VIBRO-\COUSTICS by Swegon

1-800-565-8401

1-888-811-2264

tel: 416-291-7371

fax: 416-291-8049



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

 web:
 www.vibro-acoustics.com
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 eml:
 info@vibro-acoustics.com
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13/16" (21 mm) Ø hole Model shown with cut-away max rod Ø: 3/4" (19 mm) A hanger box adjustment nut and washer н compression cup color-coded spring precompressed to 2/3 H2 of deflection at rated load IBRO-ACOUSTIC neoprene bottom cup precompression plate R jam nut 2nd jam nut is required for seismic application 1/2" (13 mm) Ø, 8" (203 mm) long

hanger rod

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	н	H2*	R	
PSHB-1N	in mm	in mm	in mm	in mm	in mm	
50-800	4 1 /4 108	4 102	81 /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				1:	6:			
Customer:								2:	7:	
Consultant:							3:	8:		
							4:	9:		
Dwg No.:	Rev:	Drawn by:						5:	10:	
									10.	
V-A Project Manager:								QTY of sets required:		
TAG:			EQUIPMENT:							
COMMENTS:									DATE:	

PSHB-1