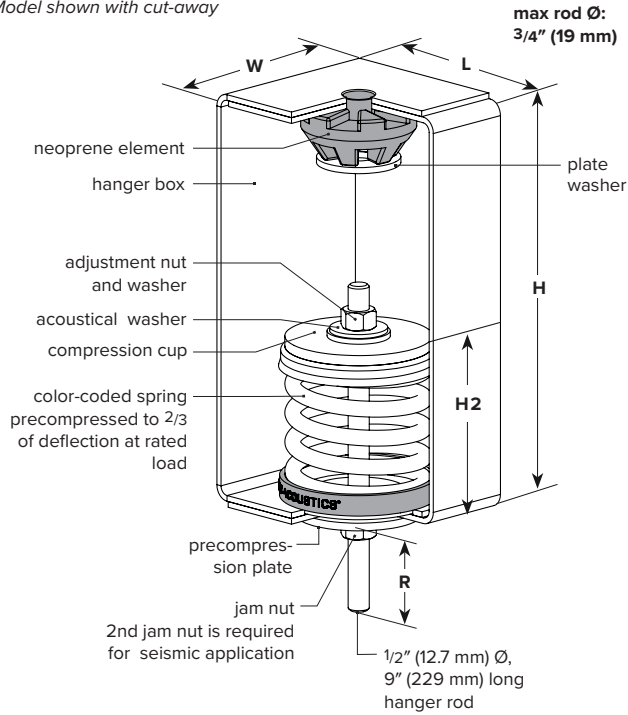


**2" (50 mm) Deflection PSHRB
Precompressed Spring Hanger
with Neoprene and Bottom Cup**

PSHRB-2

File No.: DS-PSHR2B-006 Date: 07 Nov 2020
Supersedes: DS-PSHR2B-005 Date: 24 Feb 2016

Model shown with cut-away



PERFORMANCE

| Model | Spring Color | Element Color | Rated Load | | Deflection at rated load | | Isolator Weight † | |
|---------------|--------------|---------------|------------|------|--------------------------|----|-------------------|-----|
| | | | lb | kN | in | mm | lb | kg |
| PSHRB-2N-50 | Red | Green | 50 | 0.22 | 2.0 | 51 | 8.3 | 3.8 |
| PSHRB-2N-100 | White | Green | 100 | 0.44 | 2.0 | 51 | 8.4 | 3.8 |
| PSHRB-2N-200 | Orange | Green | 200 | 0.89 | 2.0 | 51 | 9.0 | 4.1 |
| PSHRB-2N-300 | Green | Green | 300 | 1.33 | 2.1 | 53 | 9.0 | 4.1 |
| PSHRB-2N-400 | Grey | Red | 400 | 1.78 | 2.0 | 51 | 9.3 | 4.2 |
| PSHRB-2N-500 | Yellow | Black | 500 | 2.22 | 2.1 | 53 | 9.4 | 4.3 |
| PSHRB-2N-600 | Blue | Blue | 600 | 2.67 | 2.0 | 51 | 9.9 | 4.5 |
| PSHRB-2N-800 | Black | Blue | 800 | 3.56 | 2.1 | 53 | 9.5 | 4.3 |
| PSHRB-2N-1000 | Ivory | Yellow | 1000 | 4.45 | 2.0 | 51 | 9.9 | 4.5 |

† weights are approximate

DIMENSIONS: PSHRB-2N

| Model | L | W | H | H2* | R |
|----------|----|-----|-------|-------|--------|
| PSHRB-2N | in | mm | in | mm | in |
| 50-1000 | 5 | 127 | 4 1/2 | 114 | 10 1/4 |
| | | | 260 | 4 1/8 | 105 |
| | | | | | 4 |
| | | | | | 102 |

* precompressed height

NOTES

- Spring hanger with steel spring in a welded steel housing
- Spring is precompressed to 2/3 of deflection at rated load
- Spring sits in a molded neoprene cup which includes a sleeve through the bottom hole
- Hanger is designed to allow support rod misalignment through a 30-degree arc without contacting the hanger box
- Precompression plate can serve as a vertical uplift stopwasher for seismically restrained equipment, duct or piping. A second jam nut must be added to lock it in place
- Coupling (by others) is required for attaching to support rod
- Minimum 50% additional travel to solid
- All elements are safe at solid loading
- All hardware is zinc-plated or powder-coated
- Spring hanger boxes are galvanized or powder-coated

| | | | | | | |
|-----------------------------|--------------|------------------|-----------------------------------|--|--------------|------------------------------|
| Project: | | | plan view of hanger locations | | 1: | 6: |
| Customer: | | | | | 2: | 7: |
| Consultant: | | | | | 3: | 8: |
| Dwg No.: | Rev.: | Drawn by: | | | 4: | 9: |
| V-A Project Manager: | | | | | 5: | 10: |
| TAG: | | | EQUIPMENT: | | | QTY of sets required: |
| COMMENTS: | | | | | DATE: | |