

# SC-114-RG Auburn Totally Enclosed Style SC-114-RG Ball Thrust Bearing



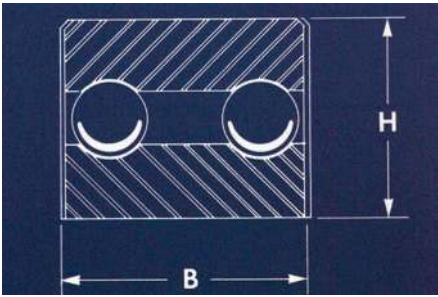
The SC-114-RG Series is recommended for use in exposed locations where protection from foreign matter is required. The one piece design answers the need for an easily installed bearing requiring a minimum of machine work. The balls are retained between two hardened steel races banded together by a mild steel or brass sleeve on the outside diameter. The round grooved raceways, combined with thick race sections, provide unusual capacity and life for its overall size.

The small pitch diameter of the ball grooves for a given shaft diameter, and the large diameter balls give a relatively low peripheral ball speed.

### SC-114-RG Mounting Instructions

The SC-114-RG Series is generally installed so that the race with the sleeve attached to it seats against a fixed part of the machine and is stationary.

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



Bearing Number	DIMENSIONS IN INCHES						THRUST LOAD CAPACITY IN POUNDS AT VARIOUS SPEEDS							
	B Outside Diameter	B Tolerance +.000	H Height	H Tolerance + or -	Balls No. - Size	Bearing Weight in Lb.s	5 RPM	25 RPM	50 RPM	100 RPM	300 RPM	500 RPM	1000 RPM	1500 RPM
SC-0010	$5/8$	-.002	$7/16$	.005	$6-5/32$	.02	840	515	420	340	245	210	170	150
SC-0011	$11/16$	-.002	$1/2$	.005	$6-3/16$	.05	1185	730	590	480	345	295	240	210
SC-0012	$3/4$	-.002	$9/16$	.005	$5-7/32$	.06	1345	825	670	545	390	335	275	240
SC-0013	$13/16$	-.002	$5/8$	.005	$5-1/4$	.08	1735	1070	870	705	505	435	355	310
SC-0014	$7/8$	-.002	$11/16$	.005	$6-1/4$	.11	2035	1250	1015	825	590	510	415	365
SC-0015	$15/16$	-.002	$3/4$	.005	$5-9/32$	.12	2155	1330	1080	875	630	540	440	385
SC-1000	1	-.003	$3/4$	.005	$6-9/32$	.14	2540	1565	1270	1030	740	635	515	455
SC-1001	$1-1/16$	-.003	$7/8$	.005	$5-11/32$	.19	3115	1920	1560	1265	910	780	635	560
SC-1002	$1-1/8$	-.003	$7/8$	.005	$5-11/32$	.25	3115	1920	1560	1265	910	780	635	560
SC-1003	$1-3/16$	-.003	$15/16$	.005	$5-3/8$	.26	3660	2255	1830	1485	1065	915	750	660
SC-1007	$1-7/16$	-.004	$1-3/16$	.005	$6-13/32$	.46	4990	3075	2495	2025	1455	1250	1015	890
SC-1011	$1-11/16$	-.004	$1-1/4$	.005	$5-9/16$	.69	7590	4675	3795	3080	2215	1900	1540	1365
SC-1015	$1-15/16$	-.005	$1-5/16$	.005	$5-5/8$	.92	9140	5630	4570	3710	2665	2285	1855	1645
SC-2003	$2-3/16$	-.006	$1-11/16$	.005	$5-3/4$	1.66	12540	7725	6270	5090	3655	3135	2545	2255
SC-2007	$2-7/16$	-.006	$1-7/8$	.005	$5-13/16$	2.24	14380	8855	7190	5835	4190	3595	2920	2580
SC-2012	$2-3/4$	-.007	$2-1/4$	.005	$6-27/32$	3.26	18050	11120	9025	7325	5260	4510	3665	3245
SC-2015	$2-15/16$	-.008	$2-1/2$	.005	5 - 1	3.65	20400	12570	10200	8280	5950	5100	4140	3665
SC-3003	$3-3/16$	-.008	$2-5/8$	.005	5 - $1-1/16$	5.46	22520	13875	11260	9140	6565	5630	4570	4045
SC-3007	$3-7/16$	-.009	$2-13/16$	.005	6 - $1-1/16$	6.25	26540	16350	13270	10770	7735	6635	5385	4770
SC-3015	$3-15/16$	-.010	$2-3/4$	.005	6 - $1-1/4$	8.41	34570	21295	17235	14030	10080	8645	7015	6210