# Polymer Technologies, Inc
# Elastomeric Solutions Division

## *The Specialist in Custom Shock and Vibration Solutions*

## Our Company

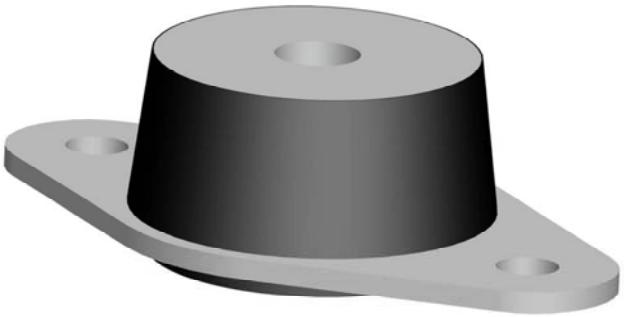
**Polymer Technologies Inc.,** established in 1989, is a Delaware based engineering and manufacturing company specializing in energy management materials including solutions in shock and vibration isolation, noise reduction, and thermal energy management. Polymer Technologies is devoted to providing not only high quality vibration isolation products, but also incredible customer service and collaboration. By integrating high quality base materials, extensive product development, comprehensive materials testing, and customer collaboration, we are able to provide the most innovative and unique vibration solutions in the energy management industry.

Polymer Technologies Inc. is always at the forefront of innovation with our engineers developing high quality, custom shock & vibration isolation materials at our Massachusetts based Elastomeric Solutions Division. Our Elastomeric Solutions Division has been integral in the design and development of Duraflex®, a proprietary rubber compound. Duraflex® is an ultra-high fatigue-life rubber that exhibits high abrasion resistance, high tensile strength, and excellent bond strength to metal, making it the perfect rubber compound to use in industrial tires, trucking applications, engine mounts, and even military equipment. To add to its value, DuraFlex® also obtained the lowest temperature rise known to exist on the Goodrich Flexometer Test, a milestone that no other manufacturer has been able to obtain and something our engineers pride themselves upon.

Polymer Technologies is also the developer and manufacturer of noise absorption materials, acoustic barriers, damping pads, filtration foam, gasketing materials, and thermal insulation.

For more information about how DuraFlex® Rubber or any of our other custom solutions can be used in your application, please contact our sales team at www.polytechinc.com/contact

# FAIL-SAFE COMPRESSION MOUNT SERIES



# Fail-Safe Compression Mount Series 1751—1757

## Compact, high load capacity mounts for vibration and shock protection

## Applications

- Lab equipment
- Business machines
- Vehicle application
- Marine engines
- Power generation
- Cab mounts

## Benefits

- Easy to install
- Low cost construction
- Can be mounted in both axial and radial direction

## Load Range

- 1751 = 3 load ratings to 60 lbs.
- 1752 = 3 load ratings to 100 lbs.
- 1753 = 5 load ratings to 220 lbs.
- 1754 = 5 load ratings to 380 lbs.
- 1755 = 5 load ratings to 680 lbs.
- 1756 = 5 load ratings to 1000 lbs.
- 1757 = 5 load ratings to 1780 lbs.

## Attributes

- All attitude
- Fail-safe design
- Rugged construction
- High fatigue resistance

## Specifications

- Natural Frequency - 8-18 Hertz
- Transmissibility at resonance - 10:1
- Resilient Element - Neoprene
- Standard materials - Cold-rolled steel
- Standard Finish - Zinc Phosphate, Black Enamel Paint (BP), Electroless Nickel (EN)
- Weight - See dimensional drawings

## 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.
- Special elastomer and finishes are available for applications in severe environments. Please note that Silicone elastomer is not compatible with nickel plating.

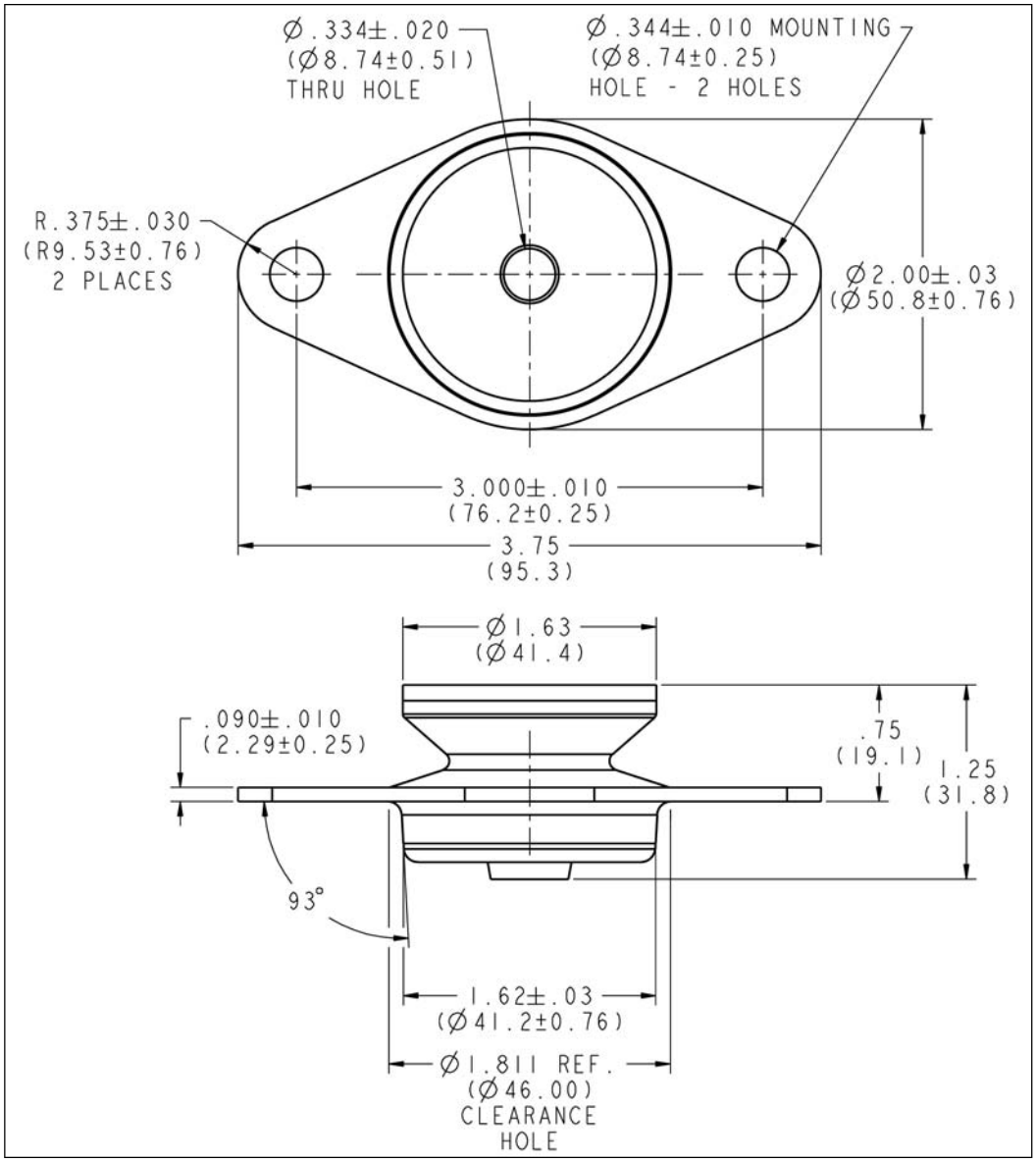
# Fail-Safe Compression Mount Series: 1751

## Dimension and Performance Characteristics

| Part # | Nominal Axial Load (lbs.) | Max. Axial Load (lbs.) | Axial Stiffness at .10" Deflection (lbs./in.) | Transmissibility | Free Height (max. in.) | Resilient Materials | Structural Materials | Finish | Core Style | Center Hole | Flange Hole | Color Code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1751-30 | 25 | 38 | 250 | 10:1 | 1.25 | Neoprene | Steel | Zinc | Thru Hole | .334 | .344 | Red |
| 1751-40 | 40 | 60 | 400 | 10:1 | 1.25 | Neoprene | Steel | Zinc | Thru Hole | .334 | .344 | Orange |
| 1751-50 | 60 | 90 | 600 | 10:1 | 1.25 | Neoprene | Steel | Zinc | Thru Hole | .334 | .344 | Yellow |
| 1751-30BP | 25 | 38 | 250 | 10:1 | 1.25 | Neoprene | Steel | Black Paint | Thru Hole | .334 | .344 | Red |
| 1751-40BP | 40 | 60 | 400 | 10:1 | 1.25 | Neoprene | Steel | Black Paint | Thru Hole | .334 | .344 | Orange |
| 1751-50BP | 60 | 90 | 600 | 10:1 | 1.25 | Neoprene | Steel | Black Paint | Thru Hole | .334 | .344 | Yellow |
| 1751-30EN | 25 | 38 | 250 | 10:1 | 1.25 | Neoprene | Steel | Electroless Nickel | Thru Hole | .334 | .344 | Red |
| 1751-40EN | 40 | 60 | 400 | 10:1 | 1.25 | Neoprene | Steel | Electroless Nickel | Thru Hole | .334 | .344 | Orange |
| 1751-50EN | 60 | 90 | 600 | 10:1 | 1.25 | Neoprene | Steel | Electroless Nickel | Thru Hole | .334 | .344 | Yellow |

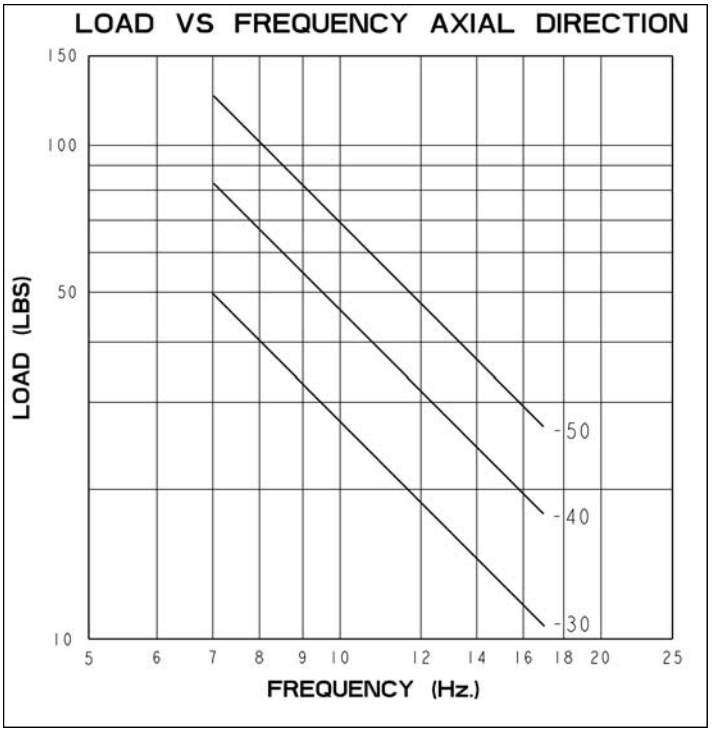
# Fail-Safe Compression Mount Series: 1751

## Dimension and Performance Characteristics

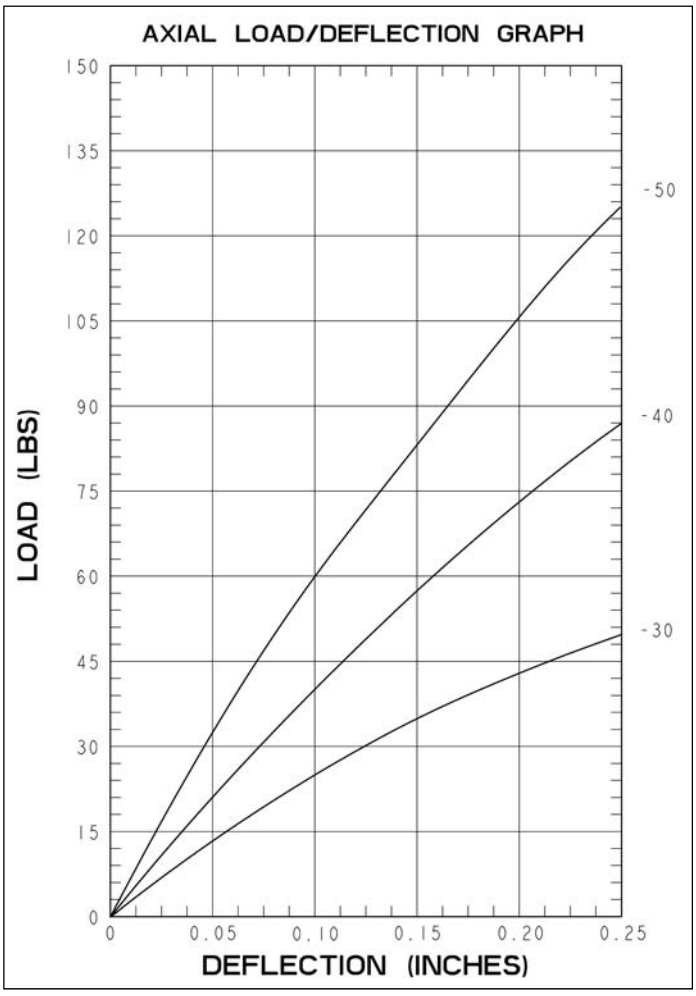


# Fail-Safe Compression Mount Series: 1751

## Dimension and Performance Characteristics




| SNUBBING WASHER |
|---|
| P/N SW-1625-0322-0093-SZ |
| O.D. = Ø 1.630" |
| I.D. = Ø .322" |
| THICKNESS = .093" |
| MATERIAL—1010-1020 CRS |
| FINISH—CLEAR ZINC |



# Fail-Safe Compression Mount Series: 1752

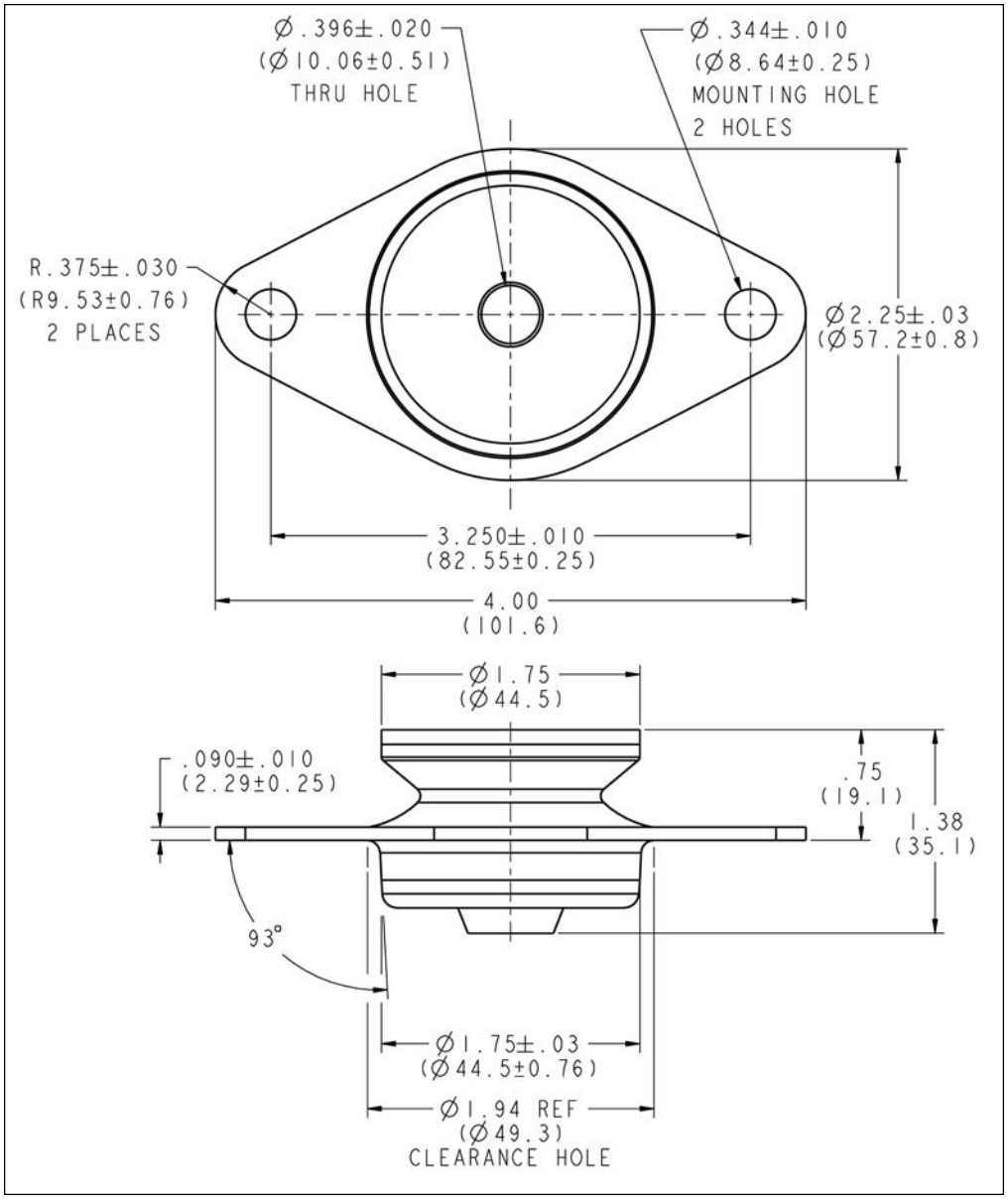
## Dimension and Performance Characteristics

| Part # | Nominal Axial Load (lbs.) | Max. Axial Load (lbs.) | Axial Stiffness at .10" Deflection (lbs./in.) | Transmissibility | Free Height (max. in.) | Resilient Materials | Structural Materials | Finish | Core Style | Center Hole | Flange Hole | Color Code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1752-30 | 50 | 75 | 500 | 10:1 | 1.38 | Neoprene | Steel | Zinc | Thru Hole | .396 | .344 | Red |
| 1752-40 | 70 | 105 | 700 | 10:1 | 1.38 | Neoprene | Steel | Zinc | Thru Hole | .396 | .344 | Orange |
| 1752-50 | 100 | 150 | 1000 | 10:1 | 1.38 | Neoprene | Steel | Zinc | Thru Hole | .396 | .344 | Yellow |
| 1752-30BP | 50 | 75 | 500 | 10:1 | 1.38 | Neoprene | Steel | Black Paint | Thru Hole | .396 | .344 | Red |
| 1752-40BP | 70 | 105 | 700 | 10:1 | 1.38 | Neoprene | Steel | Black Paint | Thru Hole | .396 | .344 | Orange |
| 1752-50BP | 100 | 150 | 1000 | 10:1 | 1.38 | Neoprene | Steel | Black Paint | Thru Hole | .396 | .344 | Yellow |
| 1752-30EN | 50 | 75 | 500 | 10:1 | 1.38 | Neoprene | Steel | Electroless Nickel | Thru Hole | .396 | .344 | Red |
| 1752-40EN | 70 | 105 | 700 | 10:1 | 1.38 | Neoprene | Steel | Electroless Nickel | Thru Hole | .396 | .344 | Orange |
| 1752-50EN | 100 | 150 | 1000 | 10:1 | 1.38 | Neoprene | Steel | Electroless Nickel | Thru Hole | .396 | .344 | Yellow |

# Fail-Safe Compression Mount Series: 1752

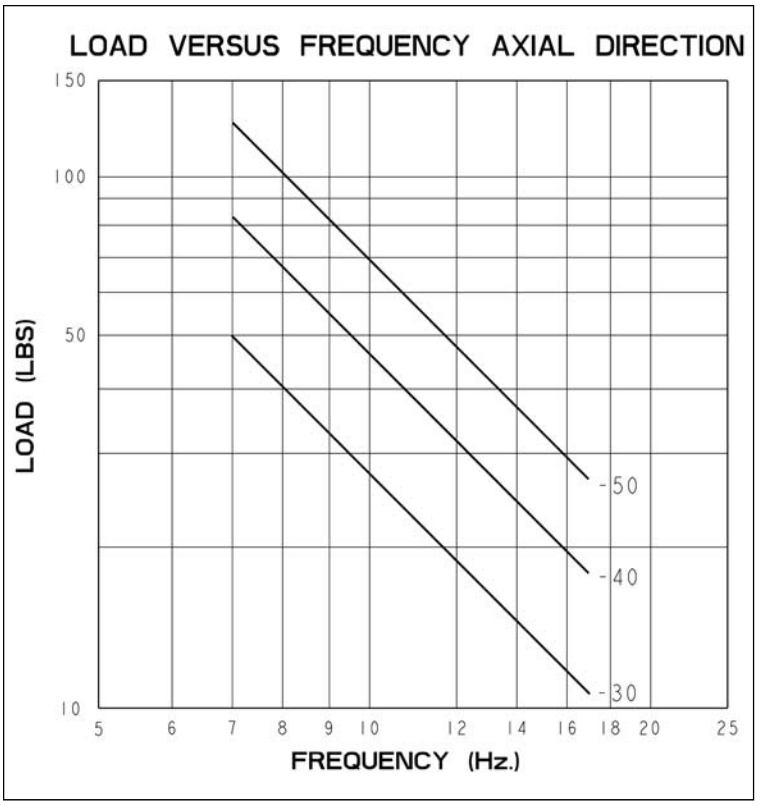
## Dimension and Performance Characteristics



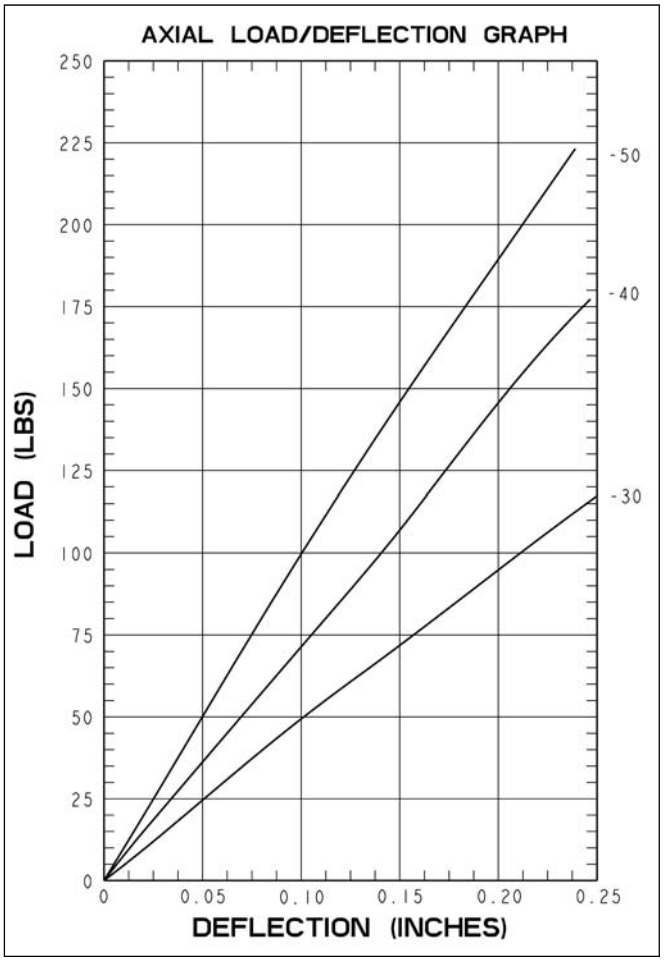


# Fail-Safe Compression Mount Series: 1752

## Dimension and Performance Characteristics




| SNUBBING WASHER |
|---|
| P/N SW-1750-0385-0093-SZ |
| O.D. = Ø 1.750" |
| I.D. = Ø .385" |
| THICKNESS = .093" |
| MATERIAL—1010-1020 CRS |
| FINISH—CLEAR ZINC |



# Fail-Safe Compression Mount Series: 1753

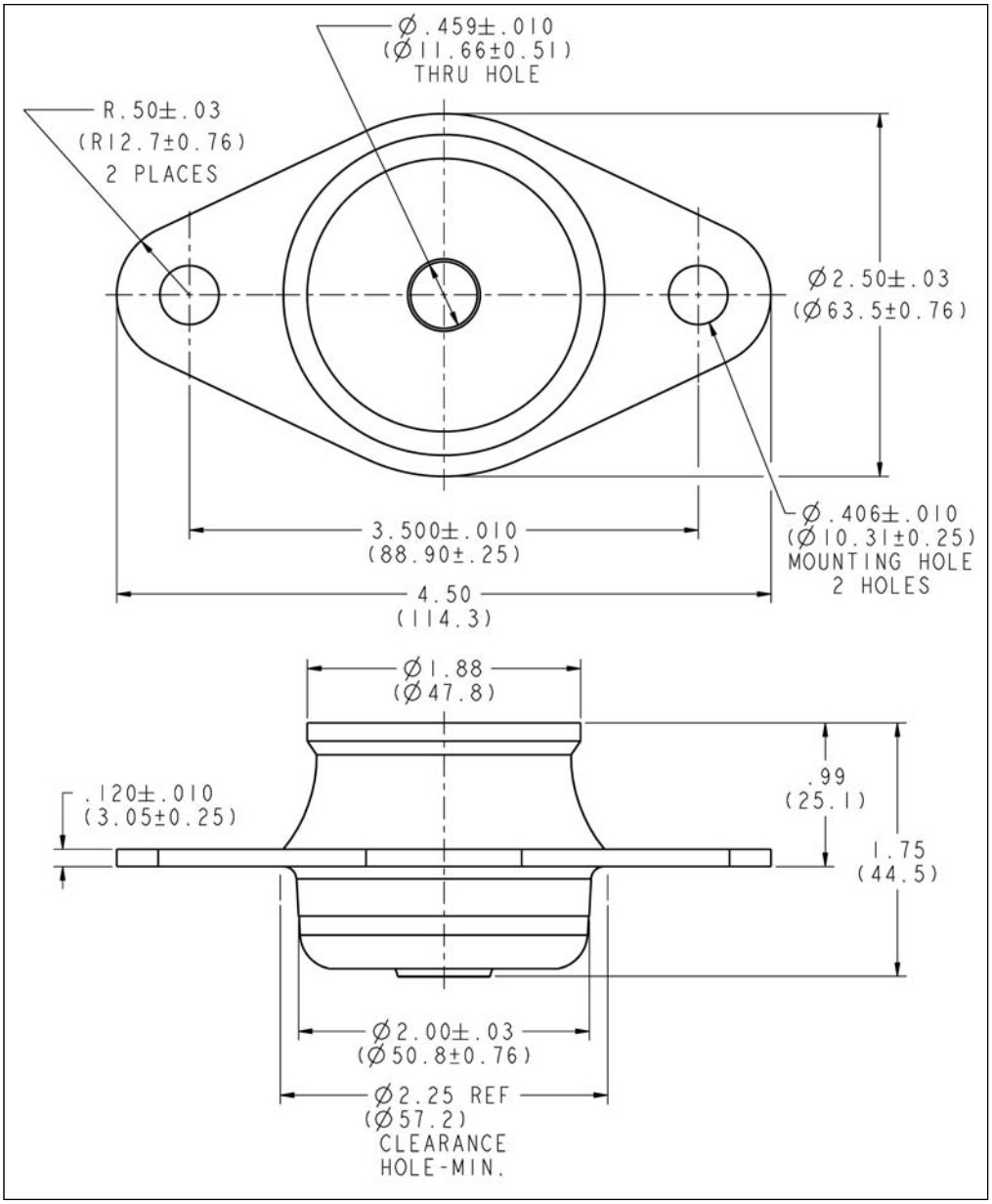
## Dimension and Performance Characteristics

H

| Part # | Nominal Axial Load (lbs.) | Max. Axial Load (lbs.) | Axial Stiffness at .10" Deflection (lbs./in.) | Radial Static Load Nominal | Radial Static Load Max. | Radial Stiffness at .10" Deflection (lbs./in.) | Transmissibility | Free Height (max. in.) | Resilient Materials | Structural Materials | Finish | Core Style | Center Hole | Flange Hole | Color Code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1753-30 | 100 | 150 | 1000 | 50 | 100 | 500 | 10:1 | 1.75 | Neoprene | Steel | Zinc | Thru Hole | .459 | .406 | Red |
| 1753-40 | 120 | 180 | 1200 | 60 | 120 | 600 | 10:1 | 1.75 | Neoprene | Steel | Zinc | Thru Hole | .459 | .406 | Orange |
| 1753-50 | 150 | 225 | 1500 | 75 | 150 | 750 | 10:1 | 1.75 | Neoprene | Steel | Zinc | Thru Hole | .459 | .406 | Yellow |
| 1753-60 | 180 | 270 | 1800 | 90 | 180 | 900 | 10:1 | 1.75 | Neoprene | Steel | Zinc | Thru Hole | .459 | .406 | Green |
| 1753-70 | 220 | 330 | 2200 | 110 | 220 | 1100 | 10:1 | 1.75 | Neoprene | Steel | Zinc | Thru Hole | .459 | .406 | Blue |
| 1753-30BP | 100 | 150 | 1000 | 50 | 100 | 500 | 10:1 | 1.75 | Neoprene | Steel | Black Paint | Thru Hole | .459 | .406 | Red |
| 1753-40BP | 120 | 180 | 1200 | 60 | 120 | 600 | 10:1 | 1.75 | Neoprene | Steel | Black Paint | Thru Hole | .459 | .406 | Orange |
| 1753-50BP | 150 | 225 | 1500 | 75 | 150 | 750 | 10:1 | 1.75 | Neoprene | Steel | Black Paint | Thru Hole | .459 | .406 | Yellow |
| 1753-60BP | 180 | 270 | 1800 | 90 | 180 | 900 | 10:1 | 1.75 | Neoprene | Steel | Black Paint | Thru Hole | .459 | .406 | Green |
| 1753-70BP | 220 | 330 | 2200 | 110 | 220 | 1100 | 10:1 | 1.75 | Neoprene | Steel | Black Paint | Thru Hole | .459 | .406 | Blue |
| 1753-30EN | 100 | 150 | 1000 | 50 | 100 | 500 | 10:1 | 1.75 | Neoprene | Steel | Electroless Nickel | Thru Hole | .459 | .406 | Red |
| 1753-40EN | 120 | 180 | 1200 | 60 | 120 | 600 | 10:1 | 1.75 | Neoprene | Steel | Electroless Nickel | Thru Hole | .459 | .406 | Orange |
| 1753-50EN | 150 | 225 | 1500 | 75 | 150 | 750 | 10:1 | 1.75 | Neoprene | Steel | Electroless Nickel | Thru Hole | .459 | .406 | Yellow |
| 1753-60EN | 180 | 270 | 1800 | 90 | 180 | 900 | 10:1 | 1.75 | Neoprene | Steel | Electroless Nickel | Thru Hole | .459 | .406 | Green |
| 1753-70EN | 220 | 330 | 2200 | 110 | 220 | 1100 | 10:1 | 1.75 | Neoprene | Steel | Electroless Nickel | Thru Hole | .459 | .406 | Blue |

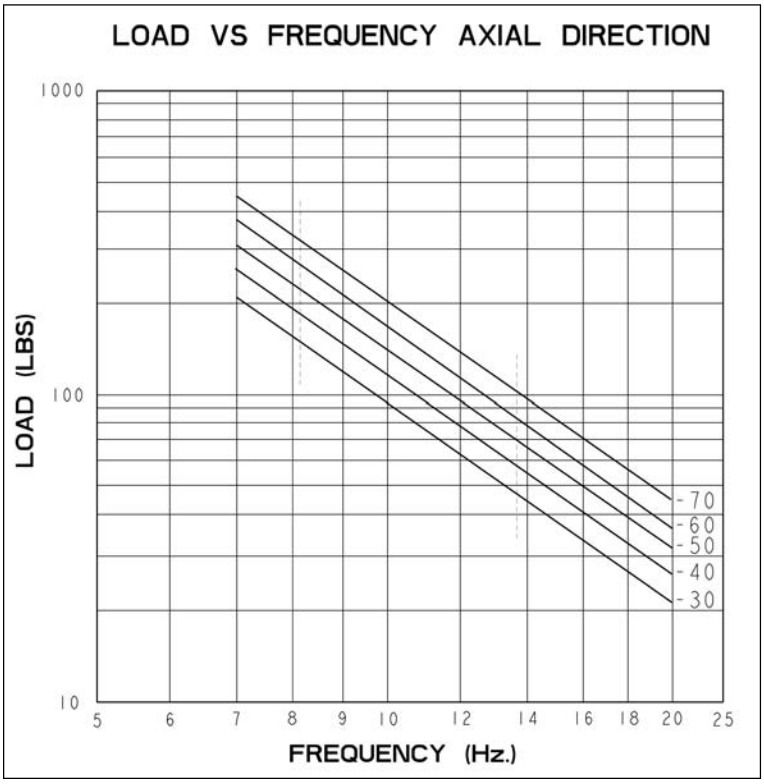
# Fail-Safe Compression Mount Series: 1753

## Dimension and Performance Characteristics



# Fail-Safe Compression Mount Series: 1753

## Dimension and Performance Characteristics




| SNUBBING WASHER |
|---|
| P/N SW-2000-0450-0125-SZ |
| O.D. = Ø 2.00" |
| I.D. = Ø .450" |
| THICKNESS = .125" |
| MATERIAL—1010-1020 CRS |
| FINISH—CLEAR ZINC |

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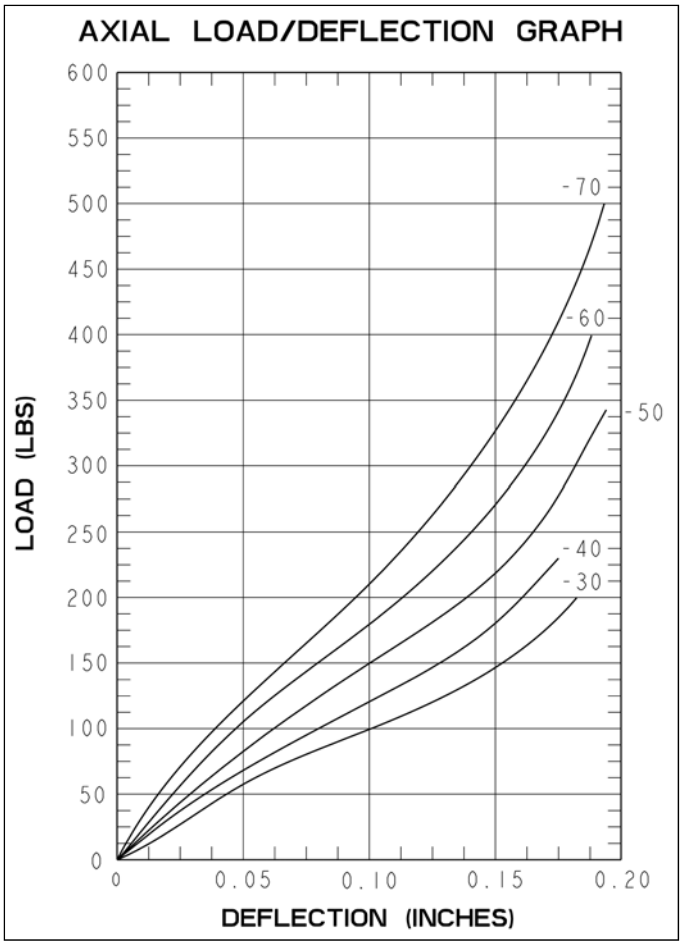


# Fail-Safe Compression Mount Series: 1754

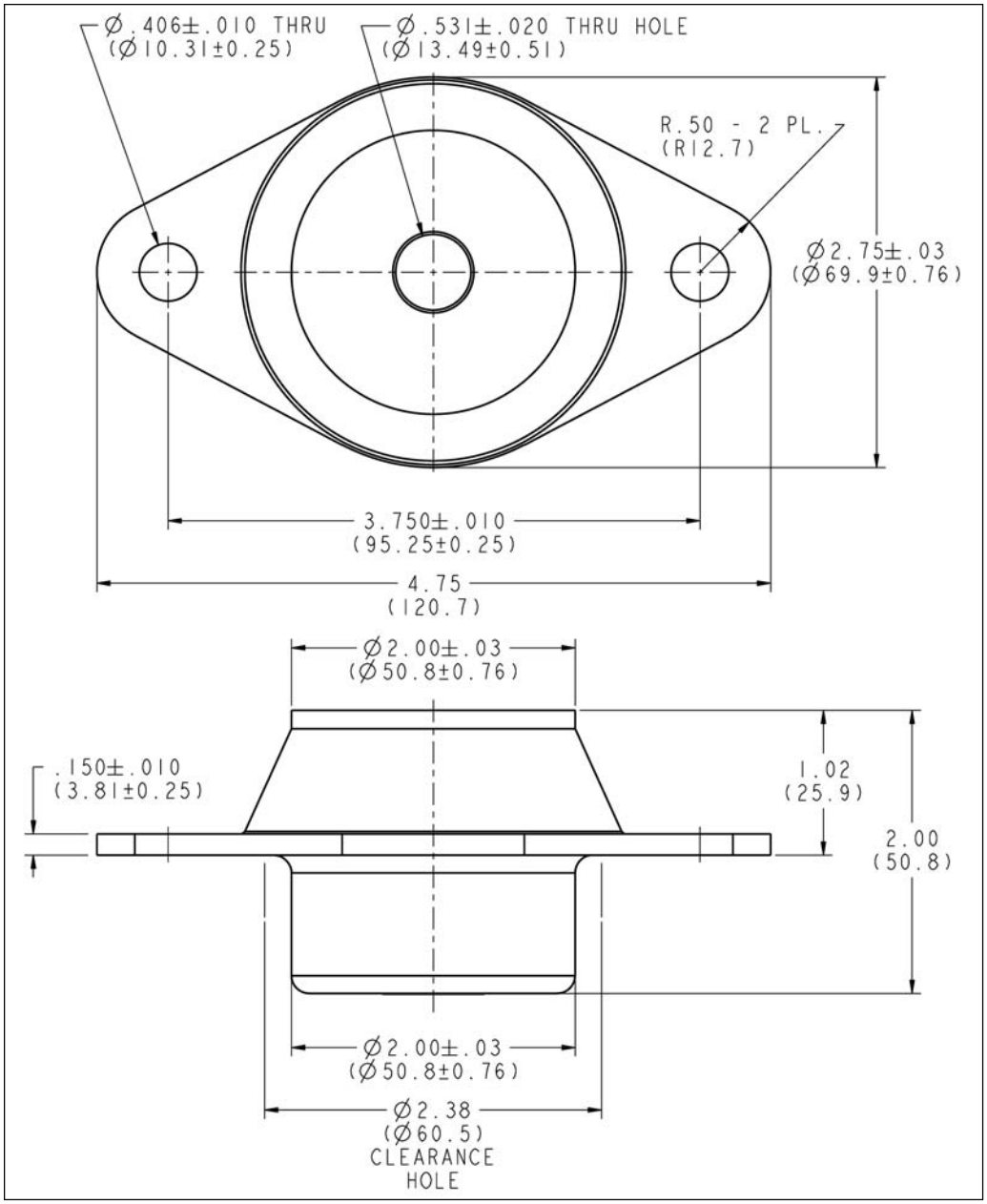
## Dimension and Performance Characteristics

| Part # | Nominal Axial Load (lbs.) | Max. Axial Load (lbs.) | Axial Stiffness at .10" Deflection (lbs./in.) | Radial Static Load Nominal | Radial Static Load Max. | Radial Stiffness at .10" Deflection (lbs./in.) | Transmissibility | Free Height (max. in.) | Resilient Materials | Structural Materials | Finish | Core Style | Center Hole | Flange Hole | Color Code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1754-30 | 180 | 270 | 1800 | 90 | 180 | 900 | 10:1 | 2.00 | Neoprene | Steel | Zinc | Thru Hole | .531 | .406 | Red |
| 1754-40 | 220 | 330 | 2200 | 110 | 220 | 1100 | 10:1 | 2.00 | Neoprene | Steel | Zinc | Thru Hole | .531 | .406 | Orange |
| 1754-50 | 260 | 390 | 2600 | 130 | 260 | 1300 | 10:1 | 2.00 | Neoprene | Steel | Zinc | Thru Hole | .531 | .406 | Yellow |
| 1754-60 | 320 | 480 | 3200 | 160 | 320 | 1600 | 10:1 | 2.00 | Neoprene | Steel | Zinc | Thru Hole | .531 | .406 | Green |
| 1754-70 | 380 | 570 | 3800 | 190 | 380 | 1900 | 10:1 | 2.00 | Neoprene | Steel | Zinc | Thru Hole | .531 | .406 | Blue |
| 1754-30BP | 180 | 270 | 1800 | 90 | 180 | 900 | 10:1 | 2.00 | Neoprene | Steel | Black Paint | Thru Hole | .531 | .406 | Red |
| 1754-40BP | 220 | 330 | 2200 | 110 | 220 | 1100 | 10:1 | 2.00 | Neoprene | Steel | Black Paint | Thru Hole | .531 | .406 | Orange |
| 1754-50BP | 260 | 390 | 2600 | 130 | 260 | 1300 | 10:1 | 2.00 | Neoprene | Steel | Black Paint | Thru Hole | .531 | .406 | Yellow |
| 1754-60BP | 320 | 480 | 3200 | 160 | 320 | 1600 | 10:1 | 2.00 | Neoprene | Steel | Black Paint | Thru Hole | .531 | .406 | Green |
| 1754-70BP | 380 | 570 | 3800 | 190 | 380 | 1900 | 10:1 | 2.00 | Neoprene | Steel | Black Paint | Thru Hole | .531 | .406 | Blue |
| 1754-30EN | 180 | 270 | 1800 | 90 | 180 | 900 | 10:1 | 2.00 | Neoprene | Steel | Electroless Nickel | Thru Hole | .531 | .406 | Red |
| 1754-40EN | 220 | 330 | 2200 | 110 | 220 | 1100 | 10:1 | 2.00 | Neoprene | Steel | Electroless Nickel | Thru Hole | .531 | .406 | Orange |
| 1754-50EN | 260 | 390 | 2600 | 130 | 260 | 1300 | 10:1 | 2.00 | Neoprene | Steel | Electroless Nickel | Thru Hole | .531 | .406 | Yellow |
| 1754-60EN | 320 | 480 | 3200 | 160 | 320 | 1600 | 10:1 | 2.00 | Neoprene | Steel | Electroless Nickel | Thru Hole | .531 | .406 | Green |
| 1754-70EN | 380 | 570 | 3800 | 190 | 380 | 1900 | 10:1 | 2.00 | Neoprene | Steel | Electroless Nickel | Thru Hole | .531 | .406 | Blue |

# Fail-Safe Compression Mount Series: 1754

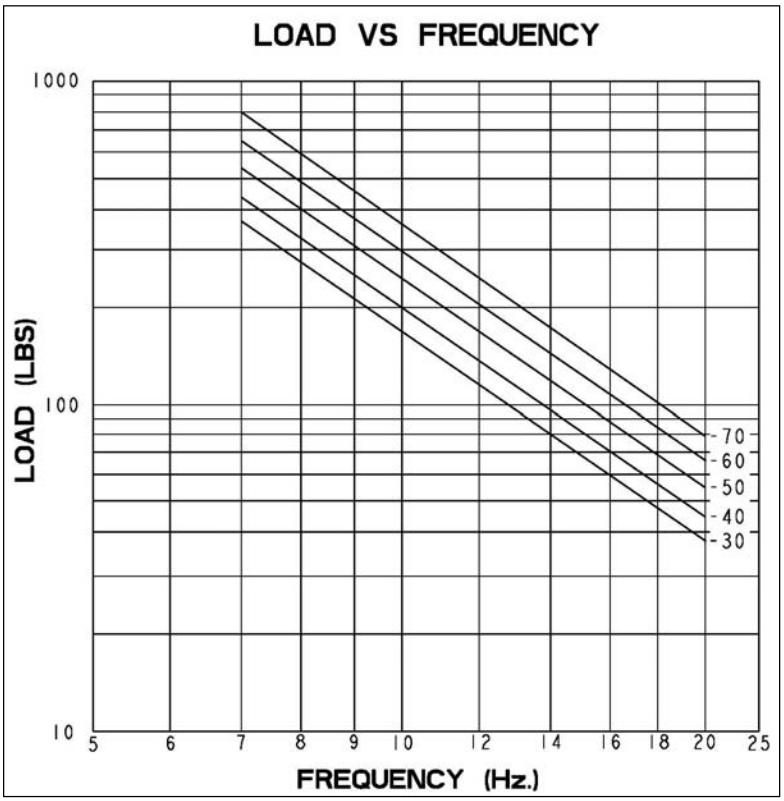
## Dimension and Performance Characteristics



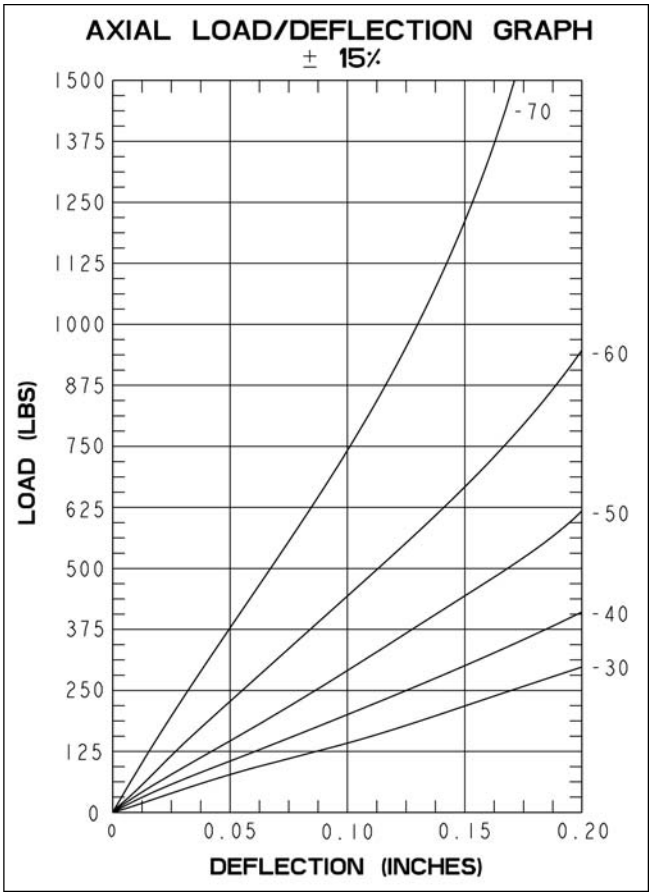


# Fail-Safe Compression Mount Series: 1754

## Dimension and Performance Characteristics




| SNUBBING WASHER |
|---|
| P/N SW-2000-0510-0125-SZ |
| O.D. = Ø 2.00" |
| I.D. = Ø .510" |
| THICKNESS = .125" |
| MATERIAL—1010-1020 CRS |
| FINISH—CLEAR ZINC |



# Fail-Safe Compression Mount Series: 1755

## Dimension and Performance Characteristics

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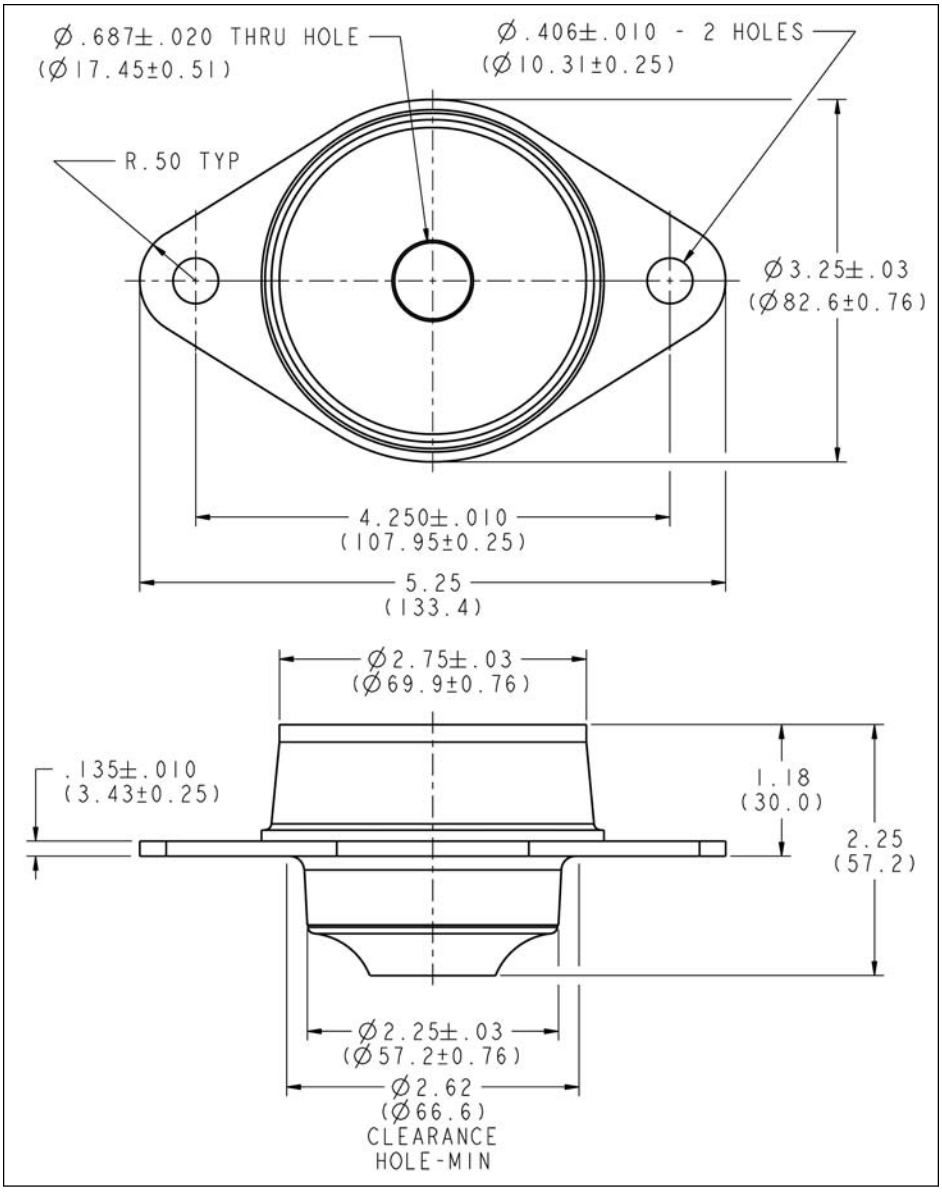
| Part # | Nominal Axial Load (lbs.) | Max. Axial Load (lbs.) | Axial Stiffness at .10" Deflection (lbs./in.) | Radial Static Load Nominal | Radial Static Load Max. | Radial Stiffness at .10" Deflection (lbs./in.) | Transmissibility | Free Height (max. in.) | Resilient Materials | Structural Materials | Finish | Core Style | Center Hole | Flange Hole | Color Code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1755-30 | 320 | 480 | 3200 | 150 | 320 | 1500 | 10:1 | 2.25 | Neoprene | Steel | Zinc | Thru Hole | .687 | .406 | Red |
| 1755-40 | 380 | 570 | 3800 | 190 | 380 | 1900 | 10:1 | 2.25 | Neoprene | Steel | Zinc | Thru Hole | .687 | .406 | Orange |
| 1755-50 | 460 | 690 | 4600 | 230 | 460 | 2300 | 10:1 | 2.25 | Neoprene | Steel | Zinc | Thru Hole | .687 | .406 | Yellow |
| 1755-60 | 560 | 840 | 5600 | 280 | 560 | 2800 | 10:1 | 2.25 | Neoprene | Steel | Zinc | Thru Hole | .687 | .406 | Green |
| 1755-70 | 680 | 1020 | 6800 | 340 | 680 | 3400 | 10:1 | 2.25 | Neoprene | Steel | Zinc | Thru Hole | .687 | .406 | Blue |
| 1755-30BP | 320 | 480 | 3200 | 150 | 320 | 1500 | 10:1 | 2.25 | Neoprene | Steel | Black Paint | Thru Hole | .687 | .406 | Red |
| 1755-40BP | 380 | 570 | 3800 | 190 | 380 | 1900 | 10:1 | 2.25 | Neoprene | Steel | Black Paint | Thru Hole | .687 | .406 | Orange |
| 1755-50BP | 460 | 690 | 4600 | 230 | 460 | 2300 | 10:1 | 2.25 | Neoprene | Steel | Black Paint | Thru Hole | .687 | .406 | Yellow |
| 1755-60BP | 560 | 840 | 5600 | 280 | 560 | 2800 | 10:1 | 2.25 | Neoprene | Steel | Black Paint | Thru Hole | .687 | .406 | Green |
| 1755-70BP | 680 | 1020 | 6800 | 340 | 680 | 3400 | 10:1 | 2.25 | Neoprene | Steel | Black Paint | Thru Hole | .687 | .406 | Blue |
| 1755-30EN | 320 | 480 | 3200 | 150 | 320 | 1500 | 10:1 | 2.25 | Neoprene | Steel | Electroless Nickel | Thru Hole | .687 | .406 | Red |
| 1755-40EN | 380 | 570 | 3800 | 190 | 380 | 1900 | 10:1 | 2.25 | Neoprene | Steel | Electroless Nickel | Thru Hole | .687 | .406 | Orange |
| 1755-50EN | 460 | 690 | 4600 | 230 | 460 | 2300 | 10:1 | 2.25 | Neoprene | Steel | Electroless Nickel | Thru Hole | .687 | .406 | Yellow |
| 1755-60EN | 560 | 840 | 5600 | 280 | 560 | 2800 | 10:1 | 2.25 | Neoprene | Steel | Electroless Nickel | Thru Hole | .687 | .406 | Green |
| 1755-70EN | 680 | 1020 | 6800 | 340 | 680 | 3400 | 10:1 | 2.25 | Neoprene | Steel | Electroless Nickel | Thru Hole | .687 | .406 | Blue |

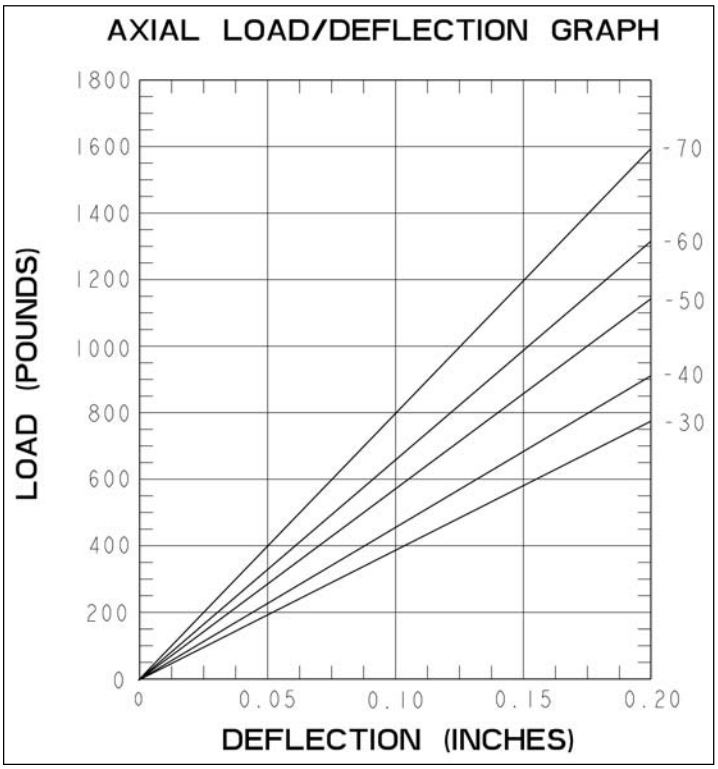
# Fail-Safe Compression Mount Series: 1755

## Dimension and Performance Characteristics



# Fail-Safe Compression Mount Series: 1755

## Dimension and Performance Characteristics




| SNUBBING WASHER |
|---|
| P/N SW-2250-0635-0150-SZ |
| O.D. = Ø 2.25" |
| I.D. = Ø .635" |
| THICKNESS = .150" |
| MATERIAL—1010-1020 CRS |
| FINISH—CLEAR ZINC |

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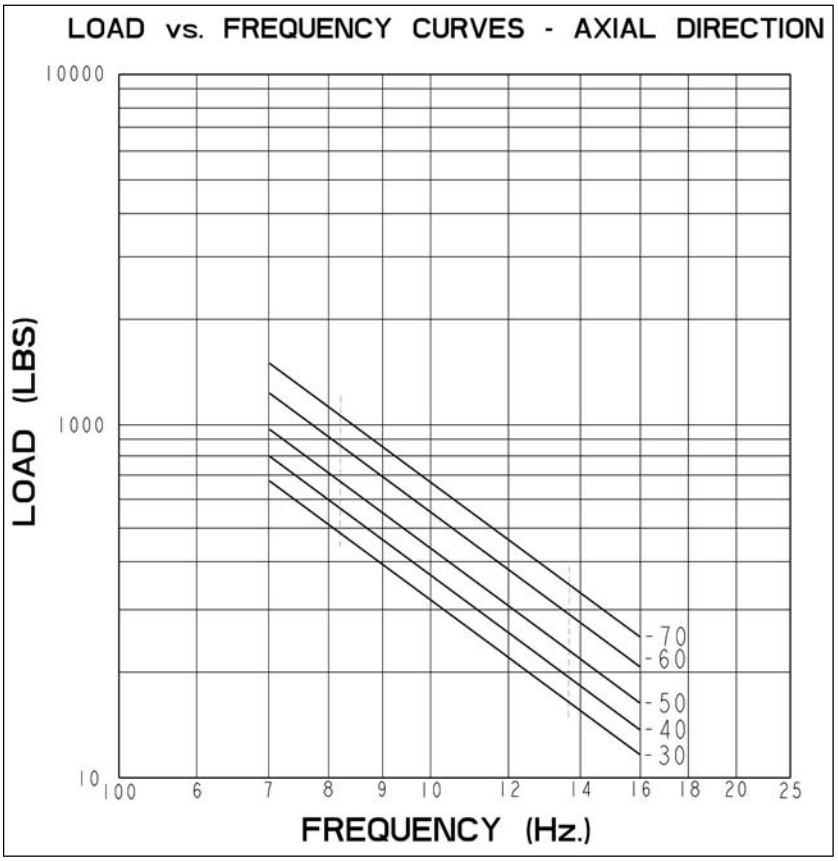


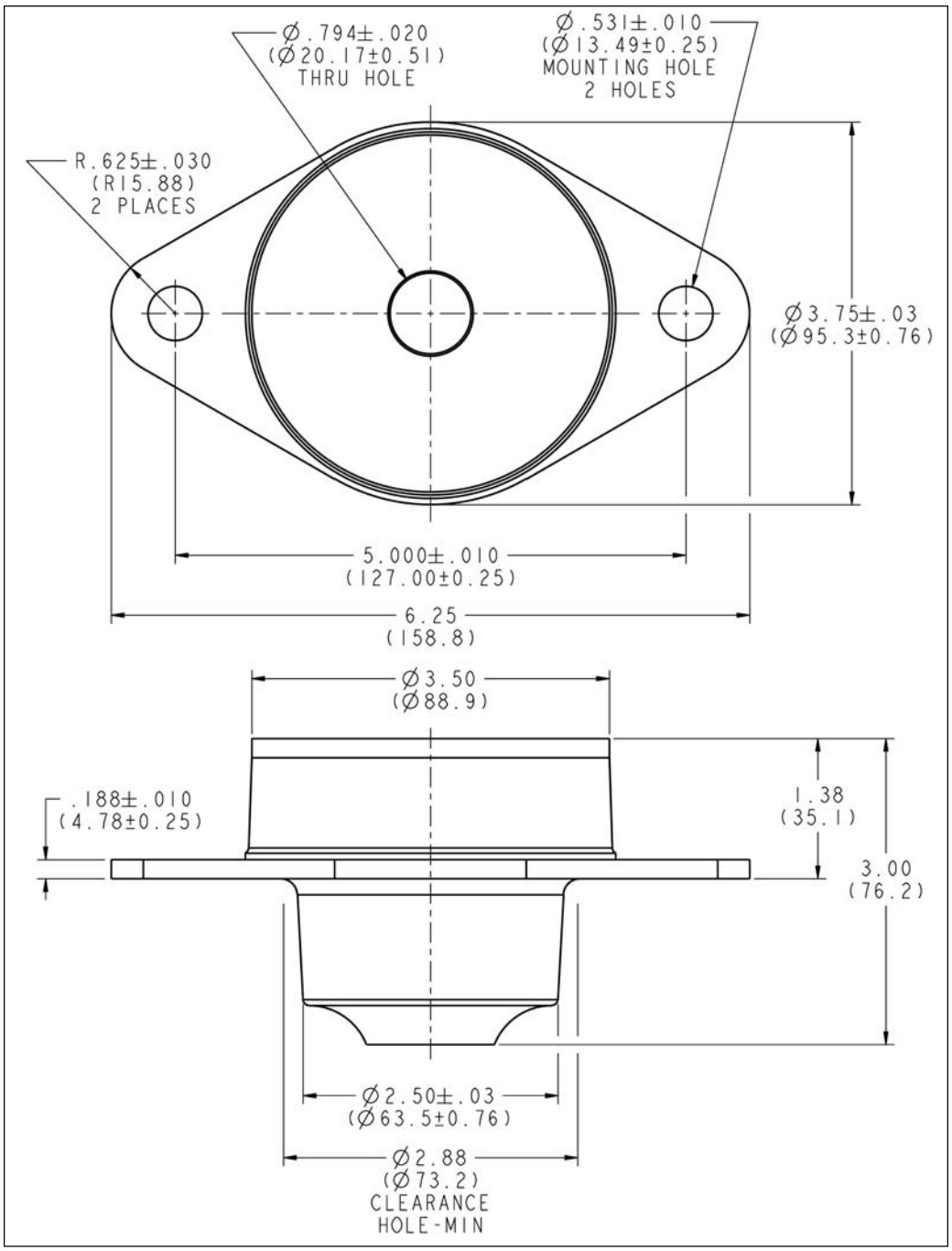
# Fail-Safe Compression Mount Series: 1756

## Dimension and Performance Characteristics

| Part # | Nominal Axial Load (lbs.) | Max. Axial Load (lbs.) | Axial Stiffness at .10" Deflection (lbs./in.) | Radial Static Load Nominal | Radial Static Load Max. | Radial Stiffness at .10" Deflection (lbs./in.) | Transmissibility | Free Height (max. in.) | Resilient Materials | Structural Materials | Finish | Core Style | Center Hole | Flange Hole | Color Code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1756-30 | 460 | 690 | 4600 | 230 | 450 | 2300 | 10:1 | 3.00 | Neoprene | Steel | Zinc | Thru Hole | .794 | .531 | Red |
| 1756-40 | 560 | 840 | 5600 | 280 | 560 | 2800 | 10:1 | 3.00 | Neoprene | Steel | Zinc | Thru Hole | .794 | .531 | Orange |
| 1756-50 | 680 | 1020 | 6800 | 340 | 680 | 3400 | 10:1 | 3.00 | Neoprene | Steel | Zinc | Thru Hole | .794 | .531 | Yellow |
| 1756-60 | 830 | 1245 | 8300 | 415 | 830 | 4150 | 10:1 | 3.00 | Neoprene | Steel | Zinc | Thru Hole | .794 | .531 | Green |
| 1756-70 | 1000 | 1500 | 10000 | 500 | 1000 | 5000 | 10:1 | 3.00 | Neoprene | Steel | Zinc | Thru Hole | .794 | .531 | Blue |
| 1756-30BP | 460 | 690 | 4600 | 230 | 450 | 2300 | 10:1 | 3.00 | Neoprene | Steel | Black Paint | Thru Hole | .794 | .531 | Red |
| 1756-40BP | 560 | 840 | 5600 | 280 | 560 | 2800 | 10:1 | 3.00 | Neoprene | Steel | Black Paint | Thru Hole | .794 | .531 | Orange |
| 1756-50BP | 680 | 1020 | 6800 | 340 | 680 | 3400 | 10:1 | 3.00 | Neoprene | Steel | Black Paint | Thru Hole | .794 | .531 | Yellow |
| 1756-60BP | 830 | 1245 | 8300 | 415 | 830 | 4150 | 10:1 | 3.00 | Neoprene | Steel | Black Paint | Thru Hole | .794 | .531 | Green |
| 1756-70BP | 1000 | 1500 | 10000 | 500 | 1000 | 5000 | 10:1 | 3.00 | Neoprene | Steel | Black Paint | Thru Hole | .794 | .531 | Blue |
| 1756-30EN | 460 | 690 | 4600 | 230 | 450 | 2300 | 10:1 | 3.00 | Neoprene | Steel | Electroless Nickel | Thru Hole | .794 | .531 | Red |
| 1756-40EN | 560 | 840 | 5600 | 280 | 560 | 2800 | 10:1 | 3.00 | Neoprene | Steel | Electroless Nickel | Thru Hole | .794 | .531 | Orange |
| 1756-50EN | 680 | 1020 | 6800 | 340 | 680 | 3400 | 10:1 | 3.00 | Neoprene | Steel | Electroless Nickel | Thru Hole | .794 | .531 | Yellow |
| 1756-60EN | 830 | 1245 | 8300 | 415 | 830 | 4150 | 10:1 | 3.00 | Neoprene | Steel | Electroless Nickel | Thru Hole | .794 | .531 | Green |
| 1756-70EN | 1000 | 1500 | 10000 | 500 | 1000 | 5000 | 10:1 | 3.00 | Neoprene | Steel | Electroless Nickel | Thru Hole | .794 | .531 | Blue |

# Fail-Safe Compression Mount Series: 1756

## Dimension and Performance Characteristics

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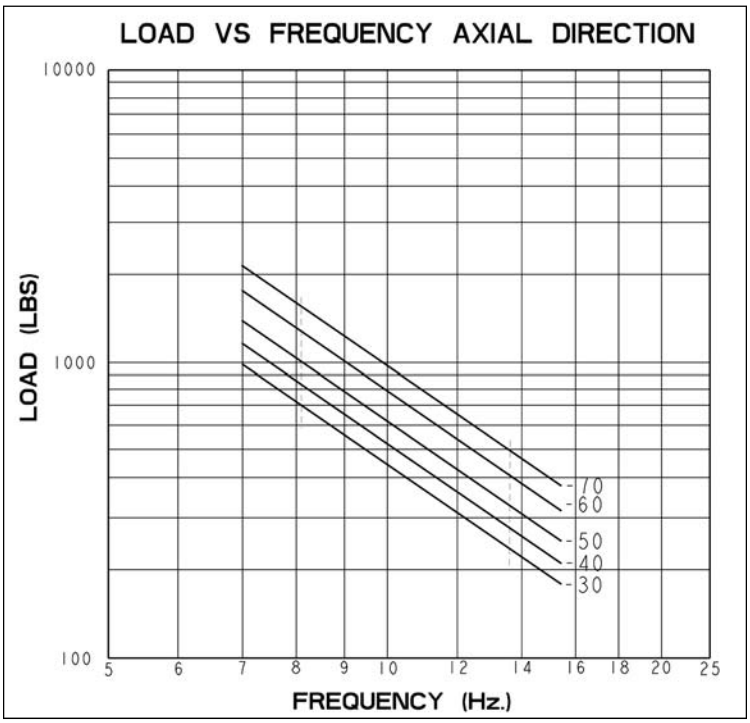
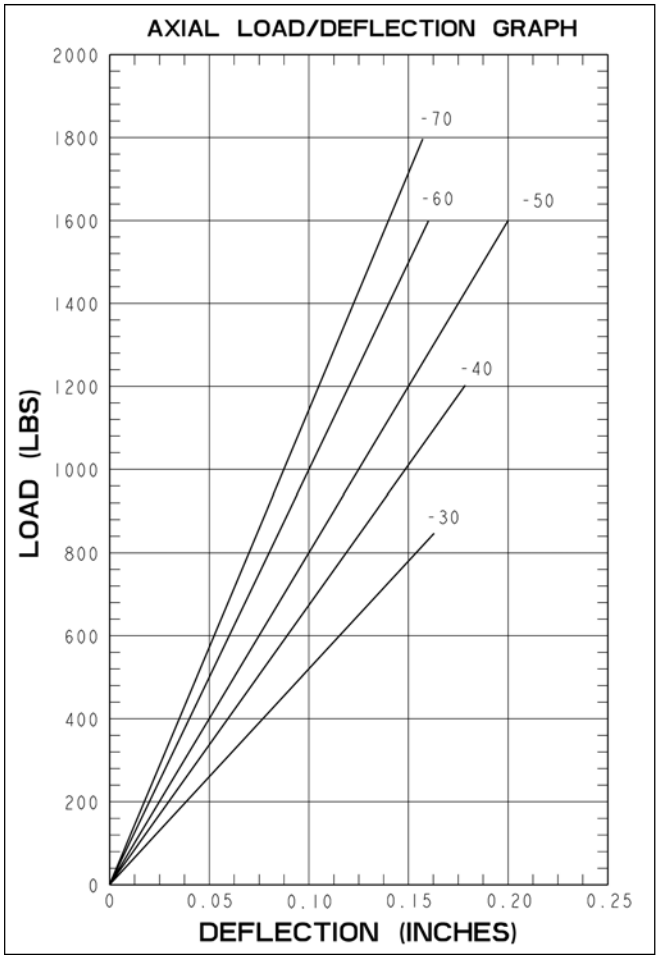
# Fail-Safe Compression Mount Series: 1756

## Dimension and Performance Characteristics




| SNUBBING WASHER |
|---|
| P/N SW-2500-0780-0188-SZ |
| O.D. = Ø 2.50" |
| I.D. = Ø .780" |
| THICKNESS = .188" |
| MATERIAL—1010-1020 CRS |
| FINISH—CLEAR ZINC |



# Fail-Safe Compression Mount Series: 1757

## Dimension and Performance Characteristics

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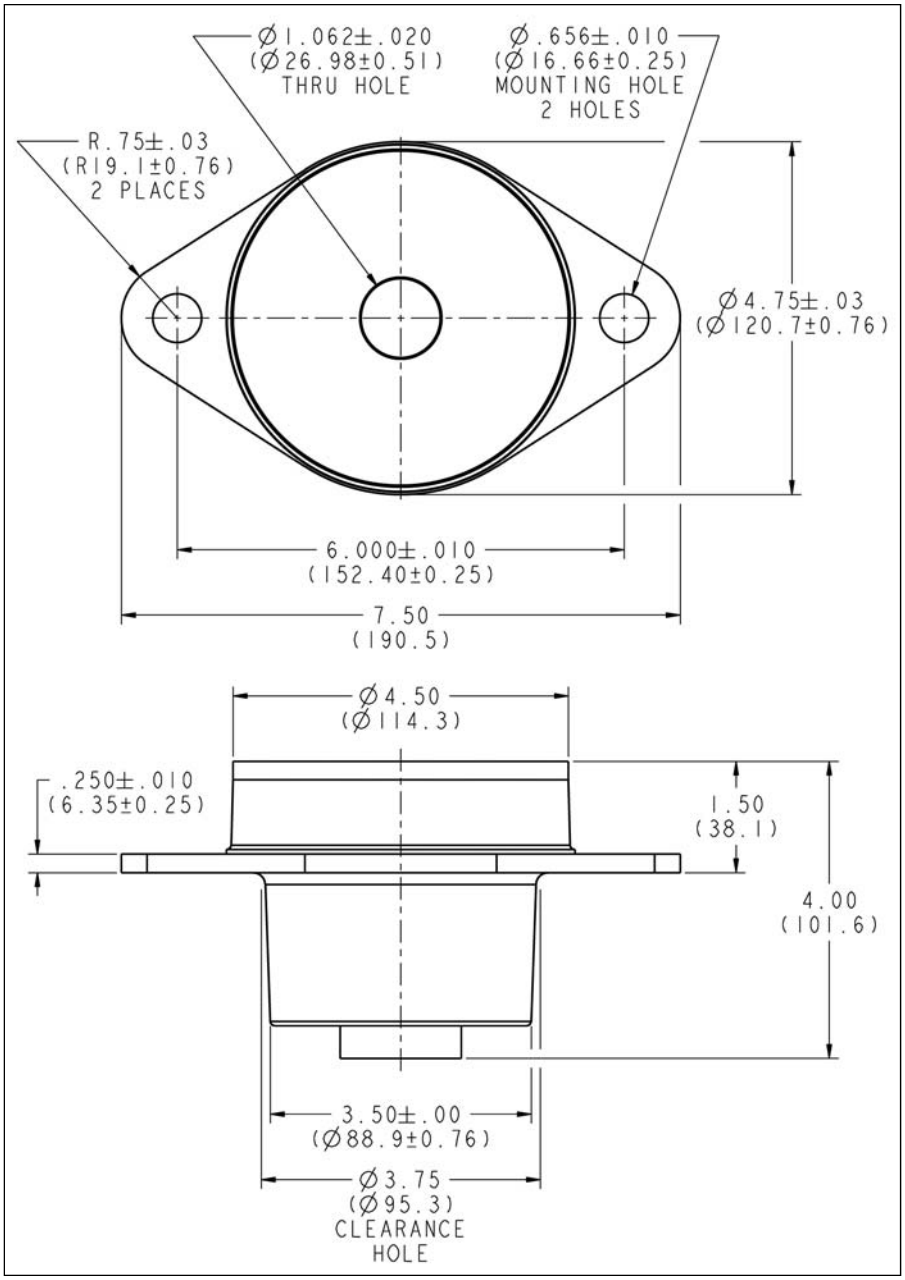
| Part # | Nominal Axial Load (lbs.) | Max. Axial Load (lbs.) | Axial Stiffness at .10" Deflection (lbs./in.) | Radial Static Load Nominal | Radial Static Load Max. | Radial Stiffness at .10" Deflection (lbs./in.) | Transmissibility | Free Height (max. in.) | Resilient Materials | Structural Materials | Finish | Core Style | Center Hole | Flange Hole | Color Code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1757-30 | 830 | 1245 | 8300 | 415 | 830 | 4150 | 10:1 | 4.00 | Neoprene | Steel | Zinc | Thru Hole | 1.062 | .656 | Red |
| 1757-40 | 1000 | 1500 | 10000 | 500 | 1000 | 5000 | 10:1 | 4.00 | Neoprene | Steel | Zinc | Thru Hole | 1.062 | .656 | Orange |
| 1757-50 | 1210 | 1815 | 12100 | 605 | 1210 | 6050 | 10:1 | 4.00 | Neoprene | Steel | Zinc | Thru Hole | 1.062 | .656 | Yellow |
| 1757-60 | 1470 | 2205 | 14700 | 735 | 1470 | 7350 | 10:1 | 4.00 | Neoprene | Steel | Zinc | Thru Hole | 1.062 | .656 | Green |
| 1757-70 | 1780 | 2700 | 17800 | 890 | 1780 | 8900 | 10:1 | 4.00 | Neoprene | Steel | Zinc | Thru Hole | 1.062 | .656 | Blue |
| 1757-30BP | 830 | 1245 | 8300 | 415 | 830 | 4150 | 10:1 | 4.00 | Neoprene | Steel | Black Paint | Thru Hole | 1.062 | .656 | Red |
| 1757-40BP | 1000 | 1500 | 10000 | 500 | 1000 | 5000 | 10:1 | 4.00 | Neoprene | Steel | Black Paint | Thru Hole | 1.062 | .656 | Orange |
| 1757-50BP | 1210 | 1815 | 12100 | 605 | 1210 | 6050 | 10:1 | 4.00 | Neoprene | Steel | Black Paint | Thru Hole | 1.062 | .656 | Yellow |
| 1757-60BP | 1470 | 2205 | 14700 | 735 | 1470 | 7350 | 10:1 | 4.00 | Neoprene | Steel | Black Paint | Thru Hole | 1.062 | .656 | Green |
| 1757-70BP | 1780 | 2700 | 17800 | 890 | 1780 | 8900 | 10:1 | 4.00 | Neoprene | Steel | Black Paint | Thru Hole | 1.062 | .656 | Blue |
| 1757-30EN | 830 | 1245 | 8300 | 415 | 830 | 4150 | 10:1 | 4.00 | Neoprene | Steel | Electroless Nickel | Thru Hole | 1.062 | .656 | Red |
| 1757-40EN | 1000 | 1500 | 10000 | 500 | 1000 | 5000 | 10:1 | 4.00 | Neoprene | Steel | Electroless Nickel | Thru Hole | 1.062 | .656 | Orange |
| 1757-50EN | 1210 | 1815 | 12100 | 605 | 1210 | 6050 | 10:1 | 4.00 | Neoprene | Steel | Electroless Nickel | Thru Hole | 1.062 | .656 | Yellow |
| 1757-60EN | 1470 | 2205 | 14700 | 735 | 1470 | 7350 | 10:1 | 4.00 | Neoprene | Steel | Electroless Nickel | Thru Hole | 1.062 | .656 | Green |
| 1757-70EN | 1780 | 2700 | 17800 | 890 | 1780 | 8900 | 10:1 | 4.00 | Neoprene | Steel | Electroless Nickel | Thru Hole | 1.062 | .656 | Blue |

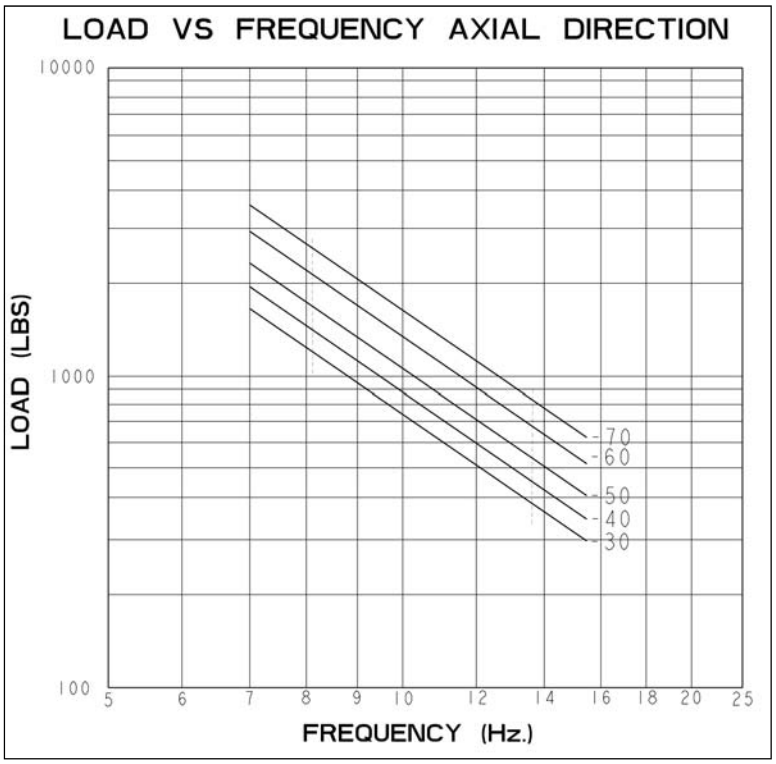
# Fail-Safe Compression Mount Series: 1757

## Dimension and Performance Characteristics



# Fail-Safe Compression Mount Series: 1757

## Dimension and Performance Characteristics




| SNUBBING WASHER |
|---|
| P/N SW-3250-1010-0250-SZ |
| O.D. = Ø 3.25" |
| I.D. = Ø 1.01" |
| THICKNESS = .250" |
| MATERIAL—1010-1020 CRS |
| FINISH—CLEAR ZINC |

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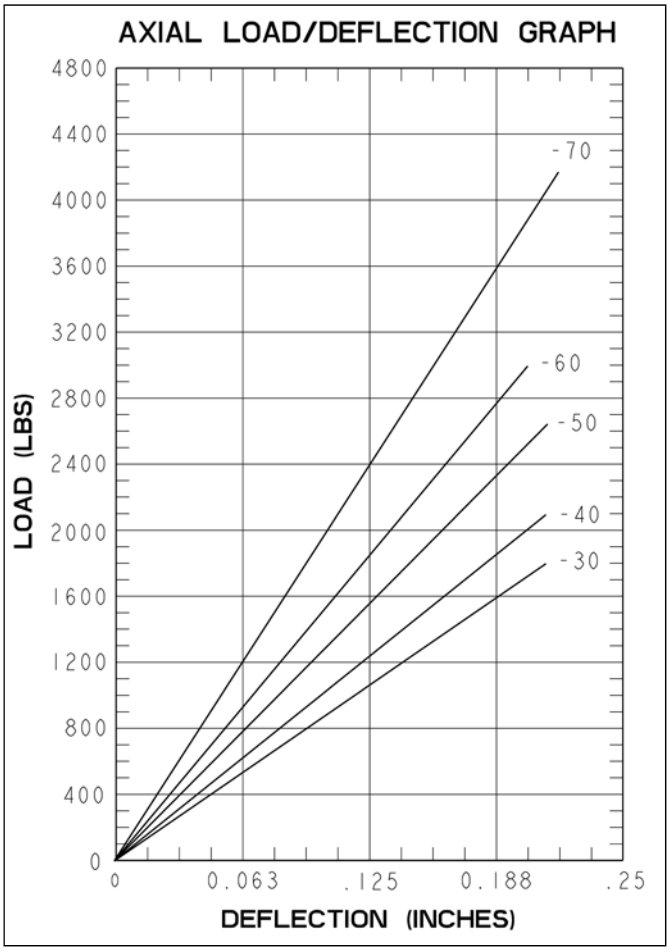
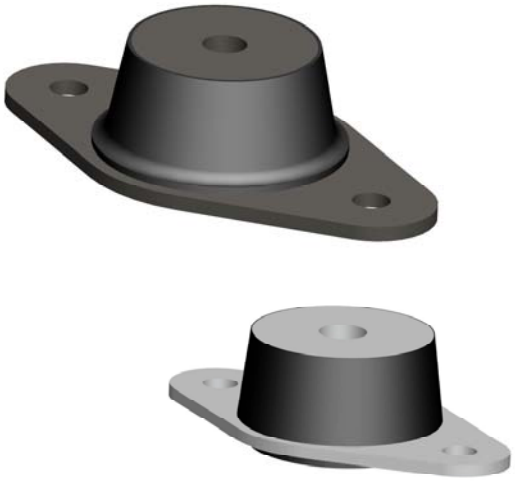


# Fail-Safe Compression Mount Series 1804/1805

## Compact, fail-safe isolation mounts for 4-cylinder or less diesel engines



## 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

## Attributes

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

## Load Range

- 1804 = 5 load ratings to 300 lbs.
- 1805 = 5 load ratings to 420 lbs.

**SNUBBING WASHERS**

| SERIES | P/N | O.D″ | I.D″ | THICKNESS″ | MATERIAL | FINISH |
|---|---|---|---|---|---|---|
| 1804 | SW-2000-0450-0125-SW | 2.00″ | .450″ | .125″ | 1010-1020 CRS | Clear Zinc |
| 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— 1804 = 7 oz. / 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.

# Fail-Safe Compression Mount Series: 1804

## Dimension and Performance Characteristics

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1804-1 | 50 | 500 | 10:1 | 1.25 | Neoprene | Steel | Thru Hole | .396 | .340 | Red |
| 1804-3 | 90 | 900 | 10:1 | 1.25 | Neoprene | Steel | Thru Hole | .396 | .340 | Orange |
| 1804-5 | 150 | 1500 | 10:1 | 1.25 | Neoprene | Steel | Thru Hole | .396 | .340 | Yellow |
| 1804-7 | 215 | 2150 | 10:1 | 1.25 | Neoprene | Steel | Thru Hole | .396 | .340 | Green |
| 1804-9 | 300 | 3000 | 10:1 | 1.25 | Neoprene | Steel | Thru Hole | .396 | .340 | Blue |

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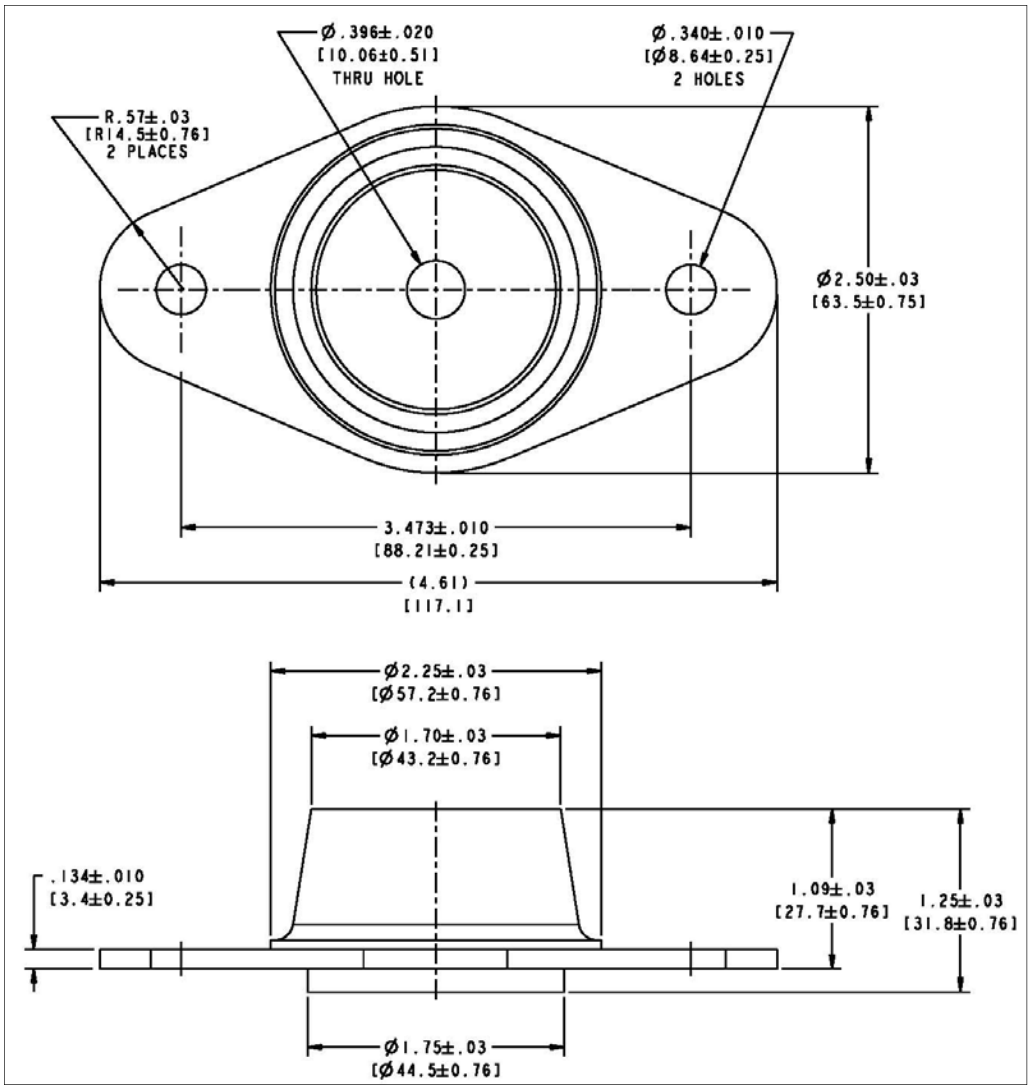
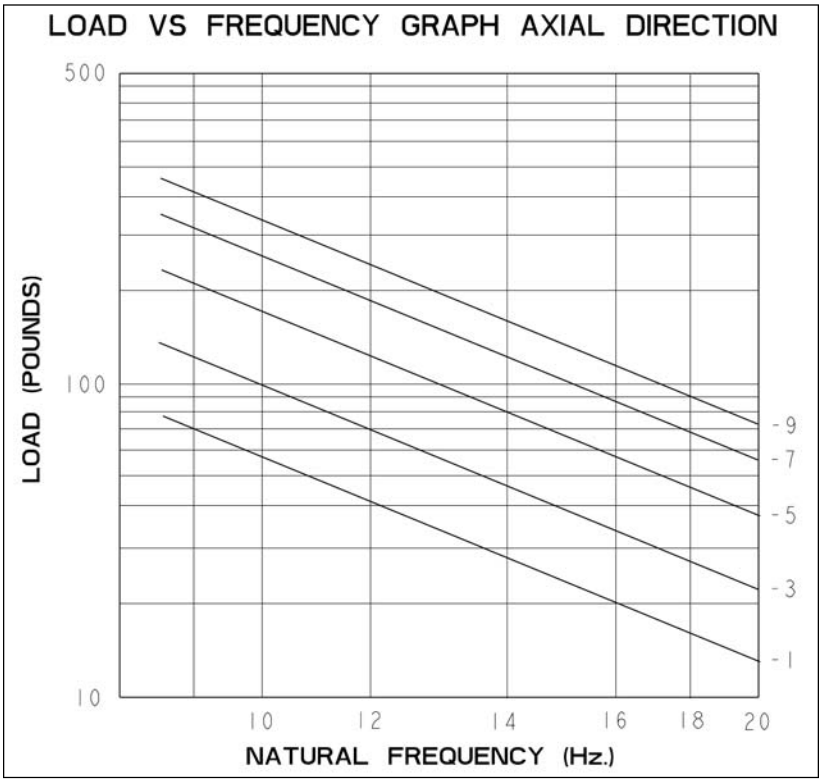
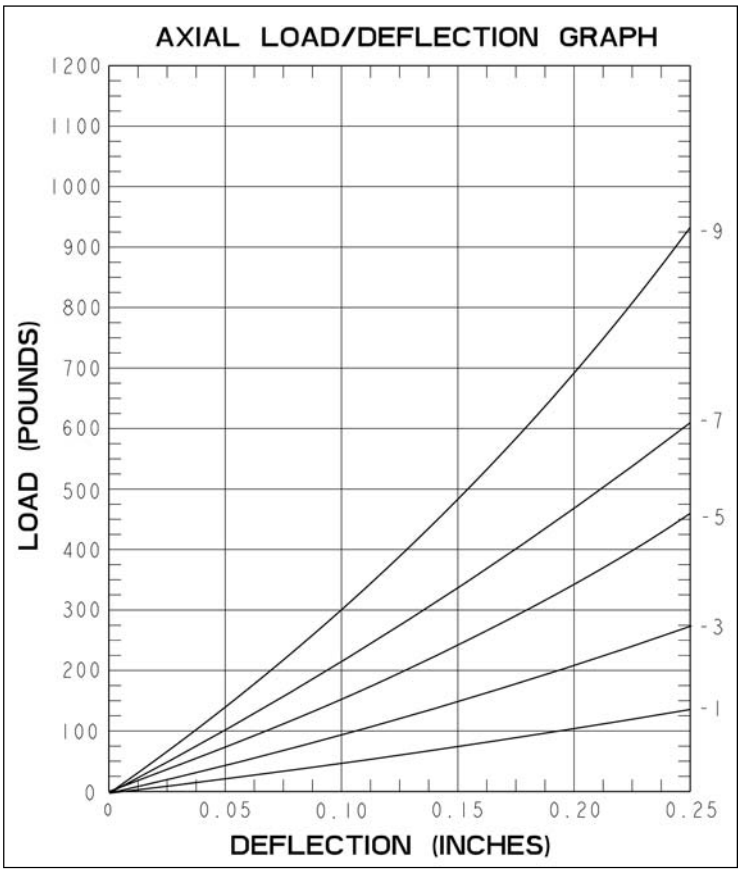


# Fail-Safe Compression Mount Series: 1804

## Dimension and Performance Characteristics



# Fail-Safe Compression Mount Series: 1805

## Dimension and Performance Characteristics

| 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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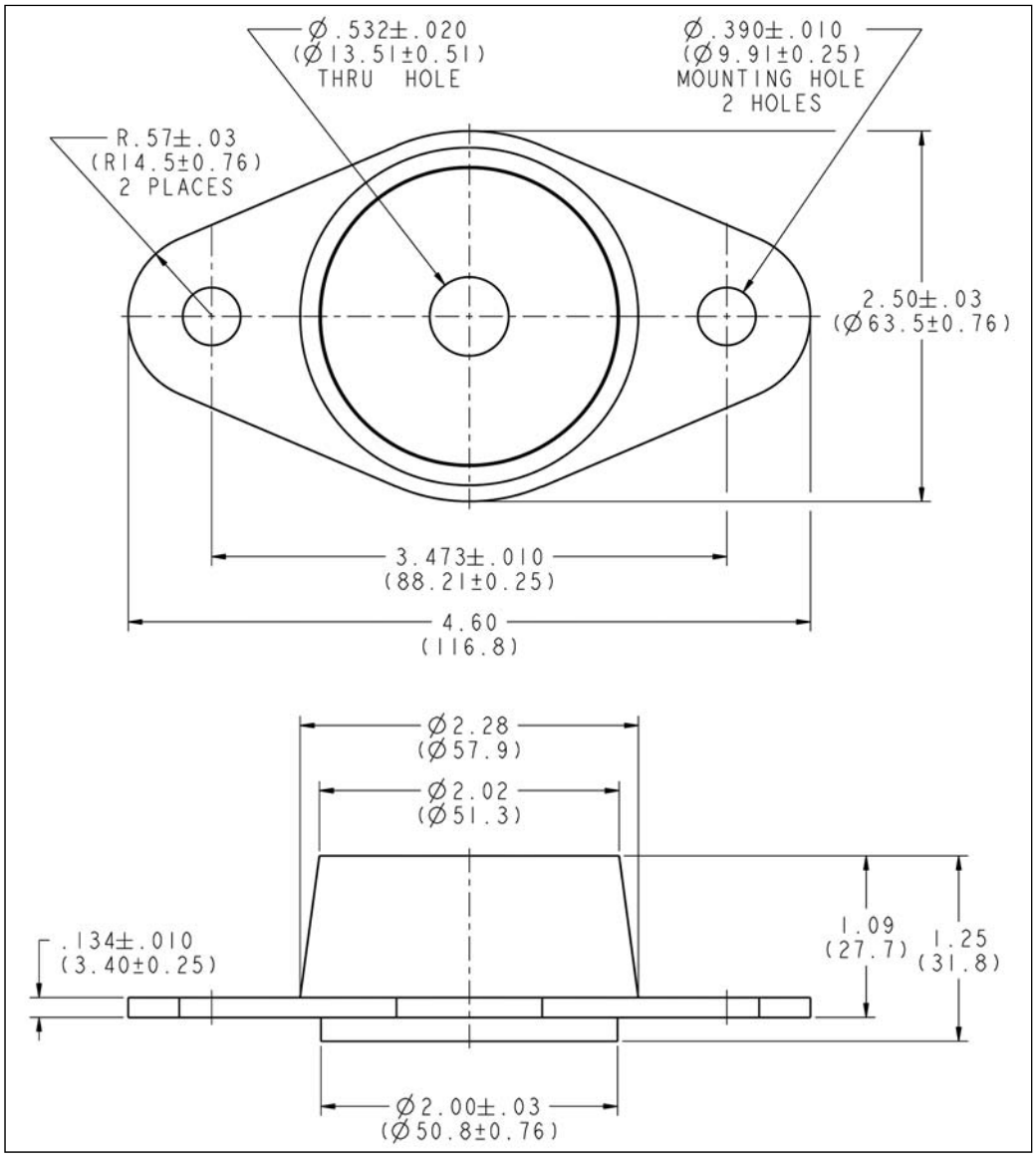
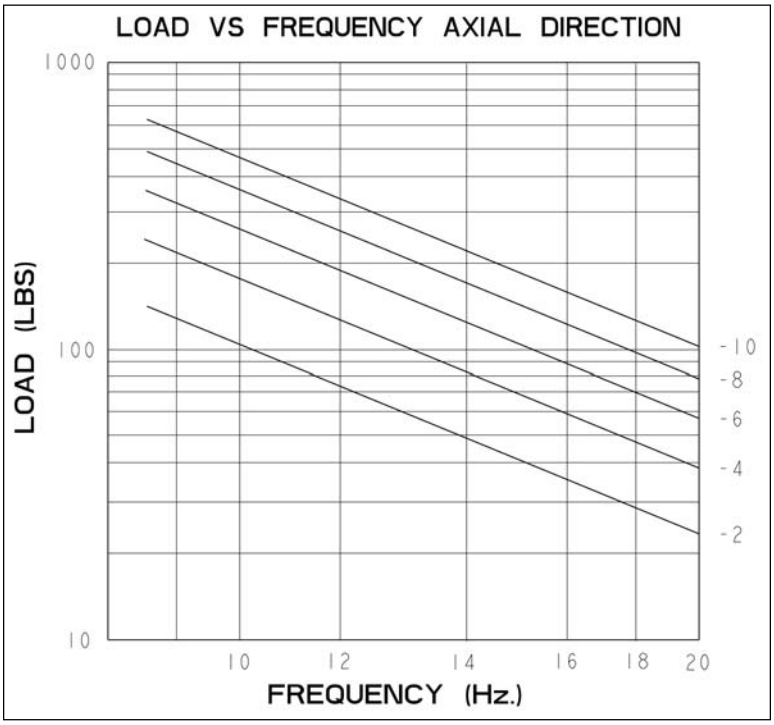
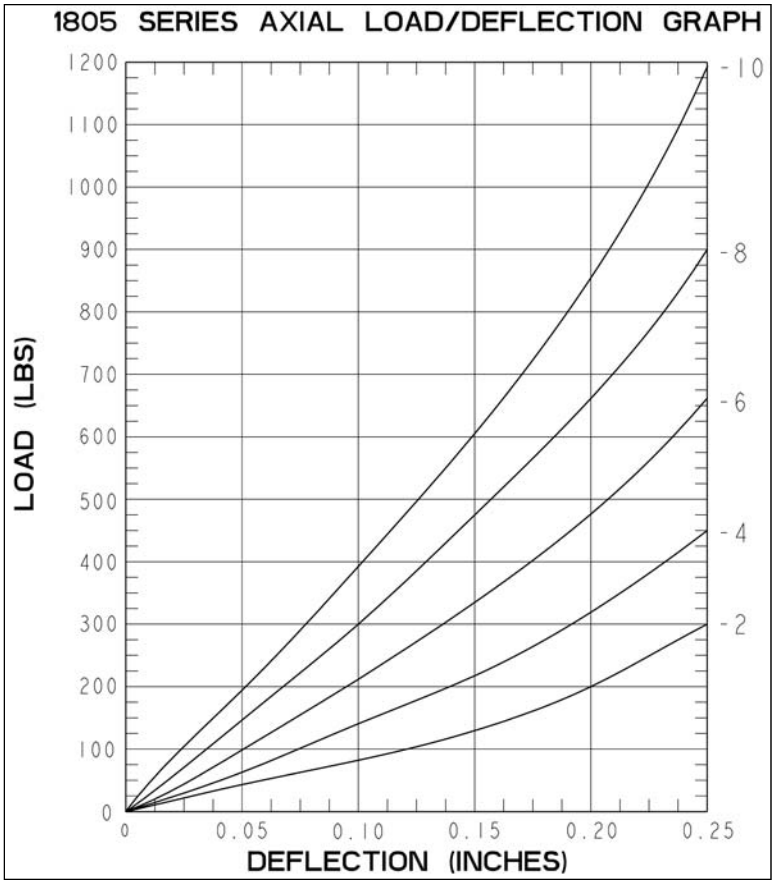


# Fail-Safe Compression Mount Series: 1805

## Dimension and Performance Characteristics



# PRODUCT INFORMATION

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