

SCSR Seismic Restrained Spring Isolator

SCSR-1A

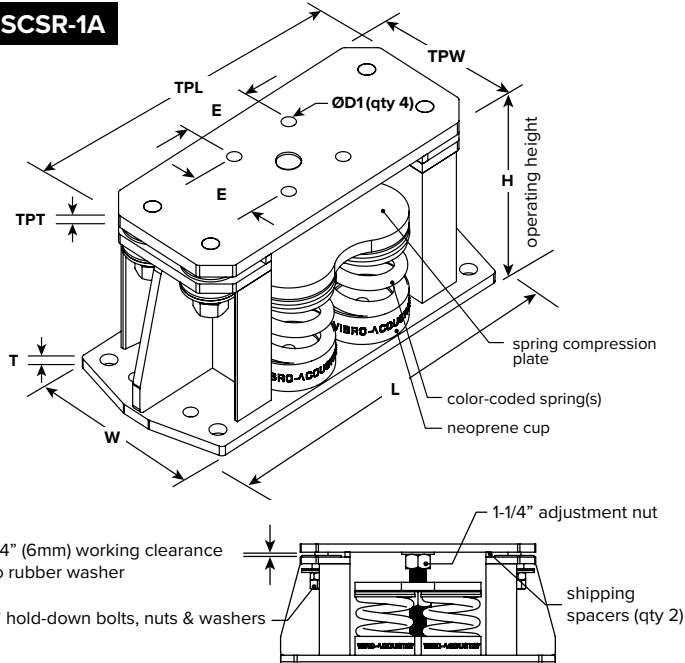
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Date: 5 Jul 2021

Supersedes: DS-SCSR-Q-1A-01

Date: 3 Mar 2021

SCSR-1A



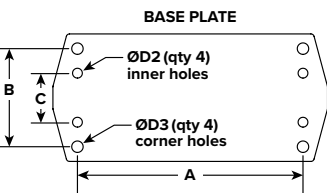
PERFORMANCE							
Model	Spring Color outer-inner	Rated Load		Deflection at rated load		Isolator Weight †	
		lb	kN	in	mm	lb	kg
SCSR-1A-H-9200	(4)Red-Blue	9200	40.92	1.0	25	123	56
SCSR-1A-H-10000	(4)Red-Ivory	10000	44.48	1.0	25	123	56
SCSR-1A-H-12000	(4)Black	12000	53.38	1.0	25	120	54
SCSR-1A-H-13200	(4)Black-Black	13200	58.72	1.0	25	123	56
SCSR-1A-H-14000	(4)Black-Yellow	14000	62.28	1.0	25	127	57
SCSR-1A-H-15200	(4)Black-Blue	15200	67.61	1.0	25	127	57
SCSR-1A-H-16000	(4)Black-Ivory	16000	71.17	1.0	25	127	57
SCSR-1A-H-18000	(4)Black-White	18000	80.07	1.0	25	127	57

† 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
21	533	9 3/4	248	9
229		3 3/4	95	1/2
13				
TPL	TPW	TPT	ØD1	ØD1 - UNC tapped
in	mm	in	mm	in
18	457	8	203	5/8
16		3/8	16	3/4
19		5/8	16	5/8



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
17 1/4	438	7 1/2	191	3 3/4
95		3/4	19	7/8
22				

OPTION		TAPPED HOLES IN TOP PLATE		
Project:		Plan view of mount locations: 		
Customer:				
Consultant:				
Dwg No.:	Rev:			Drawn by:
V-A Project Manager:				
TAG:		EQUIPMENT:		
COMMENTS:		DATE:		