

**1" (25 mm) Deflection PSHB
Precompressed Spring Hanger
with Bottom Cup**

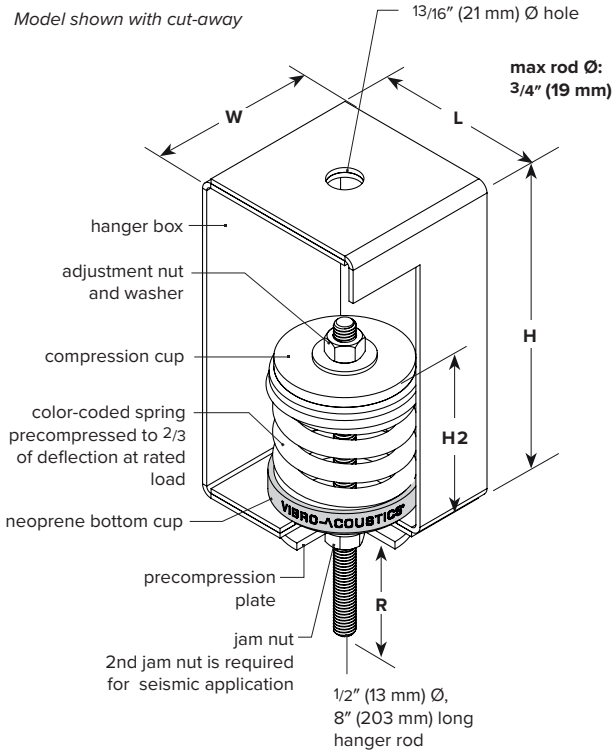
PSHB-1

File No.: DS-PSHB1-007

Date: 7 Nov 2020

Supersedes: DS-PSHB1-006

Date: 19 Sept 2019



PERFORMANCE

| Model | Spring Color | Rated Load | | Deflection at rated load | | Isolator Weight † | |
|--------------|--------------|------------|------|--------------------------|----|-------------------|-----|
| | | lb | kN | in | mm | lb | kg |
| PSHB-1N-50* | Blue | 50 | 0.22 | 1.0 | 25 | 6.3 | 2.9 |
| PSHB-1N-100* | White | 100 | 0.44 | 1.0 | 25 | 6.5 | 3.0 |
| PSHB-1N-150* | Orange | 150 | 0.67 | 1.0 | 25 | 6.5 | 3.0 |
| PSHB-1N-200* | Green | 200 | 0.89 | 1.0 | 25 | 6.7 | 3.1 |
| PSHB-1N-300 | Black | 300 | 1.33 | 1.0 | 25 | 6.8 | 3.1 |
| PSHB-1N-400 | Green | 400 | 1.78 | 1.0 | 25 | 7.2 | 3.3 |
| PSHB-1N-500 | Yellow | 500 | 2.22 | 1.0 | 25 | 7.3 | 3.3 |
| PSHB-1N-600 | Red | 600 | 2.67 | 1.0 | 25 | 7.4 | 3.4 |
| PSHB-1N-800 | Blue | 800 | 3.56 | 1.0 | 25 | 7.6 | 3.5 |

* for smaller isolator, see PSHB-SN † weights are approximate

DIMENSIONS: PSHB-1N

| Model | L | W | H | H2* | R |
|---------|-----------|-------|-----------|----------|----------|
| PSHB-1N | in | in | in | in | in |
| 50-800 | 4 1/4 108 | 4 102 | 8 1/4 210 | 3 3/4 95 | 3 1/2 89 |

* 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 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | 1: | 6: |
| Customer: | | | | | 2: | 7: |
| Consultant: | | | | | 3: | 8: |
| Dwg No.: | Rev.: | Drawn by: | | | 4: | 9: |
| V-A Project Manager: | | | | | 5: | 10: |
| TAG: | | | QTY of sets required: | | | |
| COMMENTS: | | | EQUIPMENT: | | | |
| | | | | | DATE: | |