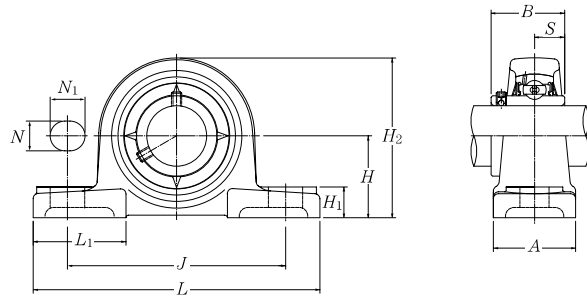


Bearing Units

NTN

Cast iron pillow blocks UCP type / cylindrical bore type, setscrew type



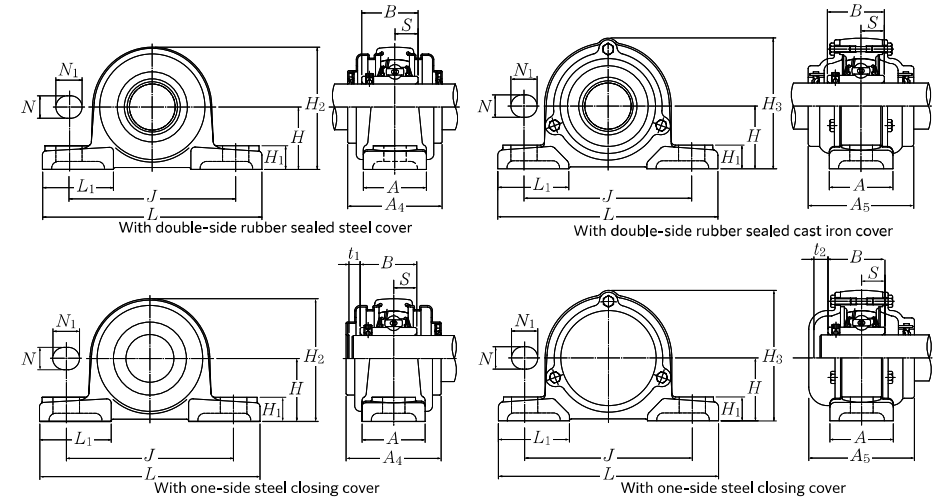
Shaft diameter: 55 to 90 mm

Shaft dia. mm	Unit number ¹⁾²⁾	Dimensions												Fixing bolt	Number	Bearing		
		mm														Basic load dynamic <i>C_r</i>	rating static <i>C_{0r}</i>	Fatigue load limit <i>C_u</i>
		<i>H</i>	<i>L</i>	<i>J</i>	<i>A</i>	<i>N</i>	<i>N</i> ₁	<i>H</i> ₁	<i>H</i> ₂	<i>L</i> ₁	<i>B</i>	<i>S</i>						
55	UCP211	63.5	219	171	60	20	23	23	126	65	55.6	22.2	M16	UC211D1	48.0	29.2	2.29	
	UCPX11	69.8	260	184	79	25	28	30	137	75	65.1	25.4	M20	UCX11D1	58.0	36.0	2.83	
	UCP311	80	310	236	80	20	38	30	154	85	66	25	M16	UC311D1	79.5	45.0	3.50	
60	UCP212	69.8	241	184	70	20	23	25	138	70	65.1	25.4	M16	UC212D1	58.0	36.0	2.83	
	UCPX12	76.2	286	203	83	25	28	33	151	80	65.1	25.4	M20	UCX12D1	63.5	40.0	3.15	
	UCP312	85	330	250	85	25	38	32	165	95	71	26	M20	UC312D1	90.5	52.0	4.10	
65	UCP213	76.2	265	203	70	25	28	27	151	77	65.1	25.4	M20	UC213D1	63.5	40.0	3.15	
	UCPX13	76.2	286	203	83	25	28	33	154	80	74.6	30.2	M20	UCX13D1	69.0	44.0	3.45	
	UCP313	90	340	260	90	25	38	33	176	105	75	30	M20	UC313D1	103	60.0	4.60	
70	UCP214	79.4	266	210	72	25	28	27	157	77	74.6	30.2	M20	UC214D1	69.0	44.0	3.45	
	UCPX14	88.9	330	229	89	27	30	35	170	95	77.8	33.3	M22	UCX14D1	73.5	49.5	3.80	
	UCP314	95	360	280	90	27	40	35	187	105	78	33	M22	UC314D1	115	68.0	5.10	
75	UCP215	82.6	275	217	74	25	28	28	163	80	77.8	33.3	M20	UC215D1	73.5	49.5	3.80	
	UCPX15	88.9	330	229	89	27	30	35	175	95	82.6	33.3	M22	UCX15D1	80.5	53.0	3.95	
	UCP315	100	380	290	100	27	40	35	198	110	82	32	M22	UC315D1	126	77.0	5.55	
80	UCP216	88.9	292	232	78	25	28	30	175	85	82.6	33.3	M20	UC216D1	80.5	53.0	3.95	
	UCPX16	101.6	381	283	102	27	30	40	194	110	85.7	34.1	M22	UCX16D1	92.0	64.0	4.60	
	UCP316	106	400	300	110	27	40	40	210	110	86	34	M22	UC316D1	136	86.5	6.05	
85	UCP217	95.2	310	247	83	25	28	32	187	85	85.7	34.1	M20	UC217D1	92.0	64.0	4.60	
	UCPX17	101.6	381	283	102	27	30	40	200	110	96	39.7	M22	UCX17D1	106	71.5	5.00	
	UCP317	112	420	320	110	33	45	40	220	120	96	40	M27	UC317D1	147	97.0	6.55	
90	UCP218	101.6	327	262	88	27	30	33	200	90	96	39.7	M22	UC218D1	106	71.5	5.00	
	UCPX18	101.6	381	283	111	27	30	40	206	110	104	42.9	M22	UCX18D1	121	82.0	5.55	
	UCP318	118	430	330	110	33	45	45	235	120	96	40	M27	UC318D1	158	107	7.10	

- 1) Spherical graphite cast iron bearings are also available based on request. In this case, a supplementary suffix "N1" is added after the unit number. Example: UCP320N1
 2) The unit numbers indicate the oil-free type, and supplementary suffix "D1" is added after the number for the oil feeding type.

Bearing Units

NTN



Standard housing number	Number of unit with steel cover		Number of unit with cast iron cover		Dimensions mm					Unit mass (approx.) kg		
	Double-side rubber sealed cover	One-side closing cover	Double-side rubber sealed cover	One-side closing cover	t ₁	t ₂	A ₄	H ₃	A ₅	Standard	With steel cover	With cast iron cover
	t ₁	t ₂	t ₁	t ₂	t ₁	t ₂	A ₄	H ₃	A ₅	t ₁	t ₂	A ₅
P211	S-UCP211	SM-UCP211	C-UCP211	CM-UCP211	10	11	92	130	100	3.4	3.6	4.4
PX11	S-UCPX11	SM-UCPX11	C-UCPX11	CM-UCPX11	8	12	102	144	115	5.4	5.8	6.9
P311	—	—	C-UCP311	CM-UCP311	—	15	—	166	125	7.3	—	8.9
P212	S-UCP212	SM-UCP212	C-UCP212	CM-UCP212	8	12	102	143	115	4.7	5	6
PX12	S-UCPX12	SM-UCPX12	C-UCPX12	CM-UCPX12	11	15	107	155	120	6.8	7.3	8.6
P312	—	—	C-UCP312	CM-UCP312	—	16	—	179	135	9.4	—	11
P213	S-UCP213	SM-UCP213	C-UCP213	CM-UCP213	11	15	107	155	120	5.6	5.8	7.2
PX13	—	—	C-UCPX13	CM-UCPX13	—	17	—	159	135	7.1	—	9.4
P313	—	—	C-UCP313	CM-UCP313	—	19	—	190	140	10	—	13
P214	—	—	C-UCP214	CM-UCP214	—	17	—	162	135	6.5	—	8.4
PX14	—	—	C-UCPX14	CM-UCPX14	—	17	—	175	135	9.3	—	12
P314	—	—	C-UCP314	CM-UCP314	—	19	—	200	140	12	—	14
P215	—	—	C-UCP215	CM-UCP215	—	17	—	168	135	7.2	—	9.3
PX15	—	—	C-UCPX15	CM-UCPX15	—	17	—	181	145	10	—	13
P315	—	—	C-UCP315	CM-UCP315	—	19	—	210	150	14	—	17
P216	—	—	C-UCP216	CM-UCP216	—	17	—	181	145	8.7	—	11
PX16	—	—	C-UCPX16	CM-UCPX16	—	19	—	198	155	14	—	17
P316	—	—	C-UCP316	CM-UCP316	—	18	—	221	155	17	—	21
P217	—	—	C-UCP217	CM-UCP217	—	19	—	191	155	11	—	13
PX17	—	—	C-UCPX17	CM-UCPX17	—	20	—	204	165	15	—	19
P317	—	—	C-UCP317	CM-UCP317	—	21	—	235	170	19	—	24
P218	—	—	C-UCP218	CM-UCP218	—	20	—	204	165	13	—	16
PX18	—	—	C-UCPX18	CM-UCPX18	—	22	—	208	180	16	—	21
P318	—	—	C-UCP318	CM-UCP318	—	21	—	246	170	22	—	27