

**1" (25 mm) Deflection PSHR  
Precompressed Spring Hangers  
with Neoprene**

**PSHR-1**

File No.: DS-PSHR1-012

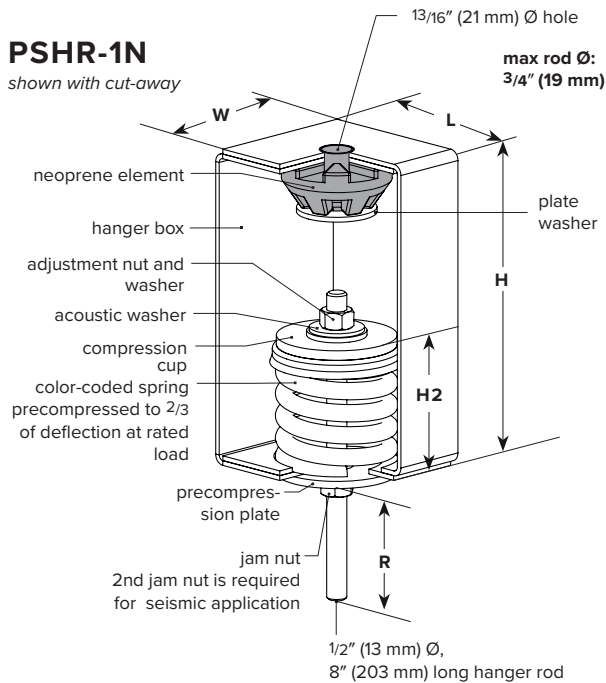
Date: 7 Nov 2020

Supersedes: DS-PSHR1-011

Date: 6 May 2016

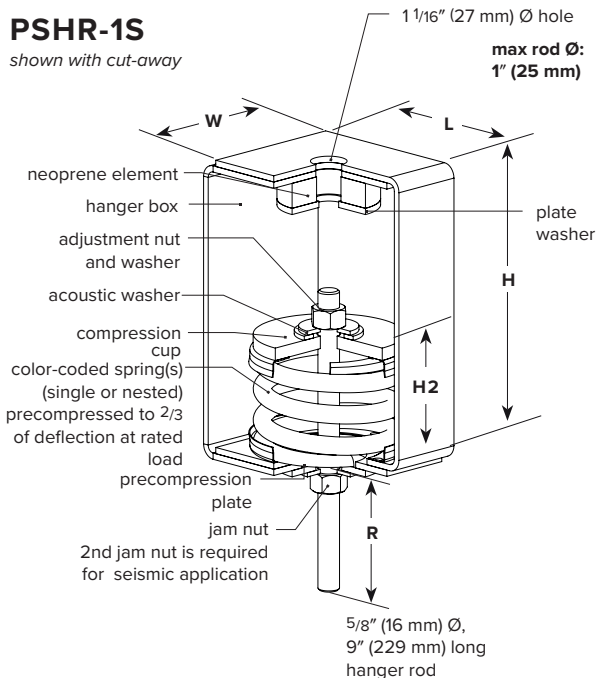
**PSHR-1N**

shown with cut-away



**PSHR-1S**

shown with cut-away



**PERFORMANCE**

Model	Spring Color	Element Color	Rated Load		Deflection at rated load		Isolator Weight †	
			lb	kN	in	mm	lb	kg
PSHR-1N-50*	Blue	Green	50	0.22	1.0	25	5.9	2.7
PSHR-1N-100*	White	Green	100	0.44	1.0	25	6.2	2.8
PSHR-1N-150*	Orange	Green	150	0.67	1.0	25	6.2	2.8
PSHR-1N-200*	Green	Green	200	0.89	1.0	25	6.4	2.9
PSHR-1N-300	Black	Green	300	1.33	1.0	25	6.6	3.0
PSHR-1N-400	Green	Red	400	1.78	1.0	25	6.6	3.0
PSHR-1N-500	Yellow	Black	500	2.22	1.0	25	7.0	3.2
PSHR-1N-600	Red	Blue	600	2.67	1.0	25	7.1	3.2
PSHR-1N-800	Blue	Blue	800	3.56	1.0	25	7.3	3.3
PSHR-1S-900	Orange/Green	Green	900	4.00	1.0	25	14.6	6.6
PSHR-1S-1000	White	Green	1000	4.45	1.0	25	13.9	6.3
PSHR-1S-1100	White/White	Green	1100	4.89	1.0	25	14.6	6.6
PSHR-1S-1200	White/Grey	Green	1200	5.34	1.0	25	14.9	6.7
PSHR-1S-1300	White/Black	Green	1300	5.78	1.0	25	15.0	6.8
PSHR-1S-1400	White/Green	Green	1400	6.23	1.0	25	15.1	6.8
PSHR-1S-1500	White/Yellow	Green	1500	6.67	1.0	25	15.4	7.0
PSHR-1S-1600	White/Red	Green	1600	7.12	1.0	25	15.5	7.0
PSHR-1S-1800	White/Blue	Green	1800	8.01	1.0	25	15.7	7.1

**DIMENSIONS: PSHR-1N** smaller isolator, see PSHR-SN † weights are approximate

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

\* precompressed height

**DIMENSIONS: PSHR-1S**

Model	L	W	H	H2*	R					
PSHR-1S	in	mm	in	mm	in	mm				
900-1800	5 1/2	140	4 1/2	114	9	229	4 1/8	105	3 1/2	89

\* precompressed height

**NOTES**

- Spring hanger with steel spring and welded steel housing.
- Springs are precompressed to 2/3 of deflection at rated load
- Hanger is designed to allow support rod misalignment through a 30-degree arc without contacting the hanger box
- Precompression plate serves as 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 safe at solid loading
- All hardware zinc-plated or powder coated
- Spring hanger boxes are galvanized or powder-coated

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