

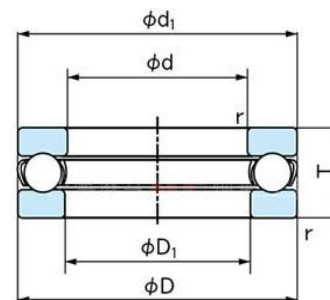
Thrust ball bearings



Dalian Godlbull Bearing Co.,Ltd

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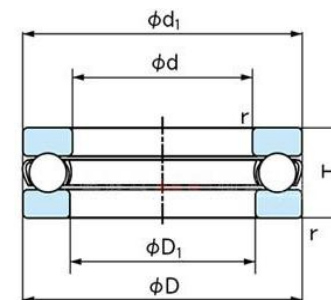
Single row thrust ball bearings



Dalian Golbull Bearing Co.,Ltd

Bearing Designations		Principal Dimensions (mm)						Basic load rating (kN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	T	D ₁	d ₁	r	Dynamic (Ca)	Static (Coa)	Grease	Oil	
8110	51100	10	24	9	11	24	0.3	10.1	14	6600	9800	0.019
8210	51200	10	26	11	12	28	0.6	12.8	17.1	5900	8800	0.028
8101	51101	12	26	9	13	26	0.3	10.4	15.4	6600	9800	0.21
8201	51201	12	28	11	14	28	0.6	13.3	19	5500	8300	0.031
8102	51102	15	28	9	16	28	0.3	10.6	16.8	6200	9300	0.023
8202	51202	15	32	12	17	32	0.6	16.7	24.8	4800	7200	0.043
8103	51103	17	30	9	18	30	0.3	11.4	19.5	5800	8800	0.025
8203	51203	17	35	12	19	35	0.6	17.3	27.3	4700	7200	0.050
8104	51204	20	35	10	21	35	0.3	15.1	26.6	5200	7800	0.037
8204	51204	20	40	14	22	40	0.6	22.5	37.5	4100	6200	0.077
8304	51304	20	47	18	22	47	1					
8105	51105	25	42	11	26	42	0.6	18.2	28	4800	6300	0.0589
8205	51205	25	47	15	27	47	0.6	28	42	3700	5500	0.111
8305	51305	25	52	18	27	52	1	35	50.5	3400	4500	0.165
8405	51405	25	60	24	27	60	1	56	71	2500	3900	0.334
8106	51106	30	47	11	32	47	0.6	20.6	36	4300	6000	0.064
8206	51206	30	52	16	32	52	0.6	27.3	40	3600	4800	0.138

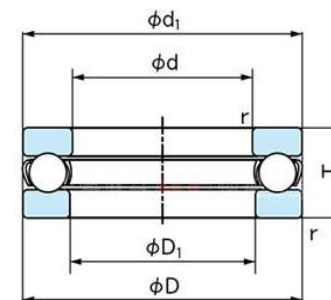
Single row thrust ball bearings



Dalian Golbull Bearing Co.,Ltd

Bearing Designations		Principal Dimensions (mm)						Basic load rating (kN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	T	D ₁	d ₁	r	Dynamic (Ca)	Static (Coa)	Grease	Oil	
8306	51306	30	60	21	32	60	1	42.5	56	2800	3800	0.266
8406	51406	30	70	28	32	70	1	69	74	2100	3300	0.56
8107	51107	35	52	12	37	52	0.6	20.8	42	4000	5600	0.078
8207	51207	35	62	18	37	62	1	37.3	55.5	3000	4000	0.193
8307	51307	35	68	24	37	68	1	55.5	73.8	2400	3400	0.361
8407	51407	35	80	32	37	80	1.1	87	155	2000	2900	0.77
8108	51108	40	60	13	42	60	0.6	27.3	51	3800	5000	0.118
8208	51208	40	68	19	42	68	1	46.8	78	2800	3800	0.27
8308	51308	40	78	26	42	78	1	68.5	95	2000	2400	0.521
8408	51408	40	90	36	42	90	1.1	103	188	1700	2600	1.1
8109	51109	45	65	14	47	65	0.6	26.7	50	3400	4500	0.139
8209	51209	45	73	20	47	73	1	37	81	2600	3600	0.332
8309	51309	45	85	28	47	85	1	72.3	96	1900	2800	0.656
8409	51409	45	100	39	47	100	1.1	128	226	1600	2400	1.46
8110	51110	50	70	14	52	70	0.6	27.3	58	3200	4300	0.155
8210	51210	50	78	22	52	78	1	54.6	94	2400	3400	0.374
8310	51310	50	95	31	52	95	1.1	96.2	145	1800	2600	0.942
8410	51410	50	110	43	52	110	1.5	159	266	1500	2100	1.86

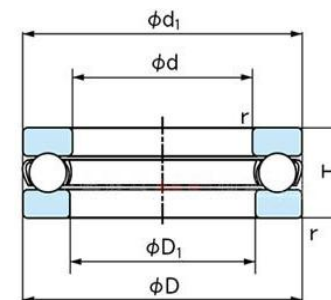
Single row thrust ball bearings



Dalian Golbull Bearing Co.,Ltd

Bearing Designations		Principal Dimensions (mm)						Basic load rating (kN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	T	D ₁	d ₁	r	Dynamic (C _a)	Static (C _{0a})	Grease	Oil	
8111	51111	55	78	16	57	78	0.6	33.5	72	2800	3800	0.226
8211	51211	55	90	25	57	90	1	68.9	123	1900	2800	0.571
8311	51311	55	105	35	57	105	1.1	119	174	1600	2200	1.35
8411	51411	55	120	48	57	120	1.5	191	288	1300	1800	2.61
8112	51112	60	85	17	62	85	1	39.5	87	2600	3600	0.263
8212	51212	60	95	26	62	95	1	74	141	1900	2800	0.71
8312	51312	60	110	35	62	110	1.1	100	208	1600	2200	1.39
8412	51412	60	130	51	62	130	1.5	200	350	1100	1700	3.16
8113	51113	65	90	18	67	90	1	45.5	103	2400	3400	0.315
8213	51213	65	100	27	67	100	1	75.4	151	1800	2600	0.733
8313	51313	65	115	36	67	115	1.1	107	228	1500	2000	1.54
8413	51413	65	140	56	68	140	2	239	395	1000	1600	4.17
8114	51114	70	95	18	72	95	1	49.4	119	2400	3400	0.351
8214	51214	70	105	27	72	105	1	76.7	161	1800	2600	0.756
8314	51314	70	125	40	72	125	1.1	148	270	1400	1900	2.35
8414	51414	70	150	60	73	150	2	257	438	1000	1400	5.06
8115	51115	75	100	19	77	100	1	48.1	120	2200	3200	0.382
8215	51215	75	110	27	77	110	1	64.2	173	1700	2400	0.83
8315	51315	75	135	44	77	135	1.5	175	288	1300	1800	2.61

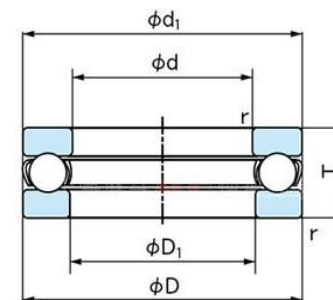
Single row thrust ball bearings



Dalian Golbull Bearing Co.,Ltd

Bearing Designations		Principal Dimensions (mm)						Basic load rating (kN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	T	D ₁	d ₁	r	Dynamic (C _a)	Static (C _{0a})	Grease	Oil	
8415	51415	75	160	65	78	160	2	251	485	950	1300	6.61
8116	51116	80	105	19	82	105	1	43	130	2100	3300	0.399
8216	51216	80	115	28	82	115	1	85	193	1700	2600	0.92
8316	51316	80	140	44	82	140	1.5	182	315	1200	1700	2.63
8416	51416	80	170	68	83	170	2.1	315	495	950	1200	7.89
8117	51117	85	110	19	87	110	1	44	130	2100	3200	0.419
8217	51217	85	125	31	88	125	1	110	237	1600	2300	1.21
8317	51317	85	150	49	88	150	1.5	223	475	1100	1600	3.8
8417	51417	85	180	72	88	177	2.1	336	534	850	1200	8.5
8118	51118	90	120	22	92	120	1	58	170	1900	2900	0.63
8218	51218	90	135	35	93	135	1	125	285	1500	2100	1.67
8318	51318	90	155	50	93	155	1.5	232	517	1000	1500	4.18
8418	51418	90	190	77	93	187	2.1	381	621	850	1100	9.91
8120	51120	100	135	25	102	135	1	76	213	1600	2500	0.937
8220	51220	100	150	38	103	150	1	130	347	1200	1900	2.12
8320	51320	100	170	55	103	170	1.5	229	513	950	1400	4.85
	51720	100	172	57	100.2	172	1.8	276	705	900	1300	5.36
8420	51420	100	210	85	103	205	3	448	775	800	1000	13.5

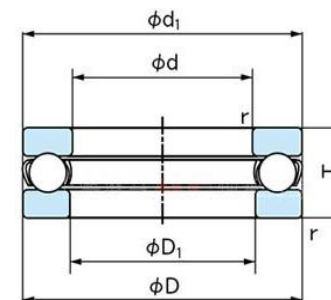
Single row thrust ball bearings



Dalian Golbull Bearing Co.,Ltd

Bearing Designations		Principal Dimensions (mm)						Basic load rating (kN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	T	D ₁	d ₁	r	Dynamic (C _a)	Static (C _{0a})	Grease	Oil	
	517/100.2	100.2	150	38	100.2	150	1.1	163	430	1600	1800	2.2
8122	51122	110	145	25	112	145	1	78	233	1600	2400	1.12
8222	51222	110	160	38	113	160	1.1	132	393	1200	1800	2.43
8322	51322	110	190	63	113	187	2	304	588	850	1200	7.36
8422	51422	110	230	95	113	225	3	490	900	700	950	18.6
8124	51124	120	155	25	122	155	1	80	236	1600	2300	1.13
8224	51224	120	170	39	123	170	1.1	160	399	1100	1700	2.58
8324	51324	120	210	70	123	205	2.1	348	711	800	1100	9.5
8424	51424	120	250	102	123	245	4	536	1030	600	900	23.9
	51726	130	170	27	130.2	170	3	111	415	1500	2000	1.65
8126	51126	130	170	30	132	170	1	95	328	1500	2000	1.86
8226	51226	130	190	45	133	187	1.5	226	535	970	1500	4.17
8326	51326	130	225	75	134	220	2.1	394	843	750	1000	11.8
8426	51426	130	270	110	134	265	4	637	1284	560	850	28.8
8128	51128	140	180	31	142	178	1	110	344	1300	1900	1.8
8228	51228	140	200	46	143	197	1.5	234	572	940	1450	4.33
8328	51328	140	240	80	144	235	2.1	415	923	700	950	14.6
8428	51428	140	280	112	144	275	4	628	1317	530	800	31.6

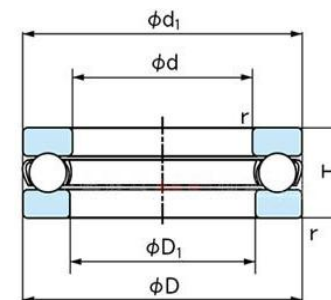
Single row thrust ball bearings



Dalian Golbull Bearing Co.,Ltd

Bearing Designations		Principal Dimensions (mm)						Basic load rating (kN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	T	D ₁	d ₁	r	Dynamic (C _a)	Static (C _{0a})	Grease	Oil	
8130	51130	150	190	31	152	188	1	115	371	1200	1700	2.19
	51730	150	200	35	150.3	200	2.1	164	535	1100	1600	3.15
8230	51230	150	215	50	153	212	1.5	260	650	900	1300	5.8
8330	51330	150	250	80	154	245	2.4	429	1021	670	900	17.0
8430	51430	150	300	120	154	295	4	673	1479	500	750	38.7
8132	51132	160	200	31	162	198	1	118	399	1200	1800	2.38
8232	51232	160	225	51	163	222	1.5	266	710	850	1200	6.19
8332	51332	160	270	87	164	265	3	455	1097	630	850	18.8
8134	51134	170	215	34	172	213	1.1	125	443	1100	1700	2.99
8234	51234	170	240	55	173	237	1.5	280	744	800	1100	7.65
8334	51334	170	280	87	174	275	3	472	1268	600	800	19.9
8136	51136	180	225	34	183	222	1.1	137	500	1000	1500	3.08
8236	51236	180	250	56	183	247	1.5	295	825	800	1100	8.02
8336	51336	180	300	95	184	295	3	515	1436	560	750	26.7
8138	51138	190	240	37	193	237	1.1	156	592	950	1450	3.6
8238	51238	190	270	62	194	267	2	352	1019	750	1000	11
8338	51338	190	320	105	195	315	4	607	1662	550	750	33.5
	517/190.5	190.5	266.7	57.1	190.5	266.7	4	276	695	710	1030	14.3

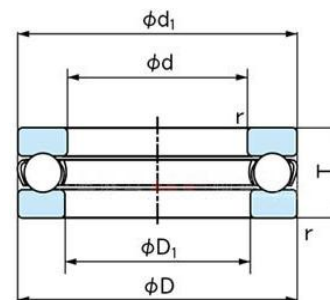
Single row thrust ball bearings



Dalian Golbull Bearing Co.,Ltd

Bearing Designations		Principal Dimensions (mm)						Basic load rating (kN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	T	D ₁	d ₁	r	Dynamic (Ca)	Static (Coa)	Grease	Oil	
8140	51140	200	250	37	203	247	1.1	176	636	950	1400	4.02
8240	51240	200	280	62	204	277	2	357	1029	750	1000	11.5
8340	51340	200	340	110	205	335	4	660	1865	500	700	40.58
8144	51144	220	270	37	223	267	1.1	183	682	900	1300	4.45
8244	51244	220	300	63	224	297	2	366	1148	700	950	12.2
8344	51344	220	360	112	225	355	4	670	2018	480	700	45.7
	51746	230	300	53.4	230.3	300	2.1	264	955	650	900	9.47
8148	51148	240	300	45	243	297	1.5	236	927	800	1100	7.28
8248	51248	240	340	78	244	335	2.1	454	1483	630	860	21.1
	51748	240	340	70	238	340	2.5	415	1650	600	800	19.4
8348	51348	240	380	112	245	375	4	693	2224	460	700	49.6
8152	51152	260	320	45	263	317	1.5	252	994	800	1100	7.56
8252	51252	260	360	79	264	355	2.1	474	1651	560	800	22
8156	51156	280	350	53	283	347	1.5	330	1274	640	900	11.4
8256	51256	280	380	80	284	375	2.1	493	1821	560	800	25.3
8160	51160	300	380	62	304	376	2	410	1634	630	850	17.4

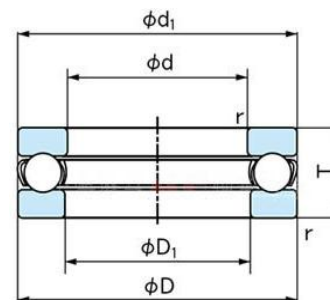
Single row thrust ball bearings



Dalian Golbull Bearing Co.,Ltd

Bearing Designations		Principal Dimensions (mm)						Basic load rating (kN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	T	D ₁	d ₁	r	Dynamic (Ca)	Static (Coa)	Grease	Oil	
8260	51260	300	420	95	304	415	3	580	2245	480	700	40
	51760	300	435	104	300.3	435	3.7	740	3410	450	600	50.7
	51760V	300	432	104.8	300.3	432	3.7	460	2240	450	600	49.7
	51164X1	320	399.5	63	324	396	2	425	1990	600	800	18
8164	51164	320	400	63	324	396	2	420	1756	600	800	18
8264	51264	320	440	95	325	435	3	585	2495	450	670	45
8364	51364	320	500	140	325	495	5	839	4810	400	600	109
8168	51168	340	420	64	344	416	2	426	1768	600	800	19.9
8268	51268	340	460	96	345	455	3	600	2680	450	600	44.6
8368	51368	340	540	160	345	535	5	1122	4439	400	530	137
8172	51172	360	440	65	364	436	2	430	1890	560	750	23.9
8272	51272	360	500	110	365	495	4	790	3590	400	530	64.7
8176	51176	380	460	65	384	456	2	420	2110	850	1000	22.5
8180	51180	400	480	65	404	476	2	435	2020	530	700	23
	51280	400	540	112	405	535	4	835	4450	380	510	71.8
8184	51184	420	500	65	424	495	2	440	2560	530	700	24.5
	51784	420	550	80	425	545	2.1	570	3110	500	600	50.3

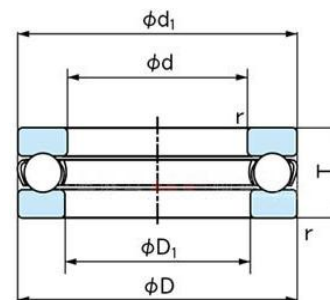
Single row thrust ball bearings



Dalian Golbull Bearing Co.,Ltd

Bearing Designations		Principal Dimensions (mm)						Basic load rating (kN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	T	D ₁	d ₁	r	Dynamic (Ca)	Static (Coa)	Grease	Oil	
8188	51188	440	540	80	444	535	2.1	560	2770	450	600	40.6
8192	51192	460	560	80	464	555	2.1	580	2960	450	600	42.2
8292	51292	460	620	130	465	615	5	894	4505	430	560	113
8196	51196	480	580	80	484	575	2.1	595	3250	430	560	45.5
81/500H	511/500	500	600	80	504	595	2.1	610	3350	430	560	45.3
81/530	511/530	530	640	85	534	635	3	665	3800	400	530	57.1
81/560	511/560	560	670	85	564	665	3	680	4250	380	500	61
81/600	511/600	600	710	85	604	705	3	720	4450	380	500	64.9
	591/600	600	710	67	604	705	3	520	3400	450	600	49.2
	517/630	630	780	112	650	760	4	906	5515	320	430	118
81/670	511/670	670	800	105	674	795	4	888	5778	300	400	110
	512/710X1	710	950	185	711	950	8	1350	10010	260	300	382

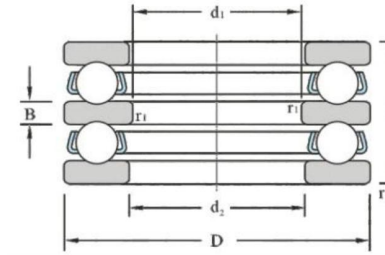
Single row thrust ball bearings



Dalian Golbull Bearing Co.,Ltd

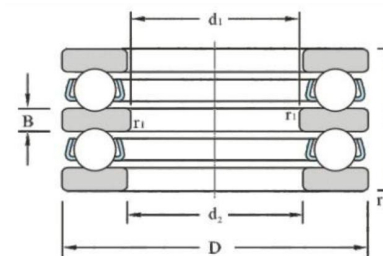
Bearing Designations		Principal Dimensions (mm)						Basic load rating (kN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	T	D ₁	d ₁	r	Dynamic (C _a)	Static (C _{0a})	Grease	Oil	
	591/750	750	900	90	755	895	4	815	5875	300	400	108
81/750	511/750	750	900	120	755	895	4	980	7540	240	340	158
	517/780	780	930	100	782	930	4	905	6700	230	300	128
	591/900	900	1060	95	906	1054	5	835	7240	210	280	143
	591/950X2YB3	950	1110	110	955	1105	5	1050	8900	200	280	183
	517/980	980	1120	120	985	1115	5	1080	9700	190	260	183
81/1060	511/1060	1060	1250	150	1066	1244	5	1390	13200	180	250	343
81/1250H	511/1250M	1250	1460	175	1256	1454	5	1600	15200	150	280	523
	517/1380	1380	1540	130	1385	1535	5	1280	13300	170	240	319
	511/1700X3YB5	1700	1960	170	1705	1955	7.5	1510	18800	150	220	824
	517/1720	1720	1880	130	1721.2	1880	5	1440	17900	140	210	401
	517/1800	1800	2000	140	1810	1990	5	1730	22300	120	180	545

Double row thrust ball bearings



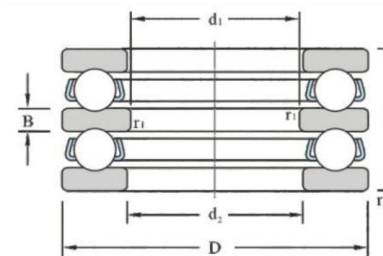
Bearing Designations		Principal Dimensions (mm)							Basic load rating (kN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	H	D ₁	B	r _{1,2}	r _{3,4}	Dynamic (Ca)	Static (Coa)	Grease	Oil	
38202	52202	10	32	22	17	5	0.6	0.3	16.5	25	5300	7000	0.081
38204	52204	15	40	26	22	6	0.6	0.3	22.5	37.5	4500	6000	0.15
38205	52205	20	47	28	27	7	0.6	0.3	27.6	50	4000	5300	0.22
38305	52305	20	52	34	27	8	1	0.3	34.5	55	3400	4500	0.33
38406	52406	20	70	52	32	12	1	0.6	72.8	125	2000	3000	1.0
38206	52206	25	52	29	32	7	0.6	0.3	25.5	47.5	3600	4800	0.25
38306	52306	25	60	38	32	9	1	0.3	37.7	65.5	2800	3800	0.47
38407	52407	25	80	59	37	14	1.1	0.6	87.1	156	1800	2600	1.450
38207	52207	30	62	34	37	8	1	0.3	35.1	67	3000	4000	0.41
38208	52208	30	68	36	42	9	1	0.6	46.8	98	2800	3800	0.55
38307	52307	30	68	44	37	10	1	0.3	49.4	88	2400	3400	0.68
38308	52308	30	78	49	42	12	1	0.6	61.8	112	2000	3000	1.05
38408	52408	30	90	65	42	15	1.1	0.6	112	204	1700	2400	2.05
38209	52209	35	73	37	47	9	1	0.6	39	80	2600	3600	0.6
38309	52309	35	85	52	47	12	1	0.6	76.1	140	1900	2800	1.25
38409	52409	35	100	72	47	17	1.1	0.6	130	240	1600	2200	2.7
38210	52210	40	78	39	52	9	1	0.6	49.4	106	2400	3400	0.71
38310	52310	40	95	58	52	14	1.1	0.6	88.4	173	1800	2600	1.75

Double row thrust ball bearings



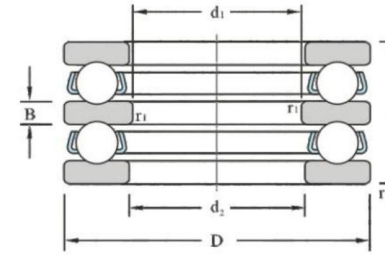
Bearing Designations		Principal Dimensions (mm)							Basic load rating (kN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	H	D ₁	B	r _{1,2}	r _{3,4}	Dynamic (Ca)	Static (Coa)	Grease	Oil	
38211	52211	45	90	45	57	10	1	0.6	61.8	134	1900	2800	1.1
38311	52311	45	105	64	57	15	1.1	0.6	104	208	1600	2200	2.4
38411	52411	45	120	87	57	20	1.1	0.6	178	360	1300	1800	4.7
38212	52212	50	95	46	62	10	1	0.6	62.4	140	1900	2800	1.2
38312	52312	50	110	64	62	15	1.1	0.6	101	208	1600	2200	2.55
38412	52412	50	130	93	62	21	1.5	0.6	199	400	1100	1600	6.35
38213	52213	55	100	47	67	10	1	0.6	63.7	150	1800	2600	1.35
38313	52313	55	115	65	67	15	1.1	0.6	106	220	1500	2000	2.75
38314	52314	55	125	72	72	16	1.1	1	135	300	1400	1900	3.65
38215	52215	60	110	47	77	10	1	1	67.6	170	1700	2400	1.55
38315	52315	60	135	79	77	18	1.5	1	163	360	1200	1700	4.8
38216	52216	65	115	48	82	10	1	1	76.1	190	1700	2400	1.7
38316	52316	65	140	79	82	18	1.5	1	159	360	1200	1700	4.94
38417	52417	65	180	128	88	29	1.1	1.1	545	1070	1100	1600	16.0
38217	52217	70	125	55	88	12	1	1	97.5	250	1600	2200	2.4
38218	52218	75	135	62	93	14	1.1	1	119	300	1500	2000	3.2

Double row thrust ball bearings



Bearing Designations		Principal Dimensions (mm)							Basic load rating (kN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	H	D ₁	B	r _{1,2}	r _{3,4}	Dynamic (Ca)	Static (Coa)	Grease	Oil	
38220	52220	85	150	67	103	15	1.1	1	124	320	1300	1800	4.2
38320	52320	85	170	97	103	21	1.5	1	229	560	950	1400	8.95
38422	52422	90	230	166	113	37	3	1.1	795	1800	900	1300	33.4
38222	52222	95	160	67	113	15	1.1	1	130	360	1200	1700	4.65
38322	52322	95	190	110	113	24	2	1	305	590	1200	1700	12.9
38422	52424	95	250	177	123	40	4	1.5	980	2310	1000	1500	42.1
38224	52224	100	170	68	123	15	1.1	1.1	140	400	1100	1600	5.25
38324	52324	100	210	123	123	27	2.1	1.1	325	915	800	1100	19.5
38226	52226	110	190	80	133	18	1.5	1.1	186	540	950	1400	8.0
38428	52428	110	280	196	143	44	2	2	1020	2630	800	1000	56.8
38228	52228	120	200	81	143	18	1.5	1.1	186	540	950	1400	8.65
38430	52430	120	300	209	154	46	4	2	1100	2960	800	1000	70.3
38230	52230	130	215	89	153	20	1.5	1.1	238	735	900	1300	11.5
38330	52330	130	250	140	154	31	2.1	1.1	410	1290	670	900	27.0
38232	52232	140	225	90	163	20	1.5	1.1	242	780	850	1200	12.0
38234	52234	150	240	97	173	21	1.5	1.1	286	930	800	1100	15.0

Double row thrust ball bearings



Bearing Designations		Principal Dimensions (mm)							Basic load rating (kN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	H	D ₁	B	r _{1,2}	r _{3,4}	Dynamic (Ca)	Static (Coa)	Grease	Oil	
38236	52236	150	250	98	183	21	1.5	2	296	1000	800	1100	16.0
38334	52334	150	280	153	174	33	3	1.1	468	1600	600	800	36.0
38336	52336	150	300	165	184	37	3	2	835	2780	520	800	48.8
38238	52238	160	270	109	194	24	2	2	910	3730	500	760	21.4
38240	52240	170	280	109	204	24	2	2	920	4080	460	720	22.1
38340	52340	170	340	192	205	42	4	2	1070	4110	430	680	59.3
	52768	300	400	80	340	18	1.8	1.3	430	3240	350	550	21.2
	52794X	469.5	570	84	499	29	2	2	365	2720	230	360	39.9
	527/615	570	700	90	615	20	3	1.3	292	2150	200	320	53.7