



**Power Rating Series:**  
TS Bearings



CONE	CUP	BORE	OD	WIDTH	Cone BF Max. Shaft Fillet Radius	Cone Width	Cone BF Backing Diameter	Cone FF Backing Diameter	Cone Effective Load Center	K Factor	Cup BF Max. Housing Fillet Radius	Cup Width	Cup BF Backing Diameter	Cup FF Backing Diameter	C(90)	Ca(90)
DX644361	DX529594	2.1250 53.975	3.5000 88.900	0.75 19.050	0.09 2.3	0.750 19.050	2.48 63.0	2.36 60.0	0.09 2.3	1.07	0.08 2	0.531 13.492	3.15 80.0	3.35 85.0	4350 19300	4070 18100
DX361838	DX297886	2.7500 69.850	6.0000 152.400	1.625 41.275	0.14 3.5	1.625 41.275	3.46 88.0	3.23 82.0	-0.31 -7.9	1.43	0.13 3.3	1.250 31.750	5.28 134.0	5.55 141.0	16400 73000	11500 51100
DX896243	DX502208	2.7500 69.850	6.6250 168.275	2.125 53.975	0.14 3.5	2.219 56.363	3.58 91.0	3.31 84.0	-0.73 -18.4	1.95	0.13 3.3	1.625 41.275	5.87 149.0	6.10 155.0	27200 121000	13900 61900
DX106131	DX487275	4.3750 111.125	8.4375 214.312	2.1875 55.562	0.14 3.6	2.063 52.388	5.47 139.0	5.16 131.2	0.27 6.8	0.87	0.13 3.3	1.563 39.688	7.32 186.0	8.07 205.0	31200 139000	36000 160000
DX680507	DX909454	5.7500 146.050	10.5625 268.288	2.9375 74.612	0.25 6.4	2.938 74.612	6.93 176.0	6.54 166.0	-0.59 -15.0	1.51	0.25 6.4	2.250 57.150	9.33 237.0	9.82 249.4	52100 232000	34600 154000
DX941576	DX609011	5.5000 139.700	11.3750 288.925	3.2500 82.550	0.38 9.7	3.438 87.312	6.97 177.0	6.34 161.0	-1.05 -26.7	1.83	0.25 6.4	2.250 57.150	10.04 255.0	10.38 263.7	70100 312000	38300 170000
DX570805	DX554465	8.8125 223.838	11.6250 295.275	1.8125 46.038	0.14 3.5	1.813 46.038	9.49 241.0	9.25 235.0	0.67 17.0	1.17	0.13 3.3	1.375 34.925	10.83 275.0	11.34 288.0	28900 129000	24700 110000
DX490256	DX247531	6.8750 174.625	12.2500 311.150	3.2500 82.550	0.25 6.4	3.250 82.550	8.07 205.0	7.68 195.0	-0.73 -18.5	1.77	0.25 6.4	2.563 65.088	11.02 280.0	11.36 289.0	74400 331000	42100 187000
DX596094	DX835964	8.6875 220.663	12.3750 314.325	2.4375 61.912	0.25 6.4	2.438 61.912	9.65 245.0	9.25 235.0	-0.18 -4.6	1.76	0.13 3.3	1.938 49.212	11.54 293.0	11.81 300.0	48900 218000	27800 124000
DX368030	DX862160	7.0000 177.800	12.5970 319.964	3.5000 88.900	0.14 3.5	3.375 85.725	7.95 202.0	7.80 198.0	-0.88 -22.4	1.83	0.19 4.8	2.563 65.088	11.54 293.0	11.84 301.0	73700 328000	40300 179000
DX778831	DX087857	7.5000 190.500	13.2500 336.550	3.8750 98.425	0.25 6.4	3.750 95.250	9.21 234.0	8.49 215.7	-0.22 -5.6	1.01	0.25 6.4	2.875 73.025	11.42 290.0	12.52 318.0	81000 360000	79900 355000
DX632258	DX333703	8.1250 206.375	13.2500 336.550	3.8750 98.425	0.13 3.3	3.938 100.012	9.09 231.0	8.94 227.0	-1.00 -25.5	1.76	0.13 3.3	3.063 77.788	12.05 306.0	12.51 318.0	90000 400000	51200 228000
DX721803	DX874344	10.1250 257.175	13.5000 342.900	2.2500 57.150	0.25 6.4	2.250 57.150	11.06 281.0	10.59 269.0	0.10 2.5	1.68	0.13 3.3	1.750 44.450	12.68 322.0	13.11 333.0	47900 213000	28500 127000
DX507454	DX890837	9.7500 247.650	13.6250 346.075	2.5000 63.500	0.25 6.4	2.500 63.500	10.75 273.0	10.35 263.0	-0.05 -1.3	1.70	0.25 6.4	2.000 50.800	12.64 321.0	13.07 332.0	56500 251000	33200 148000
DX341101	DX927480	8.5000 215.900	14.0000 355.600	2.7500 69.850	0.27 6.8	2.750 69.850	9.76 248.0	9.33 237.0	-0.39 -9.8	1.77	0.06 1.5	1.938 49.212	12.95 329.0	13.01 330.4	56000 249000	316000 141000
DX531758	DX860303	10.3750 263.525	15.0000 355.600	2.2500 57.150	0.14 3.5	2.250 57.150	11.14 283.0	10.98 279.0	0.20 5.1	1.62	0.13 3.3	1.750 44.450	13.19 335.0	13.50 342.9	49300 220000	30400 135000
DX387523	DX911716	7.5000 190.500	14.3750 365.049	3.6250 92.075	0.25 6.4	3.500 88.897	8.94 227.0	8.58 218.0	-0.32 -15.6	1.45	0.13 3.3	2.500 63.500	12.95 329.0	13.16 334.4	77500 345000	53500 238000
DX888642	DX680679	10.0000 254.000	14.3750 365.125	2.3125 58.738	0.25 6.4	2.313 58.738	11.06 281.0	10.71 272.0	0.20 5.1	1.56	0.25 6.4	1.688 42.862	13.35 339.0	13.66 347.0	47800 212000	30600 136000
DX354417	DX429935	11.2500 285.750	14.9600 380.898	2.5625 65.088	0.14 3.5	2.563 65.088	12.05 306.0	11.89 302.0	11.4 11.4	1.35	0.13 3.3	1.938 49.212	14.02 356.0	14.49 368.0	50800 226000	37500 167000
DX775918	DX417575	7.8750 200.025	15.1250 384.175	4.4375 112.712	0.25 6.4	4.438 112.712	9.49 241.0	9.09 231.0	-1.10 -28.1	1.76	0.25 6.4	3.563 90.488	13.62 346.0	14.26 362.1	118000 524000	67100 298000
DX903631	DX417575	9.2500 234.950	15.1250 384.175	4.4375 112.712	0.25 6.4	4.438 112.712	10.59 269.0	10.20 259.0	-1.10 -28.1	1.76	0.25 6.4	3.563 90.488	13.62 346.0	14.26 362.1	118000 524000	67100 298000
DX174144	DX525602	7.8750 200.025	15.5000 393.700	4.3750 111.125	0.25 6.4	4.375 111.125	9.25 235.0	8.90 226.0	-1.33 -33.9	1.96	0.25 6.4	3.313 84.138	13.86 352.0	14.04 356.6	118000 526000	60400 269000
DX367958	DX723808	10.5000 266.700	15.5000 393.700	2.9062 73.817	0.25 6.4	2.750 69.850	11.65 296.0	11.30 287.0	0.10 2.6	1.45	0.25 6.4	1.969 50.005	14.41 366.0	14.89 378.1	62100 276000	42700 190000
DX577285	DX985397	12.0000 304.800	15.5000 393.700	2.0000 50.800	0.25 6.4	2.000 50.800	12.95 329.0	12.56 319.0	0.50 12.7	1.63	0.13 3.3	1.500 38.100	14.72 374.0	14.96 380.0	41200 183000	25400 113000
DX850938	DX866264	9.7500 247.650	16.0000 406.400	4.5625 115.888	0.25 6.4	4.625 117.475	11.18 284.0	10.83 275.0	-1.13 -28.7	1.76	0.25 6.4	3.688 93.662	14.41 366.0	15.08 383.0	138000 615000	78700 350000
DX620290	DX676538	11.0312 280.192	16.0000 406.400	2.7500 69.850	0.27 6.8	2.664 67.673	12.17 309.0	12.09 307.0	0.26 6.6	1.51	0.13 3.3	2.125 53.975	14.88 378.0	15.12 384.0	61000 271000	40400 180000
DX503418	DX261190	11.3750 288.925	16.0000 406.400	3.0625 77.788	0.25 6.4	3.063 77.788	12.44 316.0	12.20 310.0	-0.16 -4.1	1.73	0.13 3.3	2.375 60.325	14.92 379.0	15.27 387.9	83700 372000	48400 215000
DX233266	DX935074	12.0000 304.800	16.0000 406.400	2.5000 63.500	0.25 6.4	2.500 63.500	13.03 331.0	12.68 322.0	0.64 16.3	1.32	0.13 3.3	1.875 47.625	14.96 380.0	15.47 393.0	54100 241000	40900 182000
DX223197	DX270027	10.2500 260.350	16.6250 422.275	3.3906 86.121	0.27 6.8	3.171 79.171	11.50 292.0	11.22 285.0	-0.37 -9.4	1.76	0.13 3.3	2.625 66.675	15.43 392.0	15.73 399.5	92000 409000	52400 233000
DX920827	DX467768	7.5000 190.500	16.8750 428.625	4.1875 106.362	0.25 6.4	3.750 95.250	9.45 240.0	9.33 237.0	0.51 13.0	0.77	0.25 6.4	2.438 61.912	14.37 365.0	15.08 383.0	92200 410000	120000 532000
DX945918	DX497817	10.5000 266.700	17.5000 444.500	4.7500 120.650	0.25 6.4	4.625 117.475	12.40 315.0	11.69 296.9	-0.02 -0.5	1.01	0.25 6.4	3.500 88.900	15.35 390.0	16.63 422.3	128000 571000	127000 563000
DX322185	DX745007	12.5000 317.500	17.5000 444.500	2.5000 63.500	0.31 8	2.438 61.912	13.62 346.0	13.15 334.0	0.30 7.7	1.55	0.06 1.5	1.563 39.688	16.38 416.0	16.34 415.0	54400 242000	35200 156000

CONE	CUP	BORE	OD	WIDTH	Cone BF		Cone BF Backing Diameter	Cone FF Backing Diameter	Cone Effective Load Center	K Factor	Cup BF		Cup BF Backing Diameter	Cup FF Backing Diameter	C(90)	Ca(90)
					Max. Fillet Radius	Shaft Radius					Max. Housing Fillet Radius	Cup Width				
DX057209	DX148537	14.0000 355.600	17.5000 444.500	2.3750 60.325	0.14 3.5	2.375 60.325	14.72 374.0	14.57 370.0	0.28 7.2	1.90	0.13 3.3	1.875 47.625	16.61 422.0	16.93 430.0	51600 229000	27100 121000
DX866395	DX392053	12.5000 317.500	17.6250 447.675	3.3750 85.725	0.14 3.5	3.375 85.725	13.43 341.0	13.27 337.0	-0.19 -4.8	1.74	0.13 3.3	2.688 68.262	16.46 418.0	16.84 427.7	94700 421000	54300 242000
DX113748	DX903825	13.5000 342.900	17.7500 450.850	2.6250 66.675	0.33 8.5	2.625 66.675	14.69 373.0	14.17 360.0	0.35 8.9	1.66	0.14 3.5	2.063 52.388	16.73 425.0	17.13 435.0	68400 304000	41300 184000
DX480277	DX677403	11.0000 279.400	18.5000 469.900	3.7500 95.250	0.38 9.7	3.688 93.662	12.64 321.0	12.36 314.0	-0.30 -7.6	1.55	0.13 3.3	2.750 69.850	16.93 430.0	17.04 432.9	98800 440000	63800 284000
DX531287	DX992108	13.1250 333.375	18.5000 469.900	3.6525 90.488	0.25 6.4	3.563 90.488	14.29 363.0	14.06 357.0	-0.24 -6.1	1.74	0.13 3.3	2.813 71.438	17.28 439.0	17.69 449.0	113000 501000	64500 287000
DX812150	DX400852	8.0000 203.200	19.0000 482.600	4.6250 117.475	0.25 6.4	3.750 95.250	10.31 262.0	10.08 256.0	1.35 34.3	0.67	0.25 6.4	2.875 73.025	15.83 402.0	16.85 428.1	101000 450000	150000 668000
DX299118	DX957074	13.0000 330.200	19.0000 482.600	3.3750 85.725	0.25 6.4	3.156 80.167	14.17 360.0	13.82 351.0	0.19 4.8	1.49	0.13 3.3	2.375 60.325	17.68 449.0	17.87 454.0	87900 391000	590000 262000
DX105970	DX154461	9.0000 228.600	19.2500 488.950	4.8750 123.825	0.25 6.4	4.875 111.125	11.69 297.0	11.02 280.0	1.57 39.9	0.62	0.25 6.4	2.875 73.025	16.38 416.0	17.95 456.0	126000 560000	202000 898000
DX718458	DX523497	11.8100 299.975	19.5000 495.300	5.5625 141.288	0.25 6.4	5.563 141.288	13.46 342.0	13.07 332.0	-1.36 -34.5	1.76	0.25 6.4	4.500 114.300	17.64 448.0	18.40 467.0	202000 898000	115000 511000
DX175525	DX562889	15.0000 381.000	20.0000 508.000	2.5000 63.500	0.25 6.4	2.313 58.738	16.14 410.0	15.75 400.0	1.55 39.4	1.10	0.13 3.3	1.500 38.100	18.82 478.0	18.98 482.0	46300 206000	42300 188000
DX367004	DX991968	15.1875 385.762	20.2500 514.350	3.2500 82.550	0.25 6.4	3.250 82.550	16.34 415.0	15.98 406.0	0.64 16.3	1.40	0.13 3.3	2.500 63.500	18.98 482.0	19.49 495.0	95200 424000	68200 303000
DX920683	DX156221	15.0000 381.000	20.5625 522.288	3.3750 85.725	0.25 6.4	3.313 84.138	16.18 411.0	15.83 402.0	0.35 9.0	1.51	0.13 3.3	2.438 61.912	19.41 493.0	19.67 499.5	97800 435000	64600 287000
DX418857	DX275543	14.4980 368.250	20.6250 523.875	4.0000 101.600	0.25 6.4	4.000 101.600	15.75 400.0	15.51 394.0	-0.33 -8.3	1.76	0.25 6.4	3.125 79.375	19.17 487.0	19.63 499.0	139000 620000	79400 353000
DX572952	DX567479	10.0000 254.000	21.0000 533.400	5.2500 133.350	0.25 6.4	4.750 120.650	12.91 328.0	12.06 306.3	1.79 45.5	0.62	0.25 6.4	3.063 77.788	17.91 455.0	19.51 495.7	150000 669000	241000 1070000
DX910548	DX930440	17.0000 431.800	21.0000 533.400	1.8125 46.038	0.13 3.3	1.8125 46.038	17.72 450.0	17.56 446.0	0.92 23.4	1.91	0.13 3.3	1.375 34.925	20.08 510.0	20.08 510.0	43900 195000	23000 102000
DX290603	DX840999	15.1250 384.175	21.5000 546.100	4.1250 104.775	0.25 6.4	4.125 104.775	16.42 417.0	16.02 407.0	-0.28 -7.1	1.76	0.25 6.4	3.250 82.550	19.96 507.0	20.47 520.0	151000 672000	86000 382000
DX844231	DX904834	16.0000 406.400	21.5000 546.100	3.0000 76.200	0.25 6.4	2.406 61.120	17.13 435.0	16.73 425.0	1.40 35.7	1.23	0.25 6.4	2.188 55.562	19.84 504.0	20.30 515.6	66600 296000	54300 242000
DX026164	DX635265	16.1250 409.575	21.5000 546.100	3.4375 87.312	0.25 6.4	3.438 87.312	17.32 440.0	16.97 431.0	0.70 17.7	1.40	0.25 6.4	2.688 68.262	20.08 510.0	20.74 526.7	104000 461000	74100 329000
DX014632	DX966999	16.0000 406.400	21.6250 549.275	3.3750 85.725	0.25 6.4	3.313 84.138	17.20 437.0	16.81 427.0	0.61 15.6	1.43	0.13 3.3	2.438 61.912	20.43 519.0	20.72 526.3	101000 448000	70300 313000
DX429060	DX287889	17.0000 431.800	21.7500 552.450	1.7500 44.450	0.13 3.3	1.750 44.450	17.95 456.0	17.80 452.0	1.03 26.2	1.83	0.13 3.3	1.250 31.750	20.91 531.0	20.91 531.0	44000 196000	24000 107000
DX642044	DX911308	10.0000 254.000	22.0000 558.800	4.8750 123.825	0.31 7.9	4.125 104.775	12.48 317.0	12.13 308.0	1.92 48.8	0.67	0.31 8	2.750 69.850	18.78 477.0	19.76 501.9	126000 562000	189000 839000
DX843270	DX231946	12.0000 304.800	22.0000 558.800	5.3750 136.525	0.05 1.3	5.375 136.525	13.19 335.0	13.19 335.0	-0.96 -24.3	1.48	0.25 6.4	3.875 98.425	19.72 501.0	20.24 514.2	190000 844000	128000 571000
DX979700	DX619818	18.0000 457.200	22.5625 573.088	2.9375 74.612	0.25 6.4	2.938 74.612	19.09 485.0	18.70 475.0	1.07 27.2	1.45	0.25 6.4	2.250 57.150	21.38 543.0	21.97 558.0	86600 385000	59600 265000
DX758217	DX257975	15.0000 381.000	23.2500 590.550	4.5000 114.300	0.25 6.4	4.500 114.300	16.73 425.0	16.34 415.0	-0.37 -9.4	1.76	0.25 6.4	3.500 88.900	21.61 548.9	22.14 562.4	175000 779000	99700 444000
DX475238	DX257975	16.3750 415.925	23.2500 590.550	4.5000 114.300	0.25 6.4	4.500 114.300	17.76 451.0	17.36 441.0	-0.37 -9.4	1.76	0.25 6.4	3.500 88.900	21.61 548.9	22.14 562.4	175000 779000	99700 444000
DX206794	DX235983	18.0000 457.200	23.5000 596.900	3.0000 76.200	0.38 9.7	2.875 73.025	19.45 494.0	18.82 478.0	1.05 26.7	1.44	0.13 3.3	2.125 53.975	22.32 567.0	22.47 570.0	86800 386000	60100 267000
DX212202	DX416731	17.0000 431.800	23.7500 603.250	3.0000 76.200	0.25 6.4	2.875 73.025	18.35 446.0	17.99 456.9	1.85 47.0	1.11	0.25 6.4	2.000 50.800	21.97 558.0	22.16 562.8	69100 307000	62100 276000
DX714478	DX822676	18.0000 457.200	23.7500 603.250	3.3750 85.725	0.25 6.4	3.313 84.138	19.25 489.0	18.86 479.0	1.20 30.5	1.29	0.13 3.3	2.375 60.325	22.44 570.0	22.82 579.7	105000 466000	81300 362000
DX184535	DX443953	16.0000 406.400	24.0000 609.600	3.6250 92.075	0.27 6.8	3.313 84.138	17.44 443.0	17.28 439.0	0.47 12.0	1.52	0.25 6.4	2.375 60.325	22.32 567.0	22.44 570.0	113000 502000	74100 330000

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