

Spherical Thrust Ball Bearings

Thrust Ball Bearings

Spherical thrust roller bearings can carry high axial loads. They can also support radial load if magnitude is no more than 55% of the axial load being carried. These bearings cannot be used for high speed applications. They are usually used with oil lubrication.

The standard cages used are copper alloy machined cage and in some cases also have molded cages.

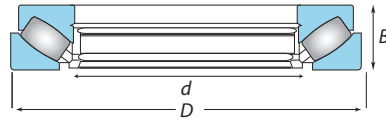
For details on boundary dimensions and specifications please refer to the tables overleaf.

Spherical Thrust Roller Bearing



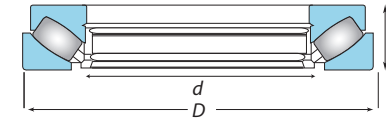
BEARING NUMBER	ГОСТ	DIMENSION IN MM			BASIC LOAD RATINGS		RPM	WEIGHT Kgs
		d	D	B	Dynamic	Static		
29230	9039230	150	215	39	272000	1070000	1500	4.56
29232	9039232	160	225	39	280000	1170000	1450	4.88
29234	9039234	170	240	42	300000	1250000	1400	6.02
29236	9039236	180	250	42	315000	1320000	1350	6.25
29238	9039238	190	270	48	390000	1650000	1200	8.70
29240	9039240	200	280	48	400000	1710000	1200	8.96
29244	9039244	220	300	48	410000	1800000	1100	9.03
29248	9039248	240	340	60	600000	2580000	900	16.50
29252	9039252	260	360	60.0	610000	2700000	900	18.00
29256	9039256	280	380	60	640000	3000000	850	19.00
29260	9039260	300	420	73	800000	3600000	750	30.00
29264	9039264	320	440	73	830000	3825000	700	32.50
29268	9039268	340	460	73	845000	4000000	700	33.50
29272	9039272	360	500	85	1100000	5100000	600	51.00
29276	9039276	380	520	85	1185000	5735000	600	52.00
29280	9039280	400	540	82	1205000	6000000	600	55.00
29284	9039284	420	580	95	1490000	7350000	530	72.00
29288	9039288	440	600	95	1550000	7800000	530	77.00
29292	9039292	460	620	95	1550000	7950000	500	80.00
29296	9039296	480	650	103	1760000	8850000	470	97.00
292/500	90392/500	500	670	103	1790000	9375000	470	100.00

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BEARING NUMBER	FOCT	NOMINAL DIMENSIONS [mm]				LOAD RATING(kN)		LIMITING SPEED (RPM)	WEIGHT KG
						Dynamic	Static		
		d	D	B	r	C	Co	Lube	
29317	9039317	85	150	39	1.5	287	927	2600	5.91
29318	9039318	90	155	39	1.5	299	966	2500	3.06
29320	9039320	100	170	42	1.5	355	1160	2300	3.81
29322	9039322	110	190	48	2	457	1530	2000	5.56
29324	9039324	120	210	54	2.1	553	1880	1800	7.63
29326	9039326	130	225	58	2.1	643	2220	1700	9.43
29328	9039328	140	240	60	2.1	707	2490	1600	11.10
29330	9039330	150	250	60	2.1	711	2500	1550	11.60
29332	9039332	160	270	67	3	862	3070	1400	15.40
29334	9039334	170	280	67	3	880	3170	1350	16.20
29336	9039336	180	300	73	3	1030	3730	1250	20.70
29338	9039338	190	320	78	4	1170	4230	1150	25.10
29340	9039340	200	340	85	4	1360	5040	1050	31.20
29344	9039344	220	360	85	4	1380	5240	1000	33.30
29348	9039348	240	380	85	4	1410	5500	950	35.50
29352	9039352	260	420	95	5	1810	6950	850	49.10
29356	9039356	280	440	95	5.0	1840	7150	800	53.20

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BEARING NUMBER	FOCT	DIMENSION IN MM			BASIC LOAD RATINGS		RPM	WEIGHT Kgs
		d	D	H	Dynamic	Static		
29412	9039412	60	130	42	226000	640000	2100	2.78
29413	9039413	65	140	45	264000	755000	1900	3.41
29414	9039414	70	150	48	290000	830000	1750	4.16
29415	9039415	75	160	51	330000	950000	1700	4.98
29416	9039416	80	170	54	370000	1100000	1500	5.95
29417	9039417	85	180	58	390000	1180000	1400	7.20
29418	9039418	90	190	60	430000	1340000	1350	8.28
29420	9039420	100	210	67	550000	1700000	1200	11.20
29422	9039422	110	230	73	670000	2100000	1100	14.78
29424	9039424	120	250	78	780000	2440000	1000	18.50
29426	9039426	130	270	85	860000	2840000	960	23.70
29428	9039428	140	280	85	880000	3000000	960	25.20
29430	9039430	150	300	90	1020000	3480000	880	30.50
29432	9039432	160	320	95	1200000	4120000	800	37.00
29434	9039434	170	340	103	1330000	4600000	750	45.00
29436	9039436	180	360	106	1470000	5000000	700	52.90
29438	9039438	190	380	115	1610000	5400000	670	62.00
29440	9039440	200	400	122	1780000	6100000	63	73.30