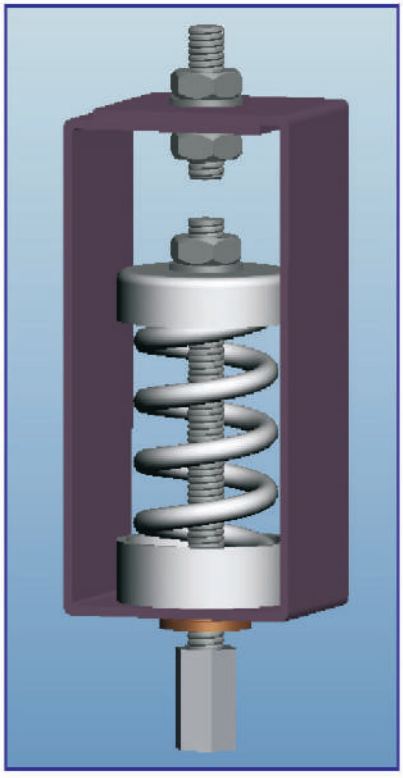
Spring Hanger - Light Duty



1. Compliance:

1.1 Designed to BS 1726 -1 : 1987

1.2 Tolerance to BS 1726-1 : 2002

1.3 SAE and Ashrae Guidelines for Vibration Isolation

2. Application:

Generally for light duty applications like small fans, humidifiers, variable air volume boxes, small fan coil units, small size piping and air ducting in mechanical rooms.

3. Product Features:

3.1 Spring diameter to height ratios are designed to ensure that spring will never buckle even when fully loaded.

3.2 Suspension rod misalignment (30 degree arc) is compensated in hanger design.

3.3 Locking rubber bush centralizes the spring and prevents dislocation.

3.4 Springs are powder coated with appropriate color coding to facilitate identification.

3.5 Frame is made of G.I. steel and powder coated to 100 microns paint thickness (exceeds 1000 hours of salt spray test) and conforming to ASTM B-117.

Options:

3.5.1 Frame Hot Dip Galvanised (Prefix Part Number with “HDG”)

3.5.2 Spring Neoprene Coated (Prefix Part Number with “N”)

3.5.3 Spring Plastic Coated (Prefix Part Number with “P”)

4. Selection / Ordering:

Point load (Calculated to include all variables such as weight of water in pipe lines etc if applicable).

5. Installation Guide lines:

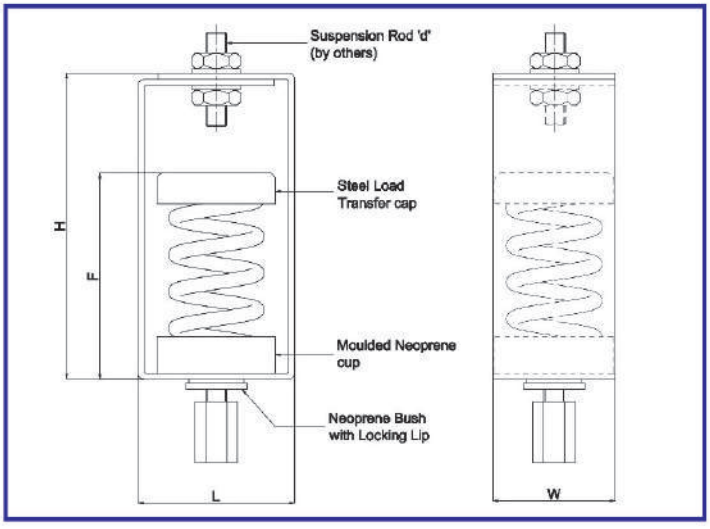
Included in packaging.

SELECTION TABLE FOR SPRING HANGERS - LIGHT DUTY (Table No: C-07-01)

Isolator Model	Rated Deflection	Rated Load (kg)	Spring Colours	Dimension (mm)				
				L	W	F*	H	d (max)
SSHL-M6	13 mm	6	Green	58	50	44	72	M10
SSHL-M9		9	Red					
SSHL-M15		15	Black					
SSHL-M21		21	Yellow					
SSHL-M28		28	Blue					
SSHL-P6	25 mm	6	Green	58	50	64	100	M10
SSHL-P9		9	Red					
SSHL-P15		15	Black					
SSHL-P21		21	Yellow					
SSHL-P28		28	Blue					
SSHL-P35		35	Grey					
SSHL-P50		50	Orange					

* Represents average free height in each grouping of models. Height of some models in group may vary slightly from this figure.

Spring Hanger - Light Duty



Note:

- *Due to policy of continual improvement, the specifications are subject tot change without prior notice.*
- *Measurements are subject to 5% tolerance.*
- *To achieve good sound suppression, do not overload fitting.*

Spring Hanger
25 mm Standard Deflection

1. Compliance:

1.1 Designed to BS 1726 -1 : 1987
1.2 Tolerance to BS 1726-1 : 2002
1.3 SAE and Ashrae Guidelines for Vibration Isolation

2. Application:

Spring Hangers are used for isolation of vibration produced by suspended mechanical equipment, low speed suspended fan, transformers, duct work, piping etc… These are especially recommended for isolating any suspended source of audible / inaudible noise and vibration with minimum static deflection requirement exceeding 13 mm and up to 25 mm.

3. Product Features:

3.1 Spring diameter to height ratios are designed to ensure that spring will never buckle even when fully loaded.
3.2 Suspension rod misalignment (30 degree arc) is compensated in hanger design.
3.3 Locking rubber bush centralizes the spring and prevents dislocation.
3.4 Springs are powder coated with appropriate color coding to facilitate identification.
3.5 Frame is made of G.I. steel and powder coated to 100 microns paint thickness (exceeds 1000 hours of salt spray test) and conforming to ASTM B-117.
Option : Frame Hot Dip Galvanized. Part Number prefix with “HDG”.
Spring Neoprene Coated. Part Number prefix with “N”.
Spring Plastic Dip Coated. Part Number prefix with “P”.
3.6 Isolation Brackets are capable of overloading upto 500%.

4. Selection / Ordering:

Point load (Calculated to include all variables such as weight of water in pipe lines etc. if applicable).

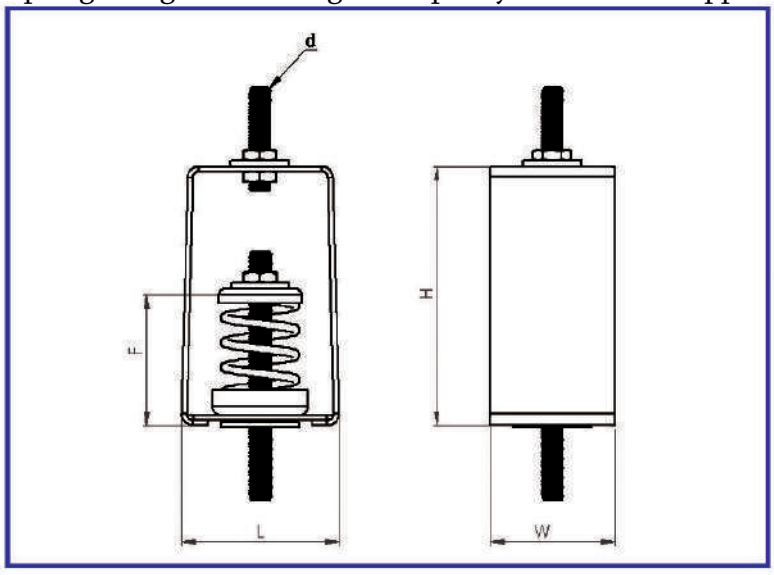
5. Installation Guide lines:

Included in packaging.

SELECTION TABLE FOR 25 MM DEFLECTION SPRING HANGERS (Table No: C-09-01)

Isolator Model	Rated Load (kg)	Spring Colours	Dimensions (mm)				
			L	W	F	H	d
SSH25-A25	25	Green	77	60	76	120	M10
SSH25-A50	50	Black					
SSH25-A75	75	Yellow					
SSH25-A100	100	Blue	77	60	84	120	M10
SSH25-A150	150	Grey					
SSH25-A200	200	Orange					
SSH25-B200	200	Black	77	80	93	145	M12
SSH25-B250	250	Yellow					
SSH25-B300	300	Blue					
SSH25-B400	400	Grey					
SSH25-C400	400	Brown	94	80	110	180	M16
SSH25-C500	500	Grey					
SSH25-C600	600	Orange					
SSH25-C700	700	Green	94	80	130	220	M22
SSH25-C800	800	Pink					
SSH25-C1000	1000	White					
SSH25-C1200	1200	Purple					
SSH25-C1400	1400	Green	235	75	165	325	M30
SSH25-C1600	1600	Pink					
SSH25-C2000	2000	White					
SSH25-C2400	2400	Purple					
SSH25-C2800	2800	Yellow	235	75	165	350	M36
SSH25-C3200	3200	White					

Spring Hangers with Higher Capacity available on application.



Spring Hanger
25 mm Standard Deflection

Note:

- *Due to policy of continual improvement, the specifications are subject tot change without prior notice.*
- *Measurements are subject to 5% tolerance.*
- *To achieve good sound suppression, do not overload fitting.*

Spring Hanger
50 mm Standard Deflection

1. Compliance:

1.1 Designed to BS 1726 -1 : 1987
1.2 Tolerance to BS 1726-1 : 2002
1.3 SAE and Ashrae Guidelines for Vibration Isolation

2. Application:

Spring Hangers are used for isolation of vibration produced by suspended mechanical equipment, low speed suspended fan, transformers, duct work, piping etc… These are especially recommended for isolating any suspended source of audible / inaudible noise and vibration with minimum static deflection requirement exceeding 25 mm and upto 50 mm.

3. Product Features:

3.1 Spring diameter to height ratios are designed to ensure that spring will never buckle even when fully loaded.
3.2 Suspension rod misalignment (30 degree arc) is compensated in hanger design.
3.3 Locking rubber bush centralizes the spring and prevents dislocation.
3.4 Springs are powder coated with appropriate color coding to facilitate identification.
3.5 Frame is made of G.I. steel and powder coated to 100 microns paint thickness (exceeds 1000 hours of salt spray test) and conforming to ASTM B-117.
Option :
Frame Hot Dip Galvanized. Part Number prefix with “HDG”.
Spring Neoprene Coated. Part Number prefix with “N”.
Spring Plastic Dip Coated. Part Number prefix with “P”.
3.6 Isolation Brackets are capable of overloading upto 500%.

4. Selection / Ordering:

Point load (Calculated to include all variables such as weight of water in pipe lines etc if applicable).

5. Installation Guide lines:

Included in packaging.

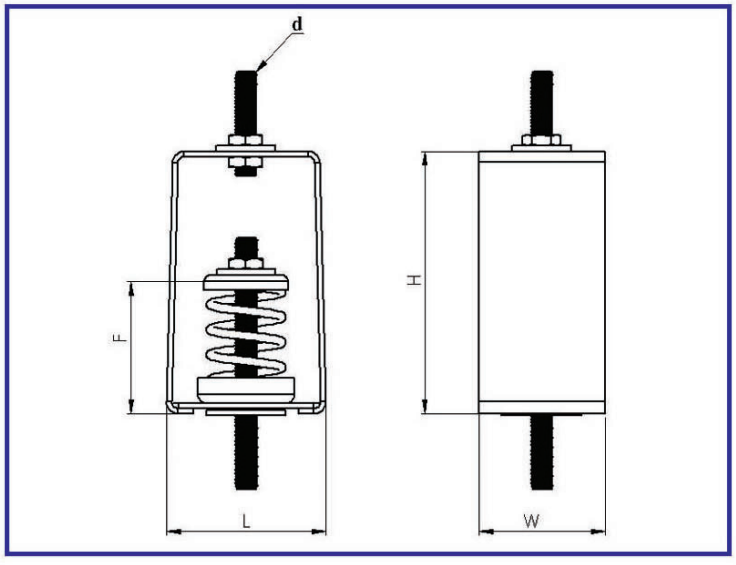
6. Options:

Spring Hangers of Higher Capacity and Deflection shall be Engineered as per Specific Requirements. Nomenclature for Special Engineered Spring Hangers shall be SSH(XXX - Deflection-G(XXXXX-Load).

SELECTION TABLE FOR 50 MM DEFLECTION SPRING HANGERS (Table No: C-11-01)

Isolator Model	Rated Load (kg)	Spring Colours	Dimensions (mm)				
			L	W	F	H	d
SSH50-B25	25	Green	77	60	118	170	M12
SSH50-B50	50	Black					
SSH50-B75	75	Yellow					
SSH50-B100	100	Blue					
SSH50-B150	150	Grey					
SSH50-C200	200	Orange	94	80	127	200	M16
SSH50-C250	250	Black					
SSH50-C300	300	Yellow	94	80	135	200	M16
SSH50-C400	400	Blue					
SSH50-C500	500	Grey					
SSH50-C600	600	Brown					
SSH50-G700	700	Green	107	95	163	240	M20
SSH50-G800	800	Pink					
SSH50-G1000	1000	White					
SSH50-G1200	1200	Purple	07	95	163	260	M24
SSH50-G1400	1400	Green					
SSH50-G1600	1600	Pink	260	100	200	360	M30
SSH50-G2000	2000	White					
SSH50-G2400	2400	Purple	260	100	200	385	M36
SSH50-G2800	2800	Yellow					

- Spring Hangers with higher capacity available on application.



Spring Hanger
50 mm Standard Deflection

Note:
- *Due to policy of continual improvement, the specifications are subject tot change without prior notice.*
- *Measurements are subject to 5% tolerance.*
- *To achieve good sound suppression, do not overload fitting.*