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SCSR Seismic Restrained Spring Isolator WITH OVERSIZED PLATE

SCSR-3A-O

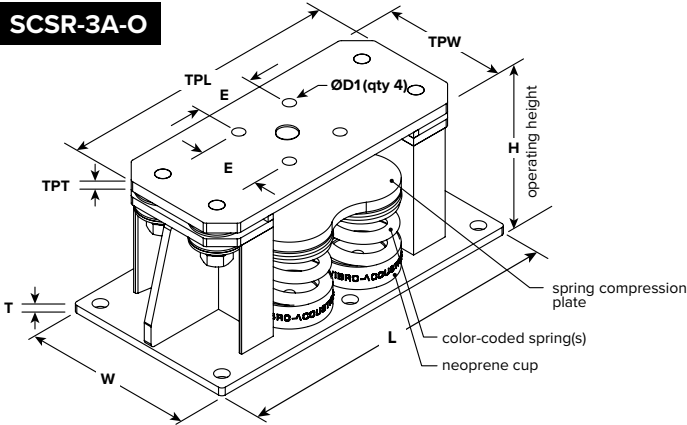
File No.: DS-SCSR-Q-3A-O-01

Date: 5 Jul 2021

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

Date: 5 Feb 2019

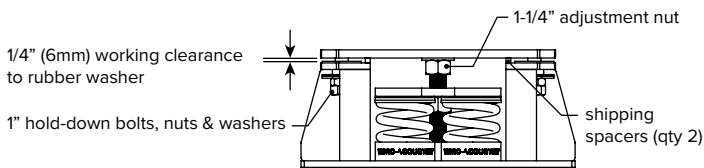
SCSR-3A-O



PERFORMANCE

Model	Spring Color outer-inner	Rated Load		Deflection at rated load		Isolator Weight †	
		lb	kN	in	mm	lb	kg
SCSR-3A-O-H-10000	(4)White-Black	10000	44.48	3.0	76	215	97
SCSR-3A-O-H-11200	(4)Red	11200	49.82	3.0	76	215	97
SCSR-3A-O-H-12000	(4)Red-Yellow	12000	53.38	3.0	76	222	101
SCSR-3A-O-H-13200	(4)Red-Red	13200	58.72	3.0	76	227	103
SCSR-3A-O-H-14400	(4)Red-Blue	14400	64.05	3.0	76	227	103
SCSR-3A-O-H-16400	(4)Red-Black	16400	72.95	3.0	76	227	103

† weights are approximate



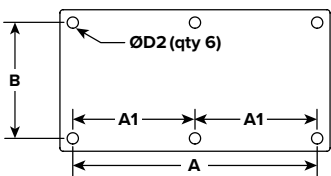
NOTES

- > 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
25 ¼	641	14	356	11 ¾	289
3 ¾	95	½	13		
TPL	TPW	TPT	ØD1	ØD1 - UNC tapped	
in	mm	in	mm	in	mm
22	559	10	254	5/8	16
				¾	19
				5/8	16

BASE PLATE



AxB dimensions typically used for connecting to concrete.

DIMENSIONS

A	B	A1	ØD2	
in	mm	in	mm	
23 ¼	591	12	305	
		11 ¾	295	
			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.:		4.	9.
Rev:		5.	10.
Drawn by:	QTY of sets required:		
V-A Project Manager:	EQUIPMENT:		
TAG:	DATE:		
COMMENTS:			