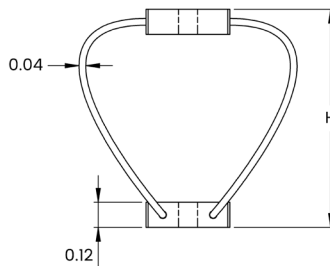
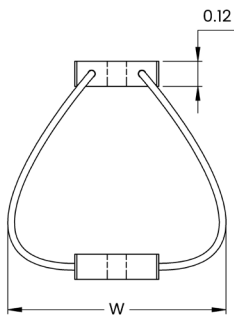
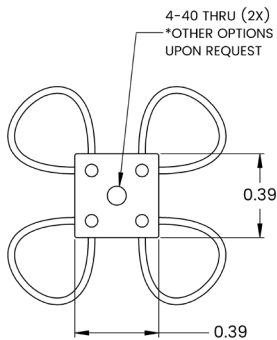


MODEL: MPO0B SERIES



- All metal multidirectional anti-vibration/shock mounts
- Exceptional reliability and long life
- High damping
- No aging
- Corrosion resistant
- Superior temperature range: -290°F to +570°F
- Great adaptability/versatility
- Custom materials and sizes available



M	P	0	0	B	-	4	4	I	2
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Prefix:
'polycal' isolator
from the MP00 series

*Fixture hole
option

-44	0.67	0.75	0.11
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Model	height H (in)	width W (in)	weight (ozf)
-44	0.67	0.75	0.11
-46	0.75	0.79	0.11
-48	0.91	0.91	0.12
-50	1.02	1.02	0.12
-55	1.10	1.10	0.12
-60	1.22	1.22	0.13

TYPICAL SHOCK/VIBRATION SPECIFICATIONS:

Ground Forces

GAM EG13A, SEFT 001, MIL-STD-810, VG 95332.

Air

AIR 7306, MIL-E-5400, MIL-C-172, MIL-STD-810.

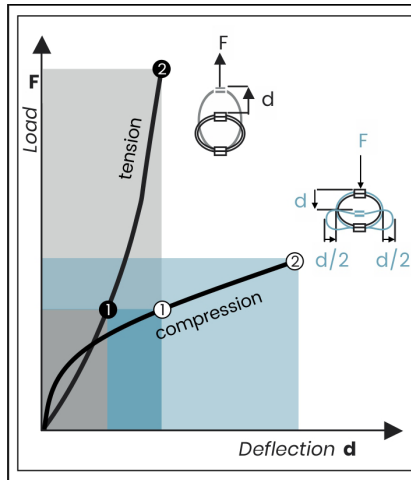
Marine

GAM EG13C, IT25-21/96-31/15-86, MIL-S-901, STANAG 042, BV 043.73, BV 044.

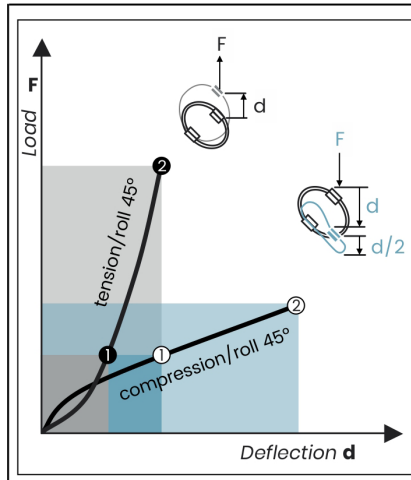
Others

GAM EMB1, GAM EMBT4, DEF STAN 07-55, IEC 571, FINABEL 2C

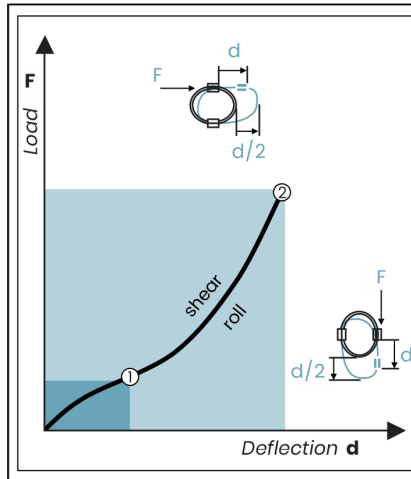
MODEL: MPO0B SERIES



MP00B Series		Compression and Tension							
		Model		-44	-46	-48	-50	-55	-60
① Max Static	Compression	F	lbf	0.24	0.21	0.14	0.10	0.08	0.06
		d	in	0.07	0.08	0.11	0.13	0.15	0.17
② Max Shock		F	lbf	0.72	0.63	0.42	0.29	0.23	0.18
		d	in	0.35	0.43	0.57	0.67	0.74	0.85
③ Max Vibration		2a	in	0.04	0.05	0.06	0.07	0.08	0.09
		f	Hz	13	11	9.6	9.0	8.6	8.1
① Max Static	Tension	F	lbf	0.24	0.21	0.14	0.10	0.08	0.06
		d	in	0.05	0.06	0.07	0.09	0.10	0.12
② Max Shock		F	lbf	2.5	2.0	1.3	0.94	0.78	0.60
		d	in	0.23	0.24	0.30	0.39	0.45	0.54
③ Max Vibration		2a	in	0.03	0.03	0.03	0.04	0.05	0.06
		f	Hz	18	17	15	13	13	12



MP00B Series		Compression/Roll 45° and Tension/Roll 45°							
		Model		-44	-46	-48	-50	-55	-60
① Max Static	Comp/Roll 45°	F	lbf	0.18	0.16	0.10	0.07	0.06	0.04
		d	in	0.12	0.14	0.19	0.23	0.26	0.30
② Max Shock		F	lbf	0.44	0.38	0.25	0.18	0.14	0.11
		d	in	0.53	0.64	0.85	1.0	1.1	1.3
③ Max Vibration		2a	in	0.06	0.07	0.09	0.11	0.12	0.14
		f	Hz	11	9.3	8.0	7.5	7.2	6.8
① Max Static	Tension/Roll 45°	F	lbf	0.18	0.16	0.10	0.07	0.06	0.04
		d	in	0.08	0.09	0.11	0.14	0.16	0.19
② Max Shock		F	lbf	1.2	1.0	0.63	0.45	0.38	0.29
		d	in	0.26	0.27	0.34	0.44	0.51	0.61
③ Max Vibration		2a	in	0.03	0.03	0.04	0.05	0.06	0.07
		f	Hz	16	16	14	12	29	11



MPO0B Series			Shear or Roll						
			Model		-44	-46	-48	-50	-55
① Max Static	Shear or Roll	F	lbf	0.12	0.11	0.07	0.05	0.04	0.03
		d	in	0.15	0.19	0.26	0.32	0.36	0.41
② Max Shock		F	lbf	0.58	0.46	0.30	0.21	0.18	0.14
		d	in	0.34	0.38	0.50	0.61	0.68	0.81
③ Max Vibration		2a	in	0.04	0.04	0.05	0.07	0.08	0.09
		f	Hz	14	13	11	10	9.8	9.1

1. Max static load (F) with corresponding deflection (d)

2. Max shock load (F) with corresponding deflection (d)

3. Uncoupled resonant frequency (f) under max static loading and max peak to peak sinusoidal vibration input (2a)

IMPORTANT: Performance characteristics are given here for reference only. They can be increased under specific conditions. Contact Vibro/Dynamics.

NOTE: Isolator data subject to change without notice.

10/10/2019