

SCSR Seismic Restrained Spring Isolator

SCSR-2A

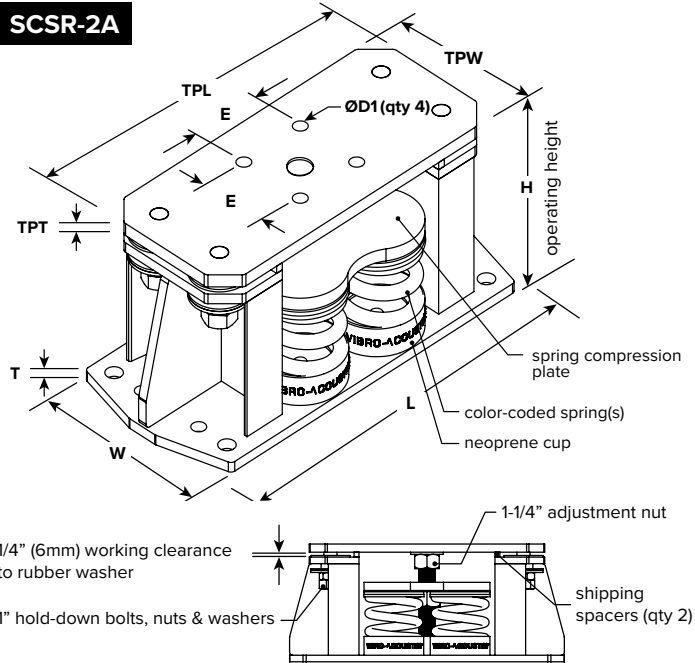
File No.: DS-SCSR-Q-2A-02

Date: 5 Jul 2021

Supersedes: DS-SCSR-Q-2A-01

Date: 5 Feb 2019

SCSR-2A



PERFORMANCE

Model	Spring Color outer-inner	Rated Load		Deflection at rated load		Isolator Weight †	
		lb	kN	in	mm	lb	kg
SCSR-2A-H-9200	(4)Black-Green	9200	40.92	2.0	51	148	67
SCSR-2A-H-10000	(4)Black-Yellow	10000	44.48	2.0	51	148	67
SCSR-2A-H-11200	(4)Black-Black	11200	49.82	2.0	51	148	67
SCSR-2A-H-12000	(4)Black-Ivory	12000	53.38	2.0	51	148	67
SCSR-2A-H-13200	(4)Blue	13200	58.72	2.0	51	148	67
SCSR-2A-H-14000	(4)Blue-Orange	14000	62.28	2.0	51	153	70
SCSR-2A-H-15200	(4)Blue-Yellow	15200	67.61	2.0	51	153	70
SCSR-2A-H-16400	(4)Blue-Black	16400	72.95	2.0	51	153	70
SCSR-2A-H-17200	(4)Blue-Ivory	17200	76.51	2.0	51	156	71
SCSR-2A-H-18000	(4)Blue-Red	18000	80.07	2.0	51	156	71

† weights are approximate

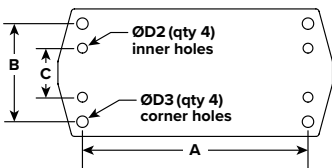
NOTES

- > 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 vibration isolation
- > Springs have minimum 50% additional travel to solid and kx/ky ratio of 0.8
- > Housing and compression plate are hot-dipped galvanized for corrosion protection
- > Isolator lateral capacities exceed 1.0 G. Review calculations or contact Vibro-Acoustics for further information
- > Springs are powder-coated enamel; hardware is zinc plated
- > Neoprene spring support cups provide high-frequency vibration isolation
- > As an option, top plates may be supplied with UNC tapped holes for securing to supported equipment.
- > If less than 80% of the top plate is covered by the supported equipment, an additional plate of the same thickness must be added. See installation instructions for further information. Contact Vibro-Acoustics to order separate matching top plates as needed.

DIMENSIONS

L	W	H	E	T	
in	mm	in	mm	in	mm
22 ¾	578	11	279	9 ½	241
3 ¾	95	½	13		
TPL	TPW	TPT	ØD1	ØD1 - UNC tapped	
in	mm	in	mm	in	mm
19 ¼	489	8	203	5/8	16
				¾	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
18 ½	470	9	229	3 ¾	95
				¾	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:			QTY of sets required:	
COMMENTS:			EQUIPMENT:	
			DATE:	