

FEMALE PLASTIC ROD END BEARINGS



MAINTENANCE-FREE
 SELF-LUBRICATING
 LIGHTWEIGHT
 COMPENSATES FOR ALIGNMENT ERRORS
 AND EDGE LOADS

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



> MATERIAL:

Body - Thermoplastic
Balls - L280® Polymer

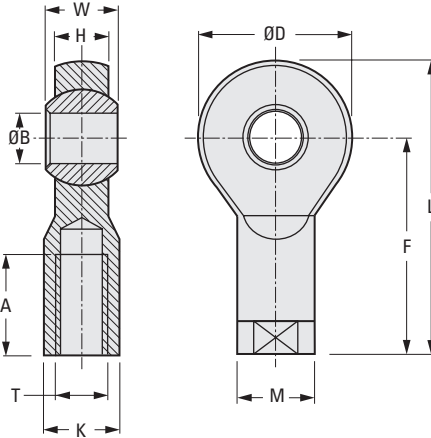
> OPERATING TEMPERATURE:

-40°F to +194°F

> SPECIFICATIONS:

Bore Tolerance:
 .2500 to .3750 +.0033/+0.010
 .5000 & .6250 +.0040/+0.013
 .7500 & 1.0000 +.0049/+0.016

For additional information concerning the bearing material, see page 5-110.



INCH COMPONENT

Catalog Number *	B Bore	D Dia.	T Thread Size	M	H	W	F	A	L	K Wrench Size	Shaft Size	
											Max.	Min.
S62GFR-025075 <input type="checkbox"/>	.2500	.750	1/4-28	.469	.272	.365	1.312	.687	1.687	.375	.2500	.2485
S62GFR-031088 <input type="checkbox"/>	.3125	.875	5/16-24	.500	.340	.437	1.375	.687	1.813	.437	.3125	.3110
S62GFR-038100 <input type="checkbox"/>	.3750	1.000	3/8-24	.687	.394	.500	1.625	.812	2.125	.562	.3750	.3735
S62GFR-050131 <input type="checkbox"/>	.5000	1.312	1/2-20	.875	.487	.625	2.125	1.062	2.781	.750	.5000	.4983
S62GFR-063150 <input type="checkbox"/>	.6250	1.500	5/8-18	1.000	.545	.750	2.500	1.375	3.250	.875	.6250	.6235
S62GFR-075175 <input type="checkbox"/>	.7500	1.750	3/4-16	1.125	.676	.875	2.875	1.562	3.750	1.000	.7500	.7479
S62GFR-100275R	1.0000	2.750	1-12	1.625	1.000	1.375	4.125	2.125	5.500	1.500	1.0000	.9980

* To complete Catalog Number, specify R for Right-Hand Thread or L for Left-Hand Thread.

Catalog Number (Ref.)	Max. Angle of Pivot	Min. Thread Engagement in.	Max. Thread Strength lbf ft.	Max. Static Tensile Strength lbf		Max. Radial Load lbf	
				Short-Term	Long-Term	Short-Term	Long-Term
S62GFR-025075 <input type="checkbox"/>	25°	.480	3.68	248	124	90	45
S62GFR-031088 <input type="checkbox"/>	25°	.480	4.42	383	192	112	56
S62GFR-038100 <input type="checkbox"/>	22°	.568	5.16	450	225	225	112
S62GFR-050131 <input type="checkbox"/>	22°	.743	16.96	585	293	337	169
S62GFR-063150 <input type="checkbox"/>	22°	.962	22.12	1103	551	382	191
S62GFR-075175 <input type="checkbox"/>	22°	1.093	29.50	1260	630	517	259
S62GFR-100275R	20°	1.488	33.92	1349	674	584	293

