

## **THRUST SPHERICAL ROLLER BEARINGS**

Spherical thrust roller bearings can carry high axial loads. They can also support radial load if magnitude is not 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



BEARING NUMBER	NOMINAL DIMENSIONS' [mm]			LOAD RATING (N)		RPM	Weight
				Dynamic	Static		Kgs
	d	D	B	C	Co		
29230	150	215	39	272000	1070000	1500	4.560
29232	160	225	39	280000	1170000	1450	4.880
29234	170	240	42	300000	1250000	1400	6.020
29236	180	250	42	315000	1320000	1350	6.250
29238	190	270	48	390000	1650000	1200	8.700
29240	200	280	48	400000	1710000	1200	8.960
29244	220	300	48	410000	1800000	1100	9.030
29248	240	340	60	600000	2580000	900	16.500
29252	260	360	60	610000	2700000	900	18.000
29256	280	380	60	640000	3000000	850	19.000
29260	300	420	73	800000	3600000	750	30.000
29264	320	440	73	830000	3825000	700	32.500
29268	340	460	73	845000	4000000	700	33.500
29272	360	500	85	1100000	5100000	600	51.000
29276	380	520	85	1185000	5735000	600	52.000
29280	400	540	82	1205000	6000000	600	55.000
29284	420	580	95	1490000	7350000	530	72.000
29288	440	600	95	1550000	7800000	530	77.000
29292	460	620	95	1550000	7950000	500	80.000
29296	480	650	103	1760000	8850000	470	97.000
292/500	500	670	103	1790000	9375000	470	100.000

BEARING NUMBER	NOMINAL DIMENSIONS' [mm]				LOAD RATING(kN)		LIMITING SPEED (RPM)	Weight
					Dynamic	Static		
	d	D	B	R	C	Co	OIL	Kgs
29317	85	150	39	1.5	287	927	2600	5.910
29318	90	155	39	1.5	299	966	2500	3.060
29320	100	170	42	1.5	355	1160	2300	3.810
29322	110	190	48	2	457	1530	2000	5.560
29324	120	210	54	2.1	553	1880	1800	7.630
29326	130	225	58	2.1	643	2220	1700	9.430
29328	140	240	60	2.1	707	2490	1600	11.100
29330	150	250	60	2.1	711	2500	1550	11.600
29332	160	270	67	3	862	3070	1400	15.400
29334	170	280	67	3	880	3170	1350	16.200
29336	180	300	73	3	1030	3730	1250	20.700
29338	190	320	78	4	1170	4230	1150	25.100
29340	200	340	85	4	1360	5040	1050	31.200
29344	220	360	85	4	1380	5240	1000	33.300
29348	240	380	85	4	1410	5500	950	35.500
29352	260	420	95	5	1810	6950	850	49.100
29356	280	440	95	5	1840	7150	800	53.200

BEARING NUMBER	NOMINAL DIMENSIONS' [mm]			LOAD RATING (N)		RPM	Weight
				Dynamic	Static		Kgs
	d	D	H				
29412	60	130	42	226000	640000	2100	2.780
29413	65	140	45	264000	755000	1900	3.410
29414	70	150	48	290000	830000	1750	4.160
29415	75	160	51	330000	950000	1700	4.980
29416	80	170	54	370000	1100000	1500	5.950
29417	85	180	58	390000	1180000	1400	7.200
29418	90	190	60	430000	1340000	1350	8.280
29420	100	210	67	550000	1700000	1200	11.200
29422	110	230	73	670000	2100000	1100	14.780
29424	120	250	78	780000	2440000	1000	18.500
29426	130	270	85	860000	2840000	960	23.700
29428	140	280	85	880000	3000000	960	25.200
29430	150	300	90	1020000	3480000	880	30.500
29432	160	320	95	1200000	4120000	800	37.000
29434	170	340	103	1330000	4600000	750	45.000
29436	180	360	106	1470000	5000000	700	52.900
29438	190	380	115	1610000	5400000	670	62.000
29440	200	400	122	1780000	6100000	63	73.300