

## 1", 2", & 3" DEFLECTION SEISMIC RESTRAINED SPRING MOUNT

**SMSR-4-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. There are two available configurations:

**SMSR-4-BF:** flat top, and inside leveling adjustment feature

**SMSR-4-BT:** bolt top with leveling adjustment feature

### Recommended for:

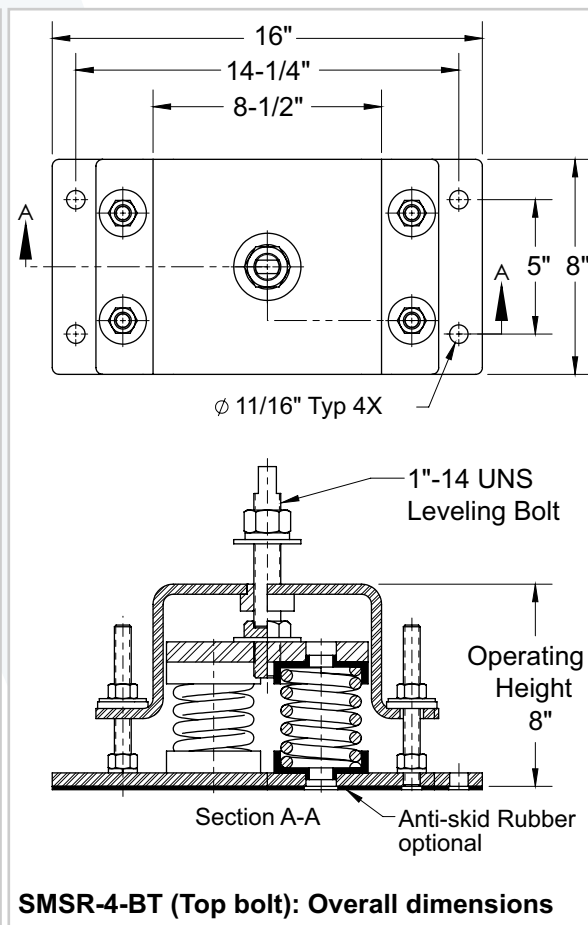
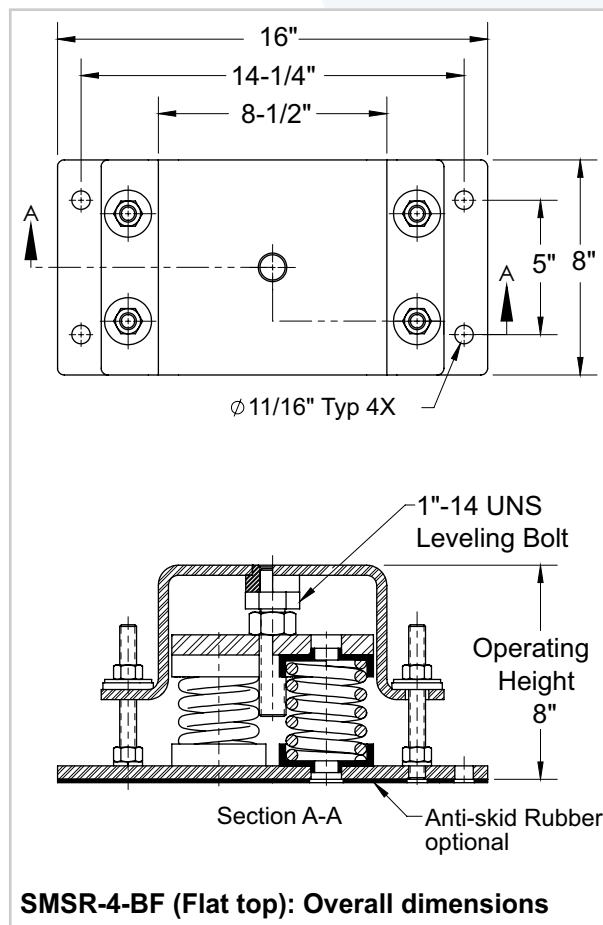
HVAC equipment, engine-generators (gensets), fan air circulation systems, compressors, pumps, chillers, AC units, cooling towers, inertia bases, etc.



SMSR-4-BF



SMSR-4-BT



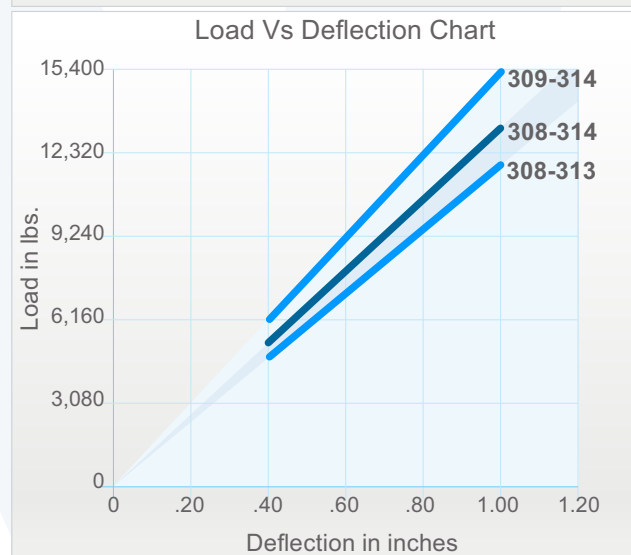
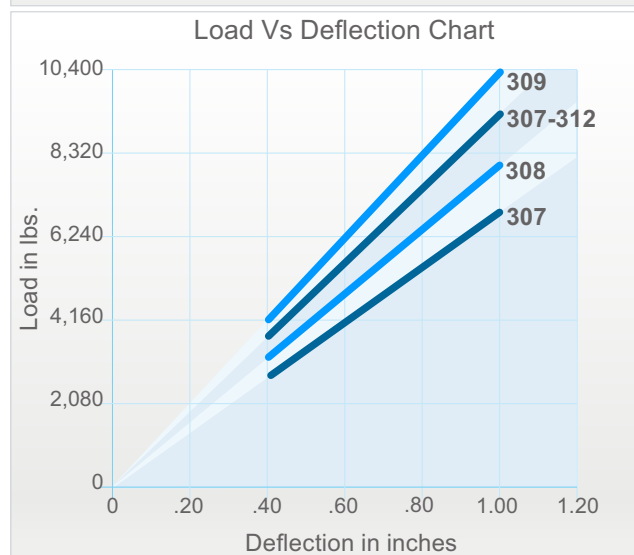
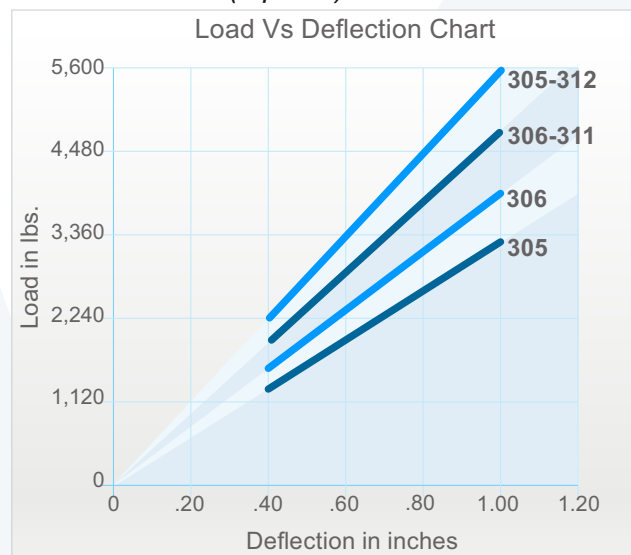
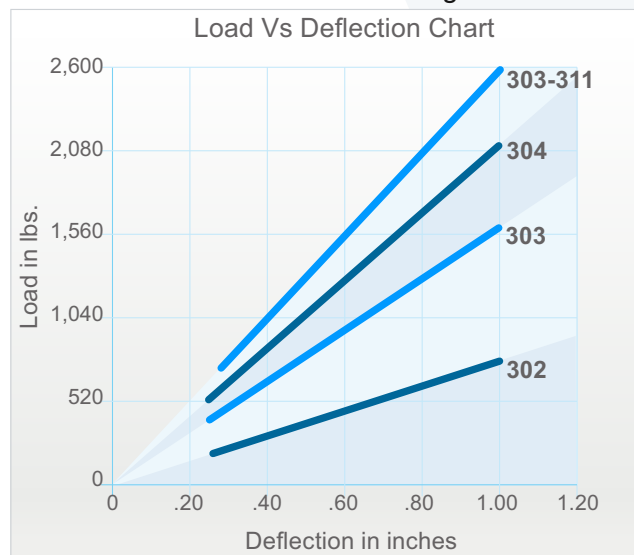
### Features:

- ✓ **Safety Factor:** Springs will accommodate an additional 50% load from the rated load to the solid load.
- ✓ **Rugged welded steel housing** designed to withstand seismic and high wind forces.
- ✓ **All spring mounts' elements** are safe at solid load.
- ✓ **Anti-skid rubber** acoustical pad is optional.
- ✓ **Hot-dip galvanizing housing and powder-coating springs** provide excellent corrosion resistance.
- ✓ **Acoustic elastomer spring cups** provide superior vibration isolation and noise reduction.
- ✓ **Springs are color-coded and easily replaceable.**

## 1" DEFLECTION SEISMIC RESTRAINED SPRING MOUNT

| Model          | Rated Load (lbs) | Deflection at Rated Load (lin) | Spring Rate (lbs/in) | Spring Color | Ship. Weight (lbs) |
|----------------|------------------|--------------------------------|----------------------|--------------|--------------------|
| SMSR-4-302     | 780              | 1                              | 780                  | Yellow       | 56                 |
| SMSR-4-303     | 1,600            | 1                              | 1,600                | Orange       | 56                 |
| SMSR-4-304     | 2,120            | 1                              | 2,120                | Red          | 56                 |
| SMSR-4-303-311 | 2,600            | 1                              | 2,600                | Orange/Green | 60                 |
| SMSR-4-305     | 3,300            | 1                              | 3,300                | White        | 56                 |
| SMSR-4-306     | 4,000            | 1                              | 4,000                | Brown        | 56                 |
| SMSR-4-306-311 | 4,800            | 1                              | 4,800                | Brown/Green  | 60                 |
| SMSR-4-305-312 | 5,600            | 1                              | 5,600                | White/Yellow | 60                 |
| SMSR-4-307     | 6,800            | 1                              | 6,800                | Green        | 56                 |
| SMSR-4-308     | 8,000            | 1                              | 8,000                | Black        | 56                 |
| SMSR-4-307-312 | 9,320            | 1                              | 9,320                | Green/Yellow | 60                 |
| SMSR-4-309     | 10,400           | 1                              | 10,400               | Blue         | 56                 |
| SMSR-4-308-313 | 11,960           | 1                              | 11,960               | Black/Orange | 60                 |
| SMSR-4-308-314 | 13,000           | 1                              | 13,000               | Black/Grey   | 60                 |
| SMSR-4-309-314 | 15,400           | 1                              | 15,400               | Blue/Grey    | 60                 |

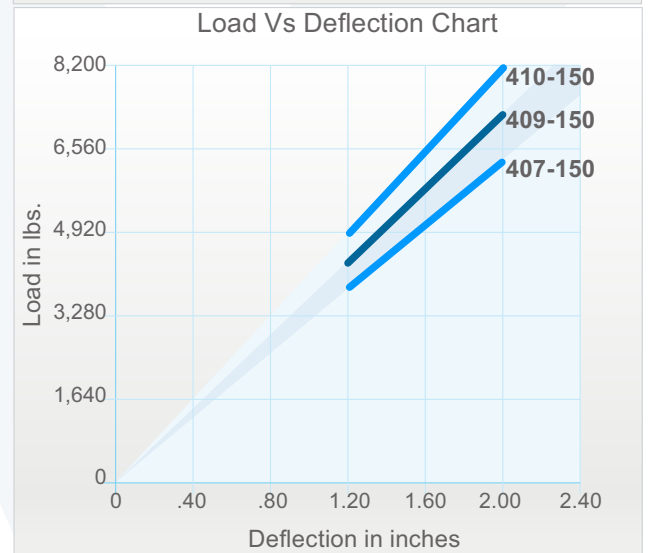
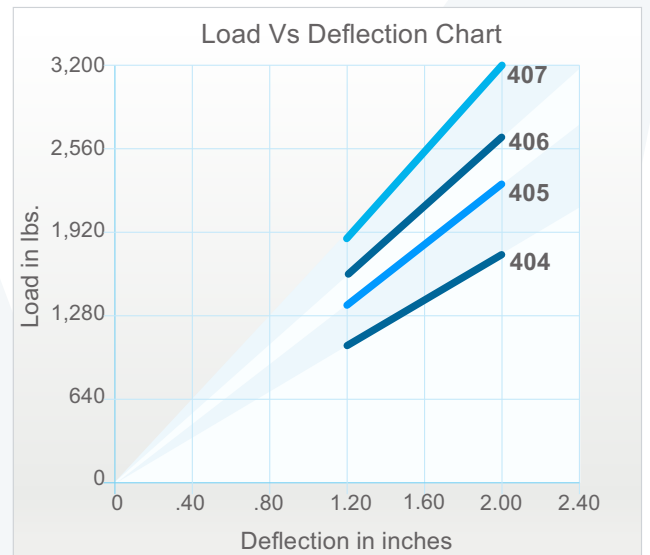
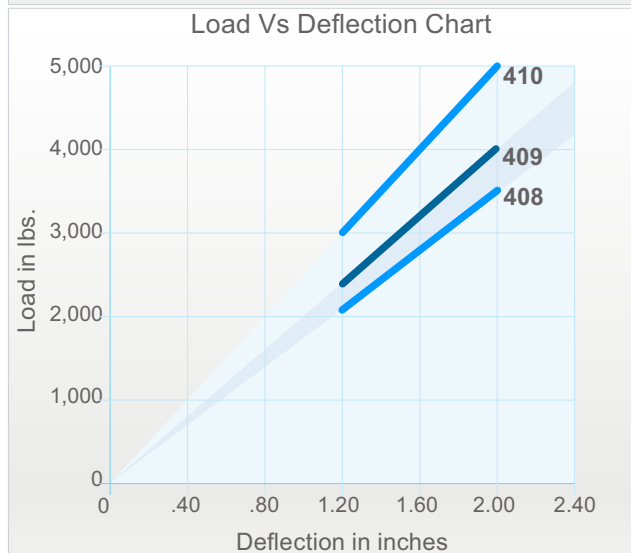
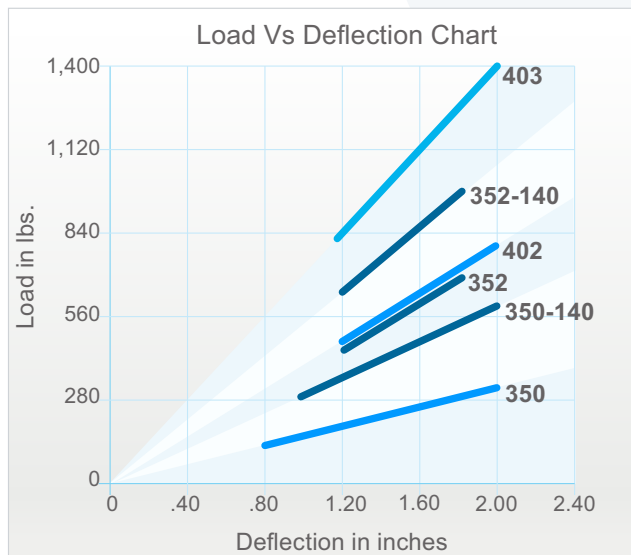
Models are available in two configurations: SMSR-4-BF (flat top), and SMSR-4-BT (top bolt).



## 2" DEFLECTION SEISMIC RESTRAINED SPRING MOUNT

| Model          | Rated Load (lbs) | Deflection at Rated Load (lin) | Spring Rate (lbs/in) | Spring Color  | Ship. Weight (lbs) |
|----------------|------------------|--------------------------------|----------------------|---------------|--------------------|
| SMSR-4-350     | 320              | 2                              | 160                  | Plated        | 58                 |
| SMSR-4-350-140 | 600              | 2                              | 300                  | Plated/Plated | 62                 |
| SMSR-4-352     | 720              | 1.8                            | 400                  | Plated        | 58                 |
| SMSR-4-402     | 800              | 2                              | 400                  | Grey          | 58                 |
| SMSR-4-352-140 | 1,000            | 1.8                            | 555                  | Plated/Plated | 62                 |
| SMSR-4-403     | 1,392            | 2                              | 696                  | Black         | 58                 |
| SMSR-4-404     | 1,812            | 2                              | 906                  | Blue          | 58                 |
| SMSR-4-405     | 2,360            | 2                              | 1,180                | Red           | 58                 |
| SMSR-4-406     | 2,704            | 2                              | 1,352                | Orange        | 58                 |
| SMSR-4-407     | 3,148            | 2                              | 1,574                | Green         | 58                 |
| SMSR-4-408     | 3,672            | 2                              | 1,836                | White         | 58                 |
| SMSR-4-409     | 4,000            | 2                              | 2,000                | Brown         | 58                 |
| SMSR-4-410     | 5,000            | 2                              | 2,500                | Yellow        | 58                 |
| SMSR-4-407-150 | 6,348            | 2                              | 3,174                | Green/Grey    | 62                 |
| SMSR-4-409-150 | 7,200            | 2                              | 3,600                | Brown/Grey    | 62                 |
| SMSR-4-410-150 | 8,200            | 2                              | 4,100                | Yellow/Grey   | 62                 |

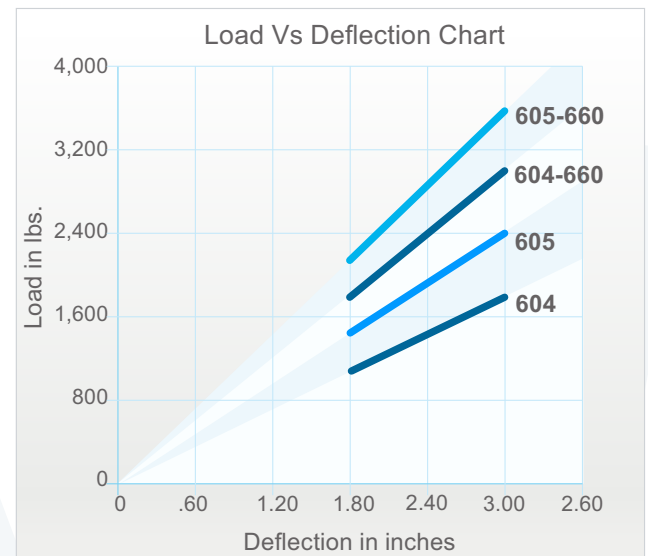
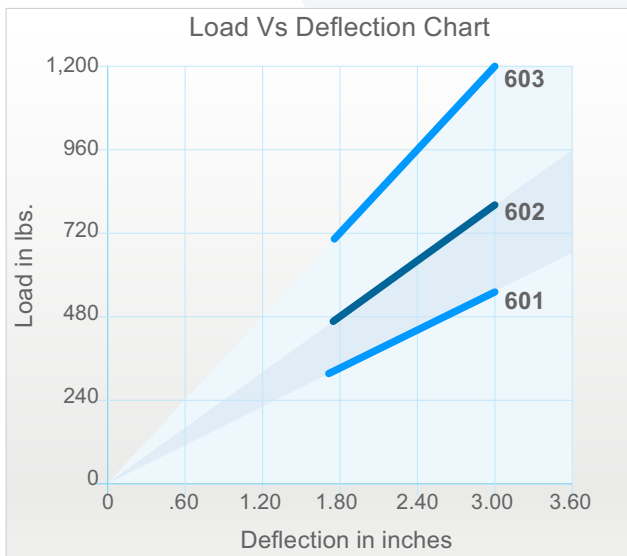
Models are available in two configurations: SMSR-4-BF (flat top), and SMSR-4-BT (top bolt).



## 3" DEFLECTION SEISMIC RESTRAINED SPRING MOUNT

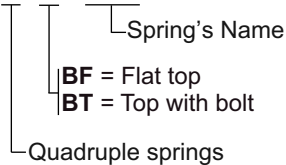
| Model          | Rated Load (lbs) | Deflection at Rated Load (lin) | Spring Rate (lbs/in) | Spring Color | Ship. Weight (lbs) |
|----------------|------------------|--------------------------------|----------------------|--------------|--------------------|
| SMSR-4-601     | 560              | 3                              | 186.6                | Blue         | 60                 |
| SMSR-4-602     | 800              | 3                              | 266.6                | Yellow       | 60                 |
| SMSR-4-603     | 1,200            | 3                              | 400                  | Orange       | 60                 |
| SMSR-4-604     | 1,800            | 3                              | 600                  | Red          | 60                 |
| SMSR-4-605     | 2,400            | 3                              | 800                  | Green        | 60                 |
| SMSR-4-604-660 | 3,000            | 3                              | 1,000                | Red/Grey     | 64                 |
| SMSR-4-605-660 | 3,600            | 3                              | 1,200                | Green/Grey   | 64                 |

Models are available in two configurations: SMSR-4-BF (flat top), and SMSR-4-BT (top bolt).



### Model nomenclature:

SMSR-4-BT-410



### Notes:

- 300 Spring: 3" Outside diameter x 4.75" Free Length.
- 310 Spring: 1.75" Outside diameter x 4.75" 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
- 660 Spring: 2" Outside diameter x 6.75" Free Length
- Rated load is the maximum load recommended.