

## SCSR Seismic Restrained Spring Isolator

## SCSR-3A

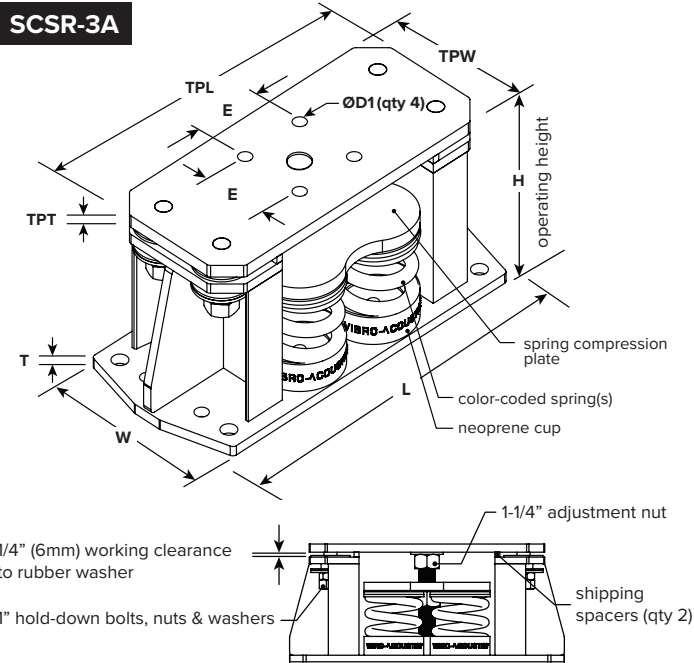
File No.: DS-SCSR-Q-3A-02

Date: 13 Dec 2023

Supersedes: DS-SCSR-Q-3A-01

Date: 5 Jul 2021

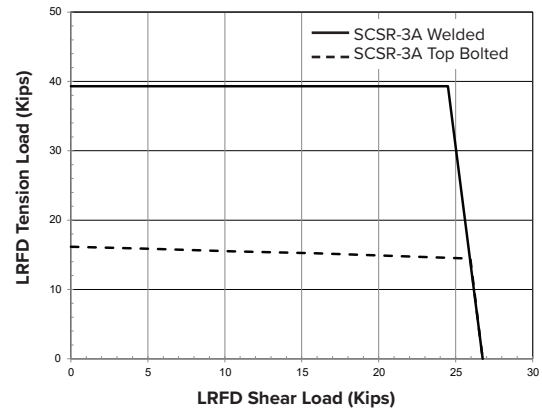
### SCSR-3A



### PERFORMANCE

Model	Spring Color outer-inner	Rated Load		Deflection at rated load		Isolator Weight †	
		lb	kN	in	mm	lb	kg
SCSR-3A-H-10000	(4)White-Black	10000	44.48	3.0	76	205	93
SCSR-3A-H-11200	(4)Red	11200	49.82	3.0	76	205	93
SCSR-3A-H-12000	(4)Red-Yellow	12000	53.38	3.0	76	212	96
SCSR-3A-H-13200	(4)Red-Red	13200	58.72	3.0	76	217	98
SCSR-3A-H-14400	(4)Red-Blue	14400	64.05	3.0	76	217	98
SCSR-3A-H-16400	(4)Red-Black	16400	72.95	3.0	76	217	98

† weights are approximate



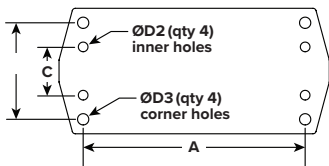
### NOTES

- > "Top bolted" rating is based on using (4) A325 bolts to secure top plate to equipment or base.
- > "Welded" rating is based on using fillet weld with 1/4" leg size and 3" length on both sides of top plate above hold down bolts on 4 corners.
- > Laterally stable and all-direction restrained spring type isolator with steel housing and heavy top plate for equipment support
- > Welded high-strength steel housing with vertically restraining limit stops
- > Top plate and restraining bolts designed to be out of contact with housing during normal operation.
- > Reinforced neoprene elements used in all-directional snubbers to prevent short-circuiting of restraining bolts. Spring supported with neoprene cups for noise isolation.
- > Springs have minimum 50% additional travel to solid and kx/ky ratio of 0.8.
- > Housing and compression plate are hot dip galvanized. Springs are powder-coated enamel; Hardware is zinc plated.
- > As an option, top plates may be supplied with UNC tapped holes for securing to supported equipment.
- > The base plate of the isolator must have continuous support and supporting structure should have a minimum width equal to that of top plate.

### DIMENSIONS

L	W	H	E	T	
in	mm	in	mm	in	mm
25 1/4	641	12 3/4	324	11 3/8	289
3 3/4	95	1/2	13		
TPL	TPW	TPT	ØD1	ØD1 - UNC tapped	
in	mm	in	mm	in	mm
22	559	10	254	5/8	16
				3/4	19
				5/8	16

### BASE PLATE



AxB dimensions typically used for connecting to concrete.

AxC dimensions typically used for connecting to steel structure.

### DIMENSIONS

A	B	C	ØD2	ØD3	
in	mm	in	mm	in	mm
21	533	10 3/4	273	3 3/4	95
				3/4	19
				7/8	22

### OPTION TAPPED HOLES IN TOP PLATE

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:			5.	10.
TAG:	EQUIPMENT:		QTY of sets required:	
COMMENTS:			DATE:	