



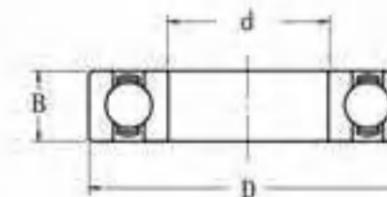
DEEP GROOVE BALL BEARINGS

Deep groove ball bearings are the most common type of rolling bearings. Their use is very widespread. They are highly suitable for applications where high speeds and low power loss are required. In addition to open type bearings, these bearings often have steel shields(Z, ZZ) or rubber seals(RS, 2RS) installed on one or both sides. Also, snap rings are sometimes used on the periphery (N). As to cages, pressed steel ones are the most common.



DEEP GROOVE BALL BEARINGS

Seal type: Z, ZZ, RS, 2RS

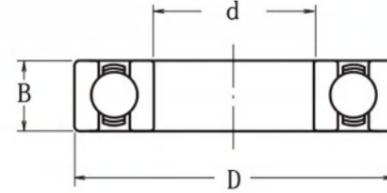


Bearing NO.	Dimensions (mm)			Weight (kg)
	d	D	B	
6000 Series				
603	3	9	3	0.0014
604	4	12	4	0.0021
605	5	14	5	0.0035
606	6	17	6	0.0059
607	7	19	6	0.0075
608	8	22	7	0.0120
609	9	24	7	0.0140
6000	10	26	8	0.018
6001	12	28	8	0.022
6002	15	32	9	0.030
6003	17	35	10	0.040
6004	20	42	12	0.07
6005	25	47	12	0.08
6006	30	55	13	0.12
6007	35	62	14	0.15
6008	40	68	15	0.19
6009	45	75	16	0.23
6010	50	80	16	0.26
6011	55	90	18	0.38
6012	60	95	18	0.41
6013	65	100	18	0.44
6014	70	110	20	0.57
6015	75	115	20	0.64
6016	80	125	22	0.83
6017	85	130	22	0.91
6018	90	140	24	1.16
6019	95	145	24	1.20
6020	100	150	24	1.25
6021	105	160	26	1.58
6022	110	170	28	1.94
6024	120	180	28	2.05
6026	130	200	33	3.08
6028	140	210	33	3.48
6030	150	225	35	4.24
6032	160	245	38	5.90
6034	170	260	42	7.90
6036	180	280	46	10.50
6038	190	290	46	11.00
6040	200	310	51	12.00

Bearing NO.	Dimensions (mm)			Weight (kg)
	d	D	B	
6200 Series				
623	3	10	4	0.0015
624	4	13	5	0.0031
625	5	16	5	0.0050
626	6	19	6	0.0084
627	7	22	7	0.0130
628	8	24	8	0.0170
629	9	26	8	0.0290
6200	10	30	9	0.032
6201	12	32	10	0.037
6202	15	35	11	0.045
6203	17	40	12	0.067
6204	20	47	14	0.11
6205	25	52	15	0.13
6206	30	62	16	0.20
6207	35	72	17	0.28
6208	40	80	18	0.37
6209	45	85	19	0.42
6210	50	90	20	0.46
6211	55	100	21	0.62
6212	60	110	22	0.78
6213	65	120	23	1.00
6214	70	125	24	1.09
6215	75	130	25	1.19
6216	80	140	26	1.42
6217	85	150	28	1.76
6218	90	160	30	2.18
6219	95	170	32	2.64
6220	100	180	34	3.17
6221	105	190	36	3.79
6222	110	200	38	4.45
6224	120	215	40	5.29
6226	130	230	40	5.96
6228	140	250	42	7.68
6230	150	270	45	10.00
6232	160	290	48	12.80
6234	170	310	52	15.80
6236	180	320	52	19.00
6238	190	340	55	22.30
6240	200	360	58	26.70

DEEP GROOVE BALL BEARINGS

Seal type: Z, ZZ, RS, 2RS

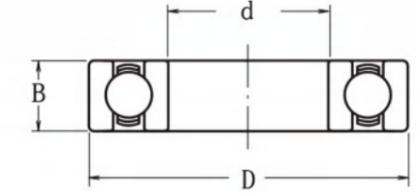


Bearing NO.	Dimensions (mm)			Weight (kg)
	d	D	B	
6300 Series				
633	3	13	5	0.0033
634	4	16	5	0.0054
635	5	19	6	0.0090
636	6	22	7	0.0139
637	7	26	9	0.0242
638	8	28	9	0.0281
639	9	30	10	0.0362
6300	10	35	11	0.053
6301	12	37	12	0.059
6302	15	42	13	0.082
6303	17	47	14	0.109
6304	20	52	15	0.14
6305	25	62	17	0.23
6306	30	72	19	0.34
6307	35	80	21	0.45
6308	40	90	23	0.64
6309	45	100	25	0.83
6310	50	110	27	1.05
6311	55	120	29	1.35
6312	60	130	31	1.67
6313	65	140	33	2.08
6314	70	150	35	2.55
6315	75	160	37	3.02
6316	80	170	39	3.66
6317	85	180	41	4.22
6318	90	190	43	4.91
6319	95	200	45	5.65
6320	100	215	47	7.20
6321	105	225	49	7.84
6322	110	240	50	9.22
6324	120	260	55	14.78
6326	130	280	58	16.52
6328	140	300	62	18.50
6330	150	320	65	22.70
6332	160	340	68	26.20
6334	170	360	72	36.60
6336	180	380	75	43.10
6338	190	400	78	49.70
6340	200	420	80	55.30

Bearing NO.	Dimensions (mm)			Weight (kg)
	d	D	B	
6400 Series				
6403	17	62	17	0.244
6404	20	72	19	0.40
6405	25	80	21	0.53
6406	30	90	23	0.72
6407	35	100	25	0.92
6408	40	110	27	1.17
6409	45	120	29	1.57
6410	50	130	31	1.88
6411	55	140	33	2.25
6412	60	150	35	2.80
6413	65	160	37	3.44
6414	70	180	42	5.00
6415	75	190	45	5.57
6416	80	200	48	6.64
6417	85	210	52	8.13
6418	90	225	54	9.80
6419	95	240	55	12.80
6420	100	250	58	13.40
16000 Series				
16000	10	26	7	0.019
16001	12	28	7	0.022
16002	15	32	8	0.025
16003	17	35	8	0.033
16004	20	42	8	0.045
16005	25	47	8	0.06
16006	30	55	9	0.09
16007	35	62	9	0.11
16008	40	68	9	0.13
16009	45	75	10	0.17
16010	50	80	10	0.18
16011	55	90	11	0.26
16012	60	95	11	0.28
16013	65	100	11	0.30
16014	70	110	13	0.43
16015	75	115	13	0.58
16016	80	125	14	0.60
16017	85	130	14	0.64
16018	90	140	16	0.85
16019	95	145	16	0.89

DEEP GROOVE BALL BEARINGS

Seal type: Z, ZZ, RS, 2RS



Bearing NO.	Dimensions (mm)			Weight (kg)
	d	D	B	
16020	100	150	16	0.95
16021	105	160	18	1.23
16022	110	170	19	1.47
16024	120	180	19	1.55
16026	130	200	22	2.32
16028	140	210	22	2.49
16030	150	225	24	2.62
16032	160	240	25	4.25
16034	170	260	28	5.62
16036	180	280	31	6.83
16038	190	290	31	7.32
16040	200	310	34	8.50
61700 series				
61700	10	15	4	0.0015
61701	12	18	4	0.003
61702	15	21	4	0.0035
61703	17	23	4	0.004
61704	20	27	4	0.005
61705	25	32	4	0.006
61706	30	37	4	0.008
61707	35	44	5	0.015
61708	40	50	6	0.023
61709	45	55	6	0.025
61710	50	62	6	0.034
61711	55	68	7	0.055
61800 series				
683	3	7	2	0.0003
684	4	9	2.5	0.0007
685	5	11	3	0.0012
686	6	13	3.5	0.0020
687	7	14	3.5	0.0022
688	8	16	4	0.0030
689	9	17	4	0.0034
61800	10	19	5	0.005
61801	12	21	5	0.006
61802	15	24	5	0.007
61803	17	26	5	0.007
61804	20	32	7	0.017
61805	25	37	7	0.021
61806	30	42	7	0.024

Bearing NO.	Dimensions (mm)			Weight (kg)
	d	D	B	
61807	35	47	7	0.027
61808	40	52	7	0.031
61809	45	58	7	0.038
61810	50	65	7	0.05
61811	55	72	9	0.08
61812	60	78	10	0.10
61813	65	85	10	0.13
61814	70	90	10	0.13
61815	75	95	10	0.15
61816	80	100	10	0.15
61817	85	110	13	0.26
61818	90	115	13	0.28
61819	95	120	13	0.30
61820	100	125	13	0.31
61821	105	130	13	0.32
61822	110	140	16	0.50
61824	120	150	16	0.54
61826	130	165	18	0.76
61828	140	175	18	0.83
61830	150	190	20	1.15
61832	160	200	20	1.23
61834	170	215	22	1.86
61836	180	225	22	1.98
61838	190	240	24	2.53
61840	200	250	24	2.67
61900 series				
693	3	8	3	0.0006
694	4	11	4	0.0017
695	5	13	4	0.0025
696	6	15	5	0.0039
697	7	17	5	0.0049
698	8	19	6	0.0071
699	9	20	6	0.0076
61900	10	22	6	0.009
61901	12	24	6	0.010
61902	15	28	7	0.015
61903	17	30	7	0.017
61904	20	37	9	0.037
61905	25	42	9	0.04
61906	30	47	9	0.05



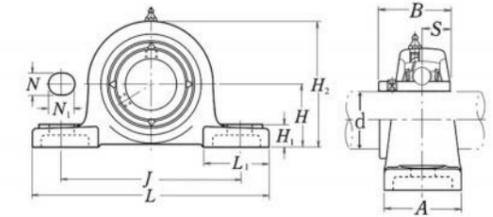
PILLOW BLOCK BEARINGS

The pillow block bearing units is a combination of a radial ball bearing, seal, and a housing of cast iron or pressed steel, which comes in various shapes, such as UCP, UCF, UCFL, UCT, UCFC, UCPH, UCPA, UCFA, UCFB, UCHA etc. The outer surface of the bearing and the internal surface of the housing are spherical, so that the unit is self-aligning.



PILLOW BLOCK BEARINGS

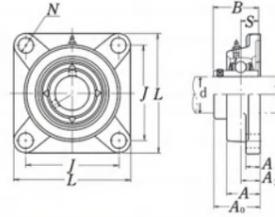
UCP Series



Unit No.	Dimensions (mm, inch)										Weight (kg)
	d	H	L	J	A	N	N1	H1	H2	B	
UCP201	12mm	30.2	127	95	38	13	19	14	62	31	0.66
UCP202	15 mm	30.2	127	95	38	13	19	14	62	31	0.66
UCP203	17 mm	30.2	127	95	38	13	19	14	62	31	0.66
UCP204	20 mm	33.3	127	95	38	13	19	14	75	31	0.70
UCP204-12	3/4 in	33.3	127	95	38	13	19	14	75	31	0.70
UCP205	25 mm	36.5	140	105	38	13	19	15	71	34.1	0.75
UCP205-16	1 in	36.5	140	105	38	13	19	15	71	34.1	0.75
UCP206	30 mm	42.9	160	121	45	17	20	17	82	38.1	1.20
UCP206-18	1-1/8 in	42.9	160	121	45	17	20	17	82	38.1	1.20
UCP207	35 mm	47.6	167	127	48	17	20	18	93	42.9	1.50
UCP207-20	1-1/4 in	47.6	167	127	48	17	20	18	93	42.9	1.50
UCP208	40 mm	49.2	183	137	52	17	20	18	98	49.2	1.90
UCP208-24	1-1/2 in	49.2	183	137	52	17	20	18	98	49.2	1.90
UCP209	45 mm	54	190	146	53	17	20	20	105	49.2	2.05
UCP209-28	1-3/4 in	54	190	146	53	17	20	20	105	49.2	2.05
UCP210	50 mm	57.2	205	159	58	20	23	21	113	51.6	2.60
UCP210-30	1-7/8 in	57.2	205	159	58	20	23	21	113	51.6	2.60
UCP211	55 mm	63.5	218	171	58	20	23	23	123	55.6	3.45
UCP211-32	2 in	63.5	218	171	58	20	23	23	123	55.6	3.45
UCP212	60 mm	69.8	240	184	67	20	23	25	136	65.1	4.50
UCP212-36	2-1/4 in	69.8	240	184	67	20	23	25	136	65.1	4.50
UCP213	65 mm	76.2	263	203	67	25	28	27	147	65.1	5.20
UCP213-40	2-1/2 in	76.2	263	203	67	25	28	27	147	65.1	5.20
UCP214	70 mm	79.4	265	210	70	25	28	27	154	74.6	6.00
UCP214-44	2-3/4 in	79.4	265	210	70	25	28	27	154	74.6	6.00
UCP215	75 mm	82.6	274	217	72	25	28	28	160	77.8	7.00
UCP215-48	3 in	82.6	274	217	72	25	28	28	160	77.8	7.00
UCP216	80 mm	88.9	290	232	76	25	28	30	172	82.6	8.10
UCP217	85 mm	95.2	308	247	81	25	28	32	184	85.7	9.80
UCP218	90 mm	101.6	325	262	86	27	30	33	196	96	11.60

PILLOW BLOCK BEARINGS

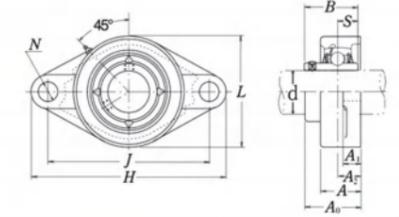
UCF Series



Unit No.	Dimensions (mm, inch)										Weight (kg)
	d	L	J	A2	A1	A	A0	N	S	B	
UCF201	12mm	85	64	15	12	25.5	33.3	12	12.7	31	0.60
UCF202	15mm	85	64	15	12	25.5	33.3	12	12.7	31	0.60
UCF203	17mm	85	64	15	12	25.5	33.3	12	12.7	31	0.60
UCF204	20mm	85	64	15	12	25.5	33.3	12	12.7	31	0.60
UCF204-12	3/4 in	85	64	15	12	25.5	33.3	12	12.7	31	0.60
UCF205	25mm	95	70	16	14	27	35.8	12	14.3	34.1	0.80
UCF205-16	3/4 in	95	70	16	14	27	35.8	12	14.3	34.1	0.80
UCF206	30mm	108	83	18	14	31	40.2	12	15.9	38.1	1.05
UCF206-18	1-1/8 in	108	83	18	14	31	40.2	12	15.9	38.1	1.05
UCF207	35mm	117	92	19	16	34	44.4	14	17.5	42.9	1.45
UCF207-20	1-1/4 in	117	92	19	16	34	44.4	14	17.5	42.9	1.45
UCF208	40mm	130	102	21	16	36	51.2	16	19	49.2	1.84
UCF208-24	1-1/2 in	130	102	21	16	36	51.2	16	19	49.2	1.84
UCF209	45mm	137	105	22	18	38	52.2	16	19	49.2	2.15
UCF209-28	1-3/4 in	137	105	22	18	38	52.2	16	19	49.2	2.15
UCF210	50mm	143	111	22	18	40	54.6	16	19	51.6	2.45
UCF210-30	1-7/8 in	143	111	22	18	40	54.6	16	19	51.6	2.45
UCF211	55mm	162	130	25	20	43	58.4	19	22.2	55.6	3.10
UCF211-32	2 in	162	130	25	20	43	58.4	19	22.2	55.6	3.10
UCF212	60mm	175	143	29	20	48	68.7	19	25.4	65.1	4.15
UCF212-36	2-1/4 in	175	143	29	20	48	68.7	19	25.4	65.1	4.15
UCF213	65mm	187	149	30	22	50	69.7	19	25.4	65.1	5.00
UCF213-40	2-1/2 in	187	149	30	22	50	69.7	19	25.4	65.1	5.00
UCF214	70mm	193	152	31	22	54	75.4	19	30.2	74.6	5.60
UCF214-44	2-3/4 in	193	152	31	22	54	75.4	19	30.2	74.6	5.60
UCF215	75mm	200	159	34	22	56	78.5	19	33.3	77.8	6.90
UCF215-48	3 in	200	159	34	22	56	78.5	19	33.3	77.8	6.90
UCF216	80mm	208	165	34	22	58	83.3	23	33.3	82.6	7.50
UCF217	85mm	220	175	36	24	63	87.6	23	34.1	85.7	9.60
UCF218	90mm	235	187	40	24	68	96.3	23	39.7	96	12.10

PILLOW BLOCK BEARINGS

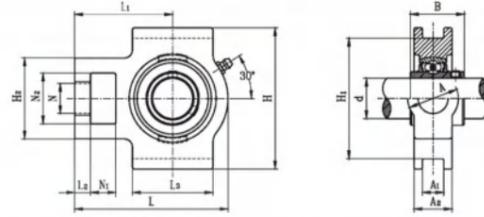
UCFL Series



Unit No.	Dimensions (mm, inch)											Weight (kg)
	d	H	J	A2	A1	A	N	L	A0	B	S	
UCFL201	12mm	113	90	15	11	25.5	12	60	33.3	31	12.7	0.40
UCFL202	15 mm	113	90	15	11	25.5	12	60	33.3	31.0	12.7	0.40
UCFL203	17 mm	113	90	15	11	25.5	12	60	33.3	31.0	12.7	0.40
UCFL204	20 mm	113	90	15	12	25.5	12	60	33.3	31.0	12.7	0.40
UCFL204-12	0.75 in	113	90	15	12	25.5	12	60	33.3	31.0	12.7	0.40
UCFL205	25 mm	130	99	16	13	27	16	68	35.8	34.1	14.3	0.60
UCFL205-16	1 in	130	99	16	13	27	16	68	35.8	34.1	14.3	0.60
UCFL206	30 mm	148	117	18	13	31	16	80	40.2	38.1	15.9	0.85
UCFL206-18	1-1/8 in	148	117	18	13	31	16	80	40.2	38.1	15.9	0.85
UCFL207	35 mm	161	130	19	14	34	16	90	44.4	42.9	17.5	1.10
UCFL207-20	1-1/4 in	161	130	19	14	34	16	90	44.4	42.9	17.5	1.10
UCFL208	40 mm	175	144	21	14	36	16	100	51.2	49.2	19	1.40
UCFL208-24	1-1/2 in	175	144	21	14	36	16	100	51.2	49.2	19	1.40
UCFL209	45 mm	188	148	22	15	38	19	108	52.2	49.2	19	1.70
UCFL209-28	1-3/4 in	188	148	22	15	38	19	108	52.2	49.2	19	1.70
UCFL210	50 mm	197	157	22	15	40	19	115	54.6	51.6	19	2.10
UCFL210-30	1-7/8 in	197	157	22	15	40	19	115	54.6	51.6	19	2.10
UCFL211	55 mm	224	184	25	18	43	19	130	58.4	55.6	22.2	3.00
UCFL211-32	2 in	224	184	25	18	43	19	130	58.4	55.6	22.2	3.00
UCFL212	60 mm	250	202	29	18	48	23	140	68.7	65.1	25.4	3.70
UCFL212-36	2-1/4 in	250	202	29	18	48	23	140	68.7	65.1	25.4	3.70
UCFL213	65 mm	258	210	30	22	50	23	155	69.7	65.1	25.4	4.50
UCFL213-40	2-1/2 in	258	210	30	22	50	23	155	69.7	65.1	25.4	4.50
UCFL214	70 mm	265	216	31	22	54	23	160	75.4	74.6	30.2	5.10
UCFL214-44	2-3/4 in	265	216	31	22	54	23	160	75.4	74.6	30.2	5.10
UCFL215	75 mm	275	225	34	22	56	23	165	78.5	77.8	33.3	5.30
UCFL215-48	3 in	275	225	34	22	56	23	165	78.5	77.8	33.3	5.30
UCFL216	80 mm	290	233	34	22	58.0	25	180	83.3	82.6	33.3	7.20
UCFL217	85 mm	305	248	36	24	63.0	25	190	87.6	85.7	34.1	8.40
UCFL218	90 mm	320	265	40	24	68.0	25	205	96.3	96.0	39.7	10.50

PILLOW BLOCK BEARINGS

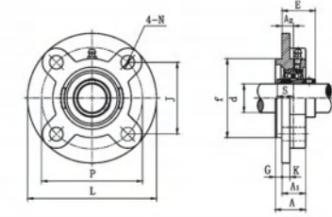
UCT Series



Unit No.	Dimensions (mm, inch)															Weight (kg)
	d	N1	L2	H2	N2	N	L3	A1	H1	H	L	A2	L1	B	A	
UCT201	12 mm	16	10	51	32	19	51	12	76	89	94	21	61	31	32	0.75
UCT202	15 mm	16	10	51	32	19	51	12	76	89	94	21	61	31	32	0.75
UCT203	17 mm	16	10	51	32	19	51	12	76	89	94	21	61	31	32	0.75
UCT204	20 mm	16	10	51	32	19	51	12	76	89	94	21	61	31	32	0.78
UCT204-12	3/4 in	16	10	51	32	19	51	12	76	89	94	21	61	31	32	0.78
UCT205	25 mm	16	10	51	32	19	51	12	76	89	97	24	62	34	32	0.82
UCT205-16	1 in	16	10	51	32	19	51	12	76	89	97	24	62	34	32	0.82
UCT206	30 mm	16	10	56	37	22	57	12	89	102	113	28	70	38	37	1.22
UCT206-18	1-1/8 in	16	10	56	37	22	57	12	89	102	113	28	70	38	37	1.22
UCT207	35 mm	16	13	64	37	22	64	12	89	102	129	30	78	43	37	1.44
UCT207-20	1-1/4 in	16	13	64	37	22	64	12	89	102	129	30	78	43	37	1.44
UCT208	40 mm	19	16	83	49	29	83	16	102	114	144	33	89	49	49	2.40
UCT208-24	1-1/2 in	19	16	83	49	29	83	16	102	114	144	33	89	49	49	2.40
UCT209	45 mm	19	16	83	49	29	83	16	102	117	144	35	87	49	49	2.42
UCT209-28	1-3/4 in	19	16	83	49	29	83	16	102	117	144	35	87	49	49	2.42
UCT210	50 mm	19	16	83	49	29	86	16	102	117	149	37	90	52	49	2.46
UCT210-30	1-7/8 in	19	16	83	49	29	86	16	102	117	149	37	90	52	49	2.46
UCT211	55 mm	25	19	102	64	35	95	22	130	146	171	38	106	56	64	4.16
UCT211-32	2 in	25	19	102	64	35	95	22	130	146	171	38	106	56	64	4.16
UCT212	60 mm	32	19	102	64	35	102	22	130	146	194	42	119	65	64	4.98
UCT212-36	2-1/4 in	32	19	102	64	35	102	22	130	146	194	42	119	65	64	4.98
UCT213	65 mm	32	21	111	70	41	121	26	151	167	224	44	137	65	70	6.69
UCT213-40	2-1/2 in	32	21	111	70	41	121	26	151	167	224	44	137	65	70	6.69
UCT214	70 mm	32	21	111	70	41	121	26	151	167	224	46	137	75	70	7.13
UCT214-44	2-3/4 in	32	21	111	70	41	121	26	151	167	224	46	137	75	70	7.13
UCT215	75 mm	32	21	111	70	41	121	26	151	167	232	48	140	78	70	7.47
UCT215-48	3 in	32	21	111	70	41	121	26	151	167	232	48	140	78	70	7.47
UCT216	80 mm	32	21	111	70	41	121	26	165	184	235	51	140	83	70	8.33
UCT217	85 mm	38	29	124	73	48	157	30	173	198	260	54	162	86	73	11.02

PILLOW BLOCK BEARINGS

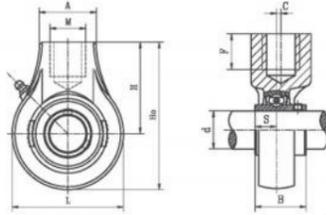
UCFC Series



Unit No.	Dimensions (mm, inch)													Weight (kg)
	d	L	P	J	A2	A1	A	N	G	K	f	E	S	
UCFC201	12mm	100	78	55.1	10	20.5	25.5	12	5	7	62	28.3	12.7	0.72
UCFC202	15mm	100	78	55.1	10	20.5	25.5	12	5	7	62	28.3	12.7	0.72
UCFC203	17mm	100	78	55.1	10	20.5	25.5	12	5	7	62	28.3	12.7	0.70
UCFC204	20mm	100	78	55.1	10	20.5	25.5	12	5	7	62	28.3	12.7	0.69
UCFC204-12	3/4 in	100	78	55.1	10	20.5	25.5	12	5	7	62	28.3	12.7	0.69
UCFC205	25mm	115	90	63.6	10	21	27	12	6	7	70	29.8	14.3	1.01
UCFC205-16	1 in	115	90	63.6	10	21	27	12	6	7	70	29.8	14.3	1.01
UCFC206	30mm	125	100	70.7	10	23	31	12	8	8	80	32.2	15.9	1.30
UCFC206-18	1-1/8 in	125	100	70.7	10	23	31	12	8	8	80	32.2	15.9	1.30
UCFC207	35mm	135	110	77.8	11	26	34	14	8	9	90	36.4	17.5	1.82
UCFC207-20	1-1/4 in	135	110	77.8	11	26	34	14	8	9	90	36.4	17.5	1.82
UCFC208	40mm	145	120	84.8	11	26	36	14	10	9	100	41.2	19	2.15
UCFC208-24	1-1/2 in	145	120	84.8	11	26	36	14	10	9	100	41.2	19	2.15
UCFC209	45mm	160	132	93.3	10	26	38	16	12	14	105	40.2	19	2.72
UCFC209-28	1-3/4 in	160	132	93.3	10	26	38	16	12	14	105	40.2	19	2.72
UCFC210	50mm	165	138	97.6	10	28	40	16	12	14	110	42.6	19	3.00
UCFC210-30	1-7/8 in	165	138	97.6	10	28	40	16	12	14	110	42.6	19	3.00
UCFC211	55mm	185	150	106	13	31	42	19	12	15	125	46.4	22.2	3.90
UCFC211-32	2 in	185	150	106	13	31	42	19	12	15	125	46.4	22.2	3.90
UCFC212	60mm	195	160	113	17	36	48	19	12	15	135	56.7	25.4	4.40
UCFC212-36	2-1/4 in	195	160	113	17	36	48	19	12	15	135	56.7	25.4	4.40
UCFC213	65mm	205	170	120	16	36	49	19	14	15	145	55.7	25.4	5.30
UCFC213-40	2-1/2 in	205	170	120	16	36	49	19	14	15	145	55.7	25.4	5.30
UCFC214	70mm	215	177	125	17	40	52	19	14	18	150	61.4	30.2	6.80
UCFC214-44	2-3/4 in	215	177	125	17	40	52	19	14	18	150	61.4	30.2	6.80
UCFC215	75mm	220	184	130	18	40	55	19	16	18	160	62.5	33.3	7.40
UCFC215-48	3 in	220	184	130	18	40	55	19	16	18	160	62.5	33.3	7.40
UCFC216	80mm	240	200	141	18	42	58	23	16	18	170	67.3	33.3	9.17
UCFC217	85mm	250	208	147	18	45	63	23	18	20	180	69.6	34.1	10.60
UCFC218	90mm	265	220	156	22	50	68	23	18	20	190	78.3	39.7	12.60

PILLOW BLOCK BEARINGS

UCHA Series



Unit No.	Dimensions (mm, inch)										weight (kg)
	d	H	H0	L	C	A	M	F	B	S	
UCHA201	12	64	96	64	0	40	G-3/4	19	31	12.7	0.72
UCHA202	15	64	96	64	0	40	G-3/4	19	31	12.7	0.72
UCHA203	17	64	96	64	0	40	G-3/4	19	31	12.7	0.72
UCHA204	20	64	96	64	0	40	G-3/4	19	31	12.7	0.72
UCHA205	25	64	103	78	0	40	G-3/4	19	34.1	14.3	0.83
UCHA205-16	1	64	103	78	0	40	G-3/4	19	34.1	14.3	0.83
UCHA206	30	64	103	78	0	40	G-3/4	19	38.1	15.9	0.85
UCHA206-18	1-1/8	64	103	78	0	40	G-3/4	19	38.1	15.9	0.85
UCHA207	35	70	116	92	0	40	G-3/4	19	42.9	17.5	1.16
UCHA207-20	1-1/4	70	116	92	0	40	G-3/4	19	42.9	17.5	1.16
UCHA208	40	73	121	96	2	40	G-3/4	19	49.2	19	1.35
UCHA208-24	1-1/2	73	121	96	2	40	G-3/4	19	49.2	19	1.35
UCHA209	45	82	136	108	5	48	G-1	21	49.2	19	1.94
UCHA209-28	1-3/4	82	136	108	5	48	G-1	21	49.2	19	1.94
UCHA210	50	83	142	118	5	48	G-1	21	51.6	19	1.97
UCHA210-30	1-7/8	83	142	118	5	48	G-1	21	51.6	19	1.97
UCHA211	55	87	150	126	7	60	G1-1/4	25	55.6	22.2	2.62
UCHA211-32	2	87	150	126	7	60	G1-1/4	25	55.6	22.2	2.62
UCHA212	60	102	173	142	9	60	G1-1/4	28	65.1	25.4	3.52
UCHA212-36	2-1/4	102	173	142	9	60	G1-1/4	28	65.1	25.4	3.52
UCHA213	65	117	200	166	9.5	70	G1-1/2	32	65.1	25.4	5.80
UCHA213-40	2-1/2	117	200	166	9.5	70	G1-1/2	32	65.1	25.4	5.80
UCHA214	70	117	200	166	9.5	70	G1-1/2	32	74.6	30.2	5.67
UCHA214-44	2-3/4	117	200	166	9.5	70	G1-1/2	32	74.6	30.2	5.67
UCHA215	75	117	200	166	9.5	70	G1-1/2	32	77.8	33.3	5.58
UCHA215-48	3	117	200	166	9.5	70	G1-1/2	32	77.8	33.3	5.58



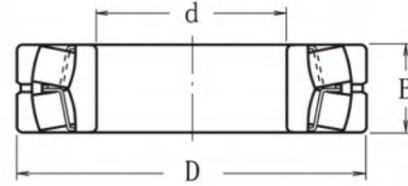
SPHERICAL ROLLER BEARINGS

These bearings have barrel-shaped rollers between the inner ring, which has two raceways, and the outer ring which has one spherical raceway. They have excellent radial load-carrying capacity and are suitable for use where there are heavy or impact loads. Some bearings have tapered bores (K) and may be mounted directly on tapered shafts or cylindrical shafts using adapters or withdrawal sleeves. Pressed steel (CC, E) and machined brass (CA, MB) cages are used.



SPHERICAL ROLLER BEARINGS

Cage type: CA, CC, MB, E

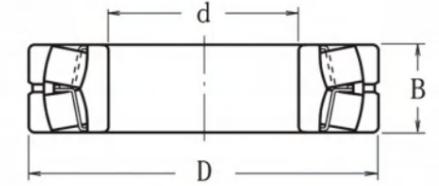


Bearing NO.	Dimensions(mm)			Weight (kg)
	d	D	B	
21300 series				
21305	25	62	17	0.26
21306	30	72	19	0.39
21307	35	80	21	0.53
21308	40	90	23	0.74
21309	45	100	25	0.98
21310	50	110	27	1.25
21311	55	120	29	1.64
21312	60	130	31	2.04
21313	65	140	33	2.53
21314	70	150	35	3.04
21315	75	160	37	3.67
21316	80	170	39	4.36
21317	85	180	41	5.17
21318	90	190	43	6.05
21319	95	200	45	6.92
21320	100	215	47	9.14
21322	110	240	50	11.60
22200 series				
22205	25	52	18	0.17
22206	30	62	20	0.29
22207	35	72	23	0.43
22208	40	80	23	0.55
22209	45	85	23	0.59
22210	50	90	23	0.64
22211	55	100	25	0.88
22212	60	110	28	1.19
22213	65	120	31	1.60
22214	70	125	31	1.68
22215	75	130	31	1.75
22216	80	140	33	2.12
22217	85	150	36	2.79
22218	90	160	40	3.78
22219	95	170	43	4.31
22220	100	180	46	5.06
22222	110	200	53	7.40
22224	120	215	58	9.27
22226	130	230	64	11.50
22228	140	250	68	14.50

Bearing NO.	Dimensions(mm)			Weight (kg)
	d	D	B	
22230	150	270	73	18.40
22232	160	290	80	22.30
22234	170	310	86	28.70
22236	180	320	86	30.50
22238	190	340	92	35.55
22240	200	360	98	44.70
22244	220	400	108	63.00
22248	240	440	120	83.20
22252	260	480	130	105.00
22256	280	500	130	113.00
22260	300	540	140	135.00
22300 series				
22308	40	90	33	0.96
22309	45	100	36	1.28
22310	50	110	40	1.69
22311	55	120	43	2.16
22312	60	130	46	2.72
22313	65	140	48	3.34
22314	70	150	51	4.04
22315	75	160	55	4.96
22316	80	170	58	5.91
22317	85	180	60	6.72
22318	90	190	64	8.06
22319	95	200	67	9.29
22320	100	215	73	12.20
22322	110	240	80	17.00
22324	120	260	86	22.60
22326	130	280	93	28.10
22328	140	300	102	35.50
22330	150	320	108	41.50
22332	160	340	114	49.40
22334	170	360	120	57.90
22336	180	380	126	67.00
22338	190	400	132	78.10
22340	200	420	138	92.60
22344	220	460	145	116.00
22348	240	500	155	147.00
22352	260	540	165	180.00
22356	280	580	175	221.00

SPHERICAL ROLLER BEARINGS

Cage type: CA, CC, MB, E



Bearing NO.	Dimensions(mm)			Weight (kg)
	d	D	B	
23000 series				
23020	100	150	37	2.31
23022	110	170	45	3.76
23024	120	180	46	4.11
23026	130	200	52	5.98
23028	140	210	53	6.49
23030	150	225	45	7.90
23032	160	240	60	9.66
23034	170	260	67	13.00
23036	180	280	74	17.10
23038	190	290	75	17.60
23040	200	310	82	22.60
23044	220	340	90	29.70
23048	240	360	92	32.60
23052	260	400	104	46.60
23056	280	420	106	50.50
23060	300	460	118	70.50
23064	320	480	121	75.60
23068	340	520	133	101.00
23072	360	540	134	106.00
23076	380	560	135	113.00
23080	400	600	148	146.00
23084	420	620	150	151.00
23088	440	650	157	173.00
23092	460	680	163	201.00
23096	480	700	165	211.00
23100 series				
23120	100	165	52	4.38
23122	110	180	56	5.70
23124	120	200	62	7.84
23126	130	210	64	8.68
23128	140	225	68	10.50
23130	150	250	80	15.80
23132	160	270	86	20.30
23134	170	280	88	21.80
23136	180	300	96	27.50
23138	190	320	104	34.50
23140	200	340	112	42.60
23144	220	370	120	53.00

Bearing NO.	Dimensions(mm)			Weight (kg)
	d	D	B	
23148	240	400	128	66.90
23152	260	440	144	88.20
23156	280	460	146	94.30
23160	300	500	160	125.00
23164	320	540	176	162.00
23168	340	580	190	206.00
23172	360	600	243	217.00
23176	380	620	194	229.00
23180	400	650	200	257.00
23184	420	700	224	341.00
23188	440	720	226	360.00
23192	460	760	240	423.00
23196	480	790	248	475.00
23200 series				
23218	90	160	52.4	4.51
23220	100	180	60.3	6.58
23222	110	200	69.8	9.54
23224	120	215	76	12.10
23226	130	230	80	14.30
23228	140	250	88	18.80
23230	150	270	96	24.20
23232	160	290	104	30.50
23234	170	310	110	36.40
23236	180	320	112	38.90
23238	190	340	120	47.60
23240	200	360	128	57.10
23244	220	400	144	80.40
23248	240	440	160	106.00
23252	260	480	174	137.00
23256	280	500	176	147.00
23260	300	540	192	189.00
23264	320	580	208	239.00
23268	340	620	224	295.00
23272	360	650	232	342.00
23276	380	680	240	372.00
23280	400	720	256	449.00
23284	420	760	272	534.00
23288	440	790	280	593.00
23292	460	830	296	691.00

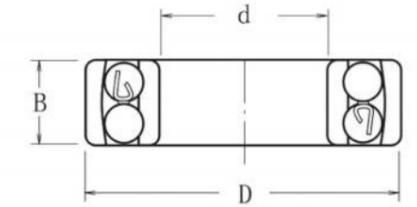


SELF-ALIGNING BALL BEARINGS

The inner ring of this type of bearing has two raceways and the outer ring has a single spherical raceway with its center of curvature coincident with the bearing axis. Therefore, the axis of the inner ring, balls, and cage can deflect to some extent around the bearing center. Consequently, minor angular misalignment of the shaft and housing caused by machining or mounting error is automatically corrected. This type of bearing often has a tapered bore for mounting using an adapter sleeve.



SELF-ALIGNING BALL BEARINGS



Bearing NO.	Dimensions (mm)			Weight (kg)
	d	D	B	
1200 Series				
1200	10	30	9	0.033
1201	12	32	10	0.040
1202	15	35	11	0.049
1203	17	40	12	0.072
1204	20	47	14	0.116
1205	25	52	15	0.14
1206	30	62	16	0.22
1207	35	72	17	0.32
1208	40	80	18	0.41
1209	45	85	19	0.46
1210	50	90	20	0.52
1211	55	100	21	0.69
1212	60	110	22	0.88
1213	65	120	23	1.13
1214	70	125	24	1.24
1215	75	130	25	1.33
1216	80	140	26	1.65
1217	85	150	28	2.06
1218	90	160	30	2.51
1219	95	170	32	3.10
1220	100	180	34	3.70
1300 Series				
1300	10	35	11	0.057
1301	12	37	12	0.066
1302	15	42	13	0.092
1303	17	47	14	0.128
1304	20	52	15	0.164
1305	25	62	17	0.26
1306	30	72	19	0.38
1307	35	80	21	0.50
1308	40	90	23	0.71
1309	45	100	25	0.95
1310	50	110	27	1.20
1311	55	120	29	1.58
1312	60	130	31	1.96
1313	65	140	33	2.42
1314	70	150	35	2.99
1315	75	160	37	3.55
1316	80	170	39	4.17
1317	85	180	41	4.96
1318	90	190	43	5.78
1319	95	200	45	6.69
1320	100	215	47	8.30

Bearing NO.	Dimensions (mm)			Weight (kg)
	d	D	B	
2200 Series				
2200	10	30	14	0.042
2201	12	32	14	0.048
2202	15	35	14	0.055
2203	17	40	16	0.085
2204	20	47	18	0.152
2205	25	52	18	0.19
2206	30	62	20	0.26
2207	35	72	23	0.44
2208	40	80	23	0.53
2209	45	85	23	0.55
2210	50	90	23	0.62
2211	55	100	25	0.82
2212	60	110	28	1.16
2213	65	120	31	1.50
2214	70	125	31	1.63
2215	75	130	31	1.71
2216	80	140	33	2.19
2217	85	150	36	2.53
2218	90	160	40	3.22
2219	95	170	43	4.20
2220	100	180	46	4.61
2300 Series				
2300	10	35	17	0.077
2301	12	37	17	0.082
2302	15	42	17	0.111
2303	17	47	19	0.176
2304	20	52	21	0.219
2305	25	62	24	0.33
2306	30	72	27	0.50
2307	35	80	31	0.67
2308	40	90	33	0.92
2309	45	100	36	1.23
2310	50	110	40	1.63
2311	55	120	43	2.10
2312	60	130	46	2.59
2313	65	140	48	3.20
2314	70	150	51	3.92
2315	75	160	55	4.78
2316	80	170	58	5.65
2317	85	180	60	6.55
2318	90	190	64	7.75
2319	95	200	67	9.05
2320	100	215	73	11.50

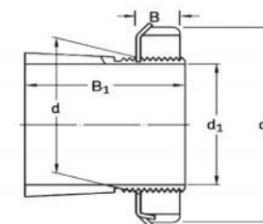


ADAPTER SLEEVES & PLUMMER BLOCKS

Adapter sleeves, plummer block housings and the associated self-aligning ball bearings or spherical roller bearings that can be matched, through the appropriated selection of accessories, to a wide range of applications. Applications include agricultural machinery, the paper processing industry, mining, materials processing, the steel industry and power stations.



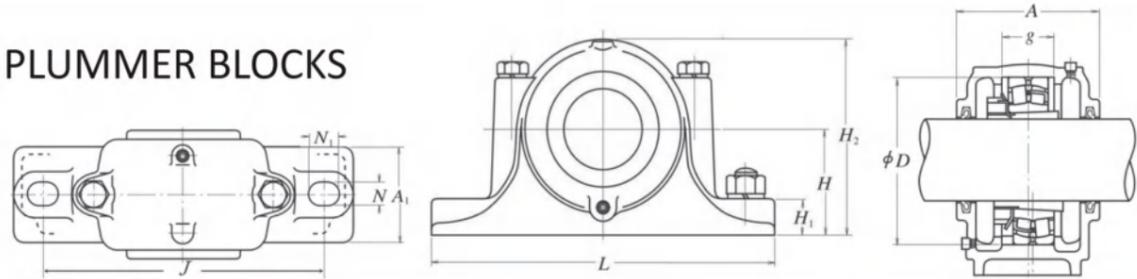
ADAPTER SLEEVES



Sleeve NO.	Dimensions (mm)					Weight (kg)
	d1	d	d3	B1	B	
H Series						
H205	20	25	38	26	8	0.06
H206	25	30	45	27	8	0.09
H207	30	35	52	29	9	0.12
H208	35	40	58	31	10	0.16
H209	40	45	65	33	11	0.21
H210	45	50	70	35	12	0.24
H211	50	55	75	37	12.5	0.28
H212	55	60	80	38	13	0.31
H213	60	65	85	40	13.5	0.36
H215	65	75	98	43	14.5	0.66
H216	70	80	105	46	17	0.81
H217	75	85	110	50	18	0.94
H218	80	90	120	52	18	1.10
H219	85	95	125	55	19	1.25
H220	90	100	130	58	20	1.40
H305	20	25	38	29	8	0.07
H306	25	30	45	31	8	0.10
H307	30	35	52	35	9	0.14
H308	35	40	58	36	10	0.17
H309	40	45	65	39	11	0.23
H310	45	50	70	42	12	0.27
H311	50	55	75	45	12.5	0.32
H312	55	60	80	47	13	0.31
H313	60	65	85	50	13.5	0.36
H315	65	75	98	55	14.5	0.81
H316	70	80	105	59	17	0.94
H317	75	85	110	63	18	1.10
H318	80	90	120	65	19	1.25
H319	85	95	125	68	19	1.40
H320	90	100	130	71	20	1.60
H2305	20	25	38	35	5	0.09
H2306	25	30	45	38	8	0.11
H2307	30	35	52	43	9	0.16
H2308	35	40	58	46	10	0.22
H2309	40	45	65	50	11	0.27
H2310	45	50	70	55	12	0.34
H2311	50	55	75	59	12.5	0.39
H2312	55	60	80	62	13	0.45
H2313	60	65	85	65	13.5	0.52
H2314	60	70	92	68	13.5	0.88
H2315	65	75	98	73	14.5	1.10
H2316	70	80	105	78	17	1.20
H2317	75	85	110	82	18	1.35
H2318	80	90	120	86	18	1.60
H2319	85	95	125	90	19	1.80
H2320	90	100	130	98	21	2.00

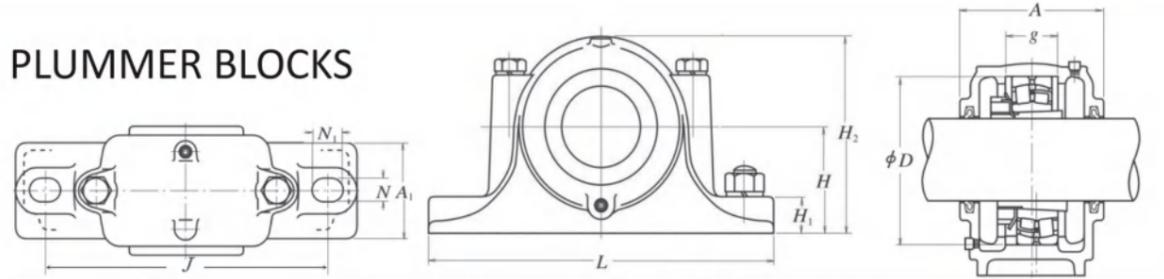
Sleeve NO.	Dimensions (mm)					Weight (kg)
	d1	d	d3	B1	B	
HE Series						
HE205	19.05	25	38	26	8	0.07
HE206	25.40	30	45	27	8	0.08
HE208	31.75	40	58	31	10	0.19
HE209	38.10	45	65	33	11	0.20
HE210	44.45	50	70	35	12	0.26
HE213	57.15	65	85	40	13.5	0.44
HE215	63.50	75	98	43	15	0.70
HE216	69.85	80	105	46	17	0.81
HE217	76.20	85	110	50	18	0.87
HE218	82.55	90	120	52	18	0.97
HE219	82.55	95	125	55	19	1.35
HE220	88.90	100	130	58	20	1.45
HE305	19.05	25	38	29	8	0.08
HE306	25.40	30	45	31	8	0.10
HE308	31.75	40	58	36	10	0.22
HE309	38.10	45	65	39	11	0.24
HE310	44.45	50	70	42	12	0.29
HE313	57.15	65	85	50	13.5	0.52
HE315	63.50	75	98	55	15	0.85
HE316	69.85	80	105	59	17	0.97
HE317	76.20	85	110	63	18	1.00
HE318	82.55	90	120	65	18	1.10
HE319	82.55	95	125	68	19	1.60
HE320	88.90	100	130	71	20	1.75
HE2305	19.05	25	38	35	8	0.09
HE2306	25.40	30	45	38	8	0.11
HE2308	31.75	40	58	46	10	0.28
HE2309	38.10	45	65	50	11	0.31
HE2310	44.45	50	70	55	12	0.36
HE2313	57.15	65	85	65	13.5	0.65
HE2315	63.50	75	98	73	15	1.10
HE2316	69.85	80	105	78	17	1.20
HE2317	76.20	85	110	82	18	1.30
HE2318	82.55	90	120	86	18	1.40
HE2319	82.55	95	125	90	19	2.00
HE2320	88.90	100	130	97	20	2.20
HE2322	101.60	110	145	105	21	2.40
HE2324	107.95	120	155	112	22	3.60
HE2326	114.30	130	165	121	23	4.55
HE2328	127.00	140	180	131	24	5.00
HE2330	133.35	150	195	139	26	6.15

PLUMMER BLOCKS



Housing No.	Dimensions (mm)											Weight (kg)
	D	L	A1	H1	g	H	A	H2	J	N	N1	
SN500 Series												
SN505	52	165	46	22	25	40	67	75	130	15	20	2.00
SN506	62	185	52	22	30	50	77	90	150	15	20	2.10
SN507	72	185	52	22	33	50	82	95	150	15	20	2.30
SN508	80	205	60	25	33	60	85	110	170	15	20	2.90
SN509	85	205	60	25	31	60	85	112	170	15	20	3.00
SN510	90	205	60	25	33	60	90	115	170	15	20	3.40
SN511	100	255	70	28	33	70	95	130	210	18	23	4.60
SN512	110	255	70	30	38	70	105	135	210	18	23	5.00
SN513	120	275	80	30	43	80	110	150	230	18	23	6.50
SN514	125	280	80	30	44	80	115	155	230	18	23	6.80
SN515	130	280	80	30	41	80	115	155	230	18	23	7.10
SN516	140	315	90	32	43	95	120	175	260	22	27	9.50
SN517	150	320	90	32	46	95	125	185	260	22	27	10.00
SN518	160	345	100	35	62.4	100	145	195	290	22	27	12.80
SN519	170	345	100	35	53	112	140	210	290	22	27	15.40
SN520	180	380	110	40	70.3	112	160	218	320	26	32	17.80
SN522	200	410	120	45	80	125	175	240	350	26	32	19.00
SN524	215	410	120	45	86	140	185	270	350	26	32	26.00
SN526	230	445	130	50	90	150	190	290	380	28	36	32.00
SN528	250	500	150	50	98	150	205	305	420	33	42	40.00
SN530	270	530	160	60	106	160	220	325	450	33	42	47.50
SN600 Series												
SN605	62	185	52	22	34	50	80	90	150	15	20	2.10
SN606	72	185	52	22	37	50	82	95	150	15	20	2.80
SN607	80	205	60	25	41	60	90	110	170	15	20	3.50
SN608	90	205	60	25	43	60	95	115	170	15	20	4.20
SN609	100	255	70	28	46	70	105	130	210	18	23	5.00
SN610	110	255	70	30	50	70	115	135	210	18	23	6.10
SN611	120	275	80	30	53	80	120	150	230	18	23	6.50
SN612	130	280	80	30	56	80	125	155	230	18	23	7.90
SN613	140	315	90	32	58	95	130	175	260	22	27	10.80
SN615	160	345	100	35	65	100	140	195	290	22	27	14.60
SN616	170	345	100	35	68	112	145	212	290	22	27	17.10
SN617	180	380	110	40	70	112	155	218	320	26	32	18.70
SN618	190	400	110	33	74	112	160	230	320	26	35	24.10
SN619	200	420	120	36	77	125	170	245	350	26	35	25.50
SN620	215	420	120	38	83	140	175	280	350	26	35	31.00
SN622	240	460	130	40	90	150	190	300	390	28	38	41.40
SN624	260	540	160	50	96	160	205	325	450	33	42	54.60
SN626	280	560	160	50	103	170	215	350	470	33	42	67.20
SN628	300	630	170	55	112	180	235	375	520	35	45	92.60
SN630	320	680	180	55	118	190	245	395	560	35	45	101.50

PLUMMER BLOCKS



Housing No.	Dimensions (mm)											Weight (kg)
	D	L	A1	H1	g	H	A	H2	J	N	N1	
SN200 Series												
SN205	52	165	46	22	25	40	67	75	130	15	20	1.40
SN206	62	185	52	22	30	50	77	90	150	15	20	1.90
SN207	72	185	52	22	33	50	82	95	150	15	20	2.00
SN208	80	205	60	25	33	60	85	110	170	15	20	3.00
SN209	85	205	60	25	31	60	85	112	170	15	20	3.20
SN210	90	205	60	25	33	60	90	115	170	15	20	3.40
SN211	100	255	70	28	33	70	95	130	210	18	23	4.50
SN212	110	255	70	30	38	70	105	135	210	18	23	5.00
SN213	120	275	80	30	43	80	110	150	230	18	23	5.40
SN214	125	275	80	30	44	80	115	155	230	18	23	6.10
SN215	130	280	80	30	41	80	115	155	230	18	23	7.40
SN216	140	315	90	32	43	95	120	175	260	22	27	9.50
SN217	150	320	90	32	46	95	125	185	260	22	27	10.00
SN218	160	345	100	35	62.4	100	145	195	290	22	27	12.80
SN219	170	345	100	35	53	112	140	210	290	22	27	17.80
SN220	180	380	110	40	70.3	112	160	218	320	26	32	19.00
SN222	200	410	120	45	80	125	175	240	350	26	32	23.00
SN224	215	410	120	45	86	140	185	270	350	26	32	25.00
SN226	230	445	130	50	90	150	190	290	380	28	36	28.00
SN228	250	500	150	50	98	150	205	305	420	33	42	36.00
SN230	270	530	160	60	106	160	220	325	450	33	42	45.50
SN300 Series												
SN305	62	185	52	22	34	50	80	90	150	15	20	1.60
SN306	72	185	52	22	37	50	82	95	150	15	20	1.90
SN307	80	205	60	25	41	60	90	110	170	15	20	2.60
SN308	90	205	60	25	43	60	95	115	170	15	20	3.20
SN309	100	255	70	28	46	70	105	130	210	18	23	4.50
SN310	110	255	70	30	50	70	115	135	210	18	23	5.00
SN311	120	275	80	30	53	80	120	150	230	18	23	6.60
SN312	130	280	80	30	56	80	125	155	230	18	23	7.00
SN313	140	315	90	32	58	95	130	175	260	22	27	8.80
SN315	160	345	100	35	65	100	140	195	290	22	27	11.40
SN316	170	345	100	35	68	112	145	212	290	22	27	13.00
SN317	180	380	110	40	70	112	155	218	320	26	32	16.00
SN318	190	400	110	33	74	112	160	230	310	26	35	22.80
SN319	200	420	120	36	77	125	170	245	350	26	35	27.80
SN320	215	420	120	38	83	140	175	280	350	26	35	34.00
SN322	240	460	130	40	90	150	190	300	390	28	38	45.00
SN324	260	540	160	50	96	160	205	325	450	33	42	62.00
SN326	280	560	160	50	103	170	215	350	470	33	42	68.00
SN328	300	630	170	55	112	180	235	375	520	35	45	98.00
SN330	320	680	180	55	118	190	245	395	560	35	45	116.00



THRUST BALL BEARINGS

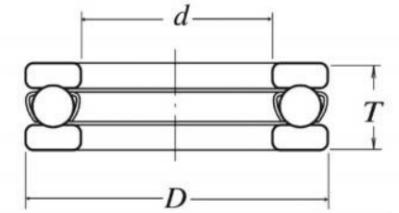
Single-direction thrust ball bearings are composed of washer-like bearing rings with race-way grooves. The ring attached to the shaft is called the shaft washer (or inner ring) while that attached to the housing is called the housing washer (or outer ring).

In double-direction thrust ball bearings, there are three rings with the middle one (center ring) being fixed to the shaft.

Pressed steel cages are usually used in the smaller bearings and machined cages in the larger ones.



THRUST BALL BEARINGS

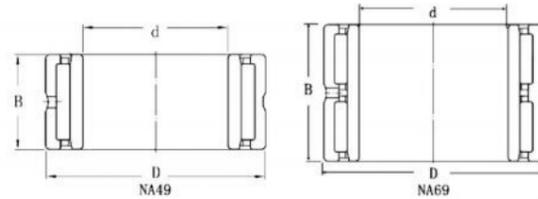


Bearing NO.	Dimensions (mm)			Weight (kg)
	d	D	T	
51100 Series				
51100	10	24	9	0.021
51101	12	26	9	0.023
51102	15	28	9	0.024
51103	17	30	9	0.026
51104	20	35	10	0.040
51105	25	42	11	0.06
51106	30	47	11	0.07
51107	35	52	12	0.09
51108	40	60	13	0.13
51109	45	65	14	0.15
51110	50	70	14	0.16
51111	55	78	16	0.23
51112	60	85	17	0.30
51113	65	90	18	0.34
51114	70	95	18	0.36
51115	75	100	19	0.40
51116	80	105	19	0.42
51117	85	110	19	0.44
51118	90	120	22	0.69
51120	100	135	25	0.99
51122	110	145	25	1.07
51124	120	155	25	1.11
51126	130	170	30	1.73
51128	140	180	31	1.90
51130	150	190	31	2.00
51132	160	200	31	2.10
51134	170	215	34	2.77
51136	180	225	34	2.92
51138	190	240	37	3.75
51140	200	250	37	3.92
51144	220	270	37	4.27
51148	240	300	45	6.87
51152	260	320	45	7.38
51156	280	350	53	11.80
51160	300	380	62	17.20
51200 Series				
51200	10	26	11	0.028

Bearing NO.	Dimensions (mm)			Weight (kg)
	d	D	T	
51201	12	28	11	0.031
51202	15	32	12	0.043
51203	17	35	12	0.500
51204	20	40	14	0.077
51205	25	47	15	0.11
51206	30	52	16	0.14
51207	35	62	18	0.21
51208	40	68	19	0.27
51209	45	73	20	0.31
51210	50	78	22	0.38
51211	55	90	25	0.60
51212	60	95	26	0.67
51213	65	100	27	0.76
51214	70	105	27	0.79
51215	75	110	27	0.85
51216	80	115	28	0.93
51217	85	125	31	1.22
51218	90	135	35	1.69
51220	100	150	38	2.25
51222	110	160	38	2.42
51224	120	170	39	2.70
51226	130	190	45	3.95
51228	140	200	46	4.30
51230	150	215	30	5.52
51232	160	225	51	6.04
51234	170	240	55	7.41
51236	180	250	56	7.94
51238	190	270	62	11.80
51240	200	280	62	12.30
51244	220	300	63	13.60
51248	240	340	78	23.70
51252	260	360	79	25.10
51256	280	380	80	27.10
51260	300	420	95	43.50
51300 Series				
51305	25	52	18	0.18
51306	30	60	21	0.27
51307	35	68	24	0.38



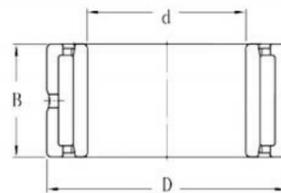
NEEDLE ROLLER BEARINGS NA SERIES



Bearing NO.	Dimensions (mm)			Weight (g)
	d	D	B	
NA6912	60	85	45	808.00
NA4913	65	90	25	456.00
NA6913	65	90	45	833.00
NA4914	70	100	30	728.00
NA6914	70	100	54	1340.00
NA4915	75	105	30	775.00
NA6915	75	105	54	1450.00
NA4916	80	110	30	878.00

Bearing NO.	Dimensions (mm)			Weight (g)
	d	D	B	
NA6916	80	110	54	1522.00
NA4917	85	120	35	1250.00
NA6917	85	120	63	2200.00
NA4918	90	125	35	1312.00
NA6918	90	125	63	2310.00
NA4919	95	130	35	1371.00
NA6919	95	130	63	2500.00
NA4920	100	140	40	1900.00

NEEDLE ROLLER BEARINGS NKI SERIES



Bearing NO.	Dimensions (mm)			Weight (g)
	d	D	B	
NKI10/16	10	22	16	29.00
NKI10/20	10	22	20	37.00
NKI12/16	12	24	16	33.00
NKI12/20	12	24	20	42.00
NKI15/16	15	27	16	39.00
NKI15/20	15	27	20	49.00
NKI17/16	17	29	16	42.00
NKI17/20	17	29	20	53.00
NKI20/16	20	32	16	48.00
NKI20/20	20	32	20	60.00
NKI22/16	22	34	16	52.00
NKI22/20	22	34	20	65.00
NKI25/20	25	38	20	80.00
NKI25/30	25	38	30	120.00
NKI28/20	28	42	20	92.00
NKI28/30	28	42	30	140.00
NKI30/20	30	45	20	110.00
NKI30/30	30	45	30	170.00
NKI32/20	32	47	20	110.00
NKI32/30	32	47	30	170.00
NKI35/20	35	50	20	120.00
NKI35/30	35	50	30	190.00
NKI38/20	38	53	20	130.00
NKI38/30	38	53	30	210.00

Bearing NO.	Dimensions (mm)			Weight (g)
	d	D	B	
NKI40/20	40	55	20	140.00
NKI40/30	40	55	30	220.00
NKI42/20	42	57	20	140.00
NKI42/30	42	57	30	220.00
NKI45/25	45	62	25	220.00
NKI45/35	45	62	35	310.00
NKI50/25	50	68	25	260.00
NKI50/35	50	68	35	360.00
NKI55/25	55	72	25	260.00
NKI55/35	55	72	35	360.00
NKI60/25	60	82	25	390.00
NKI60/35	60	82	35	550.00
NKI65/25	65	90	25	460.00
NKI65/35	65	90	35	660.00
NKI70/25	70	95	25	510.00
NKI70/35	70	95	35	720.00
NKI75/25	75	105	25	640.00
NKI75/35	75	105	35	910.00
NKI80/25	80	110	25	680.00
NKI80/35	80	110	35	960.00
NKI85/26	85	115	26	740.00
NKI85/36	85	115	36	1050.00
NKI90/26	90	120	26	780.00
NKI90/36	90	120	36	1100.00

GOINT BEARINGS

Structure of the joint bearing is simpler than the rolling bearing, which is mainly composed of a spherical outside surface of the inner ring and the outer ring of a spherical in the composition. Joint bearing is generally used for swinging movement of lower speed (i.e. angular motion), due to the sliding surface is a spherical surface shape, and can also be used as a tilting movement in a certain angle range (i.e. aligning motion), the support shaft and shaft shell hole not concentricity is larger, can still work normally.

