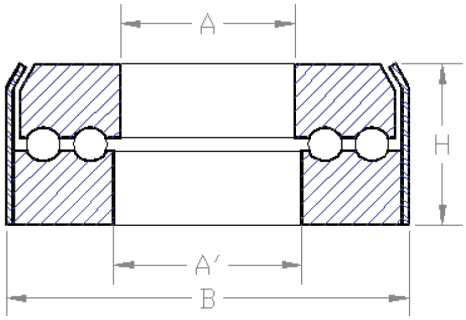
Auburn Totally Enclosed Style T-200-RG, Double Grooved Ball Thrust Bearing

T-200-RG

The T-200-RG Series is recommended for use where maximum carrying capacity is desired but where there are height limitations. The balls are retained between two hardened steel races banded together by a mild steel or brass sleeve on the outside diameter. The double grooved raceways provide increased capacity without increasing the overall height of the bearing.



T-200-RG Mounting Instructions

The T-200-RG Series is generally installed with the fitted bore A, centered on the shaft and rotating with it; the clearance bore A' (the race with the sleeve attached to it) seats against a fixed part of the machine and remains stationary. If installed in a recess, a clearance of one eighth of an inch, or more should be left around the outside diameter B, in case the shaft wears in its journal bearings. If this should happen, the clearance allowed on the outside diameter will prevent the balls from wedging.

Please note: Part numbers with a grey background indicate items normally stocked in Macedon, NY.

DIMENSIONS IN INCHES											THRUST LOAD CAPACITY IN POUNDS AT VARIOUS SPEEDS				
Bearing Number	A Bore	A Tolerance	A' Bore	A' Tolerance -.000	B Outside Diameter	B Tolerance + or -	H Height	H Tolerance + or -	Balls No. - Size	Bearing Weight in Lbs.	5 RPM	25 RPM	100 RPM	300 RPM	500 RPM
DD-1	1	+.001 +.003	1-3/32	+.015	3-1/4	.015	7/8	.005	34-3/8	1.45	16015	9865	6500	4670	4005
DD-2	1-1/2	+.001 +.003	1-17/32	+.015	4	.015	1	.005	38-7/16	2.58	22580	13910	9165	6580	5645
DD-3	2	+.001 +.003	2-1/32	+.015	4-7/8	.031	1-1/8	.005	42-1/2	4.10	30120	18555	12225	8780	7530
DD-4	2-1/2	+.001 +.003	2-17/32	+.015	5-3/4	.031	1-1/4	.005	44-9/16	6.06	37860	23320	15365	11035	9460
DD-5	3	+.001 +.003	3-1/32	+.015	6-3/4	.031	1-3/8	.005	48-5/8	8.83	47000	28950	19075	13700	11750
DD-6	3-1/2	+.002 +.004	3-17/32	+.015	7-3/4	.031	1-1/2	.005	50-11/16	12.30	56115	34570	22775	16360	14025
DD-7	4	+.002 +.004	4-1/32	+.015	8-3/4	.031	1-5/8	.005	52-3/4	16.69	65750	40505	26685	19170	16435
DD-8	4-1/2	+.003 +.007	4-9/16	+.015	9-1/2	.031	1-3/4	.005	52-13/16	20.64	75570	46550	30670	22030	18910
DD-9	5	+.003 +.007	5-1/16	+.015	10-1/4	.031	1-7/8	.005	52-7/8	26.47	85475	52655	34690	24920	21365
DD-10	5-1/2	+.003 +.007	5-9/16	+.015	11-1/4	.031	2-1/4	.005	51 - 1	36.96	106915	65860	43390	31170	26725
DD-11	6	+.003 +.007	6-1/16	+.015	12-1/2	.031	2-1/2	.005	51 - 1 1/8	52.51	129585	79825	52590	37780	32395
DD-12	6-1/2	+.010 +.015	6-9/16	+.015	13-3/4	.031	2-3/4	.005	51 - 1 1/4	72.21	153140	94335	62150	44645	38285
402	2	+.001 +.003	2-1/32	+.015	4-1/8	.015	13/16	.005	50-3/8	1.85	19035	11725	7725	5550	4760
504	2-1/4	+.001 +.003	2-9/32	+.015	5-1/4	.031	1	.005	52-7/16	4.10	25145	15490	10205	7330	6290
508	2-1/2	+.001 +.003	2-17/32	+.015	5-1/2	.031	1	.005	66-3/8	3.55	18840	11605	7645	5490	4710
508F	3-11/16	+.002 +.004	3-23/32	+.015	5-1/2	.031	1	.005	75-3/8	3.16	17790	10960	7225	5185	4450
600	2-1/2	+.001 +.003	2-17/32	+.015	6	.031	1-7/8	.005	37-11/16	10.39	49825	30690	20220	14525	12445
1204	5-1/2	+.003 +.007	5-9/16	+.015	12-1/4	.031	2-1/2	.005	48-1 1/8	55.60	126990	78225	51535	37025	31695