



## 1" (25 mm) Deflection SH Spring Hangers

## SH-1

File No.: DS-SH1-012  
Supersedes: DS-SH1-011

Date: 06 May 2022  
Date: 06 Nov 2020

### PERFORMANCE

Model	Spring Color outer-inner	Rated Load		Deflection at rated load		Isolator Weight †	
		lb	kN	in	mm	lb	kg
SH-1N-50*	Blue	50	0.22	1.0	25	4.9	2.2
SH-1N-100*	White	100	0.44	1.0	25	5.2	2.3
SH-1N-150*	Orange	150	0.67	1.0	25	5.2	2.3
SH-1N-200	Grey	200	0.89	1.0	25	5.4	2.5
SH-1N-300	Black	300	1.33	1.0	25	5.6	2.5
SH-1N-400	Green	400	1.78	1.0	25	5.6	2.5
SH-1N-500	Yellow	500	2.22	1.0	25	5.9	2.7
SH-1N-600	Red	600	2.67	1.0	25	6.0	2.7
SH-1N-800	Blue	800	3.56	1.0	25	6.3	2.8
SH-1S-900	Orange-Green	900	4.00	1.0	25	13.4	6.1
SH-1S-1000	White	1000	4.45	1.0	25	12.6	5.7
SH-1S-1100	White-White	1100	4.89	1.0	25	13.3	6.0
SH-1S-1200	White-Grey	1200	5.34	1.0	25	13.6	6.2
SH-1S-1300	White-Black	1300	5.78	1.0	25	13.7	6.2
SH-1S-1400	White-Green	1400	6.23	1.0	25	13.8	6.2
SH-1S-1500	White-Yellow	1500	6.67	1.0	25	14.1	6.4
SH-1S-1600	White-Red	1600	7.12	1.0	25	14.2	6.4
SH-1S-1800	White-Blue	1800	8.01	1.0	25	14.4	6.5
SH-1SS-2000	Red-Yellow	2000	8.90	1.0	25	22.1	10.0
SH-1SS-2500	Red-Ivory	2500	11.12	1.0	25	23.9	10.9
SH-1SS-3000	Black-Yellow	3000	13.35	1.0	25	24.5	11.1
SH-1SS-3500	Black-Ivory	3500	15.57	1.0	25	24.7	11.2

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

### DIMENSIONS: SH-1N

Model	L	W	H
SH-1N	in mm	in mm	in mm
50-800	4 ¼ 108	4 102	6 ¾ 171

### DIMENSIONS: SH-1S

Model	L	W	H
SH-1S	in mm	in mm	in mm
900-1800	5 ½ 140	4 ½ 114	9 229

### DIMENSIONS: SH-1SS

Model	L	W	H
SH-1SS	in mm	in mm	in mm
2000-3500	6 ¾ 171	5 102	12 ¼ 229

### NOTES

- Spring hanger with steel spring and welded steel housing
- For 1N & 1S: 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 are powder coated for SH-1N & 1S
- Compression cups are zinc plated or powder coated
- SH-1SS housing is enamel painted
- SH-1N & 1S housing are powder coated or galvanized

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:		