Polymer Technologies Inc. Engineering Sound Solutions™

Elastomeric Solutions Division

Technical Data Sheet Materials Specifications For:

Fail Safe Compression Mount Series: 1805



Attributes

- Rugged construction
- Easy to install
- Axial to radial stiffness of 6:1

Applications

- 1-4 cylinder diesel engines
- Power generation
- Construction equipment
- Agricultural equipment
- Electric motors
- Off road vehicles

Benefits

- Excellent isolation for 1-4 cylinder engines
- Fail safe construction
- Multiple load ranges that overlap

Load Range

• 1805 = 5 load ratings to 420 lbs.

SNUBBING WASHERS

SERIES	P/N	O.D "	I.D"	THICKNESS"	MATERIAL	FINISH
1805	SW-2130-0532-0134-SW	2.13"	.532"	.134"	1010-1020 CRS	Clear Zinc

Specifications

- Natural Frequency 10-20 Hertz
- Transmissibility at resonance 10:1
- Resilient Element Neoprene
- Standard materials Zinc plated steel
- Weight 1805 = 9 oz.

Elastomeric Data

- Neoprene elastomer has an operating temperature range of -40°F to +200°F (-40°C to +93°C) and is resistant to most solvents, oils and ozone.
- Other materials are available upon request.

Specifications subject to change without notice. Check with factory for latest revisions. The Federal Trade Commission considers no existing test methods or standards regarding flammability as accurate indictors of the performance of cellular plastic materials under actual fire conditions. Results of existing test methods, such as UL-94, MVSS-302, SAE J-369, and FAR 25.853 are intended only as measurements of the performance of such materials under specific controlled test conditions. Any flammability ratings shown are not intended to reflect hazards presented by these materials under actual fire conditions. The information contained herein is based on laboratory test data developed for PTI and is believed to be reliable, but its accuracy or completeness is not guaranteed. The buyer must test any product to determine the suitability for h is specific application before use. PTI DISCLAIMS ANY RESPONSIBILITY FOR: 1) WARRANTIES OF FITNESS AND PURPOSE, 2) VERBAL RECOMMENDATIONS, 3) CONSEQUENTIAL DAMAGES FROM USE AND 4) VIOLATION OF ANY PATENTS OF TRADEMARKS HELD BY OTHERS.

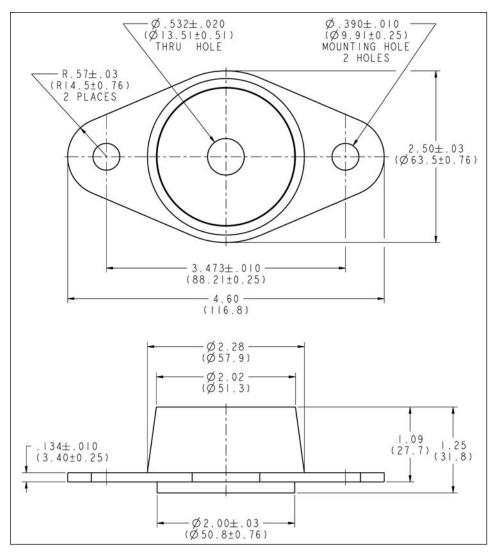


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Part #	Nominal Axial Load (lbs.)	Axial Stiffness at .10" Deflection (lbs./in.)	Transmissibility	Free Height (max. in.)	Resilient Materials	Structural Materials	Core Style	Center Hole	Flange Hole	Color Code
1805-2	100	1000	10:1	1.25	Neoprene	Steel	Thru Hole	.532	.390	Yellow
1805-4	155	1550	10:1	1.25	Neoprene	Steel	Thru Hole	.532	.390	Red
1805-6	230	2300	10:1	1.25	Neoprene	Steel	Thru Hole	.532	.390	Green
1805-8	320	3200	10:1	1.25	Neoprene	Steel	Thru Hole	.532	.390	Blue
1805-10	420	4200	10:1	1.25	Neoprene	Steel	Thru Hole	.532	.390	White



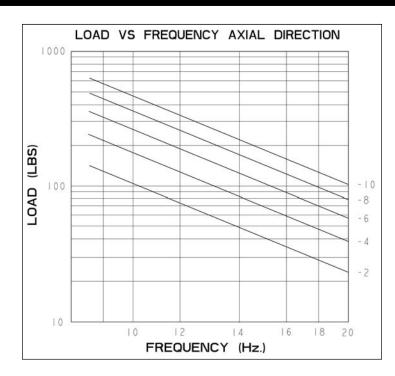
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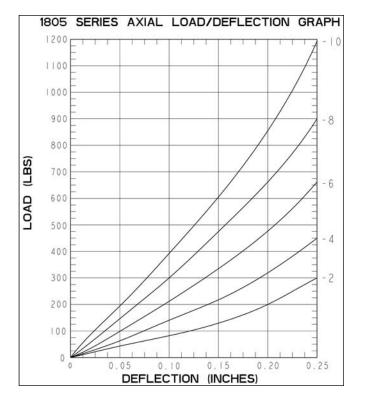


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