

Catalog Index

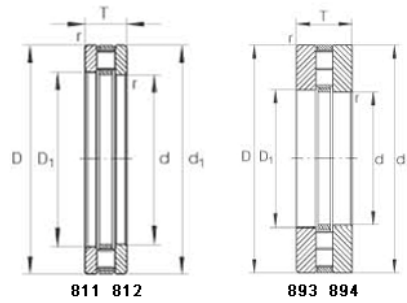
Axial thrust cylindrical roller bearings

Axial thrust spherical roller bearings

Axial thrust tapered roller bearings



Axial thrust cylindrical roller bearings



Bearing No.		Mass	Cage assembly	Mass	Dimension (mm)				Load rating (KN)		Limiting speed
New	Original	(kg)	No.	(kg)	d	D	T	r	Ca	Coa	r/min
81102 TN	9102	0.024	K81102 TN	0.006	15	28	9	0.3	14.4	28.5	13000
81103 TN	9103	0.027	K81103 TN	0.009	17	30	9	0.3	15.9	33.5	12000
81104 TN	9104	0.037	K81104 TN	0.013	20	35	10	0.3	24.9	53	10000
81105 TN	9105	0.053	K81105 TN	0.015	25	42	11	0.6	33.5	76	8500
81106 TN	9106	0.057	K81106 TN	0.017	30	47	11	0.6	35.5	86	7500
81206 TN	9206	0.123	K81206 TN	0.033	30	52	16	0.6	64	141	7000
89306 TN	89306	0.24	K89306 TN	0.04	30	60	18	1	69	197	6500
81107 TN	9107	0.073	K81107 TN	0.019	35	52	12	0.6	39	101	6500
81207 TN	9207	0.195	K81207 TN	0.043	35	62	18	1	80	199	6000
89307 TN	89307	0.34	K89307 TN	0.053	35	68	20	1	80	237	5500
81108 TN	9108	0.105	K81108 TN	0.031	40	60	13	0.6	56	148	6000
81208 TN	9208	0.249	K81208 TN	0.081	40	68	19	1	107	265	5500
89308 TN	89308	0.484	K89308 TN	0.098	40	78	22	1	122	385	4900
81109 TN	9109	0.13	K81109 TN	0.035	45	65	14	0.6	59	163	5000
81209 TN	9209	0.287	K81209 TN	0.085	45	73	20	1	105	265	4900
89309 TN	89309	0.615	K89309 TN	0.121	45	85	24	1	139	445	4400
81110 TN	9110	0.14	K81110 TN	0.038	50	70	14	0.6	61	177	4800
81210 TN	9210	0.356	K81210 TN	0.098	50	78	22	1	117	315	4500
89310 TN	89310	0.887	K89310 TN	0.175	50	95	27	1.1	167	560	4000
81111 TN	9111	0.218	K81111 TN	0.045	55	78	16	0.6	90	300	4300
81211 TN	9211	0.568	K81211 TN	0.166	55	90	25	1	154	405	4000
89311 TN	89311	1.18	K89311 TN	0.195	55	105	30	1.1	184	600	3600
81112 TN	9112	0.266	K81112 TN	0.082	60	85	17	1	103	315	4000
81212 TN	9212	0.642	K81212 TN	0.176	60	95	26	1	172	480	3700
89312 TN	89312	1.26	K89312 TN	0.21	60	110	30	1.1	196	670	3400
89412 TN	89412	2.818	K89412 TN	0.538	60	130	42	1.5	390	1220	3000
81113 TN	9113	0.31	K81113 TN	0.09	65	90	18	1	107	340	3700
81213 TN	9213	0.721	K81213 TN	0.185	65	100	27	1	177	500	3500
89313 TN	89313	1.33	K89313 TN	0.21	65	115	30	1.1	194	670	3200
89413 TN	89413	3.52	K89413 TN	0.72	65	140	45	2	445	1410	2800
81114 TN	9114	0.332	K81114 TN	0.092	70	95	18	1	111	365	3500
81214 TN	9214	0.768	K81214 TN	0.212	70	105	27	1	187	550	3300

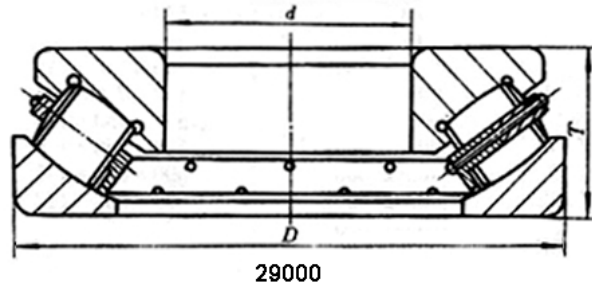
Axial thrust roller bearings

Bearing No.		Mass	Cage assembly	Mass	Dimension (mm)				Load rating (KN)		Limiting speed
New	Original	(kg)	No.	(kg)	d	D	T	r	Ca	Coa	r/min
89314 TN	89314	1.82	K89314 TN	0.29	70	125	34	1.1	239	830	3000
89414 TN	89414	4.18	K89414 TN	0.76	70	150	48	2	475	1500	2600
81115 TN	9115	0.393	K81115 TN	0.096	75	100	19	1	107	350	3300
81215 TN	9215	0.8	K81215 TN	0.195	75	110	27	1	172	500	3100
89315 TN	89315	2.23	K89315 TN	0.375	75	135	36	1.5	285	1010	2700
89415	89415	5.96	K89415	1.78	75	160	51	2	500	1580	2500
81116 TN	9116	0.4	K81116 TN	0.095	80	105	19	1	106	350	3100
81216 TN	9216	0.9	K812 16 TN	0.234	80	115	28	1	201	630	3000
89316 TN	89316	2.37	K893 16 TN	0.42	80	140	36	1.5	305	1110	2600
89416	89416	7.04	K894 16	2.04	80	170	54	2.1	560	1770	2300
81117 TN	9117	0.42	K81117 TN	0.118	85	110	19	1	112	385	3000
81217 TN	9217	1.26	K81217 TN	0.28	85	125	31	1	217	660	2700
89317	89317	3	K89317	0.54	85	150	39	1.5	325	1140	2500
89417	89417	8.65	K89417	2.71	85	180	58	2.1	620	1980	2200
81118 TN	9118	0.62	K81118 TN	0.15	90	120	22	1	141	465	2700
81218 TN	9218	1.77	K81218 TN	0.542	90	135	35	1.1	290	890	2600
89318	89318	3.28	K89318	0.62	90	155	39	1.5	335	1200	2400
89418	89418	9.94	K89418	3.04	90	190	60	2.1	680	2200	2100
81120 TN	9120	0.95	K81120 TN	0.25	100	135	25	1	199	650	2500
81220 TN	9220	2.2	K81220 TN	0.6	100	150	38	1.1	340	1080	2300
89320	89320	4.19	K89320	0.81	100	170	42	1.5	380	1400	2100
89420	89420	13.42	K89420	3.92	100	210	67	3	850	2850	1900
81122 TN	9122	1.04	K81122 TN	0.27	110	145	25	1	207	700	2300
81222 TN	9222	2.29	K81222 TN	0.53	110	160	38	1.1	325	1030	2100
89322	89322	6.55	K89322	1.67	110	190	48	2	500	1870	1900
89422	89422	17.41	K89422	5.11	110	230	73	3	1000	3400	1700
81124 TN	9124	1.12	K81124 TN	0.29	120	155	25	1	214	760	2100
81224 TN	9224	2.54	K81224 TN	0.58	120	170	39	1.1	340	1120	2000
89324	89324	9.24	K89324	2.44	120	210	54	2.1	640	2420	1700
89424	89424	21.77	K89424	6.37	120	250	78	4	1170	4000	1600
81126 TN	9126	1.67	K81126 TN	0.38	130	170	30	1	250	900	1900
81226 TN	9226	3.98	K81226 TN	0.92	130	190	45	1.5	480	1520	1800
89326	89326	10	K89326	1.91	130	225	58	2.1	710	2700	1600
89426	89426	26.96	K89426	7.96	130	270	85	4	1330	4600	1400
81128 TN	9128	1.9	K81128 TN	0.4	140	180	31	1	260	960	1800
81228	9228	4.567	K81228	1.197	140	200	46	1.5	455	1450	1700
89328	89328	11.99	K89328	2.39	140	240	60	2.1	820	3200	1500
89428	89428	29.7	89428	8.54	140	280	85	4	1390	4950	1400
81130 TN	9130	2.2	K81130 TN	0.43	150	190	31	1	270	1020	1700
81230	9230	5.886	K81230	1.52	150	215	50	1.5	590	1940	1600
89330	89330	12.63	K89330	2.51	150	250	60	2.1	840	3350	1400
89430	89430	35.36	K89430	10.36	150	300	90	4	1570	5700	1300

Axial thrust roller bearings

Bearing No.		Mass	Cage assembly	Mass	Dimension (mm)				Load rating (KN)		Limiting speed
New	Original	(kg)	No.	(kg)	d	D	T	r	Ca	Coa	r/min
81132 TN	9132	2.12	K81132 TN	0.44	160	200	31	1	270	1050	1600
81232	9232	7.96	K81232	3.36	160	225	51	1.5	600	2030	1500
89432	89432	42	K89432	12.42	160	320	95	5	1780	6500	1200
81134 TN	9134	2.41	K81134 TN	0.66	170	215	34	1.1	360	1380	1500
81234	9234	7.69	K81234	1.89	170	240	55	1.5	680	2340	1400
89434	89434	51.87	K89434	14.87	170	340	103	5	1990	7400	1100
81136	9136	3.04	K81136	0.8	180	225	34	1.1	340	1300	1400
81236	9236	8.24	K81236	1.98	180	250	56	1.5	690	2440	1300
89436	89436	60.19	K89436	17.59	180	360	109	5	2210	8200	1100
81138	9138	3.84	K81138	0.94	190	240	37	1.1	385	1500	1300
81238	9238	10.4	K81238	2.73	190	270	62	2	880	3000	1300
89438	89438	65.7	K89438	14.5	190	380	115	5	2450	9200	1000
81140	9140	4	K81140	0.98	200	250	37	1.1	390	1550	1300
81240	9240	11.91	K81240	3.09	200	280	62	2	900	3150	1200
89440	89440	74.8	K89440	16.2	200	400	122	5	2700	10200	950
81144	9144	4.5	K81144	1.32	220	270	37	1.1	420	1730	1200
81244	9244	12.85	K81244	3.35	220	300	63	2	940	3450	1100
89444	89444	84.4	K89444	20	220	420	122	6	2900	11500	900
81148	9148	7.25	K81148	2.11	240	300	45	1.5	600	2500	1100
81248	9248	21.95	K81248	5.65	240	340	78	2.1	1370	5000	1000
89448	89448	87.8	K89448	19.2	240	440	122	6	3000	12200	850
81152	9152	7.83	K81152	2.3	260	320	45	1.5	620	2650	1000
81252	9252	23.9	K81252	6.1	260	360	79	2.1	1440	5400	950
89452	89452	114	K89452	25.5	260	480	132	6	3600	14700	800
81156	9156	10.3	K81156	3	280	350	53	4.5	860	3650	900
81256	9256	25.9	K81256	6.4	280	380	80	2.1	1460	5600	850
89456	89456	142	K89456	30.8	280	520	145	6	4200	17600	700
81160	9160	16.67	K81160	4.83	300	380	62	2	1060	4500	850
81260	9260	40.55	K81260	10.15	300	420	95	3	1930	7300	800
89460	89460	153	K89460	32.7	300	540	145	6	4350	18500	700
81164	9164	17.82	K81164	5.12	320	400	63	2	1100	4750	800
89464	89464	193	K89464	70	320	580	155	6	5500	19900	550

Axial thrust spherical roller bearings



Bearing No.		Dimension (mm)			Load rating(KN)		Limiting speed		Mass
New	Original	d	D	H	Ca	Coa	Grease	Oil	(kg)
29412E	9039412E	60	130	42	328	458	-	2400	-
-	9039412		130	42	275	425	-	2400	2.6
29413E	9039413E	65	140	45	348	538	-	2200	-
-	9039413		140	45	315	488	-	2200	3.27
-	9069414	70	150	48	285	428	1400	2000	3.87
29414E	9039414E		150	48	390	615	-	2000	-
29415E	9039415E	75	160	51	438	700	-	1900	-
-	9039416	80	170	54	372	552	1100	1700	5.33
29416E	9039416E		170	54	495	802	-	1700	-
29317E	9039317E	85	150	39	300	508	-	2200	-
29417E	9039417E		180	58	535	862	-	1600	-
29318E	9039318E	90	155	39	308	532	-	2200	-
-	9069418		190	60	442	690	950	1500	7.13
29418E	9039418E		190	60	595	978	-	1500	-
29320E	9039320E	100	170	42	368	638	-	1000	-
-	9069420		210	67	585	865	850	1300	10.5
29420E	9039420E		210	67	722	1200	-	1300	-
-	9069322	110	190	48	302	478	1200	1800	5.46
29322E	9039322E		190	48	465	825	-	1800	-
-	9069422		230	73	545	792	800	1200	12.8
29422E	9039422E		230	73	845	1330	-	1200	-
-	9069324	120	210	54	378	648	1000	1600	6.88
29324E	9039324E		210	54	578	1040	-	1600	-
-	9069424		250	78	710	1160	750	1100	19.48
29424E	9039424E		250	78	982	1510	-	1100	-
-	9039424		250	78	908	1590	-	1100	17.1
-	9069326	130	225	58	440	752	950	1500	8.26
29326E	9039326E		225	58	632	1150	-	1500	-
-	9039326		225	58	568	1060	-	1500	9.28
-	9069426		270	85	825	1120	700	1000	23.1
29426E	9039426E		270	85	1130	2000	-	1000	-
29328E	9039328E	140	240	60	705	1310	-	1400	-

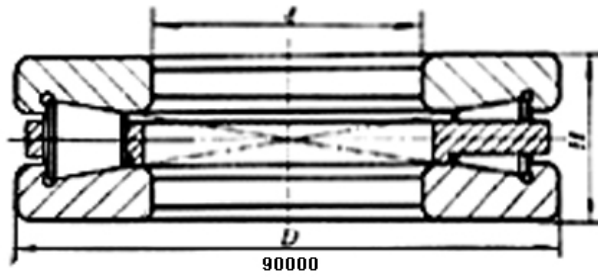
Axial thrust roller bearings

Bearing No.		Dimension (mm)			Load rating(KN)		Limiting speed		Mass
New	Original	d	D	H	Ca	Coa	Grease	Oil	(kg)
-	9069428		280	85	825	1120	670	950	-
29428E	9039428E		280	85	1180	2100	-	950	-
-	9069330	150	250	60	525	828	850	1300	9.68
29330E	9039330E		250	60	725	1380	-	1300	-
-	9039330		250	60	620	1210	-	1300	11.5
-	9069430		300	90	995	1710	630	900	27.3
29430E	9039430E		300	90	1320	2370	-	900	-
-	9039430		300	90	1090	2070	-	900	28.9
-	9069332	160	270	67	610	1090	800	1200	13.5
29332E	9039332E		270	67	862	1610	-	1200	-
-	9069432		320	95	1000	1720	560	800	33.3
29432E	9039432E		320	95	1450	2700	-	800	-
29334E	9039334E	170	280	67	882	1690	-	1100	-
-	9069434		340	103	1210	2130	530	750	40.7
29434E	9039434E		340	103	1680	3140	-	750	-
-	9069336	180	300	73	790	1330	700	1000	18.3
29336E	9039336E		300	73	1020	2000	-	1000	-
-	9069436		360	109	1210	2130	480	670	42.5
29436E	9039436E		360	109	1860	3480	-	670	-
-	9039436		360	109	1710	3280	-	670	-
-	9069338	190	270	48	420	828	950	1500	8.03
29338E	9039338E		320	78	1180	2370	-	900	-
29438E	9039438E		380	115	2070	3910	-	600	-
29240	9039240E	200	280	48	608	1360	-	1400	-
29340E	9039340E		340	85	1330	2630	-	900	-
-	9039340		340	85	1200	2330	-	900	34.1
-	9069440		400	122	1740	3030	430	600	60.6
29440E	9039440E		400	122	2270	4310	-	600	-
-	9039440		400	122	1920	3830	-	600	-
-	9069244	220	300	48	438	912	850	1300	11.2
29244	9039244E		300	48	668	1350	-	1300	-
-	9069344		360	85	970	1830	560	800	32.5
29344E	9039344E		360	85	1390	2800	-	800	-
-	9069444		420	122	1830	3290	400	560	68.7
29444E	9039444E		420	122	2360	4590	-	560	-
-	9039444		420	122	2040	4040	-	560	-
29248	9039248E	240	340	60	845	1910	-	1100	-
29348E	9039348E		380	85	1450	2900	-	750	-
-	9039348		380	85	1320	2710	-	750	-
-	9069448		440	122	1920	3540	380	530	76.4
29448E	9039448E		440	122	2450	4860	-	530	-
-	9039448		440	122	2260	4480	-	530	-

Axial thrust roller bearings

Bearing No.		Dimension (mm)			Load rating(KN)		Limiting speed		Mass
New	Original	d	D	H	Ca	Coa	Grease	Oil	(kg)
-	9069252	260	360	60	645	1360	700	1000	16.9
29252	9039252E	260	360	60	885	2070	-	1000	-
-	9069352		420	95	1390	2770	480	670	45.6
29352E	9039352E		420	95	1790	3860	-	670	-
-	9069452		480	132	2120	4010	340	480	91.8
29452E	9039452E		480	132	2900	5950	-	480	-
29256	9039256E	280	380	60	895	2130	-	950	-
-	9069356		440	95	1410	2880	450	630	48.4
29356E	9069356E		440	95	1860	4080	-	630	-
-	9069456		520	145	2550	4850	300	430	115
29456E	9039456E		520	145	3440	7130	-	430	-
29260	9039260E	300	420	73	1230	2890	-	900	-
-	9069360		480	109	1870	3720	400	560	61.4
29360E	9039360E		480	109	2260	5000	-	560	-
29460E	9039460E		540	145	3550	7500	-	380	-
29264	9039264E	320	440	73	1270	3060	-	800	-
-	9069364		500	109	2030	3810	380	530	83.4
29364E	9039364E		500	109	2330	5230	-	530	-
-	9069464		580	155	2930	5730	240	360	171
29464E	9039464E		580	155	4120	8850	-	360	-
-	9039464		580	155	3550	7350	-	360	-
-	9069268	340	460	73	1135	2440	530	750	31.4
29268	9039268E		460	73	1310	3230	-	750	-
29368	9039368E		540	122	2770	6190	-	480	-
29468E	9039468E		620	170	4530	9770	-	320	-
-	9039468		620	170	3960	8600	-	320	200
29272	9039272E	360	500	85	1660	4080	-	630	-
29372	9039372E		560	122	2840	6440	-	450	-
-	9069472		640	170	3790	7600	190	300	199
29472	9039472E		640	170	4740	10300	-	300	-

Axial thrust tapered roller bearings



Bearing No.	Original	Dimension (mm)				Load rating(KN)		Limiting speed		Mass (kg)
No.	Original	d	d1min	D	T	Cr	Cor	Greast	Oil	(kg)
99440	9019440	200	200.3	400	122	1720	7226	200	300	75
91742	19742	210	210.3	460	122	2870	14450	290	390	107
91742DS	219742		210.3	460	150	2870	14450	290	390	134
91748/YA	219748	240		540	127	5100	28760	250	340	157
99452	9019452	260	260.3	480	132	2558	11360	160	220	111
91754	19954	270	270.3	550	130	4080	20940	240	330	164
99456	9019456	280	280.3	520	145	2950	13350	140	190	143
99464	9019464	320	320.4	580	155	3740	17537	110	160	185
99476	9019476	380	380.4	670	175	4710	22870	85	120	274
917/1290	197/1290	1290	1291	1550	134	6970	55950	75	100	495