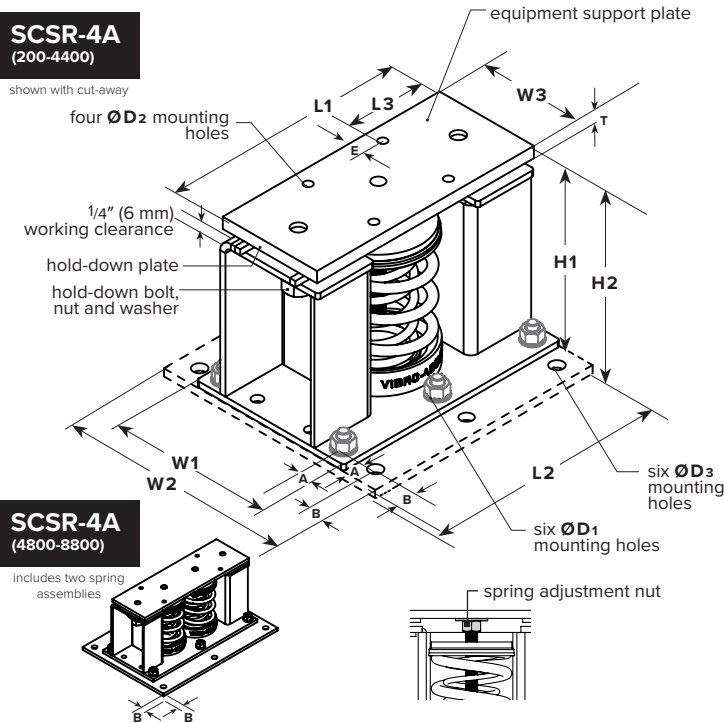


tel: 416-291-7371 1-800-565-8401  
fax: 416-291-8049 1-888-811-2264

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

## SCSR-4A (200-4400)

shown with cut-away



## SCSR-4A (4800-8800)

includes two spring assemblies



## SCSR Seismic Restrained Spring Isolator

CONCRETE STRUCTURE

# SCSR

4A

File No.: DS-SCSR4-C-004

Date: 15 Aug 2023

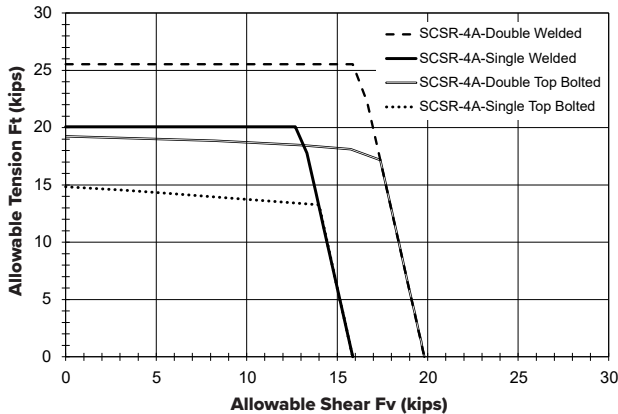
Supersedes: DS-SCSR4-C-003

Date: 3 Mar 2021

### PERFORMANCE

Model	Spring Color outer-inner	Rated Load		Deflection at rated load		Isolator Weight †	
		lb	kN	in	mm	lb	kg
SCSR-4A-H-200	Blue	200	0.89	4.0	102	74.6	33.8
SCSR-4A-H-400	Blue-Blue	400	1.78	4.0	102	75.6	34.3
SCSR-4A-H-600	Red	600	2.67	4.0	102	72.6	32.9
SCSR-4A-H-800	Red-Blue	800	3.56	4.0	102	72.9	33.1
SCSR-4A-H-1000	Red-Red	1000	4.45	4.0	102	75.8	34.4
SCSR-4A-H-1200	Green	1200	5.34	4.0	102	76.2	34.6
SCSR-4A-H-1400	Green-Blue	1400	6.23	4.0	102	73.3	33.2
SCSR-4A-H-1600	Green-Red	1600	7.12	4.0	102	75.1	34.1
SCSR-4A-H-1800	Green-White	1800	8.01	4.0	102	75.6	34.3
SCSR-4A-H-2000	Black	2000	8.90	4.0	102	76.3	34.6
SCSR-4A-H-2200	Black-Blue	2200	9.79	4.0	102	76.7	34.8
SCSR-4A-H-2400	Black-Red	2400	10.68	4.0	102	76.3	34.6
SCSR-4A-H-2600	Black-White	2600	11.57	4.0	102	77.7	35.2
SCSR-4A-H-3000	Black-Black	3000	13.34	4.0	102	78.8	35.7
SCSR-4A-H-3400	White	3400	15.12	4.0	102	78.3	35.5
SCSR-4A-H-3800	White-Red	3800	16.90	4.0	102	81.9	37.1
SCSR-4A-H-4400	White-Black	4400	19.57	4.0	102	84.4	38.3
SCSR-4A-H-4800	(2)Black-Red	4800	21.35	4.0	102	116.3	52.8
SCSR-4A-H-5200	(2)Black-White	5200	23.13	4.0	102	114.6	52.0
SCSR-4A-H-6000	(2)Black-Black	6000	26.69	4.0	102	116.6	52.9
SCSR-4A-H-6800	(2)White	6800	30.25	4.0	102	117.9	53.5
SCSR-4A-H-7600	(2)White-Red	7600	33.81	4.0	102	123.9	56.2
SCSR-4A-H-8800	(2)White-Black	8800	39.14	4.0	102	126.0	57.2

For higher capacities, contact Vibro-Acoustics factory  
† weights are approximate (oversized base plate for 200-4400 is 32 lb., 4800-8800 is 58 lb.)



### DIMENSIONS

Model	L1 in mm	L2 in mm	L3 in mm	W1 in mm	W2 in mm	W3 in mm
200-4400	15 3/4 387	15 3/4 387	5 127	10 3/8 264	14 7/8 378	6 5/8 168
4800-8800	21 7/8 556	24 610	5 127	10 5/8 270	17 432	6 3/8 175

Model	H1 in mm	H2 in mm	A in mm	B in mm	E in mm	ØD1 in mm	ØD2 in mm	ØD3 in mm	T in mm
200-4400	11 280	11 1/2 292	1 25	1 1/4 32	1 25	1 1/8 17	9/16 14	7/8 22	3/4 19
4800-8800	11 280	11 1/2 292	1 25	1 1/4 32	1 25	1 1/8 17	1 1/8 17	7/8 22	3/4 19

### NOTES

- The ratings assigned to the SCSR with single spring incorporate an additional safety factor of 1.25 which is considered for the shear and tension capacities.
- "Top bolted" ratings are based on using (4) A307 bolts to secure top plate to equipment or base.
- "Welded" ratings are based on using fillet weld with 1/4" leg size and 3.5" length on both sides of top plate above hold down bolts.
- Laterally and vertically restrained spring type isolators with housing and heavy top plates for equipment support.

- Welded steel construction housings with vertically restraining limit stops.
- Top Plate and restraining bolts are designed to be out of contact with housing during normal operation.
- Reinforcing neoprene elements (snubbers) are incorporated to minimize short-circuiting of restraining bolts. Springs supported with neoprene cups for noise isolation.
- Minimum 50% additional travel to solid. Minimum kx/ky ratio of 0.8.
- Housing is hot-dipped galvanized. All springs are powder-coated. Other components are plated or coated for outdoor applications.

### OVERSIZED BASE PLATE

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