

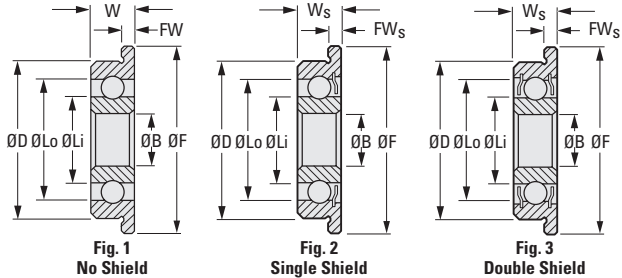
ABEC 3
.0002 / .0005 RADIAL PLAY

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> MATERIAL:
440C Stainless Steel

> LOAD RATING

Bearing Code	Dynamic lbf	Static lbf
1504	12.8	4.25
1805	22.4	7.68
2507	28.0	9.68
1809	15.2	5.20
3109	48.0	17.60
2512	26.4	9.76
3112	48.0	17.60
3712		
3712W	58.4	23.20
3115	36.0	13.60
3118		
3718	60.8	24.80
5018	118.4	51.20
3725	34.4	16.00
5025	70.4	32.00
6225	134.4	61.60
5031	74.4	34.40
8737	637.0	256.00



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 **F**
Fig. 2, Single Shield **FS**
Fig. 3, Double Shield **FSS**

Bearing Code

Lubrication

- Leave Blank for Oil, MIL-PRF-6085
 - M** Grease, MIL-PRF-23827C
 - G** Grease, Beacon 325 Commercial
- Other lubricants available on special order.

Example:
A 7Y55-FS3718 is an ABEC 3, Single-Shielded Bearing with 3/16 Bore and 3/8 O.D.

Bearing Code	B Bore +.0000 - .0002	D Outer Ring Dia. +.0000 - .0003	Width +.000 - .005		Flange Width +.000 - .002		F Flange Dia. +.005 - .002	Land Dia. (Ref.)			
			W	Ws	FW	FWs		Li Inner		Lo Outer	
								All	Fig. 1	Fig. 2 & 3	
1504	.0469	.1562	.0625	.0937	.013	.031	.203	.081	.124	.134	
1805	.0550	.1875	.0781	.1094	.023		.234	.093	.159	.167	
2507	.0781	.2500	.0937	.1406	.023		.296	.122	.193	.205	
1809	.0937	.1875	.0625	.0937	.018		.234	.118	.161	.167	
3109		.3125	.1094	.1406	.023		.359	.173	.270	.282	
2512	.1250	.2500	.0937	.1094	.023		.296	.161	.216	.228	
3112		.3125	.1094	.1406	.023		.359	.173	.270	.282	
3712		.3750	.1562	.1562	.030		.030	.422	.200	.300	.321
3712W		.3750	.1562	.1562	.030		.030	.440	.200	.300	.321
3115	.1562	.3125	.1094	.1250	.023		.036	.359	.221	.279	.285
3118	.1875		.3750	.1250	.1250	.023	.031	.422	.235	.325	.341
3718	.1875	.5000	.1562	.1960	.042	.042	.565	.276	.412	.433	
5018		.3750	.1250	.1250	.023	.036	.422	.285	.341	.348	
3725	.2500	.5000	.1875	.1875	.023	.045	.547	.330	.431	.452	
5025		.6250	.1960	.1960	.042	.042	.690	.364	.510	.544	
6225	.3125	.5000	.1562	.1562	.031	.031	.547	.362	.450	.460	
5031		.8750	.2812	.2812	.062	.062	.969	.521	.741	.783	
8737	.3750	.8750	.2812	.2812	.062	.062	.969	.521	.741	.783	

