

## 1" & 2" DEFLECTION SEISMIC RESTRAINED OPEN SPRING MOUNTS

SMSR-A/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:

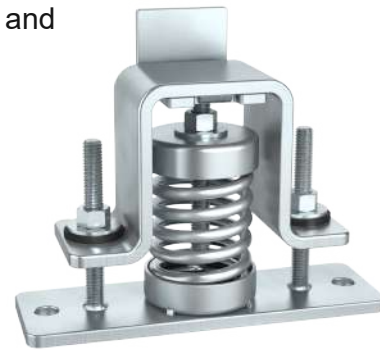
SMSR-A: top with a bracket and inside leveling adjustment feature

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.



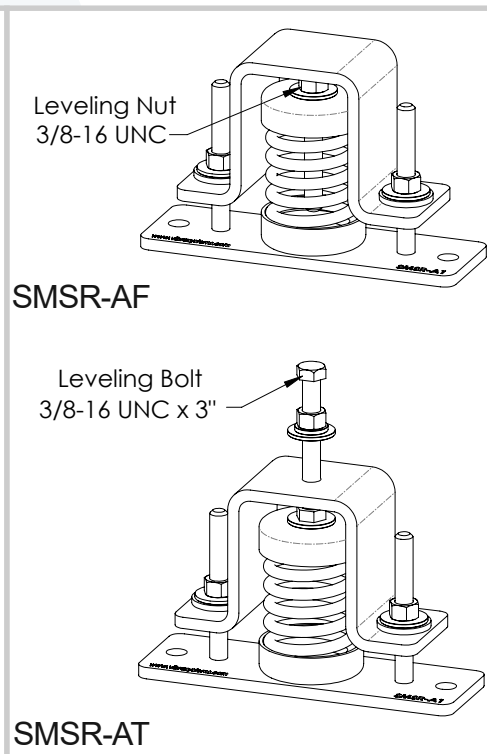
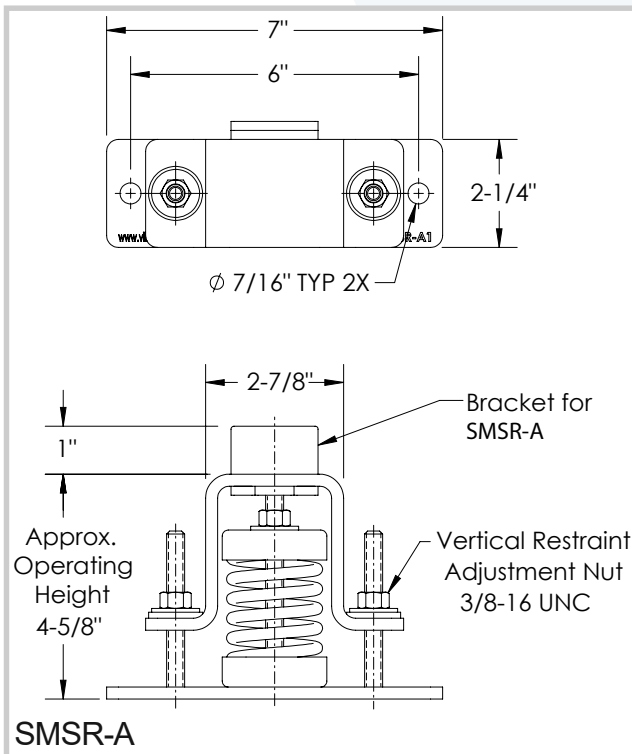
SMSR-A



SMSR-AF



SMSR-AT

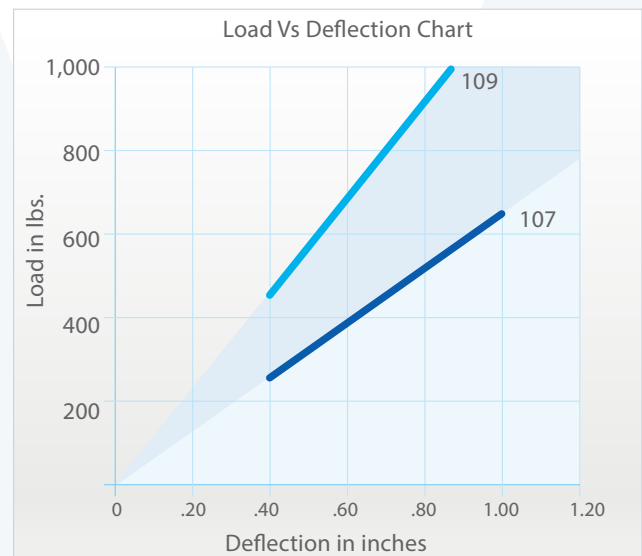
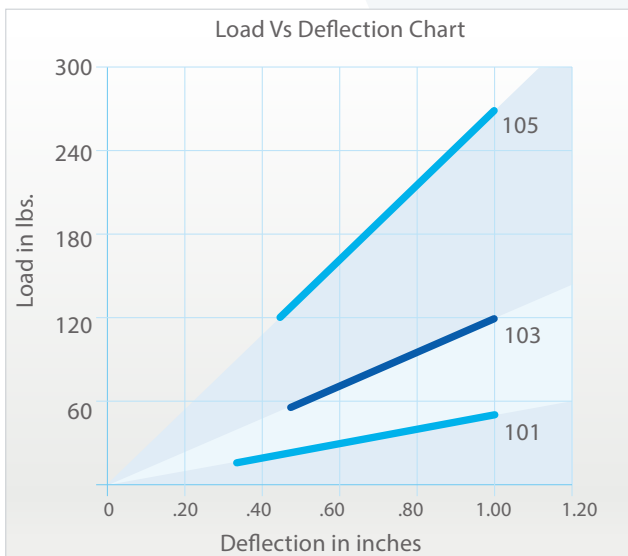


### Features:

- ✓ 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.
- ✓ Recommended load range: from 50% of rated load to rated 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.
- ✓ Certified ASHRAE 171-2017.

## 1" DEFLECTION SEISMIC RESTRAINED OPEN SPRING MOUNTS

Model			Rated Load (lbs)	Deflection at Rated Load (in)	Spring Rate (lbs/in)	Max. Vertical G Rating	Max. Horiz. G Rating	Spring Color
SMSR-A-101	SMSR-AF-101	SMSR-AT-101	50	1	50	97.2	5	Black
SMSR-A-103	SMSR-AF-103	SMSR-AT-103	120	1	120	40.5	1.9	Blue
SMSR-A-105	SMSR-AF-105	SMSR-AT-105	270	1	270	18	1	Brown
SMSR-A-107	SMSR-AF-107	SMSR-AT-107	650	1	650	7.5	0.4	Yellow
SMSR-A-109	SMSR-AF-109	SMSR-AT-109	1,000	.84	1,190	4.9	0.2	Green

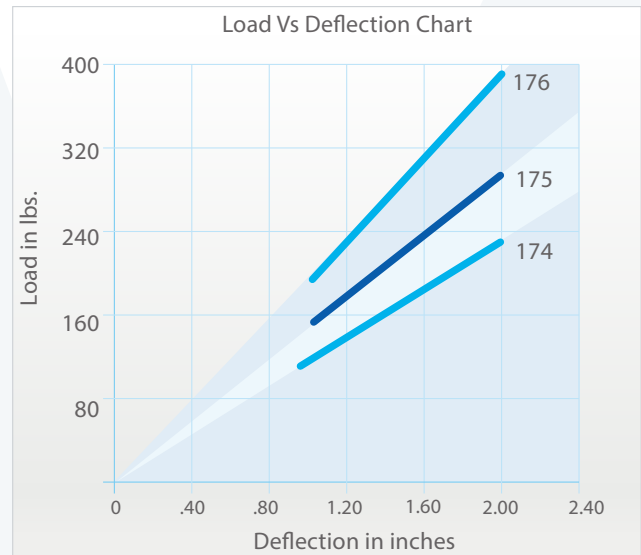
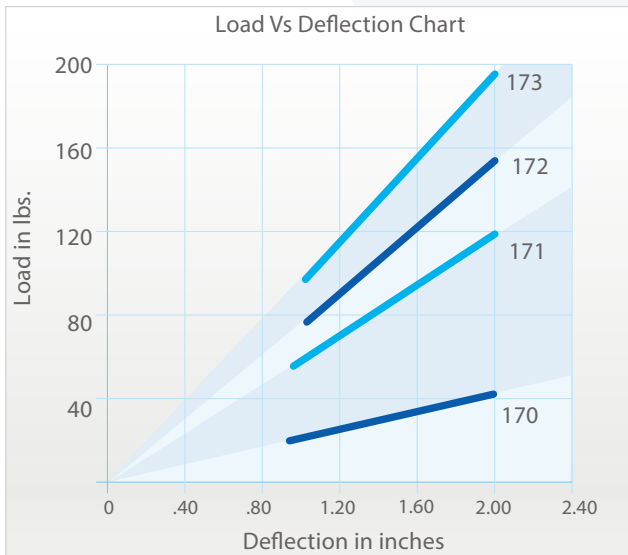


### Notes:

- 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) 100 Spring: 2" Outside diameter x 4" Free Length.
- c) Rated load is the maximum load recommended.
- d) Anti-skid rubber acoustical pad can be provided upon request.

## 2" DEFLECTION SEISMIC RESTRAINED OPEN SPRING MOUNTS

Model			Rated Load (lbs)	Deflection at Rated Load (lin)	Spring Rate (lbs/in)	Max. Vertical G Rating	Max. Horiz. G Rating	Spring Color
SMSR-A-170	SMSR-AF-170	SMSR-AT-170	43	2	22	113	5.3	Blue
SMSR-A-171	SMSR-AF-171	SMSR-AT-171	120	2	60	40.5	1.9	Red
SMSR-A-172	SMSR-AF-172	SMSR-AT-172	155	2	78	31.4	1.5	Orange
SMSR-A-173	SMSR-AF-173	SMSR-AT-173	195	2	98	24.9	1.2	Green
SMSR-A-174	SMSR-AF-174	SMSR-AT-174	236	2	118	21	1	White
SMSR-A-175	SMSR-AF-175	SMSR-AT-175	300	2	150	16.2	0.8	Brown
SMSR-A-176	SMSR-AF-176	SMSR-AT-176	395	2	198	12.3	0.6	Black



### 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 Spring: 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.