

Precompressed 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:

Suspension of water pipe lines and seismically restrained rotating equipments.

3. Product Features:

- 3.1. The Springs are designed to have a stiffness ratio more than unity which ensures buckle free operation throughout load range.
- 3.2. Suspension rod misalignment (30-degree arc) is compensated in hanger design.
- 3.3. Direct connection to lower suspension rod by means of a threaded rod coupler.
- 3.4. Printed deflection scale to indicate total spring deflection.
- 3.5. Pre compressed spring effectively minimizes transfer of variations in pipe load during filling of pipes thus protecting equipment connections / flexible joints and also prevents overloading of the main equipment isolators.
- 3.6. Locking rubber bush centralizes the spring and prevents dislocation.
- 3.7. Springs are powder coated with appropriate colour coding to facilitate identification.
- 3.8. 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.
- 3.9. The Springs are designed to have additional 50% of rated load at 1.5 of rated deflection.

Option:

- 1) Frame Hot Dip Galvanised (Prefix Part Number with "HDG").
- 2) Spring Neoprene Coated (Prefix Part Number with "N").
- 3) Spring Plastic Coated (Prefix Part Number with "P").

4. Selection/Ordering:

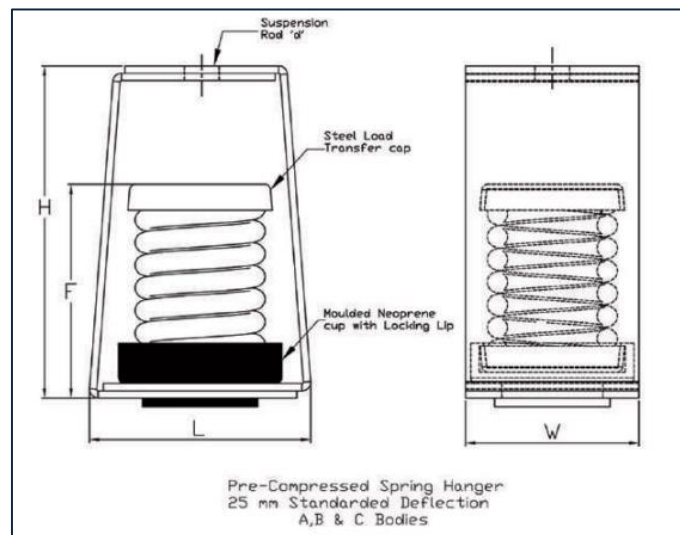
Point load (Calculated to include all variables such as weight of water in pipe lines etc if applicable).

5. Installation Guidelines:

Included in packaging.

Precompressed Spring Hanger – 25mm Deflection SPECIFICATIONS

Isolator Model	Rated Load (kg)	Spring Colours	Dimensions (mm)				
			L	W	F	H	d
BPCSH25-A25	25	Green	75	60	88	110	M12
BPCSH25-A50	50	Black					
BPCSH25-A75	75	White					
BPCSH25-A100	100	Blue					
BPCSH25-A150	150	Grey					
BPCSH25-A200	200	Orange					
BPCSH25-B200	200	Green	90	80	105	150	M16
BPCSH25-B250	250	Brown					
BPCSH25-B300	300	Grey					
BPCSH25-B400	400	Purple					
BPCSH25-C400	400	Brown	90	80	105	150	M20
BPCSH25-C500	500	Grey					
BPCSH25-C600	600	Orange					
BPCSH25-C700	700	Green					
BPCSH25-2C800	800	Brown	200	100	105	160	M30
BPCSH25-2C1000	1000	Grey					
BPCSH25-2C1200	1200	Orange					
BPCSH25-2C1400	1400	Green					
BPCSH25-2C1600	1600	Brown*					
BPCSH25-2C1800	1800	Grey*					
BPCSH25-2C2000	2000	Orange*	200	100	105	160	M36
BPCSH25-2C2200	2200	Green*					
BPCSH25-2C2400	2400	Orange**					
BPCSH25-2C2600	2600	Green**					



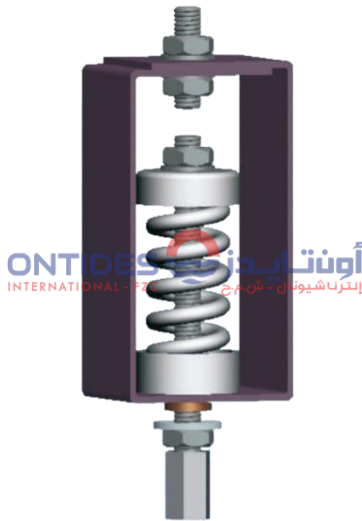
* With WHITE Core Spring

** With BLUE Core Spring

Note:

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

Precompressed 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:

Suspension of water pipe lines and seismically restrained rotating equipments.

3. Product Features:

- 3.1. The Springs are designed to have a stiffness ratio more than unity which ensures buckle free operation throughout load range.
- 3.2. Suspension rod misalignment (30-degree arc) is compensated in hanger design.
- 3.3. Direct connection to lower suspension rod by means of a threaded rod coupler.
- 3.4. Printed deflection scale to indicate total spring deflection.
- 3.5. Pre compressed spring effectively minimizes transfer of variations in pipe load during filling of pipes thus protecting equipment connections / flexible joints and also prevents overloading of the main equipment isolators.
- 3.6. Locking rubber bush centralizes the spring and prevents dislocation.
- 3.7. Springs are powder coated with appropriate colour coding to facilitate identification.
- 3.8. 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.
- 3.9. The Springs are designed to have additional 50% of rated load at 1.5 of rated deflection.

Options:

- 1) Frame Hot Dip Galvanised (Prefix Part Number with "HDG").
- 2) Spring Neoprene Coated (Prefix Part Number with "N").
- 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).

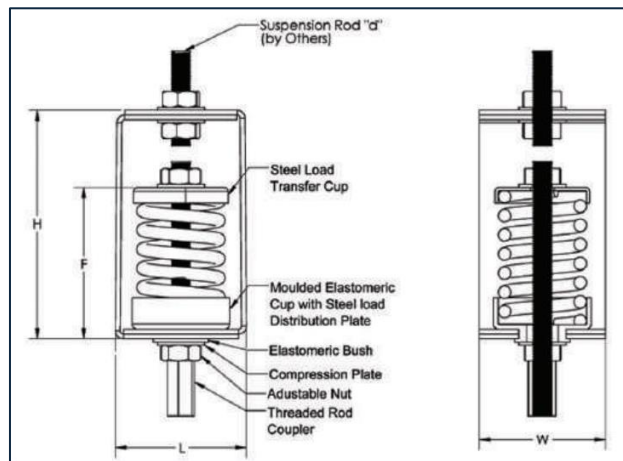
5. Installation Guidelines:

Included in packaging.

Precompressed Spring Hanger – 50mm Deflection

SPECIFICATIONS

Isolator Model	Rated Load (kg)	Spring Colours	Dimensions (mm)				
			L	W	F	H	d
BPCSH50-A10	10	Brown	83	80	96	145	M12
BPCSH50-A15	15	Orange					
BPCSH50-A30	30	Green					
BPCSH50-A40	40	Red					
BPCSH50-A60	60	White					
BPCSH50-A100	100	Blue					
BPCSH50-A150	150	Black					
BPCSH50-A200	200	Yellow					
BPCSH50-A250	250	Purple					
BPCSH50-A300	300	Grey					
BPCSH50-C250	250	Orange	120	100	200	160	M20
BPCSH50-C300	300	Brown					
BPCSH50-C400	400	Green					
BPCSH50-C500	500	Yellow					
BPCSH50-2C600	600	Brown					
BPCSH50-2C800	800	Green	220	100	210	160	M36
BPCSH50-2C1000	1000	Yellow					
BPCSH50-2C1200	1200	Yellow*					
BPCSH50-2C1400	1400	Yellow**					
BPCSH50-2C1600	1600	Yellow***					
BPCSH50-4C2000	2000	Yellow	240	200	210	160	M36
BPCSH50-4C2400	2400	Yellow*					
BPCSH50-4C2800	2800	Yellow**					
BPCSH50-4C3200	3200	Yellow***					



* With WHITE Core Spring
 ** With BLUE Core Spring
 *** With BLACK Core Spring

Note:

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- To achieve good sound suppression, do not overload fitting.