

TYPE SLF SPRING MOUNTS



Type SLF Spring Mounts

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.

Markets

- Air conditioning
- Industrial

Applications

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

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.

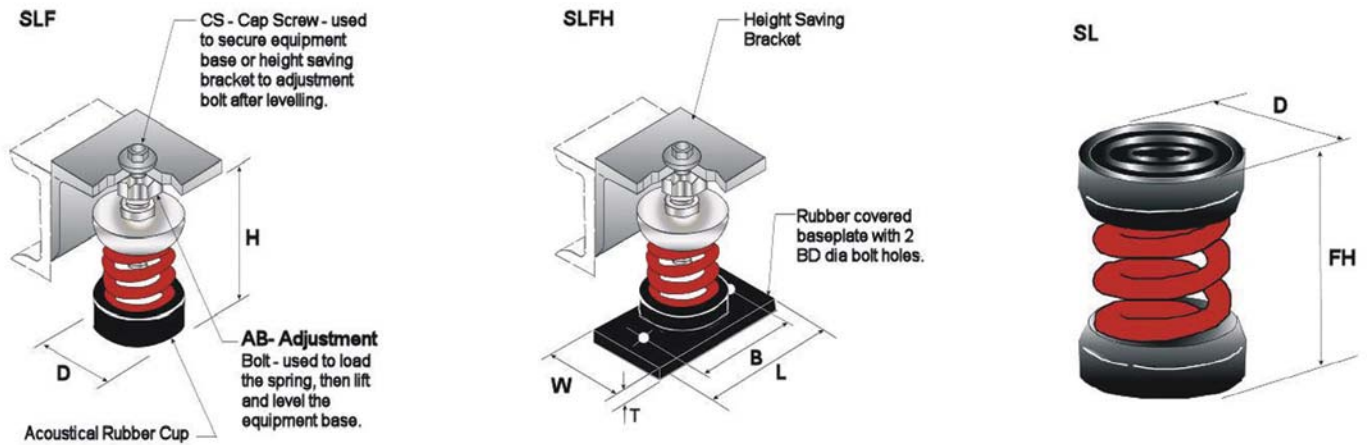
The Type SLFH spring mounts are identical to the style SLF except for having holes in the base to allow for bolting to the structure. It is strongly recommended that you use the type SLF unless the SLFH must be used because of elevated installations on steel beams, etc.



SLFH



SLF



- 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 Colour	Spring only		SLF & SLFH			SLF & SL	SLFH only					SL only	
					OD	Free Height	Free operating height	Adjustment Bolt	Cap Screw	Diameter	Bolt Centre	Length	Width	Thickness	Bolt Diameter	Free Height	
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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													

All mounts can be tagged for identification, if specified

1. with grey inner spring
2. with red inner spring