

2" & 3" DEFLECTION SEISMIC RESTRAINED OPEN SPRING MOUNTS

SMSR-BA/BF/BT 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-BA: top with an angle, and inside leveling adjustment feature
- SMSR-BF: flat top, and inside leveling adjustment feature
- SMSR-BT: bolt top with leveling adjustment feature

Recommended for:

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



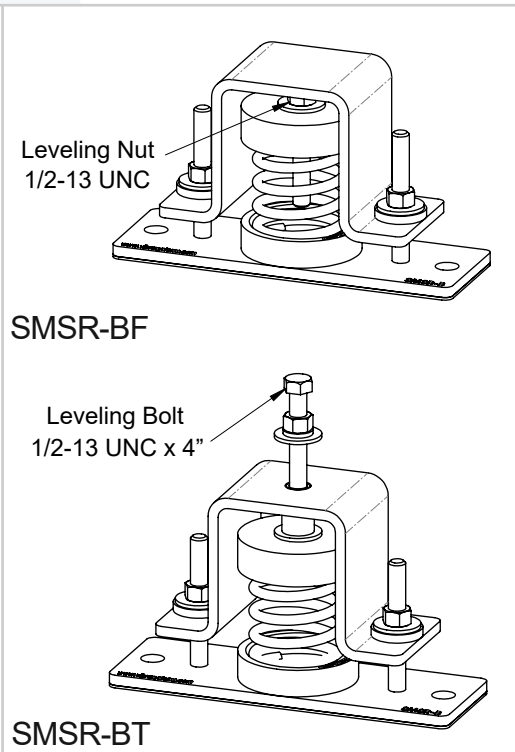
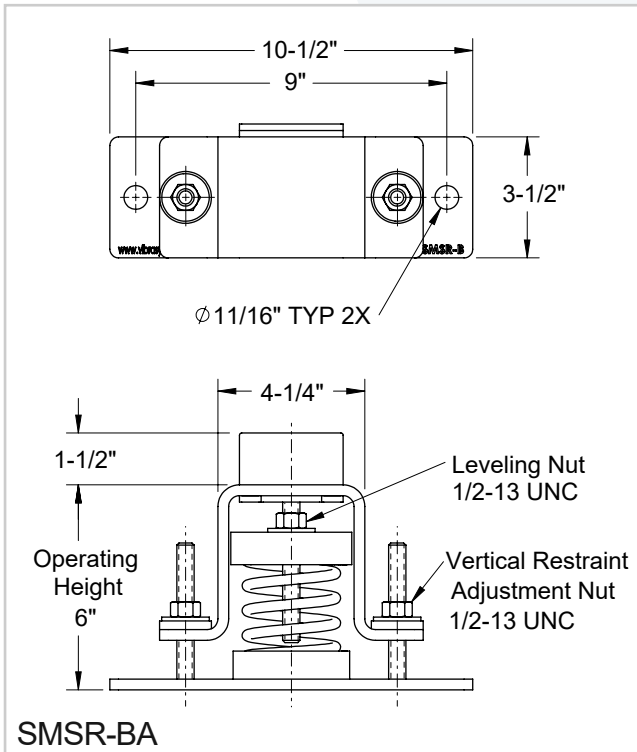
SMSR-BA



SMSR-BF



SMSR-BT



Features:

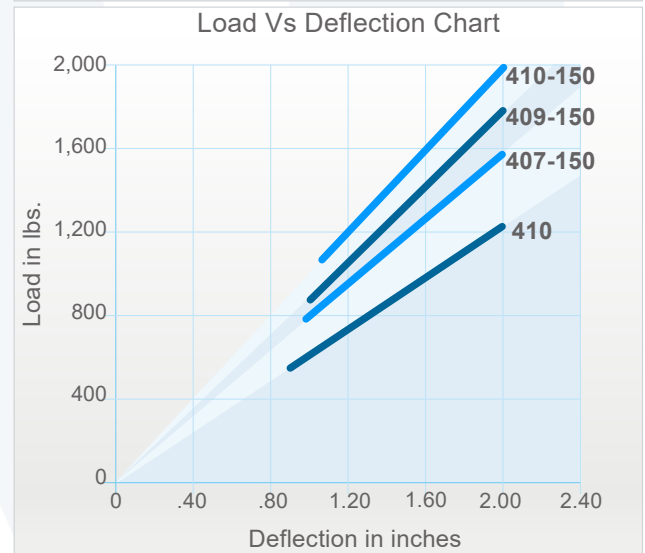
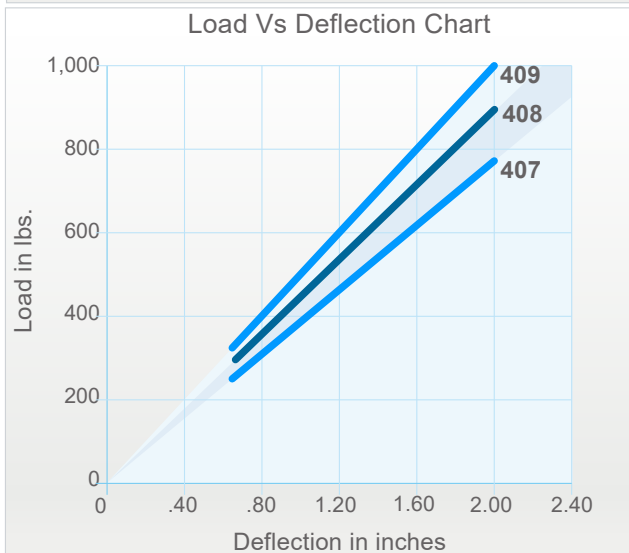
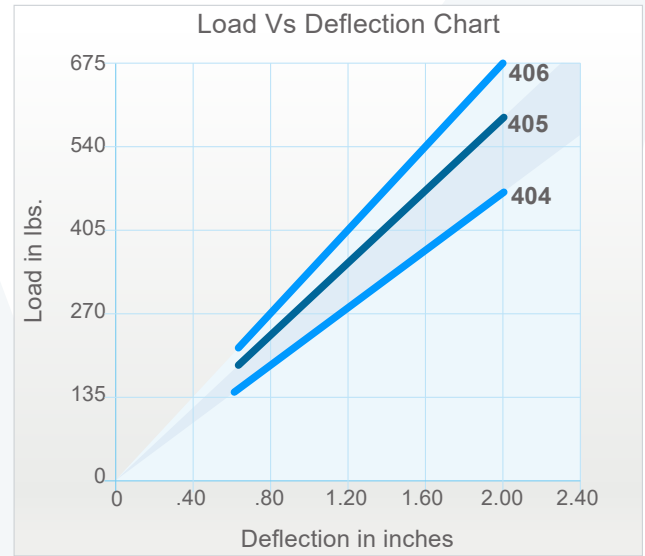
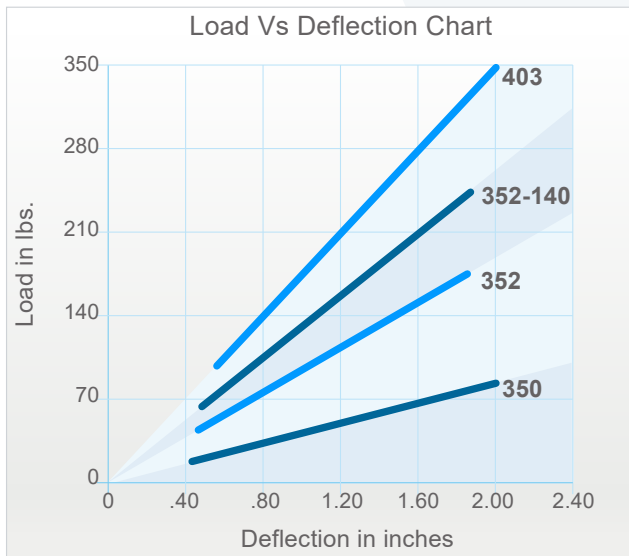
- ✓ All springs at rated loads have 50% additional travel to solid load.
- ✓ All mounts' elements are safe at solid load.
- ✓ Safety Factor - Springs will accommodate 50% extra load from rated load to solid load.
- ✓ Springs are color coded and easily replaceable.
- ✓ Zinc plates housings and springs provide good corrosion resistance.
- ✓ Elastomer spring base cap provides better vibration isolation, load distribution and noise reduction.
- ✓ Rugged welded steel housing designed to withstand seismic and high wind forces.

Tested & Certified to: ANSI/ASHRAE 171-2017
Wind & Seismic Maximum Vertical Load Resistance: 7,682 lbs

2" DEFLECTION SEISMIC RESTRAINED SPRING MOUNTS

Model	Rated Load (lbs)	Deflection at Rated Load (lin)	Spring Rate (lbs/in)	Max. Vertical G Rating	Spring Color
SMSR-350	80	2	40	96	Red
SMSR-352	180	1.8	100	42	Plated
SMSR-352-140	250	1.8	125	30	Plated/Black
SMSR-403	348	2	174	22	Black
SMSR-404	453	2	226	17	Blue
SMSR-405	590	2	295	13	Red
SMSR-406	676	2	338	11.4	Orange
SMSR-407	787	2	393	9.8	Green
SMSR-408	918	2	459	8.4	White
SMSR-409	1,000	2	500	7.7	Brown
SMSR-410	1,250	2	625	6.1	White
SMSR-407-150	1,587	2	793	4.8	Green/Grey
SMSR-409-150	1,800	2	900	4.2	Brown/Grey
SMSR-410-150	2,050	2	1,025	3.7	White/Grey

Models are available in three configurations: SMSR-BA, SMSR-BF, and SMSR-BT.



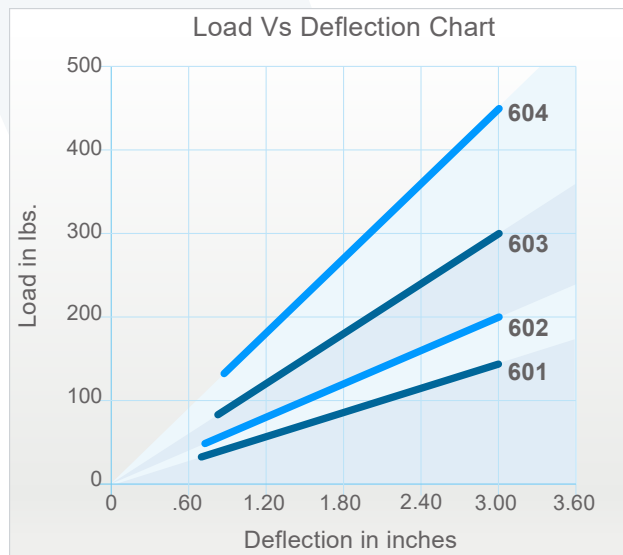
3" DEFLECTION SEISMIC RESTRAINED SPRING MOUNTS

Model	Rated Load (lbs)	Deflection at Rated Load (lin)	Spring Rate (lbs/in)	Max. Vertical G Rating	Spring Color
SMSR-601	140	3	47	54	Blue
SMSR-602	200	3	67	38	Yellow
SMSR-603	300	3	100	25	Orange
SMSR-604	450	3	150	17	Red

Models are available in three configurations: SMSR-BA, SMSR-BF, and SMSR-BT.

Tested & Certified to: ANSI/ASHRAE 171-2017

Wind & Seismic Maximum Vertical Load Resistance: 7,682 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.
- 350 Spring: 3" Outside diameter x 5" Free Length.
- 140 Spring & 170 Spring: 2" Outside diameter x 5" Free Length.
- 400 Spring: 3" Outside diameter x 5.75" Free Length.
- 150 Spring: 2" Outside diameter x 5.75" Free Length.
- 600 Spring: 3" Outside diameter x 6.75" Free Length
- Rated load is the maximum load recommended.
- Anti-skid rubber acoustical Pad can be provided upon request.