

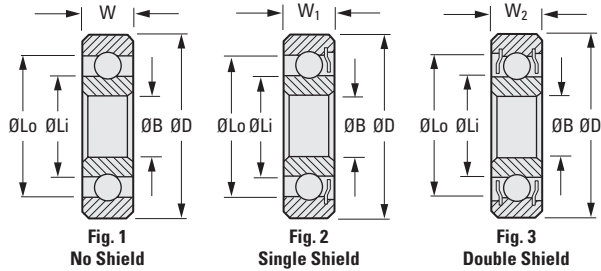
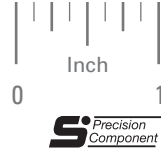
ABEC 5 AND 7
.0002 / .0005 RADIAL PLAY

PHONE: 516.328.3300 • FAX: 516.326.8827 • WWW.SDP-SI.COM

> **MATERIAL:**
440C Stainless Steel

> **LOAD RATING**

Bearing Code	Dynamic lbf	Static lbf
0415	16	5
0518	26	9.5
0725	35	13
0918	21	7.5
0931	62	24
1225	35	13
1231	63	24
1237		
1238	73	29
1250		
1531	41	17
1831		
1837	81	34
1850	149	65
2537	43	20
2550	123	54
2562	170	77
3150	62	31
3787	569	273



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

S9912Y - **PS**
 ABEC 5 **E** | Bearing Code
 ABEC 7 **G** |
 Fig. 1, No Shield **0**
 Fig. 2, Single Shield **1**
 Fig. 3, Double Shield **2**

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:
 S9912Y-E1837PS1G is an ABEC 5, Single-Shielded, Greased Bearing with 3/16 Bore and 3/8 O.D.

Bearing Code	B Bore +.0000 - .0002	D Outer Ring Dia. +.0000 - .0002	Width +.000 - .001			Land Dia. (Ref.)		
			W Fig. 1	W ₁ Fig. 2	W ₂ Fig. 3	Li Inner Lo Outer		
						All	Fig. 1	Fig. 2 & 3
0415	.0469	.1562	.0625		.0937	.081	.124	.134
0518	.0550	.1875	.0781			.093	.159	.167
0725	.0781	.2500	.0937	.1094	.1406	.122	.193	.205
0918		.1875	.0625	.0937	.0937	.118	.161	.167
0931	.0937	.3125	.1094	.1094	.1406	.173	.270	.282
1225		.2500	.0937	.0937	.1094	.161	.216	.228
1231		.3125		.1094	.1094	.173	.270	.282
1237	.1250		.1094	.1094	.1406		.270	.282
1238		.3750	.1562	.1562	.1562		.300	.321
1250		.5000	.1719	.1719	.1719	.200		.321
1531	.1562		.3125	.1094		.221	.279	.285
1831		.3125	.1094	.1094	.1250		.279	.285
1837	.1875	.3750	.1250	.1250		.235	.325	.341
1850		.5000	.1562	.1960	.1960	.276	.412	.433
2537		.3750	.1250	.1250	.1250	.285	.344	.348
2550	.2500	.5000		.1250		.330	.431	.452
2562		.6250	.1960	.1960	.1960	.364	.510	.544
3150	.3125	.5000	.1562	.1562	.1562	.362	.450	.460
3787	.3750	.8750	.2188	.2812	.2812	.521	.741	.783

