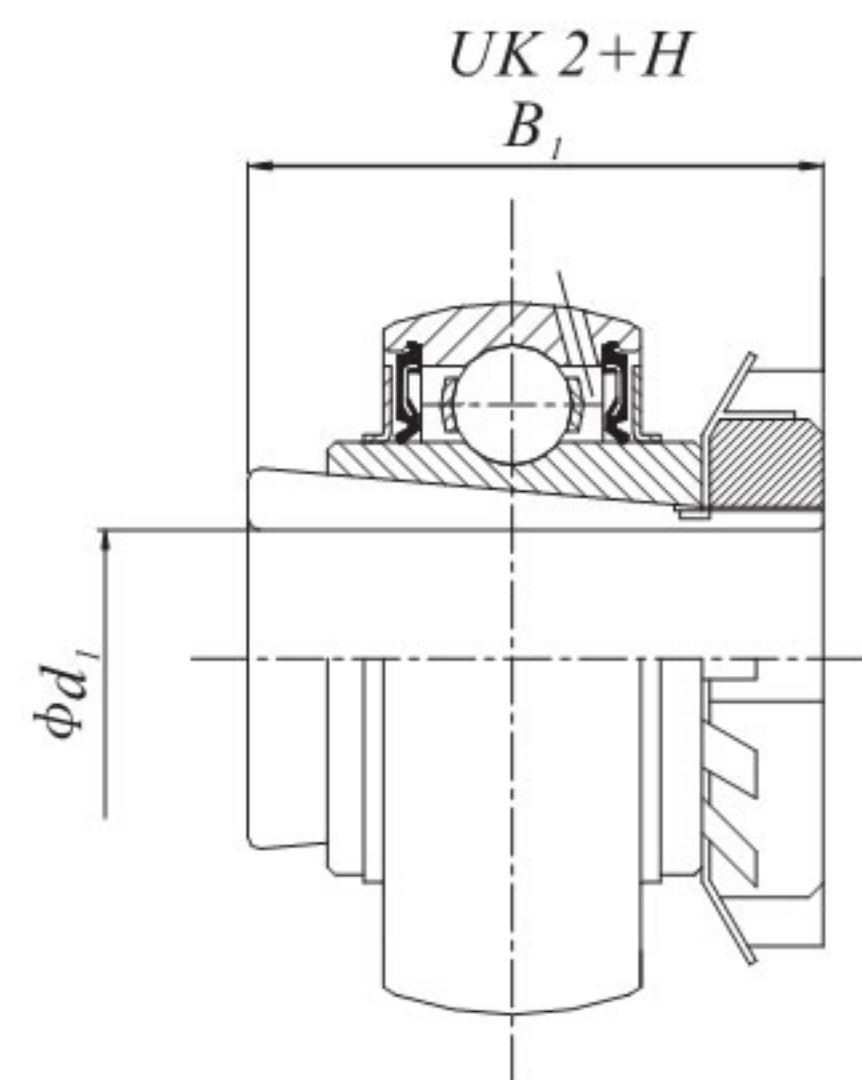
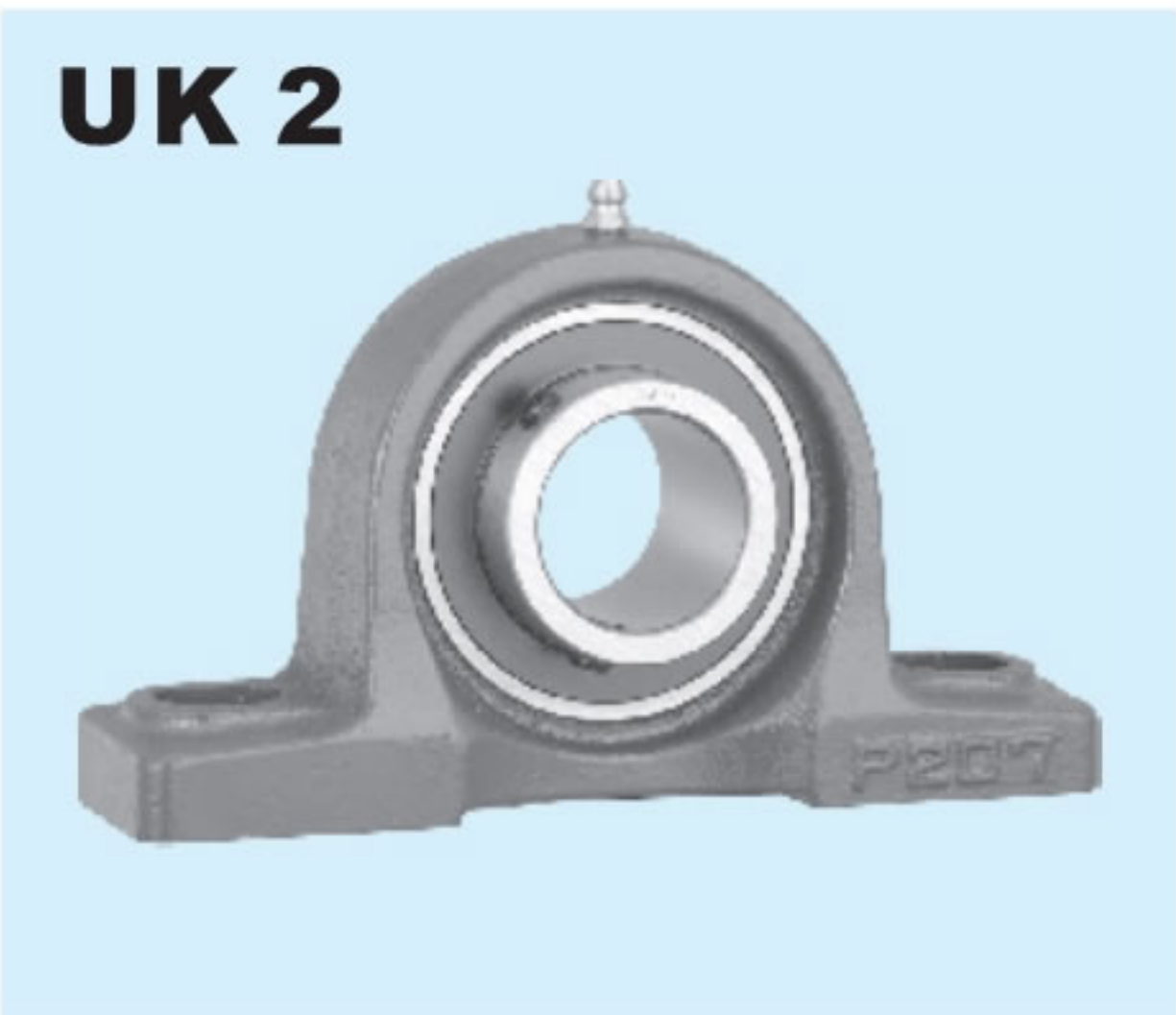


d 12~90 mm

Boundary dimensions (mm)				Basic load ratings (kN)		Limiting speeds (r/min)		Nominal numbers	Nominal numbers (old)	Reference mass (kg)
<i>d</i>	<i>D</i>	<i>B</i>	<i>C</i>	<i>C_r</i>	<i>C_{0r}</i>	Shaft tolerance class <i>js7</i> , (<i>j7</i>) <i>h7</i>				
12	40	27.4	14.0	12.8	6.6	6700	4900	UC201	90501	0.09
15	40	27.4	14.0	12.8	6.6	6700	4900	UC202	90502	0.11
17	40	27.4	14.0	12.8	6.6	6700	4900	UC203	90503	0.15
20	47	31.0	16.0	12.8	6.6	6700	4900	UC204	90504	0.17
25	52	34.1	17.0	14.0	7.9	5600	4100	UC205	90505	0.21
30	62	38.1	19.0	19.5	11.3	4700	3400	UC206	90506	0.32
35	72	42.9	20.0	25.7	15.3	4000	3000	UC207	90507	0.47
40	80	49.2	21.0	29.1	17.9	3600	2600	UC208	90508	0.64
45	85	49.2	22.0	31.5	20.4	3300	2400	UC209	90509	0.68
50	90	51.6	23.0	43.5	23.2	2700	2000	UC210	90510	0.80
55	100	55.6	25.0	43.5	29.3	2700	2000	UC211	90511	1.12
60	110	65.1	27.0	52.5	36.0	2400	1800	UC212	90512	1.54
65	120	65.1	28.0	57.5	40.0	2300	1700	UC213	90513	1.86
70	125	74.6	30.0	62.0	44.0	2200	1600	UC214	90514	2.05
75	130	77.8	30.0	66.0	49.5	2000	1500	UC215	90515	2.21
80	140	82.6	33.0	72.5	53.0	1900	1400	UC216	90516	2.79
85	150	85.7	35.0	84.0	62.0	1800	1300	UC217	90517	3.38
90	160	96.0	37.0	96.0	71.5	1700	1200	UC218	90518	4.45

d 25~120 mm

Boundary dimensions (mm)				Basic load ratings (kN)		Limiting speeds (r/min)		Nominal numbers	Nominal numbers (old)	Reference mass (kg)
<i>d</i>	<i>D</i>	<i>B</i>	<i>C</i>	<i>C_r</i>	<i>C_{0r}</i>	Shaft tolerance class <i>js7</i> , (<i>j7</i>) <i>h7</i>				
25	62	38	22	22.4	11.5	14000	11000	UC305	90605	0.45
30	72	43	24	28.1	15.8	12000	9500	UC306	90606	0.56
35	80	48	25	33.4	19.2	10000	8500	UC307	90607	0.71
40	90	52	27	40.7	24.0	9000	7500	UC308	90608	1.00
45	100	57	30	52.8	31.8	6700	6700	UC309	90609	1.33
50	110	61	32	61.8	37.9	6000	6000	UC310	90610	1.67
55	120	66	34	71.6	44.8	6300	5300	UC311	90611	2.10
60	130	71	36	81.8	51.8	6000	5000	UC312	90612	2.62
65	140	75	38	93.8	60.5	5000	4500	UC313	90613	3.19
70	150	78	40	105.0	68.0	5300	4300	UC314	90614	3.88
75	160	82	42	112.0	76.8	5000	4000	UC315	90615	4.68
80	170	86	44	122.0	86.5	4800	3800	UC316	90616	5.50
85	180	96	46	132.0	96.5	4500	3600	UC317	90617	6.67
90	190	96	48	145.0	108.0	4300	3400	UC318	90618	7.50
95	200	103	50	155.0	122.0	4000	3200	UC319	90619	8.80
100	215	108	54	172.0	140.0	3600	2800	UC320	90620	10.94
110	240	117	60	205.0	178.0	3200	2400	UC322	90622	14.50
120	260	126	64	228.0	208.0	3000	2200	UC324	90624	18.75



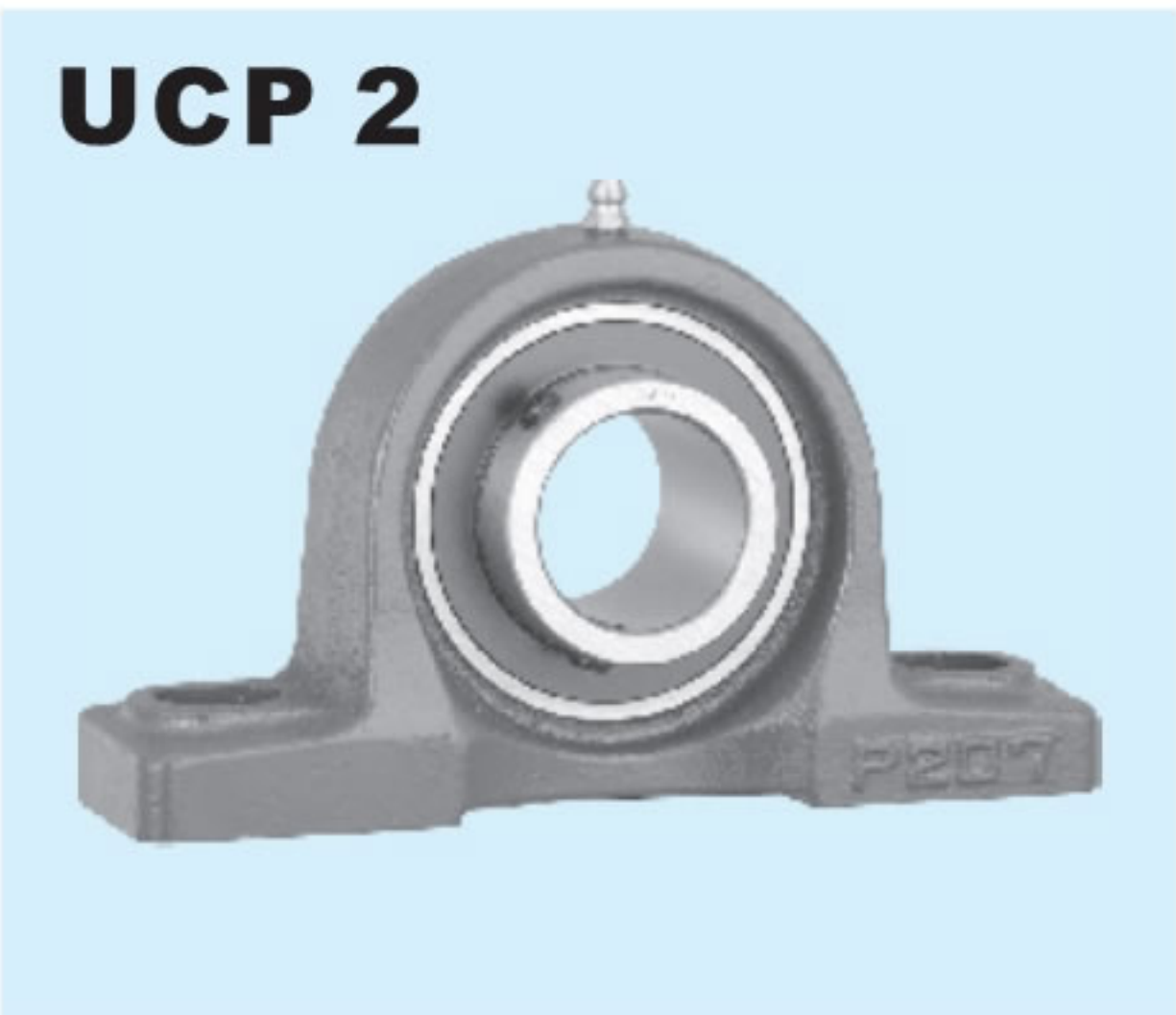
d 25~90 mm

Boundary dimensions (mm)				Basic load ratings (kN)		Limiting speeds (r/min)		Nominal numbers	Nominal numbers (old)	Reference mass (kg)
<i>d</i>	<i>D</i>	<i>B</i>	<i>C</i>	<i>C_r</i>	<i>C_{0r}</i>	Shaft tolerance class				
						j s7, (j7)	h7			
25	52	35	17	14.0	7.9	5600	4100	UK205+H2305	290505	0.25
30	62	38	19	19.5	11.3	4700	3400	UK206+H2306	290506	0.36
35	72	43	20	25.7	15.3	4000	3000	UK207+H2307	290507	0.54
40	80	46	21	29.1	17.9	3600	2600	UK208+H2308	290508	0.74
45	85	50	22	31.5	20.4	3300	2400	UK209+H2309	290509	0.83
50	90	55	24	35.0	23.2	3000	2200	UK210+H2310	290510	0.97
55	100	59	25	43.5	29.3	2700	2000	UK211+H2311	290511	1.26
60	110	62	27	52.5	36.0	2400	1800	UK212+H2312	290512	1.59
65	120	65	27	57.5	40.0	2300	1700	UK213+H2313	290513	2.00
75	130	73	30	66.0	49.5	2000	1500	UK215+H2315	290515	2.56
80	140	78	33	72.5	53.0	1900	1400	UK216+H2316	290516	3.23
85	150	82	36	84.0	62.0	1800	1300	UK217+H2317	290517	3.93
90	160	86	37	96.0	71.5	1700	1200	UK218+H2318	290518	4.74

d 25~120 mm

Boundary dimensions (mm)				Basic load ratings (kN)		Limiting speeds (r/min)		Nominal numbers	Nominal numbers (old)	Reference mass (kg)
<i>d</i>	<i>D</i>	<i>B</i>	<i>C</i>	<i>C_r</i>	<i>C_{0r}</i>	Shaft tolerance class				
						j s7, (j7)	h7			
25	62	35	21	22.4	11.5	14000	11000	UK305+H2305	290605	0.36
30	72	38	23	28.1	15.8	12000	9500	UK306+H2306	290606	0.59
35	80	43	25	33.4	19.2	10000	8500	UK307+H2307	290607	0.75
40	90	46	27	40.7	24.0	9000	7500	UK308+H2308	290608	1.02
45	100	50	30	52.8	31.8	6700	6700	UK309+H2309	290609	1.38
50	110	55	32	61.8	37.9	6000	6000	UK310+H2310	290610	1.68
55	120	59	34	71.6	44.8	6300	5300	UK311+H2311	290611	2.06
60	130	62	36	81.8	51.8	6000	5000	UK312+H2312	290612	2.53
65	140	65	38	93.8	60.5	5000	4500	UK313+H2313	290613	3.08
75	160	73	42	112.0	76.8	5000	4000	UK315+H2315	290615	4.84
80	170	78	44	122.0	86.5	4800	3800	UK316+H2316	290616	5.75
85	180	82	46	132.0	96.5	4500	3600	UK317+H2317	290617	6.72
90	190	86	48	145.0	108.0	4300	3400	UK318+H2318	290618	7.87
95	200	90	50	155.0	122.0	4000	3200	UK319+H2319	290619	9.02
100	215	97	54	172.0	140.0	3600	2800	UK320+H2320	290620	11.1
110	240	105	60	205.0	178.0	3200	2400	UK322+H2322	290622	14.9
120	260	112	64	228.0	208.0	3000	2200	UK324+H2324	290624	18.0

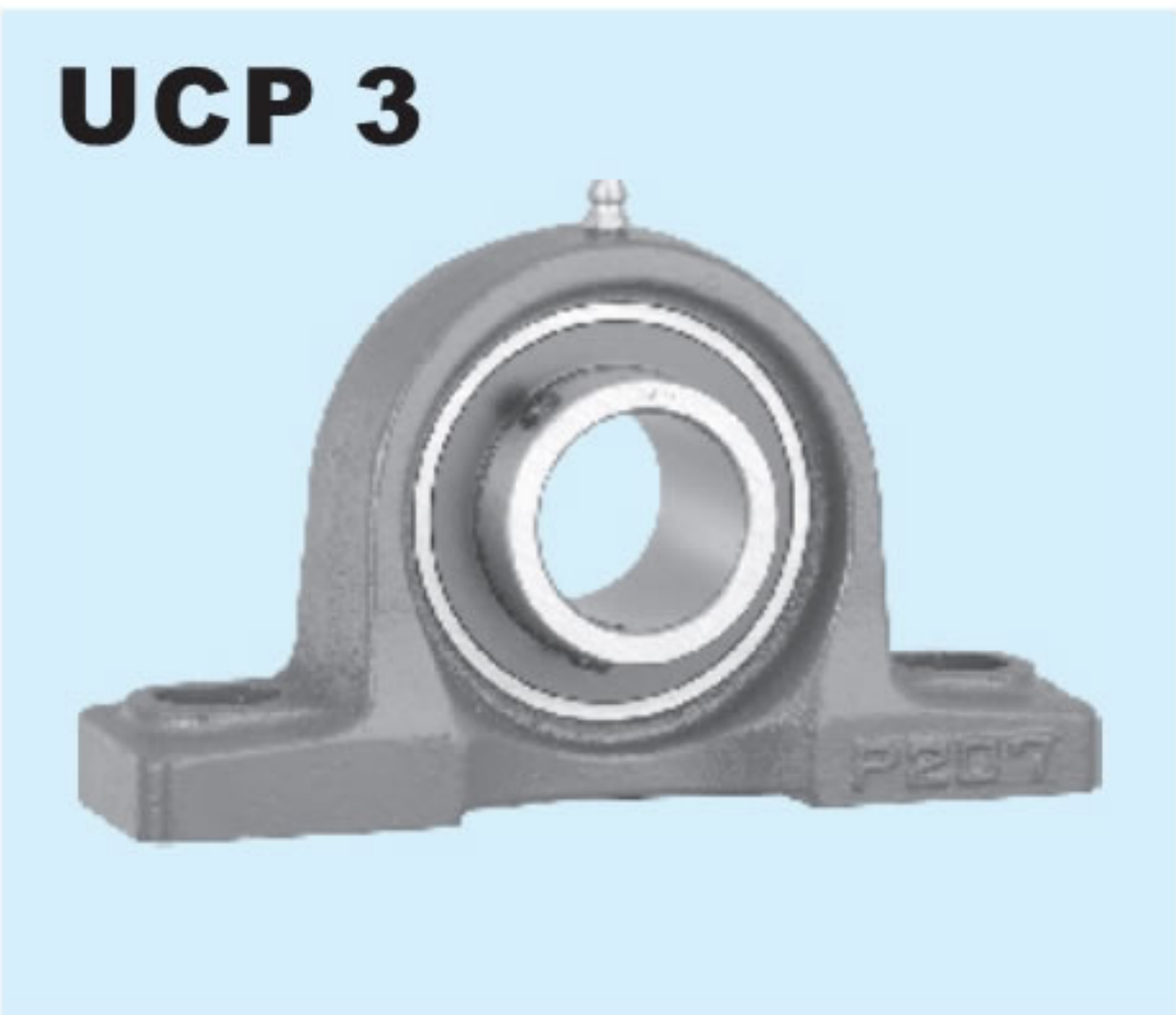
Ball bearing units
pillow block type (vertical flanged)



d 22~100 mm

Boundary dimensions (mm)						Mounting bolt specification	Basic load ratings (kN)		Limiting speeds (r/min) Shaft tolerance class js7, (j7) h7		Nominal numbers	Nominal numbers(old)	Reference mass
<i>d</i>	<i>H</i>	<i>L</i>	<i>J</i>	<i>Ho</i>	<i>B</i>		<i>C_r</i>	<i>C_{0r}</i>					
12	30.2	127.0	96.0	62.0	27.4	M10	12.8	6.6	6700	4900	UCP201	Z90501	0.7
15	30.2	127.0	96.0	62.0	27.4	M10	12.8	6.6	6700	4900	UCP202	Z90502	0.7
17	30.2	127.0	96.0	62.0	27.4	M10	12.8	6.6	6700	4900	UCP203	Z90503	0.7
20	33.3	127.0	96.0	65.0	31.0	M10	12.8	6.6	6700	4900	UCP204	Z90504	0.7
25	36.5	140.0	105.0	71.0	34.1	M10	14.0	7.9	5600	4100	UCP205	Z90505	0.8
30	42.9	165.0	121.0	83.0	38.1	M14	19.5	11.3	4700	3400	UCP206	Z90506	1.3
35	47.6	167.0	126.0	93.0	42.9	M14	25.7	15.3	4000	3000	UCP207	Z90507	1.6
40	49.2	184.0	136.0	100.0	49.2	M14	29.1	17.9	3600	2600	UCP208	Z90508	1.9
45	54.0	190.0	146.0	106.0	49.2	M14	31.5	20.4	3300	2400	UCP209	Z90509	2.2
50	57.2	206.0	159.0	114.0	51.6	M16	35.0	23.2	3000	2200	UCP210	Z90510	2.6
55	63.5	219.0	172.0	126.0	55.6	M16	43.5	29.3	2700	2000	UCP211	Z90511	3.3
60	69.8	241.0	186.0	138.0	65.1	M16	52.5	36.0	2400	1800	UCP212	Z90512	4.6
65	76.2	265.0	203.0	151.0	65.1	M20	57.5	40.0	2300	1700	UCP213	Z90513	5.9
70	79.4	266.0	210.0	157.0	74.6	M20	62.0	44.0	2200	1600	UCP214	Z90514	6.6
75	82.6	275.0	217.0	163.0	77.8	M20	66.0	49.5	2000	1500	UCP215	Z90515	7.4
80	88.9	292.0	232.0	175.0	82.6	M20	72.5	53.0	1900	1400	UCP216	Z90516	9.0
85	95.2	310.0	247.0	187.0	85.7	M20	84.0	62.0	1800	1300	UCP217	Z90517	11.0
90	101.6	327.0	262.0	200.0	96.0	M22	96.0	71.5	1700	1200	UCP218	Z90518	13.0
100	115.0	380.0	308.0	225.0	108	—	—	—	—	—	UCP220	Z90520	16.0

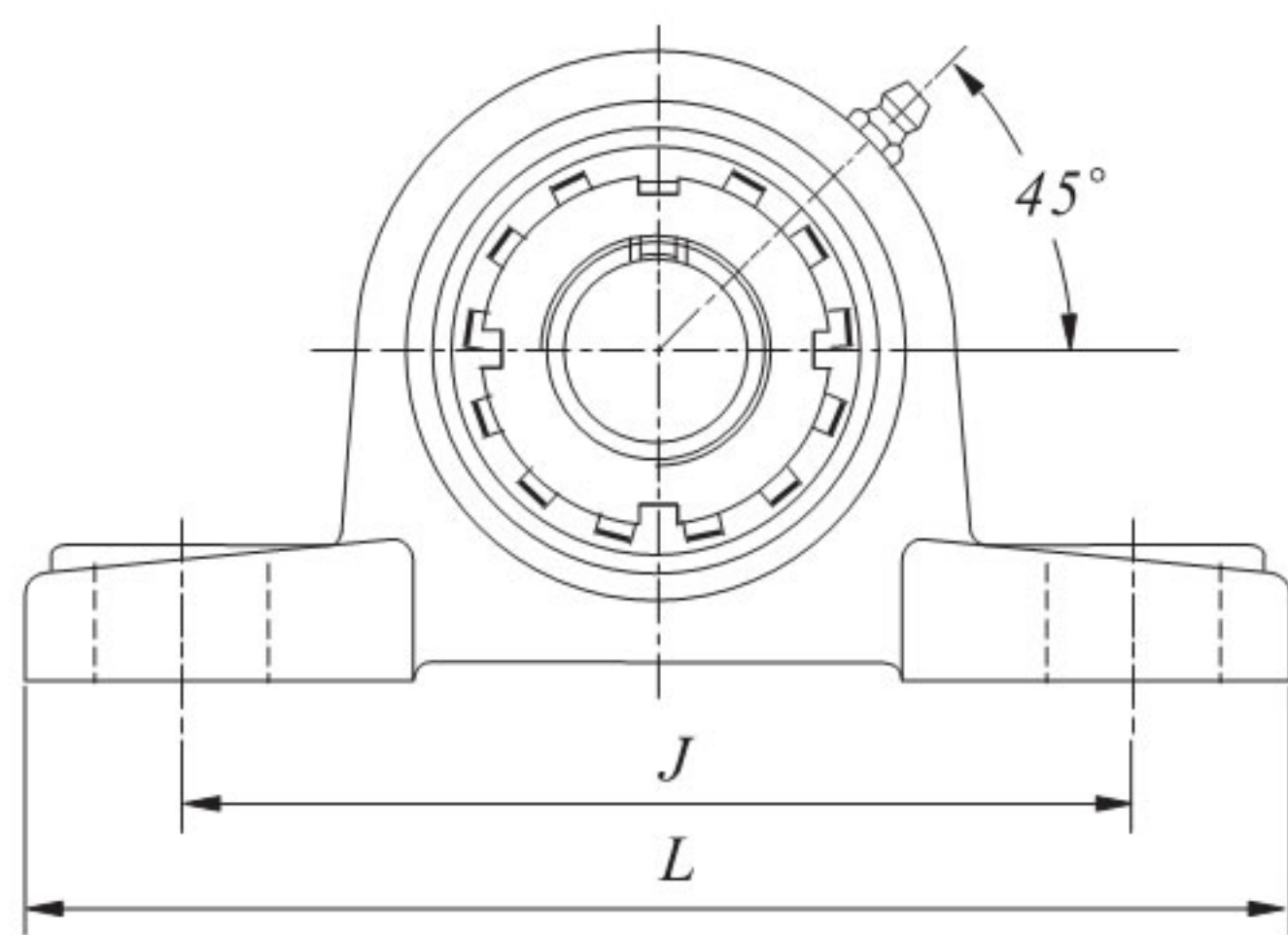
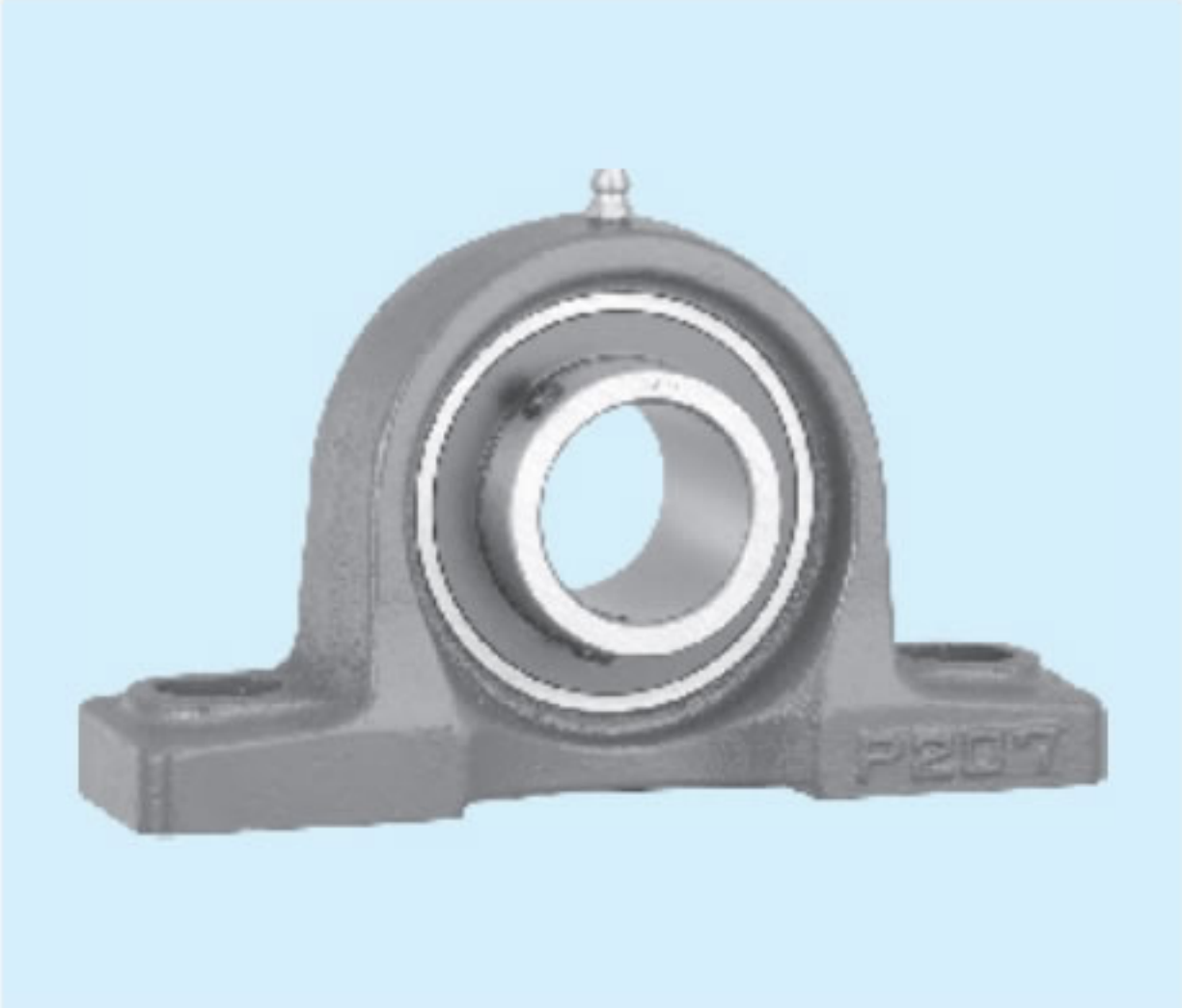
Ball bearing units
pillow block type (vertical flanged)



d 25~120 mm

Boundary dimensions (mm)						Mounting bolt specification	Basic load ratings (kN)		Limiting speeds (r/min) Shaft tolerance class js7, (j7) h7		Nominal numbers	Nominal numbers(old)	Reference mass (kg)
d	H	L	J	Ho	B		C _r	C _{0r}					
25	45	175	132.0	85	38								
25	45	175	132.0	85	38	M8X1	22.4	11.5	14000	11000	UCP305	Z90605	1.4
30	50	180	140.0	95	43	M8X1	28.1	15.8	12000	9500	UCP306	Z90606	1.8
35	56	210	160.0	106	48	M8X1	33.4	19.2	10000	8500	UCP307	Z90607	2.8
40	60	220	170.0	116	52	M10X1.25	40.7	24.0	9000	7500	UCP308	Z90608	3.0
45	67	245	190.0	129	57	M10X1.25	52.8	31.8	6700	6700	UCP309	Z90609	4.1
50	75	275	212.0	143	61	M12X1.5	61.8	37.9	6000	6000	UCP310	Z90610	5.9
55	80	310	236.0	154	66	M12X1.5	71.6	44.8	6300	5300	UCP311	Z90611	7.4
60	85	330	250.0	165	71	M12X1.5	81.8	51.8	6000	5000	UCP312	Z90612	9.4
65	90	340	260.0	176	75	M12X1.5	93.8	60.5	5000	4500	UCP313	Z90613	10.0
70	95	360	280.0	187	78	M12X1.5	105.0	68.0	5300	4300	UCP314	Z90614	12.0
75	100	380	290.0	198	82	M14X1.5	112.0	76.8	5000	4000	UCP315	Z90615	14.0
80	106	400	300.0	210	86	M14X1.5	122.0	86.5	4800	3800	UCP316	Z90616	18.0
85	112	420	320.0	220	96	M16X1.5	132.0	96.5	4500	3600	UCP317	Z90617	20.0
90	118	430	330.0	235	96	M16X1.5	145.0	108.0	4300	3400	UCP318	Z90618	24.0
95	125	470	360.0	250	103	M16X1.5	155.0	122.0	4000	3200	UCP319	Z90619	29.0
100	140	490	380.0	275	108	M18X1.5	172.0	140.0	3600	2800	UCP320	Z90620	35.0
110	150	520	400.0	300	117	M18X1.5	205.0	178.0	3200	2400	UCP322	Z90622	45.0
120	160	570	450.0	320	126	M18X1.5	228.0	208.0	3000	2200	UCP324	Z90624	55.0

Ball bearing units
pillow block type adapter locking



d 25~140 mm

Boundary dimensions (mm)				Mounting bolt specification	Basic load ratings (kN)		Nominal numbers		Reference mass (kg)
d	L	J	B		C _r	C _{0r}			
25	140	105	35	M10	14.0	7.9	UKP205+H2305		0.87
30	165	121	38	M14	19.5	11.3	UKP206+H2306		1.44
35	167	127	43	M14	25.7	15.3	UKP207+H2307		1.78
40	184	137	46	M14	29.1	17.8	UKP208+H2308		2.20
45	190	146	50	M14	31.5	20.4	UKP209+H2309		2.40
50	206	159	55	M16	35.0	23.2	UKP210+H2310		2.90
55	219	171	59	M16	43.5	29.3	UKP211+H2311		3.50
60	241	184	62	M16	52.5	36.0	UKP212+H2312		4.80
65	265	203	65	M20	57.5	40.0	UKP213+H2313		5.70
75	275	217	73	M20	66.0	49.5	UKP215+H2315		7.50
75	380	290	73	M22	113.0	77.0	UKP315+H2315		14.7
80	400	300	78	M22	123.0	86.5	UKP316+H2316		18.3
85	420	320	82	M27	133.0	97.0	UKP317+H2317		20.5
90	430	330	86	M27	143.0	107.0	UKP318+H2318		23.0
95	470	360	90	M30	153.0	119.0	UKP319+H2319		29.0
100	490	380	97	M30	173.0	141.0	UKP320+H2320		35.0
110	520	400	105	M33	205.0	179.0	UKP322+H2322		45.0
120	570	450	112	M33	207.0	185.0	UKP324+H2324		60.0
130	600	480	121	M33	229.0	214.0	UKP326+H2326		75.0
140	620	500	131	M33	253.0	246.0	UKP328+H2328		90.0

Ball bearing units
 square-flanged type
 UCFU 2



d 12~100 mm

Boundary dimensions (mm)				Mounting bolt specification	Basic load ratings (kN)		Limiting speeds (r/min)		Nominal numbers	Nominal numbers (old)	Reference mass (kg)
<i>d</i>	<i>L</i>	<i>J</i>	<i>B</i>		<i>C_r</i>	<i>C_{0r}</i>	Shaft tolerance class js7, (j7) h7				
12	78	54.0	27.4	M10	12.8	6.6	6700	4900	UCFU201	F90501	0.7
15	78	54.0	27.4	M10	12.8	6.6	6700	4900	UCFU202	F90502	0.7
17	78	54.0	27.4	M10	12.8	6.6	6700	4900	UCFU203	F90503	0.6
20	88	63.5	31.0	M10	12.8	6.6	6700	4900	UCFU204	F90504	0.7
25	97	70.0	34.1	M10	14.0	7.9	5600	4100	UCFU205	F90505	0.9
30	110	82.5	38.1	M10	19.5	11.3	4700	3400	UCFU206	F90506	1.1
35	119	92.0	42.9	M12	25.7	15.3	4000	3000	UCFU207	F90507	1.5
40	132	101.5	49.2	M14	29.1	17.9	3600	2600	UCFU208	F90508	1.9
45	139	105.0	49.2	M14	31.5	20.4	3300	2400	UCFU209	F90509	2.3
50	145	111.0	51.6	M14	35.0	23.2	3000	2200	UCFU210	F90510	2.7
55	164	130.0	55.6	M16	43.5	29.3	2700	2000	UCFU211	F90511	3.9
60	177	143.0	65.1	M16	52.5	36.0	2400	1800	UCFU212	F90512	4.7
65	189	149.5	65.1	M16	57.5	40.0	2300	1700	UCFU213	F90513	5.7
70	195	152.0	74.6	M16	62.0	44.0	2200	1600	UCFU214	F90514	6.1
75	202	159.0	77.8	M16	66.0	49.5	2000	1500	UCFU215	F90515	6.9
80	213	165.0	82.6	M20	72.5	53.0	1900	1400	UCFU216	F90516	8.1
85	222	175.0	85.7	M20	84.0	62.0	1800	1300	UCFU217	F90517	9.3
90	240	187.0	96.0	M20	96.0	71.5	1700	1200	UCFU218	F90518	11.0
100	270	210.0	108.0	—	—	—	—	—	UCFU220	F90520	12.0

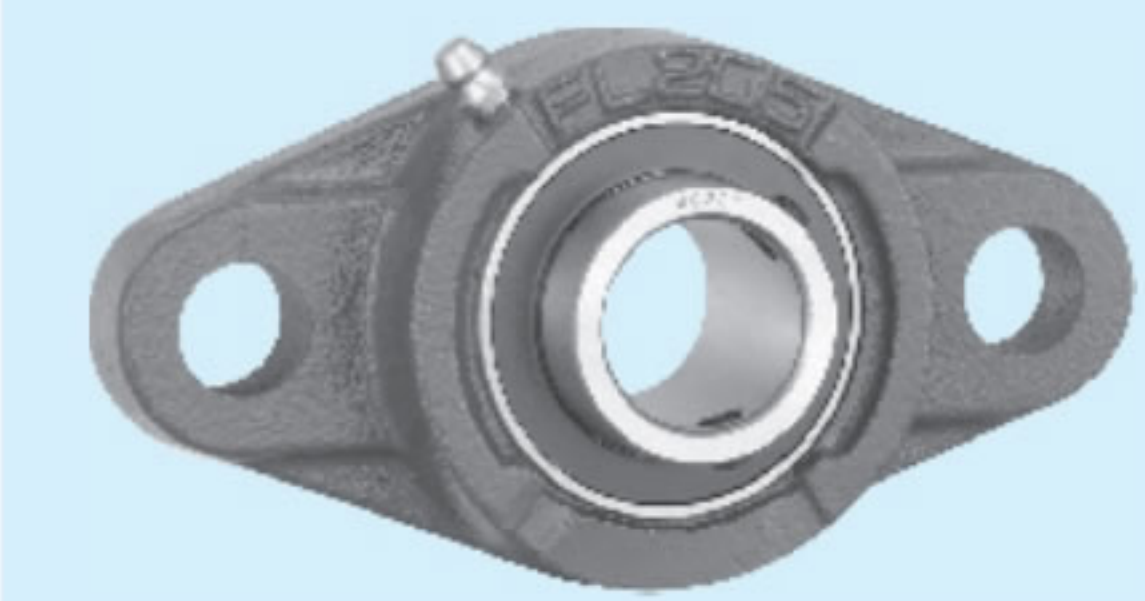
d 25~120 mm

Boundary dimensions (mm)				Mounting bolt specification	Basic load ratings (kN)		Limiting speeds (r/min)		Nominal numbers	Nominal numbers (old)	Reference mass (kg)
<i>d</i>	<i>L</i>	<i>J</i>	<i>B</i>		<i>C_r</i>	<i>C_{0r}</i>	Shaft tolerance class js7, (j7) h7				
25	110	80	38	M8X1	22.4	11.5	14000	11000	UCFU305	F90605	1.1
30	125	95	43	M8X1	28.1	15.8	12000	9500	UCFU306	F90606	1.6
35	135	100	48	M8X1	33.4	19.2	10000	8500	UCFU307	F90607	2.0
40	150	112	52	M10X1.25	40.7	24.0	9000	7500	UCFU308	F90608	2.7
45	160	125	57	M10X1.25	52.8	31.8	6700	6700	UCFU309	F90609	3.4
50	175	132	61	M12X1.5	61.8	37.9	6000	6000	UCFU310	F90610	4.5
55	185	140	66	M12X1.5	71.6	44.8	6300	5300	UCFU311	F90611	5.5
60	195	150	71	M12X1.5	81.8	51.8	6000	5000	UCFU312	F90612	6.5
65	208	166	75	M12X1.5	93.8	60.5	5000	4500	UCFU313	F90613	7.9
70	226	178	78	M12X1.5	105.0	68.0	5300	4300	UCFU314	F90614	9.5
75	250	184	82	M14X1.5	112.0	76.8	5000	4000	UCFU315	F90615	12.0
80	260	196	86	M14X1.5	122.0	86.5	4800	3800	UCFU316	F90616	14.0
85	280	204	96	M16X1.5	132.0	96.5	4500	3600	UCFU317	F90617	16.0
90	290	216	96	M16X1.5	145.0	108.0	4300	3400	UCFU318	F90618	19.0
95	310	228	103	M16X1.5	155.0	122.0	4000	3200	UCFU319	F90619	22.0
100	340	242	108	M18X1.5	172.0	140.0	3600	2800	UCFU320	F90620	26.0
110	370	266	117	M18X1.5	205.0	178.0	3200	2400	UCFU322	F90622	38.0
120	260	290	126	M18X1.5	228.0	208.0	3000	2200	UCFU324	F90624	50.0

Ball bearing units
rhombic-flanged type



UCFLU 2



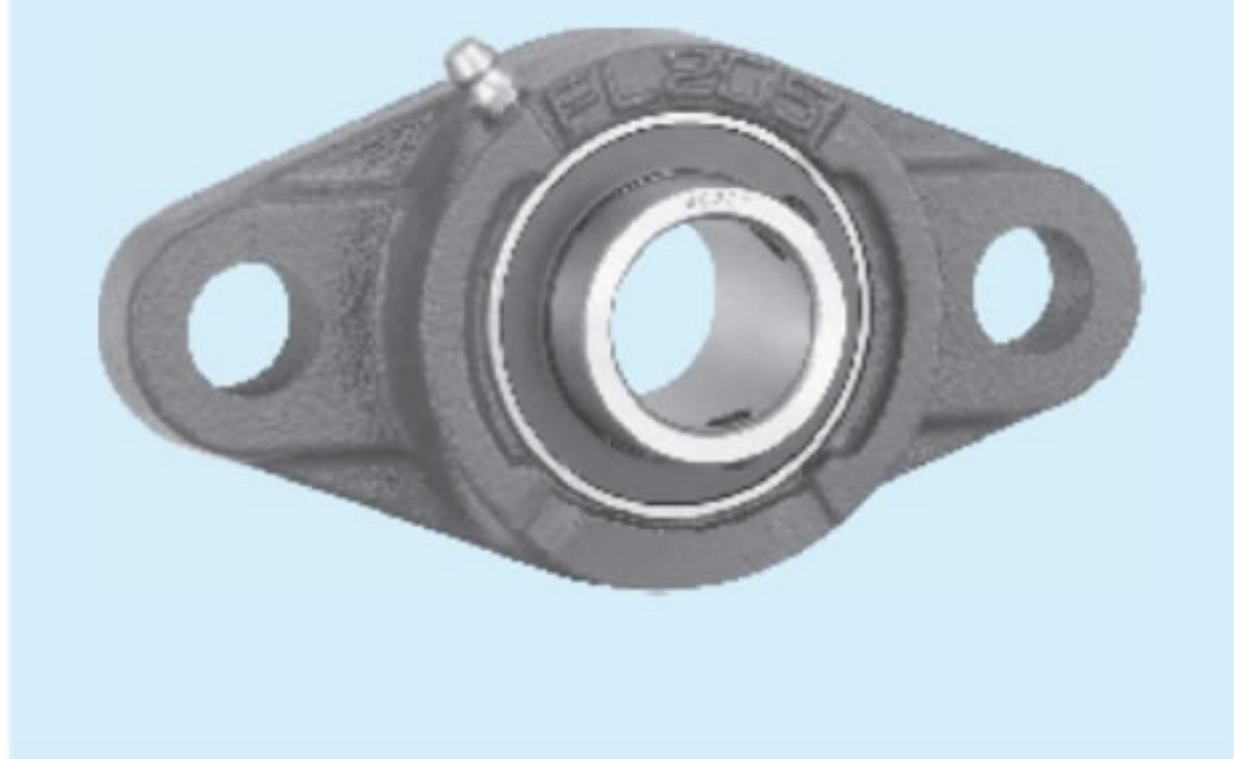
d 12~60 mm

Boundary dimension (mm)					Mounting bolt specification	Basic load ratings (kN)		Limiting speeds (r/min)			Nominal numbers	Nominal numbers (old)	Reference mass (kg)
<i>d</i>	<i>H</i> (Max)	<i>L</i> (Max)	<i>J</i>	<i>B</i>		<i>C_r</i>	<i>C_{0r}</i>	Shaft tolerance class					
				<i>js7</i> , (<i>j7</i>)				<i>h7</i>					
12	99	61	76.5	27.4	M10	12.8	6.6	6700	4900		UCFLU201	L90501	0.45
15	99	61	76.5	27.4	M10	12.8	6.6	6700	4900		UCFLU202	L90502	0.45
17	99	61	76.5	27.4	M10	12.8	6.6	6700	4900		UCFLU203	L90503	0.45
20	113	62	90	31.0	M10	12.8	6.6	6700	4900		UCFLU204	L90504	0.5
25	125	70	99	34.1	M14	14	7.85	5600	4100		UCFLU205	L90505	0.6
30	142	83	116.5	38.1	M14	19.5	11.3	4700	3400		UCFLU206	L90506	0.9
35	156	96	130	42.9	M14	25.7	15.3	4000	3000		UCFLU207	L90507	1.2
40	172	105	143.5	49.2	M14	29.1	17.9	3600	2600		UCFLU208	L90508	1.6
45	180	112	148.5	49.2	M16	31.5	20.4	3300	2400		UCFLU209	L90509	1.9
50	190	117	157	51.6	M16	35	23.2	3000	2200		UCFLU210	L90510	2.2
55	222	134	184	55.6	M16	43.5	29.3	2700	2000		UCFLU211	L90511	3.1
60	238	142	202	65.1	M20	52.5	36	2400	1800		UCFLU212	L90512	4

Ball bearing units
rhombic-flanged type



UCFLU 3



d 25~120 mm

Boundary dimension (mm)					Mounting bolt specification	Basic load ratings (kN)		Limiting speeds (r/min) Shaft tolerance class			Nominal numbers	Nominal numbers (old)	Reference mass (kg)
d	H (Max)	L (Max)	J	B		C_r	C_{0r}	js7, (j7)	h7				
25	150	113	80	38	M8X1	22.4	11.5	14000	11000		UCFLU305	L90605	1.10
30	180	134	90	43	M8X1	28.1	15.8	12000	9500		UCFLU306	L90606	1.50
35	185	141	100	48	M8X1	33.4	19.2	10000	8500		UCFLU307	L90607	1.90
40	200	158	112	52	M10X1.25	40.7	24.0	9000	7500		UCFLU308	L90608	2.50
45	230	177	125	57	M10X1.25	52.8	31.8	6700	6700		UCFLU309	L90609	3.40
50	240	187	140	61	M12X1.5	61.8	37.9	6000	6000		UCFLU310	L90610	4.40
55	250	198	150	66	M12X1.5	71.6	44.8	6300	5300		UCFLU311	L90611	5.10
60	270	212	160	71	M12X1.5	81.8	51.8	6000	5000		UCFLU312	L90612	6.10
65	295	240	175	75	M12X1.5	93.8	60.5	5000	4500		UCFLU313	L90613	7.80
70	315	250	185	78	M12X1.5	105.0	68.0	5300	4300		UCFLU314	L90614	9.00
75	320	260	195	82	M14X1.5	112.0	76.8	5000	4000		UCFLU315	L90615	10.00
80	355	285	210	86	M14X1.5	122.0	86.5	4800	3800		UCFLU316	L90616	13.00
85	370	300	220	96	M16X1.5	132.0	96.5	4500	3600		UCFLU317	L90617	15.00
90	385	315	235	96	M16X1.5	145.0	108.0	4300	3400		UCFLU318	L90618	18.00
95	405	330	250	103	M16X1.5	155.0	122.0	4000	3200		UCFLU319	L90619	22.00
100	440	360	270	108	M18X1.5	172.0	140.0	3600	2800		UCFLU320	L90620	27.00
110	470	390	300	117	M18X1.5	205.0	178.0	3200	2400		UCFLU322	L90622	33.00
120	520	430	330	126	M18X1.5	228.0	208.0	3000	2200		UCFLU324	L90624	48.00

UCK2

d 12~60mm

Boundary dimension (mm)						Basic load ratings (kN)		Limiting speeds (r/min) Shaft tolerance class			Nominal numbers	Nominal numbers (old)	Reference mass (kg)
d	H	L	L ₁	N ₂	B	C _r	C _{0r}	js7, (j7)	h7				
12	89	94	61	32	31	12.8	6.6	6700	4900		UCK201	K90501	0.8
15	89	94	61	32	31	12.8	6.6	6700	4900		UCK202	K90502	0.8
17	89	94	61	32	31	12.8	6.6	6700	4900		UCK203	K90503	0.8
20	89	94	61	32	31	12.8	6.6	6700	4900		UCK204	K90504	0.8
25	89	97	62	32	34	14	7.85	5600	4100		UCK205	K90505	1.1
30	102	113	70	37	38.1	19.5	11.3	4700	3400		UCK206	K90506	1.3
35	102	129	78	37	42.9	25.7	15.3	4000	3000		UCK207	K90507	1.7
40	114	143	88	49	49.2	29.1	17.9	3600	2600		UCK208	K90508	2.4
45	117	144	87	49	49.2	31.5	20.4	3300	2400		UCK209	K90509	2.5
50	117	149	90	49	51.6	35	23.2	3000	2200		UCK210	K90510	2.6
55	146	171	106	64	55.6	43.5	29.3	2700	2000		UCK211	K90511	4
60	146	194	119	64	65.1	52.5	36	2400	1800		UCK212	K90512	4.9

Ball bearing units
take-up type (set screw locking)

UCK3



d 25~120 mm

Boundary dimension (mm)						Basic load ratings (kN)		Limiting speeds (r/min) Shaft tolerance class			Nominal numbers	Nominal numbers (old)	Reference mass (kg)
d	H	L	L ₁	N ₂	B	C _r	C _{0r}	js7, (j7)	h7				
25	89	122	76	36	38	22.4	11.5	14000	11000		UCK305	K90605	1.4
30	100	137	85	41	43	28.1	15.8	12000	9500		UCK306	K90606	1.8
35	111	150	94	45	48	33.4	19.2	10000	8500		UCK307	K90607	2.4
40	124	162	100	50	52	40.7	24.0	9000	7500		UCK308	K90608	3.0
45	138	178	110	55	57	52.8	31.8	6700	6700		UCK309	K90609	4.0
50	151	191	117	61	61	61.8	37.9	6000	6000		UCK310	K90610	5.0
55	163	207	127	66	66	71.6	44.8	6300	5300		UCK311	K90611	6.4
60	178	220	135	71	71	81.8	51.8	6000	5000		UCK312	K90612	7.6
65	190	238	146	70	75	93.8	60.5	5000	4500		UCK313	K90613	9.7
70	202	252	155	85	78	105.0	68.0	5300	4300		UCK314	K90614	11.0
75	216	262	160	85	82	112.0	76.8	5000	4000		UCK315	K90615	14.0
80	230	282	174	98	86	122.0	86.5	4800	3800		UCK316	K90616	16.0
85	240	298	183	98	96	132.0	96.5	4500	3600		UCK317	K90617	20.0
90	255	312	192	106	96	145.0	108.0	4300	3400		UCK318	K90618	22.0
95	270	322	197	106	103	155.0	122.0	4000	3200		UCK319	K90619	25.0
100	290	345	210	115	108	172.0	140.0	3600	2800		UCK320	K90620	32.0
110	320	385	235	125	117	205.0	178.0	3200	2400		UCK322	K90622	40.0
120	355	432	267	140	126	228.0	208.0	3000	2200		UCK324	K90624	55.0

Ball bearing units
round-flanged type with spigot joint

UCFC



d 12~90 mm

Boundary dimensions (mm)					Basic load ratings (kN)		Mounting bolt specification	Limiting speeds (r/min)			Nominal numbers	Nominal numbers (old)	Reference mass (kg)
d	D ₂	P	J	B	C _r	C _{0r}		Shaft tolerance class js7, (j7)	h7				
12	97	75	53.0	27.4	12.8	6.6	M10	6700	4900		UCFC201	TY90501	0.76
15	97	75	53.0	27.4	12.8	6.6	M10	6700	4900		UCFC202	TY90502	0.76
17	97	75	53.0	27.4	12.8	6.6	M10	6700	4900		UCFC203	TY90503	0.76
20	100	78	55.1	31.0	12.8	6.6	M10	6700	4900		UCFC204	TY90504	0.76
25	115	90	63.6	34.1	14	7.85	M14	5600	4100		UCFC205	TY90505	0.96
30	125	100	70.7	38.1	19.5	11.3	M14	4700	3400		UCFC206	TY90506	1.3
35	135	110	77.8	42.9	25.7	15.3	M14	4000	3000		UCFC207	TY90507	1.7
40	145	120	84.8	49.2	29.1	17.9	M14	3600	2600		UCFC208	TY90508	2
45	160	132	93.3	49.2	31.5	20.4	M16	3300	2400		UCFC209	TY90509	2.7
50	165	138	97.6	51.6	35	23.2	M16	3000	2200		UCFC210	TY90510	2.9
55	185	150	106.1	55.6	43.5	29.3	M16	2700	2000		UCFC211	TY90511	4.2
60	195	160	113.1	65.1	52.5	36	M20	2400	1800		UCFC212	TY90512	5
65	205	170	120.2	65.1	57.5	40	M20	2300	1700		UCFC213	TY90513	5.7
70	215	177	125.1	74.6	62	44	M20	2200	1600		UCFC214	TY90514	6.8
75	220	184	130.1	77.8	66	49.5	M20	2000	1500		UCFC215	TY90515	7.2
80	240	200	141.1	82.6	72.5	53	M20	1900	1400		UCFC216	TY90516	8.7
85	250	208	147.1	85.7	84	62	M20	1800	1300		UCFC217	TY90517	10.3
90	265	220	155.5	96.0	96	71.5	M22	1700	1200		UCFC218	TY90518	13.5