

**2" (50 mm) Deflection PSH
Precompressed Spring Hangers**

PSH-2

File No.: DS-PSH2-012

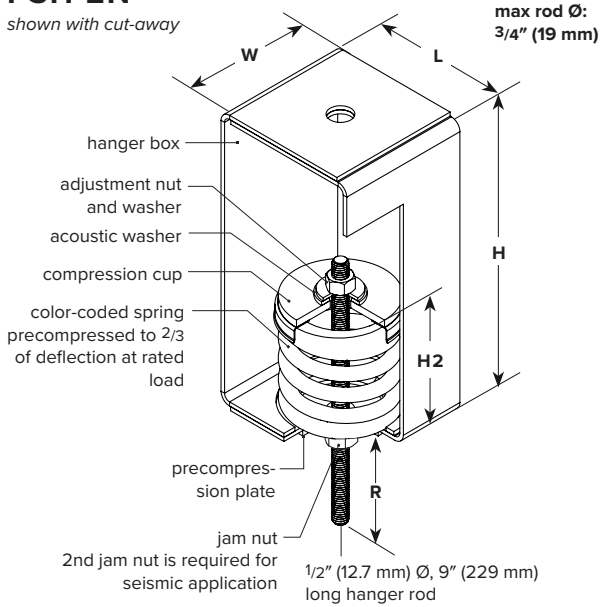
Date: 07 Nov 2020

Supersedes: DS-PSH2-011

Date: 24 Feb 2016

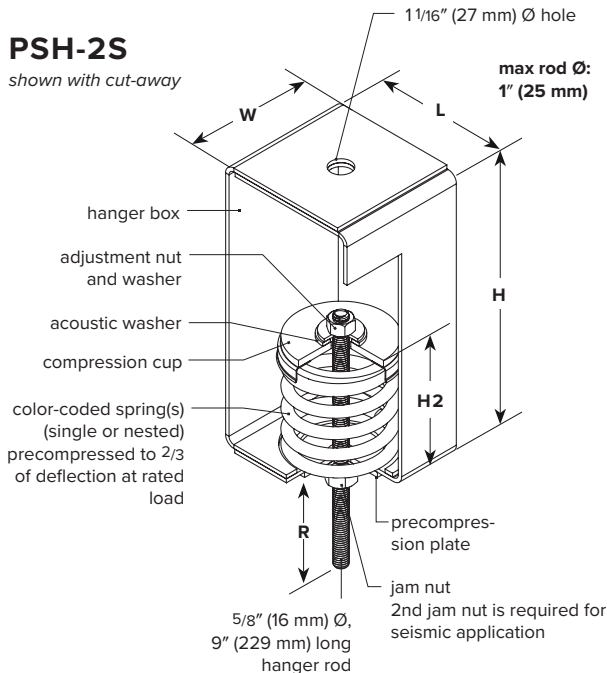
PSH-2N

shown with cut-away



PSH-2S

shown with cut-away



PERFORMANCE

Model	Spring Color outer-inner	Rated Load		Deflection at rated load		Isolator Weight †	
		lb	kN	in	mm	lb	kg
PSH-2N-50	Red	50	0.22	2.0	51	8.1	3.7
PSH-2N-100	White	100	0.44	2.0	51	8.2	3.7
PSH-2N-200	Orange	200	0.89	2.0	51	8.8	4.0
PSH-2N-300	Green	300	1.33	2.1	53	8.8	4.0
PSH-2N-400	Grey	400	1.78	2.0	51	9.1	4.1
PSH-2N-500	Yellow	500	2.22	2.1	53	9.2	4.2
PSH-2N-600	Blue	600	2.67	2.0	51	9.7	4.4
PSH-2N-800	Black	800	3.56	2.1	53	9.3	4.2
PSH-2N-1000	Ivory	1000	4.45	2.0	51	9.7	4.4
PSH-2S-800	Green	800	3.56	2.0	51	17.7	8.0
PSH-2S-900	Green/White	900	4.00	2.0	51	18.4	8.4
PSH-2S-1000	Green/Orange	1000	4.45	2.0	51	19.0	8.6
PSH-2S-1100	Green/Green	1100	4.89	2.0	51	19.0	8.6
PSH-2S-1200	Green/Grey	1200	5.34	2.0	51	19.3	8.7
PSH-2S-1300	Green/Yellow	1300	5.78	2.0	51	19.4	8.8
PSH-2S-1400	Green/Blue	1400	6.23	2.0	51	19.9	9.0
PSH-2S-1600	Green/Black	1600	7.12	2.1	53	19.5	8.8
PSH-2S-1800	Green/Ivory	1800	8.01	2.0	51	19.9	9.0

† weights are approximate

DIMENSIONS: PSH-2N

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

* precompressed height

DIMENSIONS: PSH-2S

Model	L	W	H	H2*	R					
PSH-2S	in	mm	in	mm	in	mm				
800-1800	6 1/2	165	5	127	11 1/2	292	5	127	4	102

* 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

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:	QTY of sets required:	
TAG:			EQUIPMENT:			
COMMENTS:			DATE:			