

SELF-LUBRICATING  
CORROSION- AND DIRT-RESISTANT  
MAINTENANCE-FREE  
VIBRATION DAMPENING

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



**› MATERIAL:**

**Body** - Aluminum, Anodized  
**Liner** - J® Polymer

**› OPERATING TEMPERATURE:**

**Continuous:** -14°C to +90°C  
**Intermittent:** up to +120°C

**› SHAFT REQUIREMENTS:**

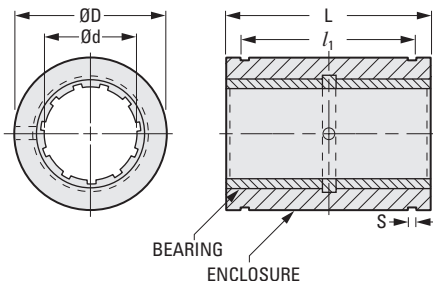
Hard anodized aluminum, 8-16 RMS surface finish. Other materials such as stainless steel, ceramic, case-hardened steel & chrome plated steel can be used, but if hardness is below HRC 50 and surface finish is outside 8-16 RMS, overall service life may be affected.

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

**› SPECIFICATIONS:**

d Tolerance:  
10 to 16 mm +0.088/+0.030  
20 & 25 mm +0.091/+0.030  
30 mm +0.110/+0.040  
40 mm +0.115/+0.040  
50 mm +0.130/+0.050

D Tolerance:  
19 to 26 mm 0/-0.021  
32 to 47 mm 0/-0.025  
62 & 75 mm 0/-0.030



**APPLICABLE RETAINING RINGS**

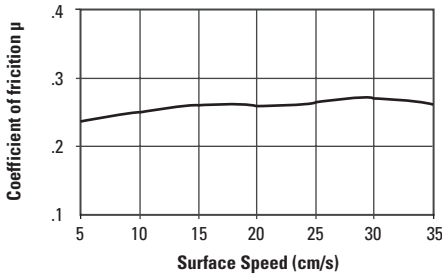
Bearing Reference	Catalog Numbers
	Retaining Ring
S99GLPM101929	<b>MD0471MQB019</b>
S99GLPM122232	<b>MD0471MQB022</b>
S99GLPM162636	<b>MD0471MQB026</b>
S99GLPM203245	<b>MD0471MQB032</b>
S99GLPM254058	<b>MD0471MQB040</b>
S99GLPM304768	<b>MD0471MQB047</b>
S99GLPM406280	<b>MD0471MQB062</b>
S99GLPM5075A0	<b>MD0471MQB075</b>

**METRIC COMPONENT**

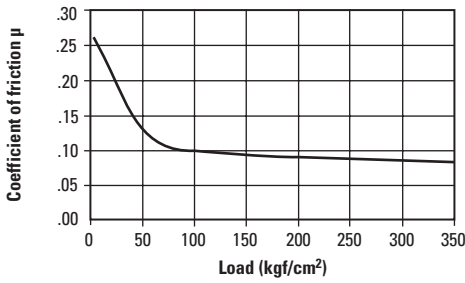
Catalog Number	d Bore	D Dia. h7	L Length	L <sub>1</sub> Retaining Groove Distance	S Groove Width	Load Capacity	
						Dynamic N	Static N
<b>S99GLPM101929</b>	10	19	29	21.6	1.30	725	5075
<b>S99GLPM122232</b>	12	22	32	22.6		961	6721
<b>S99GLPM162636</b>	16	26	36	24.6		1441	10080
<b>S99GLPM203245</b>	20	32	45	31.2	1.60	2251	15751
<b>S99GLPM254058</b>	25	40	58	43.7	1.85	3625	25372
<b>S99GLPM304768</b>	30	47	68	51.7		5098	35696
<b>S99GLPM406280</b>	40	62	80	60.3		2.15	7998
<b>S99GLPM5075A0</b>	50	75	100	77.3	2.65	12499	87496

5-24  
D815

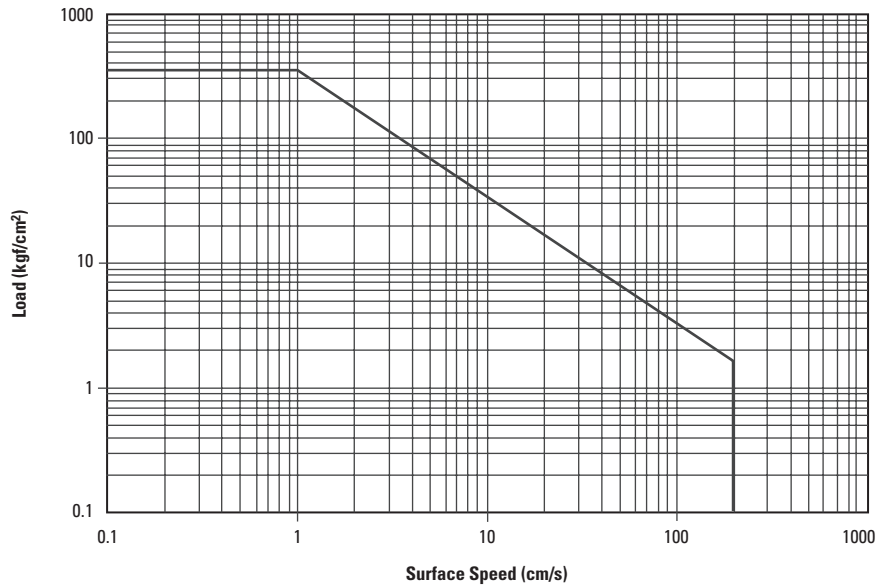
REV:  
2/27/23



**Graph 1: Coefficient of friction of J<sup>®</sup> Polymer as a result of the surface speed;  $p = 7.6 \text{ kgf/cm}^2$**



**Graph 2: Coefficient of friction of J<sup>®</sup> Polymer as a result of load,  $v = 1 \text{ cm/s}$**



**Graph 3: Permissible  $p \times v$  value for J<sup>®</sup> Polymer running dry against steel shaft, at 20° C**

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