VIBRO-\COUSTICS by Swegon

6

2 1/4" (57 mm) Ø hole

4

(3)

2 1/4" (57 mm) Ø hole

15/8" (41 mm) Ø hole

VISCMA

tel: 416-291-7371 1-800-565-8401 fax: 416-291-8049 1-888-811-2264

hanger box

compression cup
color-coded
spring

SH-1N

SH-1S

hanger box

acoustic washer

compression

cup

color-coded

spring(s)
(single or nested)

SH-1SS

hanger box

acoustic washer

color-coded spring(s)

(single or nested)

compression

cup

web: www.vibro-acoustics.com eml: info@vibro-acoustics.com

13/16" (21 mm) Ø

max rod Ø:

3/4" (19 mm)

vertical uplift stopwasher (optional – required for

components with seismic

max rod Ø: 1" (25 mm)

vertical uplift stopwasher

components with seismic

(optional – required for

11/16" (27 mm) Ø

max rod Ø:

1" (25 mm)

vertical uplift stopwasher

components with seismic

(optional - required for

restraints)

hole

restraints)

1¹/16" (27 mm) Ø hole

hole

1" (25 mm) Deflection SH Spring Hangers

SH-1

 File No.: DS-SH1-011
 Date: 06 Nov 2020

 Supersedes: DS-SH1-010
 Date: 24 Feb 2016

PERFORMANCE

Model	Spring Color	Rated Load	Deflection at rated load	Isolator Weight †
	outer-inner	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

DIMENSIONS: SH-1N

Model	L	W	Н	
SH-1N	in mm	in mm	in mm	
50-800	4 1/4 108	4 102	8 1/4 210	

DIMENSIONS: SH-1S

Model	odel L		Н		
SH-1S	in mm	in mm	in mm		
900–1800	5 1/2 140	4 1/2 114	9 229		

DIMENSIONS: SH-1SS

Model	L	W	Н	
SH-1SS	in mm	in mm	in mm	
2000–3500	6 3/4 171	5 102	12 1/4 229	

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

		restraints)				gan	/anized
Project:			plan view of hanger lo	ocations		1:	6:
Customer:						2:	7:
Consultant:					3:	8:	
Consultant.					4:	9:	
Dwg No.:	Rev:	Drawn by:				5:	10:
V-A Project Manager:					QTY of sets required:		
TAG:			EQUIPMENT:				
COMMENTS:				DATE:			

[†] weights are approximate