



Spherical Roller Thrust Bearings

UST Spherical roller thrust bearings incorporate a large number of asymmetrical rollers and have specially designed raceways with an optimum conformity. They are therefore suitable for very heavy axial loads and also permit relatively high speed operation.

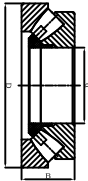
Product Highlights

Accommodates heavy combined load at high speeds

Unaffected by misalignment

Application flexibility

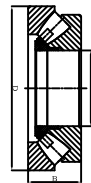
Spherical Roller Thrust Bearings



Bearing Designation	Principal Dimensions			Basic Load Ratings		Fatigue Load Limit	Limiting Speed	Mass
	d	D	B	Dynamic	Static			
	mm			C (kN)	CO (kN)	Pu (kN)	rpm	kg
29236 EM	200	280	48	731	3150	300	1150	8.760
29240 EM	220	300	48	757	3350	310	1300	9.640
29248 M	240	340	60	793	3450	310	890	16.700
29252 M	260	360	60	825	3560	320	890	18.500
29256 M	280	380	60	872	3950	340	840	19.500
29260 M	300	420	73	1061	4670	390	750	30.500

29320 E	100	170	42	449	1400	170	2000	3.950
29322 M	110	190	48	442	1420	150	1600	5.500
29322 E	110	190	48	587	1760	190	1600	5.400
29324 M	120	210	54	577	1830	190	1400	7.600
29324 E	120	210	54	670	2100	220	1600	7.410
29326 M	130	225	58	647	2070	210	1300	9.300
29326 E	130	225	58	788	2950	300	1500	9.080
29328 M	140	240	60	695	2310	230	1300	11.000
29328 E	140	240	60	876	3150	320	1400	10.500
29330 M	150	250	60	718	2430	240	1200	11.500
29330 E	150	250	60	889	3236	320	1400	10.900
29332 M	160	270	67	831	2810	270	1100	15.200
29332 E	160	270	67	1067	3977	390	1200	14.400
29334 M	170	280	67	858	2950	280	1100	16.000
29334 E	170	280	67	1090	4098	390	1200	15.100
29336 M	180	300	73	1014	3530	330	1000	20.300

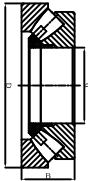
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	d	D	B	Dynamic	Static			
	mm			C (kN)	CO (kN)	Pu (kN)	rpm	kg
29336 E	180	300	73	1280	4813	450	1100	19.100
29338 M	190	320	78	1120	4010	370	940	24.800
29338 E	190	320	78	1483	4840	450	1100	23.300
29340 M	200	340	85	1300	4740	430	890	33.000
29340 E	200	340	85	1669	5480	500	950	28.900
29344 M	220	360	85	1340	4970	440	840	32.800
29344 E	220	360	85	1792	6300	560	950	31.600
29348 M	240	380	85	1340	5190	450	790	35.300
29348 E	240	380	85	1844	6490	560	900	33.400
29352 M	260	420	95	1780	6820	580	750	48.500
29352 E	260	420	95	2307	8310	700	800	46.900
29356 M	280	440	95	1780	7100	590	710	52.500
29356 E	280	440	95	2276	8490	710	800	49.500
29360 M	300	480	109	2180	8500	690	630	74.000
29360 E	300	480	109	2730	11000	890	700	68.700

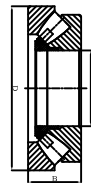
29412 M	60	130	42	287	809	99	2400	2.600
29412 E	60	130	42	345	951	120	2600	2.470
29413 M	65	140	45	340	973	120	2200	3.300
29413 E	65	140	45	417	1155	140	2400	3.300
29414 M	70	150	48	371	1070	130	2000	4.000
29414 E	70	150	48	453	1280	160	2200	3.980
29415 M	75	160	51	429	1250	150	2000	4.900

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	d	D	B	Dynamic	Static			
	mm			C (kN)	CO (kN)	Pu (kN)	rpm	kg
29415 E	75	160	51	527	1500	180	2200	4.900
29416 M	80	170	54	464	1370	170	1900	5.800
29416 E	80	170	54	625	1640	200	2000	5.800
29417 M	85	180	58	527	1570	190	1800	6.900
29417 E	85	180	58	713	1945	240	1800	6.670
29418 M	90	190	60	578	1780	220	1700	8.100
29418 E	90	190	60	724	2172	260	1800	8.100
29420 M	100	210	67	705	2170	260	1500	11.800
29420 E	100	210	67	891	2578	310	1600	10.800
29422 M	110	230	73	817	2600	270	1400	14.500
29422 E	110	230	73	1053	3078	320	1400	13.500
29424 M	120	250	78	934	3000	300	1300	18.100
29424 E	120	250	78	1215	3590	360	1300	17.500
29426 M	130	270	85	1090	3540	350	1200	22.500
29426 E	130	270	85	1437	4300	430	1200	21.600
29428 M	140	280	85	1164	4686	370	1200	24.200
29428 E	140	280	85	1554	4686	460	1200	23.000
29430 M	150	300	90	1318	4270	410	1100	29.400
29430 E	150	300	90	1675	5241	500	1100	28.200
29432 M	160	320	95	1504	4810	450	1000	35.500
29432 E	160	320	95	1854	5930	560	1000	33.300
29434 M	170	340	103	1669	5380	500	940	43.700
29434 E	170	340	103	2029	6230	570	950	40.100

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	d	D	B	Dynamic	Static			
	mm			C (kN)	CO (kN)	Pu (kN)	rpm	kg
29436 M	180	360	109	1854	6010	540	890	52.000
29436 E	180	360	109	2297	7160	650	900	48.100
29438 M	190	380	115	2019	6610	590	840	60.000
29438 E	190	380	115	2493	7750	690	850	55.700
29440 M	200	400	122	2210	7510	660	790	69.000
29440 E	200	400	122	2791	8790	770	800	66.300
29444 M	220	420	122	2328	7970	690	750	74.000
29444 E	220	420	122	2905	9070	780	750	69.100
29448 M	240	440	122	2410	8420	710	750	79.000
29448 E	240	440	122	3039	9770	830	750	73.500
29452 M	260	480	132	2812	9870	810	670	105.000
29452 E	260	480	132	3667	12080	990	670	96.100
29456 M	280	520	145	3327	11840	950	630	132.000
29456 E	280	520	145	4604	15750	1,300	630	127.000
29460 M	300	540	145	3317	11850	940	600	140.000
29460 E	300	540	145	4645	16460	1,300	600	133.000