

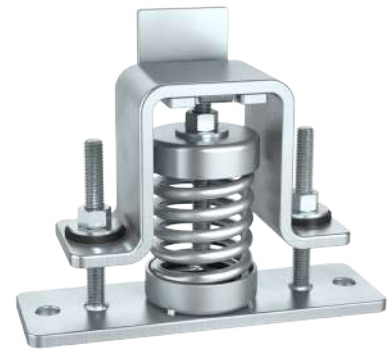
1" & 2" DEFLECTION SEISMIC RESTRAINED OPEN SPRING MOUNTS

SMSR-AA/AF/AT mounts are designed to provide efficient isolation from critical vibrations and all-directional restraint from vertical and horizontal forces, as well as from forces due to seismic activities and high wind loads. Vibrasystems isolators are tested and certified to ASHRAE 171-2017 for wind and seismic load resistance. There are three available configurations:

- SMSR-AA: top with angle, and inside leveling adjustment feature
- SMSR-AF: flat top, and inside leveling adjustment feature
- SMSR-AT: bolt top with leveling adjustment feature

Recommended for:

HVAC equipment, fan air circulation systems, compressors, pumps, chillers, AC, cooling towers, inertia bases, etc.



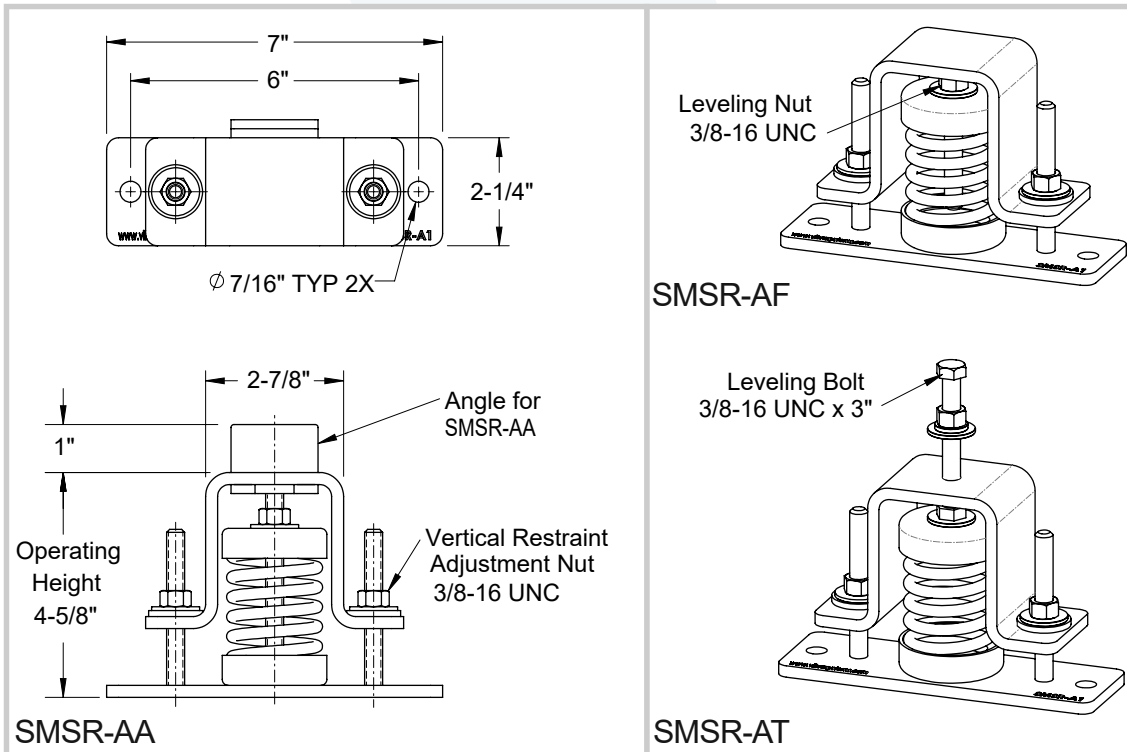
SMSR-AA



SMSR-AF



SMSR-AT



Features:

- ✓ All springs at rated loads have 50% additional travel to solid load.
- ✓ All mounts' elements are safe at solid load.
- ✓ Safety Factor - Springs will accommodate 50% extra load from rated load to solid load.
- ✓ Zinc plated housing provides good corrosion resistance.
- ✓ Rugged welded steel housing designed to withstand seismic and high wind forces.
- ✓ Springs are color-coded and baked enamel painted.

Tested & Certified to: ANSI/ASHRAE 171-2017
 Wind & Seismic Maximum Vertical Load Resistance: 4,860 lbs

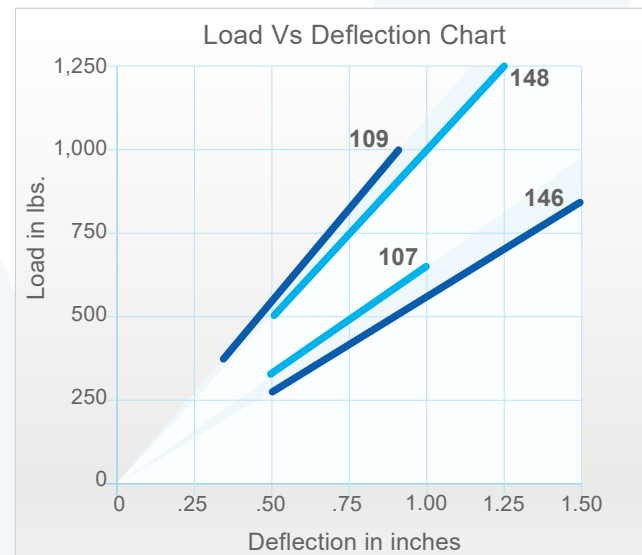
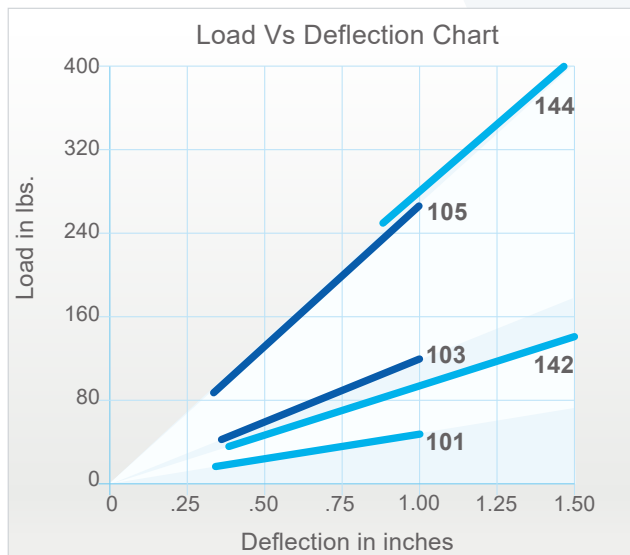
1" DEFLECTION SEISMIC RESTRAINED OPEN SPRING MOUNTS

Model	Rated Load (lbs)	Deflection at Rated Load (in)	Spring Rate (lbs/in)	Max. Vertical G Rating	Spring Color
SMSR-101	50	1	50	97.2	Blue
SMSR-103	120	1	120	40.5	Brown
SMSR-142	135	1.50	90	36	Blue
SMSR-105	270	1	270	18	Yellow
SMSR-144	400	1.50	266	12.1	Brown
SMSR-107	650	1	650	7.5	Green
SMSR-146	850	1.50	566	5.7	Yellow
SMSR-109	1,000	.84	1,190	4.9	White
SMSR-148	1,250	1.25	1,000	3.9	Green

Models are available in three configurations: SMSR-AA, SMSR-AF, and SMSR-AT.

Tested & Certified to: ANSI/ASHRAE 171-2017

Wind & Seismic Maximum Vertical Load Resistance: 4,860 lbs



Notes:

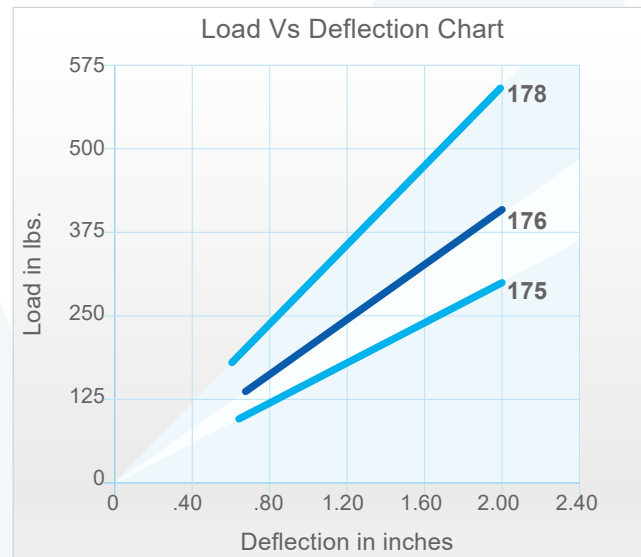
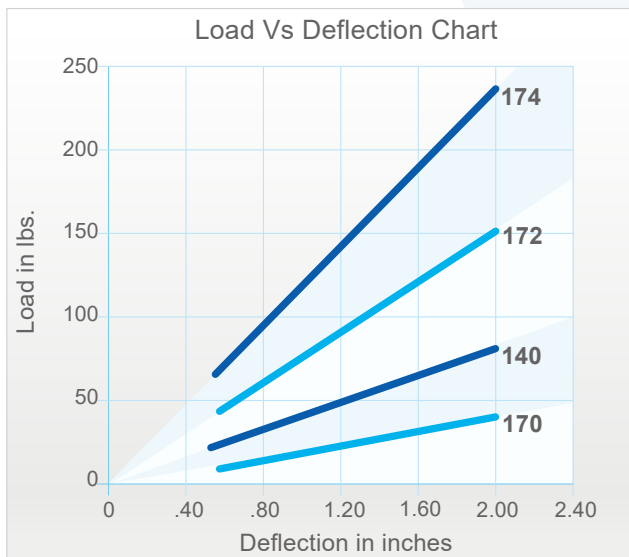
- Vibrasystems isolators are tested and certified to ASHRAE 171-2017 for wind and seismic load resistance. Wind and Seismic Certification Compliance Report 1701502-CR-001-R1 is available upon request.
- 100 Spring: 2" Outside diameter x 4" Free Length.
- 140 Spring: 2" Outside diameter x 5" Free Length.
- Rated load is the maximum load recommended.
- Anti-skid rubber acoustical pad can be provided upon request.
- For springs 142, 144, 146, and 148 the operating height is 5-1/8".

2" DEFLECTION SEISMIC RESTRAINED OPEN SPRING MOUNTS

Model	Rated Load (lbs)	Deflection at Rated Load (lin)	Spring Rate (lbs/in)	Max. Vertical G Rating	Spring Color
SMSR-170	43	2	22	113	Blue
SMSR-140	80	2	40	60	Black
SMSR-172	155	2	78	31	Orange
SMSR-174	236	2	118	21	White
SMSR-175	300	2	150	16	Brown
SMSR-176	395	2	198	12	Black
SMSR-178	550	2	275	8	Pink

Models are available in three configurations: SMSR-AA, SMSR-AF, and SMSR-AT.

Tested & Certified to: ANSI/ASHRAE 171-2017
 Wind & Seismic Maximum Vertical Load Resistance: 4,860 lbs



Notes:

- a) Vibrasystems isolators are tested and certified to ASHRAE 171-2017 for wind and seismic load resistance. Wind and Seismic Certification Compliance Report 1701502-CR-001-R1 is available upon request.
- b) 170 & 140 Springs: 2" Outside diameter x 5" Free Length.
- c) Rated load is the maximum load recommended.
- d) Anti-skid rubber acoustical pad can be provided upon request.