

MECHANICAL EQUIPMENT

Products

Air Conditioning & HVAC

Spring Mounts

Type SLF

Type SLF Spring Mounts



SLF

Type SLF spring mounts are single and open spring mounts for rated loads from 20 kg up to 950 kg with a maximum of 25mm deflection and our standard for all high efficiency installations. This is a bare spring design with a good ratio between the diameter and the working height to ensure lateral stability.

These mounts shall be free standing and laterally stable without any housing and complete with an acoustical rubber cup between the base plate and the support.

All of the springs are designed so as not to exceed the elastic limit when the coils are closed up and the springs are compressed solid. This prevents damage when the springs are overloaded and assures a return to the spring's free height.

These mounts have leveling bolts that must be rigidly bolted to the equipment. The ratio of the spring diameter divided by the compressed spring height shall be no less than 80%. Springs shall have a minimum additional travel to solid equal to 50% of the rated deflection.

The Type SLF spring mounts were originally designed by Mason Industries, Inc and now also manufactured locally by ACTOM Mechanical Equipment.



Markets

- Air conditioning
- Industrial

Applications

- Blowers
- HVAC units
- Pumps
- Compressors
- Large transformers
- Chillers
- Fans

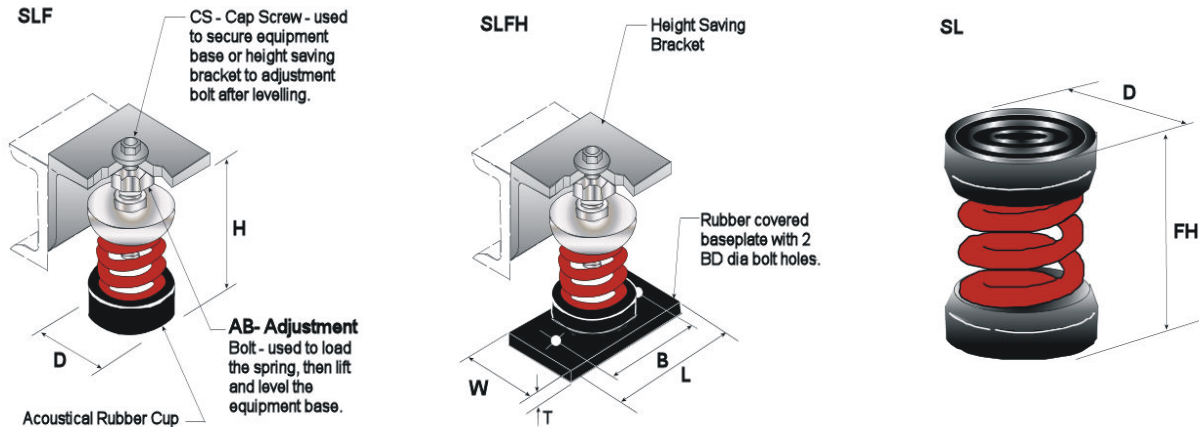


SLFH

SLF mounts of the proper deflection are recommended for all vibration control applications where it is not necessary to cope with weight removal or seismic and wind problems.

The *Type SLFH spring mounts* are identical to the style SLF except for having holes in the base to allow for bolting to the structure. It is strongly recommended that you use the type SLF unless the SLFH must be used because of elevated installations on steel beams, etc.

Type SLF Spring Mounts



Designation SLFH is used when base plate with bolt holes is required
 Designation SL is used when mounting without adjustment bolt is required

Dimensions in mm

Size	Rated Load [kg]	Rated Defl. [mm]	Spring Rate [kg/mm]	Spring Color	Spring only		SLF & SLFH			SLF & SL	SLFH only					SL only		
					OD	Free Height	Free operating Height	Adjustment Bolt	Cap Screw	Dia	Bolt Centre	Length	Width	ThickNess	Bolt Dia	Free Height		
																	H	AB
SLF A																		
45	20	40	0.5	Blue	44.5	76	114	M16x65	M10 x 25	54	76	98	57	7	M8	90		
75	34	38	0.9	Orange														
125	56	33	1.7	Red														
200	90	29	3.1	Black														
310	150	25	6.1	Yellow														
SLF B																		
60	27	54	0.5	Grey	60	102	150	M20x90	M10 x 25	70	104	135	72	10	M12	127		
140	64	49	1.3	Orange														
280	128	40	3.2	Green														
450	207	33	6.3	Red														
750	340	30	11.3	White														
1000	450	25	18.0	Blue														
SLF C																		
110	50	52	0.95	Orange	73	105	156	M20x30	M10 x 25	82	120	156	86	12	M12	132		
225	100	45	2.2	Blue														
435	200	39	5.1	Grey														
735	320	35	9.2	White														
1000	445	26	17.2	Black														
1350	615	25	24.6	Yellow														
1675	765	25	30.6	Yellow ¹														
2100	950	25	38.0	Yellow ²														

1 with grey inner spring
 2 with red inner spring

All mounts can be tagged for identification, if specified