

**1" (25 mm) Deflection PSHRB
Precompressed Spring Hanger
with Neoprene and Bottom Cup**

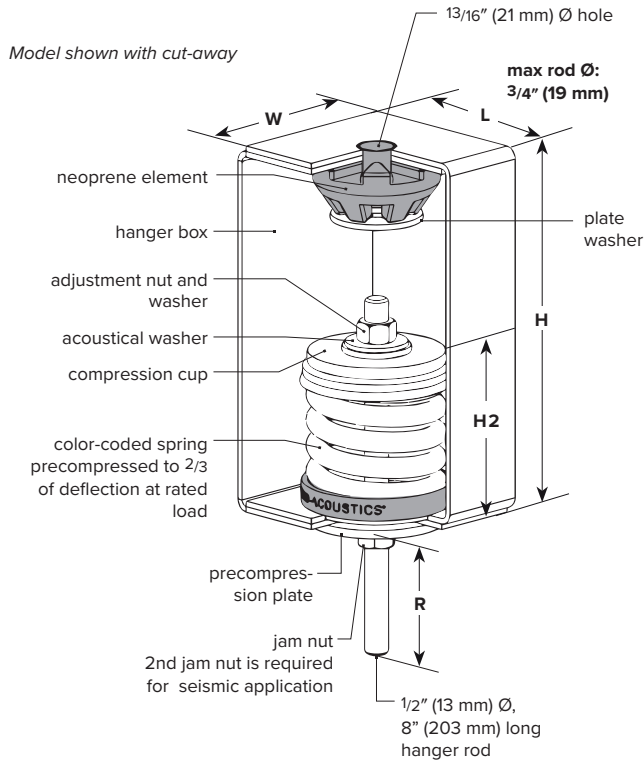
PSHRB-1

File No.: DS-PSHRB1-007

Date: 07 Nov 20120

Supersedes: DS-PSHRB1-006

Date: 24 Feb 2016



PERFORMANCE

Model	Spring Color	Element Color	Rated Load		Deflection at rated load		Isolator Weight †	
			lb	kN	in	mm	lb	kg
PSHRB-1N-50*	Blue	Green	50	0.22	1.0	25	5.9	2.7
PSHRB-1N-100*	White	Green	100	0.44	1.0	25	6.2	2.8
PSHRB-1N-150*	Orange	Green	150	0.67	1.0	25	6.2	2.8
PSHRB-1N-200*	Green	Green	200	0.89	1.0	25	6.4	2.9
PSHRB-1N-300	Black	Green	300	1.33	1.0	25	6.6	3.0
PSHRB-1N-400	Green	Red	400	1.78	1.0	25	6.6	3.0
PSHRB-1N-500	Yellow	Black	500	2.22	1.0	25	7.0	3.2
PSHRB-1N-600	Red	Blue	600	2.67	1.0	25	7.1	3.2
PSHRB-1N-800	Blue	Blue	800	3.56	1.0	25	7.3	3.3

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

DIMENSIONS: PSHRB-1N

Model	L	W	H	H2*	R
PSHRB-1N	in	in	in	in	in
50-800	4 1/4	4	8 1/4	3 3/4	3 1/2

* 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 galvanized
- 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:			EQUIPMENT:			
COMMENTS:				QTY of sets required:		
					DATE:	