

## 1" (25 mm) Deflection SHR Spring Hangers with Neoprene

## SHR-1

File No.: DS-SHR1-013

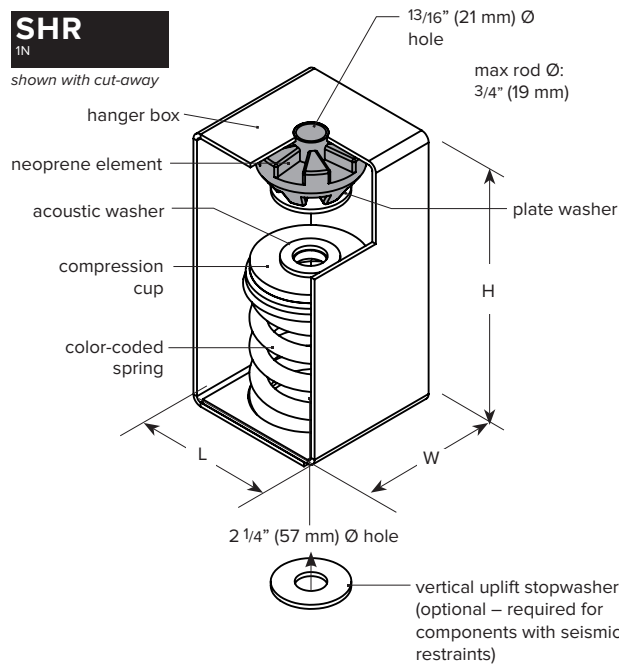
Date: 06 May 2022

Supersedes: DS-SHR1-12

Date: 06 Nov 2020

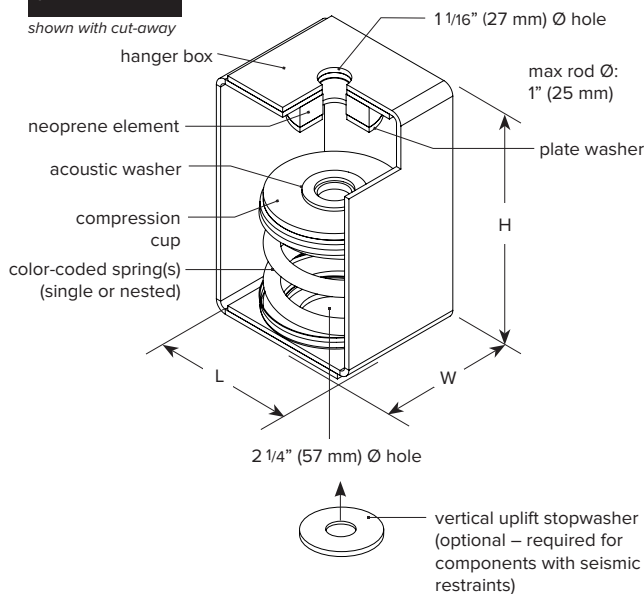
### SHR-1N

shown with cut-away



### SHR-1S

shown with cut-away



### PERFORMANCE

Model	Spring Color outer-inner	Element Color	Rated Load		Deflection at rated load		Isolator Weight †	
			lb	kN	in	mm	lb	kg
SHR-1N-50*	Blue	Green	50	0.22	1.0	25	5.5	2.5
SHR-1N-100*	White	Green	100	0.44	1.0	25	5.8	2.6
SHR-1N-150*	Orange	Green	150	0.67	1.0	25	5.7	2.6
SHR-1N-200*	Grey	Green	200	0.89	1.0	25	6.0	2.7
SHR-1N-300	Black	Green	300	1.33	1.0	25	6.2	2.8
SHR-1N-400	Green	Red	400	1.78	1.0	25	6.2	2.8
SHR-1N-500	Yellow	Black	500	2.22	1.0	25	6.6	3.0
SHR-1N-600	Red	Blue	600	2.67	1.0	25	6.7	3.0
SHR-1N-800	Blue	Blue	800	3.56	1.0	25	6.9	3.1
SHR-1S-900	Orange-Green	Green	900	4.00	1.0	25	14.0	6.3
SHR-1S-1000	White	Green	1000	4.45	1.0	25	13.2	6.0
SHR-1S-1100	White-White	Green	1100	4.89	1.0	25	13.9	6.3
SHR-1S-1200	White-Grey	Green	1200	5.34	1.0	25	14.2	6.4
SHR-1S-1300	White-Black	Green	1300	5.78	1.0	25	14.4	6.5
SHR-1S-1400	White-Green	Green	1400	6.23	1.0	25	14.4	6.5
SHR-1S-1500	White-Yellow	Green	1500	6.67	1.0	25	14.7	6.7
SHR-1S-1600	White-Red	Green	1600	7.12	1.0	25	14.8	6.7
SHR-1S-1800	White-Blue	Green	1800	8.01	1.0	25	15.0	6.7

\* for smaller hanger box, see SHR-SN † weights are approximate

### DIMENSIONS: SHR-1N

Model	L	W	H
SHR-1N	in	mm	in
50-800	4 1/4	108	8 1/4

### DIMENSIONS: SHR-1S

Model	L	W	H
SHR-1S	in	mm	in
900-1800	5 1/2	140	9

### NOTES

- Spring hanger with steel spring and neoprene element in series in a welded steel housing
- Hanger is designed to allow support rod misalignment through a 30-degree arc without contacting the hanger box
- Vertical uplift stopwasher must be added on spring hangers for seismically restrained equipment, duct or piping
- Minimum 50% additional travel to solid
- Springs and housing powder coated or galvanized, hardware is zinc-plated or powder coated

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