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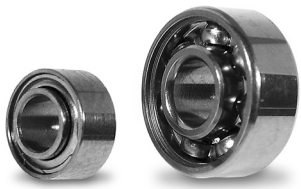
ABEC 3
.0002 / .0005 RADIAL PLAY

› MATERIAL:
440C Stainless Steel

› LOAD RATING

Bearing Code	Dynamic lbf	Static lbf
1504	17	6
1805	26	9
2507	36	14
1809	14	6
3109	59	24
2512	33	13
3112	60	24
3712		
3712W	66	26
3115	33	14
3118		
3718	76	33
5018	140	59
3725	37	17
5025	114	57
6225	159	70
5031	56	31



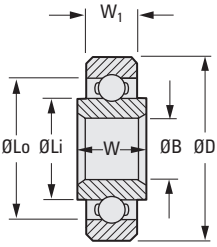


Fig. 1
No Shield

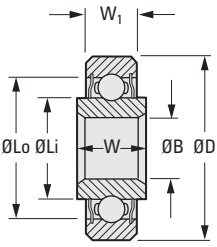


Fig. 2
Double Shield

NOTE: Land Diameters Li Inner and Lo Outer are for reference only; these dimensions may vary from what is stated on the page. If this is a critical dimension - Call the Engineering Dept. for assistance.

INCH COMPONENT CATALOG NUMBER

A 7Y55 – □□□□□□□□

Fig. 1, No Shield **E**
Fig. 2, Double Shield **ESS**

Bearing Code

Lubrication
Leave Blank for Oil, MIL-L-6085A
M Grease, MIL-G-23827A
G Grease, Beacon 325 Commercial
Other lubricants available on special order.

Example:
A 7Y55-E2512 is an ABEC 3, No-Shield Bearing with 1/8 Bore and 1/4 O.D.

Bearing Code	B Bore +.0000 -.0002	D Outer Ring Dia. +.0000 -.0003	Width +.000 -.005				Land Dia. (Ref.)	
			Inner		Outer		Li Inner	Lo Outer
			W Fig. 1	W Fig. 2	W_1 Fig. 1	W_1 Fig. 2	Fig. 1 & 2	
1504	.0469	.1562	.0937	.1250	.0625	.0937	.077	.123
1805	.0550	.1875	.1094	.1406	.0781	.1094	.091	.150
2507	.0781	.2500	.1250	.1719	.0937	.1406	.122	.193
1809	.0937	.1875	.0937	.1250	.0625	.0937	.117	.163
3109		.3125	.1406	.1719	.1094	.1406	.176	.269
2512	.1250	.2500	.1250	.1406	.0937	.1094	.157	.217
3112		.3125	.1406	.1719	.1094	.1406	.176	.269
3712		.3750					.204	.297
3712W			.1875	.1875	.1562	.1562	.200	.321
3115	.1562	.3125	.1406	.1562	.1094	.1250	.220	.279
3118	.1875							
3718		.3750	.1562		.1250		.232	.329
5018		.5000	.2272	.2272	.1960	.1960	.276	.433
3725	.2500	.3750	.1562	.1562	.1250	.1250	.283	.342
5025		.5000		.2188		.1875	.330	.429
6225		.6250	.2260	.2260	.1960	.1960	.364	.544
5031	.3125	.5000	.1875	.1875	.1562	.1562	.362	.449