

KZ PILLOW BLOCK BEARING

Pillow blocks are advanced applied in places with simple equipment and spare parts, such as agricultural machines, convey system or construction machines. One unit of pillow block consists of a deep groove ball bearings with a spherical outer rings closed in double sides and a housing made by gray cast iron or punches steel.

A pillow block bearing (plummer block) is a mounted bearing used to provide support for a rotating shaft with the mounting surface on a parallel line with the axis of the shaft.

Pillow block bearings are generally self-lubricating.

Pillow block bearings are a form of mounted bearing used to provide load support for a rotating shaft axis. The bearing housing mounts to a surface parallel to the shaft axis. Selection of the appropriate bearings can be accomplished based on the shaft size and the radial and thrust load requirements. Pillow block bearings are designed to support a shaft: the mounting surface is on a parallel line with the axis of the shaft. Elongated bolt holes in the base or feet of the unit allow for some adjustment and easy mounting of the pillow block bearing.



Unit No.	Dimensions												Bolt Size mm inch	Weight (kg)
	d	h	a	e	b	s1	s2	g	w	t	B	n		
<u>UCP201</u>	12	30.2	127	95	38	13	19	14	62	44.5	31	12.7	M10	0.69
<u>UCP201-8</u>	1/2	1-3/16	5	3-3/4	1-1/2	1/2	3/4	9/16	2-7/16	1-3/4	1.2205	0.5	3/8	0.69
<u>UCP202</u>	15	30.2	127	95	38	13	19	14	62	44.5	31	12.7	M10	0.69
<u>UCP202-9</u>	9/16	1-3/16	5	3-3/4	1-1/2	1/2	3/4	9/16	2-7/16	1-3/4	1.2205	0.5	3/8	0.69
<u>UCP202-10</u>	5/8	1-3/16	5	3-3/4	1-1/2	1/2	3/4	9/16	2-7/16	1-3/4	1.2205	0.5	3/8	0.69
<u>UCP203</u>	17	30.2	127	95	38	13	19	14	62	44.5	31	12.7	M10	0.68
<u>UCP203-11</u>	11/16	1-3/16	5	3-3/4	1-1/2	1/2	3/4	9/16	2-7/16	1-3/4	1.2205	0.5	3/8	0.67
<u>UCP204</u>	20	33.3	127	95	38	13	19	14	62	44.5	31	12.7	M10	0.66
<u>UCP204-12</u>	3/4	1-5/16	5	3-3/4	1-1/2	1/2	3/4	9/16	2-7/16	1-3/4	1.2205	0.5	3/8	0.66
<u>UCP205</u>	25	36.5	140	105	38	13	19	15	71	48	34.1	14.3	M10	0.81
<u>UCP205-13</u>	13/16	1-7/16	5-1/2	4-1/8	1-1/2	1/2	3/4	19/32	2-25/32	1-57/64	1.3425	0.563	3/8	0.85
<u>UCP205-14</u>	7/8	1-7/16	5-1/2	4-1/8	1-1/2	1/2	3/4	19/32	2-25/32	1-57/64	1.3425	0.563	3/8	0.83
<u>UCP205-15</u>	15/16	1-7/16	5-1/2	4-1/8	1-1/2	1/2	3/4	19/32	2-25/32	1-57/64	1.3425	0.563	3/8	0.82
<u>UCP205-16</u>	1	1-7/16	5-1/2	4-1/8	1-1/2	1/2	3/4	19/32	2-25/32	1-57/64	1.3425	0.563	3/8	0.81
<u>UCP206</u>	30	42.9	160	121	44	17	20	17	84	53	38.1	15.9	M14	1.24
<u>UCP206-17</u>	1-1/16	1-11/16	6-19/64	4-3/4	1-47/64	43/64	25/32	21/32	3-5/16	2-5/64	1.5	0.626	1/2	1.27
<u>UCP206-18</u>	1-1/8	1-11/16	6-19/64	4-3/4	1-47/64	43/64	25/32	21/32	3-5/16	2-5/64	1.5	0.626	1/2	1.26
<u>UCP206-19</u>	1-3/16	1-11/16	6-19/64	4-3/4	1-47/64	43/64	25/32	21/32	3-5/16	2-5/64	1.5	0.626	1/2	1.24
<u>UCP206-20</u>	1-1/4	1-11/16	6-19/64	4-3/4	1-47/64	43/64	25/32	21/32	3-5/16	2-5/64	1.5	0.626	1/2	1.23
<u>UCP207</u>	35	47.6	167	127	48	17	20	18	93	59.5	42.9	17.5	M14	1.58

Unit No.	Dimensions												Bolt Size mm inch	Weight(kg)
	d	h	a	e	b	s1	s2	g	w	t	B	n		
UCP207-20	1-1/4	1-7/8	6-9/16	5	1-7/8	43/64	25/32	45/64	3-21/32	2-11/32	1.689	0.689	1/2	1.64
UCP207-21	1-5/16	1-7/8	6-9/16	5	1-7/8	43/64	25/32	45/64	3-21/32	2-11/32	1.689	0.689	1/2	1.61
UCP207-22	1-3/8	1-7/8	6-9/16	5	1-7/8	43/64	25/32	45/64	3-21/32	2-11/32	1.689	0.689	1/2	1.58
UCP207-23	1-7/16	1-7/8	6-9/16	5	1-7/8	43/64	25/32	45/64	3-21/32	2-11/32	1.689	0.689	1/2	1.55
UCP208	40	49.2	184	137	54	17	20	18	100	69	49.2	19	M14	1.89
UCP208-24	1-1/2	1-15/16	7-1/4	5-13/32	2-1/8	43/64	25/32	45/64	3-15/16	2-23/32	1.937	0.748	1/2	1.93
UCP208-25	1-9/16	1-15/16	7-1/4	5-13/32	2-1/8	43/64	25/32	45/64	3-15/16	2-23/32	1.937	0.748	1/2	1.9
UCP209	45	54	190	146	54	17	20	20	106	69	49.2	19	M14	2.14
UCP209-26	1-5/8	2-1/8	7-15/32	5-3/4	2-1/8	43/64	25/32	25/32	4-11/64	2-23/32	1.937	0.748	1/2	2.24
UCP209-27	1-11/16	2-1/8	7-15/32	5-3/4	2-1/8	43/64	25/32	25/32	4-11/64	2-23/32	1.937	0.748	1/2	2.2
UCP209-28	1-3/4	2-1/8	7-15/32	5-3/4	2-1/8	43/64	25/32	25/32	4-11/64	2-23/32	1.937	0.748	1/2	2.14
UCP210	50	57.2	206	159	60	20	23	21	113	74.5	51.6	19	M16	2.66
UCP210-29	1-13/16	2-1/4	8-1/8	6-1/4	2-3/8	25/32	29/32	53/64	4-29/64	2-15/16	2.0315	0.748	5/8	2.78
UCP210-30	1-7/8	2-1/4	8-1/8	6-1/4	2-3/8	25/32	29/32	53/64	4-29/64	2-15/16	2.0315	0.748	5/8	2.73
UCP210-31	1-15/16	2-1/4	8-1/8	6-1/4	2-3/8	25/32	29/32	53/64	4-29/64	2-15/16	2.0315	0.748	5/8	2.68
UCP210-32	2	2-1/4	8-1/8	6-1/4	2-3/8	25/32	29/32	53/64	4-29/64	2-15/16	2.0315	0.748	5/8	2.64
UCP211	55	63.5	219	171	60	20	23	23	125	76	55.6	22.2	M16	3.31
UCP211-32	2	2-1/2	8-5/8	6-47/64	2-3/8	25/32	29/32	29/32	4-59/64	3	2.189	0.874	5/8	3.46
UCP211-33	2-1/16	2-1/2	8-5/8	6-47/64	2-3/8	25/32	29/32	29/32	4-59/64	3	2.189	0.874	5/8	3.4

Unit No.	Dimensions												Bolt Size mm inch	Weight(kg)
	d	h	a	e	b	s1	s2	g	w	t	B	n		
<u>UCP211-35</u>	2-3/16	2-1/2	8-5/8	6-47/64	2-3/8	25/32	29/32	29/32	4-59/64	3	2.189	0.874	5/8	3.29
<u>UCP212</u>	60	69.8	241	184	70	20	23	25	138	89	65.1	25.4	M16	4.9
<u>UCP212-36</u>	2-1/4	2-3/4	9-1/2	7-1/4	2-3/4	25/32	29/32	63/64	5-7/16	3-1/2	2.563	1	5/8	5.03
<u>UCP212-37</u>	2-5/16	2-3/4	9-1/2	7-1/4	2-3/4	25/32	29/32	63/64	5-7/16	3-1/2	2.563	1	5/8	4.95
<u>UCP212-38</u>	2-3/8	2-3/4	9-1/2	7-1/4	2-3/4	25/32	29/32	63/64	5-7/16	3-1/2	2.563	1	5/8	4.88
<u>UCP212-39</u>	2-7/16	2-3/4	9-1/2	7-1/4	2-3/4	25/32	29/32	63/64	5-7/16	3-1/2	2.563	1	5/8	4.81
<u>UCP213</u>	65	76.2	265	203	70	25	28	27	150	89	65.1	25.4	M20	5.15
<u>UCP213-40</u>	2-1/2	3	10-7/16	8	2-3/4	63/64	1-3/32	1-1/16	5-29/32	3-1/2	2.563	1	3/4	5.24
<u>UCP213-41</u>	2-9/16	3	10-7/16	8	2-3/4	63/64	1-3/32	1-1/16	5-29/32	3-1/2	2.563	1	3/4	5.15
<u>UCP214</u>	70	79.4	266	210	72	25	28	27	156		74.6	30.2	M20	6.2
<u>UCP214-42</u>	2-5/8	3-1/8	10-15/32	8-17/64	2-27/32	63/64	1-3/32	1-1/16	6-9/64		2.937	1.189	3/4	6.41
<u>UCP214-43</u>	2-11/16	3-1/8	10-15/32	8-17/64	2-27/32	63/64	1-3/32	1-1/16	6-9/64		2.937	1.189	3/4	6.31
<u>UCP214-44</u>	2-3/4	3-1/8	10-15/32	8-17/64	2-27/32	63/64	1-3/32	1-1/16	6-9/64		2.937	1.189	3/4	6.21
<u>UCP215</u>	75	82.6	275	217	74	25	28	28	162		77.8	33.3	M20	7.16
<u>UCP215-45</u>	2-13/16	3-1/4	10-53/64	8-35/64	2-29/32	63/64	1-3/32	1-3/32	6-3/8		3.063	1.311	3/4	7.41
<u>UCP215-46</u>	2-7/8	3-1/4	10-53/64	8-35/64	2-29/32	63/64	1-3/32	1-3/32	6-3/8		3.063	1.311	3/4	7.3
<u>UCP215-47</u>	2-15/16	3-1/4	10-53/64	8-35/64	2-29/32	63/64	1-3/32	1-3/32	6-3/8		3.063	1.311	3/4	7.19
<u>UCP215-48</u>	3	3-1/4	10-53/64	8-35/64	2-29/32	63/64	1-3/32	1-3/32	6-3/8		3.063	1.311	3/4	7.07
<u>UCP216</u>	80	88.9	292	232	78	25	28	30	174		82.6	33.3	M20	8.1

Unit No.	Dimensions											Bolt Size mm inch	Weight(kg)	
	d	h	a	e	b	s1	s2	g	w	t	B			n
<u>UCP216-50</u>	3-1/8	3-1/2	11-1/2	9-1/8	3-1/16	63/64	1-3/32	1-3/16	6-27/32		3.252	1.311	3/4	8.15
<u>UCP216-51</u>	3-3/16	3-1/2	11-1/2	9-1/8	3-1/16	63/64	1-3/32	1-3/16	6-27/32		3.252	1.311	3/4	8.02
<u>UCP217</u>	85	95.2	310	247	83	25	28	32	185		85.7	34.1	M20	9.81
<u>UCP217-52</u>	3-1/4	3-3/4	12-13/64	9-23/32	3-17/64	63/64	1-3/32	1-1/4	7-9/32		3.374	1.343	3/4	8.28
<u>UCP217-53</u>	3-5/16	3-3/4	12-13/64	9-23/32	3-17/64	63/64	1-3/32	1-1/4	7-9/32		3.374	1.343	3/4	8.15
<u>UCP217-55</u>	3-7/16	3-3/4	12-13/64	9-23/32	3-17/64	63/64	1-3/32	1-1/4	7-9/32		3.374	1.343	3/4	8.02
<u>UCP218</u>	90	101.6	327	262	88	27	30	33	198		96	39.7	M22	11.96
<u>UCP218-56</u>	3-1/2	101.6 4	12-7/8	10-5/16	3-15/32	1-1/16	1-3/16	1-19/64	7-51/64		3.7795	1.563	7/8	12.07

Unit No.	Dimensions											Bolt Size mm inch	Weight(kg)
	d	h	a	e	b	S1	S2	g	w	B	n		
UCP305	25	45	175	132	45	17	20	15	85	38	38	M14	1.4
UCP305-13	13/16	1-49/64	6-7/8	5-3/16	1-25/32	43/64	25/32	19/32	3-11/32	1-4961	0.591	1/2	1.4
UCP305-14	7/8	1-49/64	6-7/8	5-3/16	1-25/32	43/64	25/32	19/32	3-11/32	1-4961	0.591	1/2	1.4
UCP305-15	15/16	1-49/64	6-7/8	5-3/16	1-25/32	43/64	25/32	19/32	3-11/32	1-4961	0.591	1/2	1.4
UCP305-16	1	1-49/64	6-7/8	5-3/16	1-25/32	43/64	25/32	19/32	3-11/32	1-4961	0.591	1/2	1.4
UCP306	30	50	180	140	50	17	20	18	95	43	17	M14	1.8
UCP306-17	1-1/16	1-31/32	7-3/32	5-1/2	1-31/32	43/64	25/32	23/32	3-3/4	1.6929	0.669	1/2	1.8
UCP306-18	1-1/8	1-31/32	7-3/32	5-1/2	1-31/32	43/64	25/32	23/32	3-3/4	1.6929	0.669	1/2	1.8
UCP306-19	1-3/16	1-31/32	7-3/32	5-1/2	1-31/32	43/64	25/32	23/32	3-3/4	1.6929	0.669	1/2	1.8
UCP307	35	56	210	160	56	17	25	20	106	48	19	M14	2.8
UCP307-20	1-1/4	1-13/64	8-9/32	6-5/16	2-13/64	43/64	31/32	25/32	4-3/16	1.8898	0.748	1/2	2.8
UCP307-21	1-5/16	1-13/64	8-9/32	6-5/16	2-13/64	43/64	31/32	25/32	4-3/16	1.8898	0.748	1/2	2.8
UCP307-22	1-3/8	1-13/64	8-9/32	6-5/16	2-13/64	43/64	31/32	25/32	4-3/16	1.8898	0.748	1/2	2.8
UCP307-23	1-7/16	1-13/64	8-9/32	6-5/16	2-13/64	43/64	31/32	25/32	4-3/16	1.8898	0.748	1/2	2.8
UCP308	40	60	220	170	60	17	27	22	116	52	19	M14	3
UCP308-24	1-1/2	2-23/64	8-21/32	6-11/16	2-3/8	43/64	1-11/16	7/8	4-9/16	2.0472	0.748	1/2	3
UCP308-25	1-9/16	2-23/64	8-21/32	6-11/16	2-3/8	43/64	1-11/16	7/8	4-9/16	2.0472	0.748	1/2	3
UCP309	45	67	245	190	67	20	30	24	129	57	22	M16	4.1
UCP309-26	1-5/8	2-41/64	9-21/32	7-15/32	2-5/8	25/32	1-3/16	15/16	5-3/32	2.2441	0.866	5/8	4.1
UCP309-27	1-11/16	2-41/64	9-21/32	7-15/32	2-5/8	25/32	1-3/16	15/16	5-3/32	2.2441	0.866	5/8	4.1

Unit No.	Dimensions											Bolt Size mm inch	Weight(kg)
	d	h	a	e	b	S1	S2	g	w	B	n		
UCP309-28	1-3/4	2-41/64	9-21/32	7-15/32	2-5/8	25/32	1-3/16	15/16	5-3/32	2.2441	0.866	5/8	4.1
UCP310	50	75	275	212	75	20	35	27	143	61	22	M16	5.8
UCP310-29	1-13/16	2-61/64	10-13/16	8-11/32	2-15/16	25/32	1-3/8	1-1/16	5-5/8	2.4016	0.866	5/8	5.8
UCP310-30	1-7/8	2-61/64	10-13/16	8-11/32	2-15/16	25/32	1-3/8	1-1/16	5-5/8	2.4016	0.866	5/8	5.8
UCP310-31	1-15/16	2-61/64	10-13/16	8-11/32	2-15/16	25/32	1-3/8	1-1/16	5-5/8	2.4016	0.866	5/8	5.8
UCP311	55	80	310	236	80	20	38	30	154	66	25	M16	7.4
UCP311-32	2	3-5/32	12-7/32	9-9/32	3-5/32	25/32	1-1/2	1-3/16	6-1/16	2.5984	0.984	5/8	7.4
UCP311-33	2-1/16	3-5/32	12-7/32	9-9/32	3-5/32	25/32	1-1/2	1-3/16	6-1/16	2.5984	0.984	5/8	7.4
UCP311-34	2-1/8	3-5/32	12-7/32	9-9/32	3-5/32	25/32	1-1/2	1-3/16	6-1/16	2.5984	0.984	5/8	7.4
UCP311-35	2-3/6	3-5/32	12-7/32	9-9/32	3-5/32	25/32	1-1/2	1-3/16	6-1/16	2.5984	0.984	5/8	7.4
UCP312	60	85	330	250	85	25	38	32	165	71	26	M20	9.4
UCP312-36	2-1/4	3-11/32	13	9-17/32	3-11/32	31/32	1-1/2	1-1/4	6-1/2	2.7953	1.024	3/4	9.4
UCP312-37	2-5/16	3-11/32	13	9-17/32	3-11/32	31/32	1-1/2	1-1/4	6-1/2	2.7953	1.024	3/4	9.4
UCP312-38	2-3/8	3-11/32	13	9-17/32	3-11/32	31/32	1-1/2	1-1/4	6-1/2	2.7953	1.024	3/4	9.4
UCP312-39	2-7/16	3-11/32	13	9-17/32	3-11/32	31/32	1-1/2	1-1/4	6-1/2	2.7953	1.024	3/4	9.4
UCP313	65	90	340	260	90	25	38	33	176	75	30	M20	10
UCP313-40	2-1/2	3-35/64	13-3/8	10-1/4	3-17/32	31/32	1-1/2	1-5/16	6-15/16	2.9528	1.181	3/4	10
UCP313-41	2-9/16	3-35/64	13-3/8	10-1/4	3-17/32	31/32	1-1/2	1-5/16	6-15/16	2.9528	1.181	3/4	10
UCP314	70	95	360	280	90	27	40	35	187	78	33	M22	12
UCP314-42	2-5/8	95	360	280	90	27	40	35	187	78	33	M22	12

Unit No.	Dimensions											Bolt Size mm inch	Weight (kg)
	d	h	a	e	b	S1	S2	g	w	B	n		
UCP314-43	2-11/16	3-47/64	14-3/16	11-1/32	3-17/32	1-1/16	1-9/16	1-3/8	7-3/8	3.0708	1.299	7/8	12
UCP314-44	2-3/4	3-47/64	14-3/16	11-1/32	3-17/32	1-1/16	1-9/16	1-3/8	7-3/8	3.0708	1.299	7/8	12
UCP315	75	100	380	290	100	27	40	35	198	82	32	M22	14
UCP315-45	2-13/16	3-15/16	14-31/32	11-13/32	3-15/16	1-1/16	1-9/16	1-3/8	7-25/32	3.2283	1.26	7/8	14
UCP315-46	2-7/8	3-15/16	14-31/32	11-13/32	3-15/16	1-1/16	1-9/16	1-3/8	7-25/32	3.2283	1.26	7/8	14
UCP315-47	2-15/16	3-15/16	14-31/32	11-13/32	3-15/16	1-1/16	1-9/16	1-3/8	7-25/32	3.2283	1.26	7/8	14
UCP315-48	3	3-15/16	14-31/32	11-13/32	3-15/16	1-1/16	1-9/16	1-3/8	7-25/32	3.2283	1.26	7/8	14
UCP316	80	106	400	300	110	27	40	40	210	86	34	M22	18
UCP316-49	3-1/16	4-11/64	15-3/4	11-13/16	4-11/32	1-1/16	1-9/16	1-9/16	8-9/32	3.3858	1.339	7/8	18

UCP316-50	3-1/8	4-11/64	15-3/4	11-13/16	4-11/32	1-1/16	1-9/16	1-9/16	8-9/32	3.3858	1.339	7/8	18
UCP316-51	3-3/16	4-11/64	15-3/4	11-13/16	4-11/32	1-1/16	1-9/16	1-9/16	8-9/32	3.3858	1.339	7/8	18
UCP317	85	112	420	320	110	33	45	40	220	96	40	M27	20
UCP317-52	3-1/4	4-13/32	16-17/32	12-19/32	4-11/32	1-5/16	1-25/32	1-9/16	8-21/32	3.7795	1.575	1	20
UCP317-53	3-5/16	4-13/32	16-17/32	12-19/32	4-11/32	1-5/16	1-25/32	1-9/16	8-21/32	3.7795	1.575	1	20
UCP317-55	3-7/16	4-13/32	16-17/32	12-19/32	4-11/32	1-5/16	1-25/32	1-9/16	8-21/32	3.7795	1.575	1	20
UCP318	90	118	430	330	110	33	45	45	235	96	40	M27	24
UCP318-55	3-7/16	4-41/64	16-15/16	13	4-11/32	1-5/16	1-25/32	1-25/32	9-1/4	3.7795	1.575	1	24
UCP318-56	3-1/2	4-41/64	16-15/16	13	4-11/32	1-5/16	1-25/32	1-25/32	9-1/4	3.7795	1.575	1	24
UCP319	95	125	470	360	120	36	50	45	250	103	41	M30	29
UCP319-58	3-5/8	4-59/64	18-1/2	14-3/16	4-23/32	1-13/32	1-31/32	1-25/32	9-27/32	4.0551	1.614	1-1/8	29

Unit No.	Dimensions											Bolt Size mm inch	Weight (kg)
	d	h	a	e	b	S1	S2	g	w	B	n		
<u>UCP319-59</u>	3-11/16	4-59/64	18-1/2	14-3/16	4-23/32	1-13/32	1-31/32	1-25/32	9-27/32	4.05 51	1.61 4	1-1/8	29
<u>UCP319-60</u>	3-3/4	4-59/64	18-1/2	14-3/16	4-23/32	1-13/32	1-31/32	1-25/32	9-27/32	4.05 51	1.61 4	1-1/8	29
<u>UCP320</u>	100	140	490	380	120	36	50	50	275	108	42	M30	35
<u>UCP320-64</u>	4	5-33/64	19-9/32	14-31/32	4-23/32	1-13/32	1-31/32	1-31/32	10-53/64	4.25 2	1.65 36	1-1/8	34.9
<u>UCP322</u>	110	150	520	400	140	40	55	55	300	117	46	M33	45
<u>UCP322</u>	110	5-29/32	20-15/32	15-3/4	55-33/32	1-9/16	2-5/32	2-5/32	11-13/16	4.60 63	1.81 1	M33	45
<u>UCP324</u>	120	160	570	450	140	40	55	65	320	126	51	M33	55
<u>UCP324</u>	120	6-19/64	22-7/16	17-23/32	5-33/64	1-9/16	2-5/32	2-21/32	12-19/32	4.96 06	2.00 79	M33	55
<u>UCP326</u>	130	180	600	480	140	40	55	75	355	135	54	M33	72
<u>UCP326</u>	130	7-3/32	23-5/8	18-29/32	5-33/64	1-9/16	2-5/32	2-61/64	13-31/32	5.31 5	2.12 6	M33	72
<u>UCP328</u>	140	200	620	500	140	40	55	75	390	145	59	M33	89
<u>UCP328</u>	140	7-7/8	24-13/32	19-11/16	5-33/64	1-9/16	2-5/32	2-61/64	15-23/64	5.70 87	2.32 28	M33	89