

SELF-LUBRICATING
CORROSION- AND DIRT-RESISTANT
LIGHTWEIGHT
MAINTENANCE-FREE
VIBRATION DAMPENING
SECURED BY RETAINING RING (NOT INCLUDED)

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



SDPSI • SDPSI



> MATERIAL:

J® Polymer

> OPERATING TEMPERATURE:

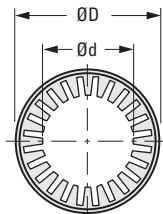
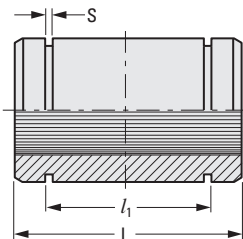
Continuous: -14°C to +90°C

Intermittent: up to +120°C

> SHAFT REQUIREMENTS:

Hard anodized aluminum, 8-16 RMS surface finish. Other materials such as stainless steel, ceramic, case-hardened steel & chrome plated steel can be used, but if hardness is below HRC 50 and surface finish is outside 8-16 RMS, overall service life may be affected.

Recommended for use with shafts,
Catalog Number: **S40AW6M...**



> SPECIFICATIONS:

d Tolerance:

8 mm +0.061/+0.025

10 to 16 mm +0.075/+0.032

20 to 30 mm +0.092/+0.040

40 mm +0.112/+0.050

50 mm +0.134/+0.060

D Tolerance:

16 mm 0/-0.018

19 to 26 mm 0/-0.021

32 to 47 mm 0/-0.025

62 & 75 mm 0/-0.030

> APPLICABLE RETAINING RINGS

Bearing Reference	Catalog Numbers
	Retaining Ring
S99GSPM0816025	—
S99GSPM1019029	MD0471MQB019
S99GSPM1222032	MD0471MQB022
S99GSPM1628036	MD0471MQB026
S99GSPM2032045	MD0471MQB032

Bearing Reference	Catalog Numbers
	Retaining Ring
S99GSPM2540058	MD0471MQB040
S99GSPM3047068	MD0471MQB047
S99GSPM4062080	MD0471MQB062
S99GSPM5075100	MD0471MQB075

METRIC COMPONENT

Catalog Number	d Bore	D Dia. h7	L Length 0 -0.3	l ₁ Groove Distance +2.5 0	S Groove Width +0.1 0	Load Capacity		Weight g
						Dynamic N	Static N	
S99GSPM0816025	8	16	25	16.2	1.1	249	1748	9
S99GSPM1019029	10	19	29	21.6	1.3	360	2535	14
S99GSPM1222032	12	22	32	22.6		476	3558	21
S99GSPM1628036	16	26	36	24.6	1.6	716	5035	28
S99GSPM2032045	20	32	45	31.2		1121	7873	49
S99GSPM2540058	25	40	58	43.7	1.85	1810	12686	108
S99GSPM3047068	30	47	68	51.7		2549	17846	162
S99GSPM4062080	40	62	80	60.3	2.15	3999	27997	334
S99GSPM5075100	50	75	100	77.3	2.65	6250	43748	579