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SLF SPRING MOUNTS

Type SLF spring mounts are single and open spring mounts for rated loads from 20kg up to 950kg 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 levelling 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.

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

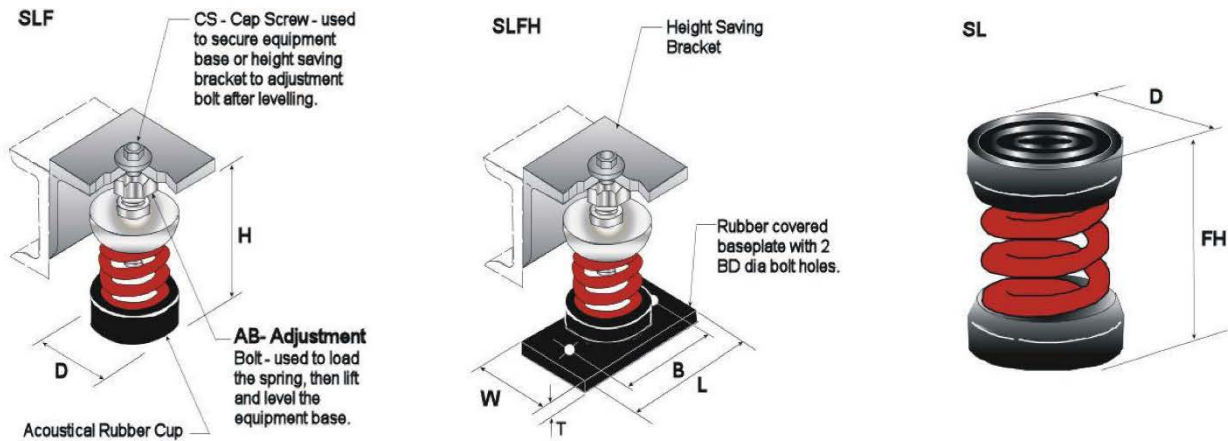


SLF



SLFH

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.



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	Rate d Load [kg]	Rated Defl. [mm]	Spring Rate [kg/mm]	Spring Color	Spring Only		SLF & SLFH			SLF & SL	SLFH Only					SL Only		
							Free operating Height	Adjustment Bolt	Cap Screw		Dia	Bolt Centre	Length	Width	Thickness		Bolt Dia	Free Height
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

SPRING MOUNTS

Description	Motor Model
SLFAH-75 Spring Mount Rated to carry 34Kg each	MVE100/3
SLFBH-140 Spring Mount Rated to carry 64Kg each	MVE200/3
SLFBH-280 Spring Mount Rated to carry 128Kg each	MVE300/3
SLFBH-280 Spring Mount (Green) Rated to carry 128Kg each	MVE400/3
SLFBH-450 Spring Mount (Red) Rated to carry 207Kg each	MVE500/3