VIBRO-ACOUSTICS®
A Swegon Group company

MEMBER VISCMA

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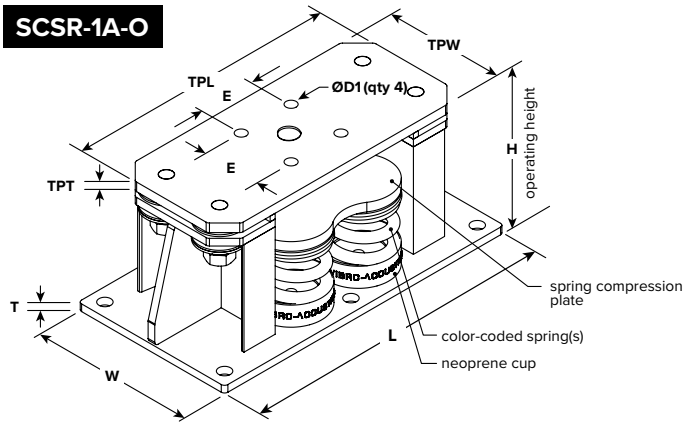
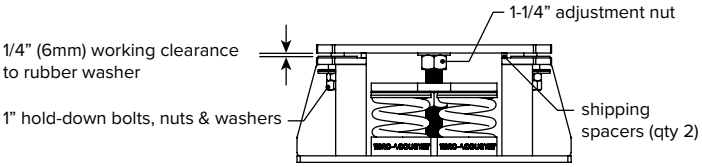
1" (25 mm) Deflection Seismic Restrained Spring Isolators (with oversized plate)

SCSR-1A-O
9200-18000

File No.: DS-SCSR-Q-1A-O **Date:** Feb 5, 2019
Supersedes: New **Date:** New

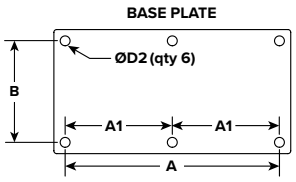
SCSR-1A-O





DIMENSIONS				
L in mm	**W** in mm	**H** in mm	**E** in mm	**T** in mm
21 533	**11** 279	**9** 229	**3 3/4** 95	**1/2** 13

TPL in mm	**TPW** in mm	**TPT** in mm	**ØD1** in mm	**ØD1 - UNC tapped** in mm
18 457	**8** 203	**5/8** 16	**3/4** 19	**5/8** 16



AxB dimensions typically used for connecting to concrete.

DIMENSIONS			
A in mm	**B** in mm	**A1** in mm	**ØD2** in mm
19 483	**9** 229	**9 1/2** 241	**7/8** 22

PERFORMANCE						
Model	**Spring Color** outer-inner	**Rated Load**		**Deflection at rated load**		**Isolator Weight** †
		lb	kN	**in**	mm	**lb** kg
SCSR-1A-O-9200	(4)Red-Blue	**9200**	40.92	**1.0**	25	**128** 58
SCSR-1A-O-10000	(4)Red-Ivory	**10000**	44.48	**1.0**	25	**128** 58
SCSR-1A-O-12000	(4)Black	**12000**	53.38	**1.0**	25	**124** 56
SCSR-1A-O-13200	(4)Black-Black	**13200**	58.72	**1.0**	25	**128** 58
SCSR-1A-O-14000	(4)Black-Yellow	**14000**	62.28	**1.0**	25	**131** 60
SCSR-1A-O-15200	(4)Black-Blue	**15200**	67.61	**1.0**	25	**131** 60
SCSR-1A-O-16000	(4)Black-Ivory	**16000**	71.17	**1.0**	25	**131** 60
SCSR-1A-O-18000	(4)Black-White	**18000**	80.07	**1.0**	25	**131** 60

† 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.

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.**
				5.	**10.**
V-A Project Manager:			☐ ☐ ☐ ☐ ☐	**QTY of sets required:**	
TAG:			**EQUIPMENT:**		
COMMENTS:				**DATE:**	