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Precompressed Spring Hanger 50 mm Standard Deflection

Catalogue Number : 9000106 : Rev. 01 Dated 07-10-2014

1. Compliance:

- a) Designed to BS 1726 -1 : 1987
- b) Tolerance to BS 1726-1 : 2002
- c) SAE and Ashrae Guidelines for Vibration Isolation

2. Application:

- a) Suspension of water pipe lines and seismically restrained rotating equipments.

3. Product Features:

- a) Spring diameter to height ratios are designed to ensure that spring will never buckle even when fully loaded.
- b) Suspension rod misalignment (30 degree arc) is compensated in hanger design.
- c) Direct connection to lower suspension rod by means of a threaded rod coupler.
- d) Printed deflection scale to indicate total spring deflection.
- e) 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.
- f) Locking rubber bush centralizes the spring and prevents dislocation.
- g) Springs are powder coated with appropriate color coding to facilitate identification.
- h) 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:

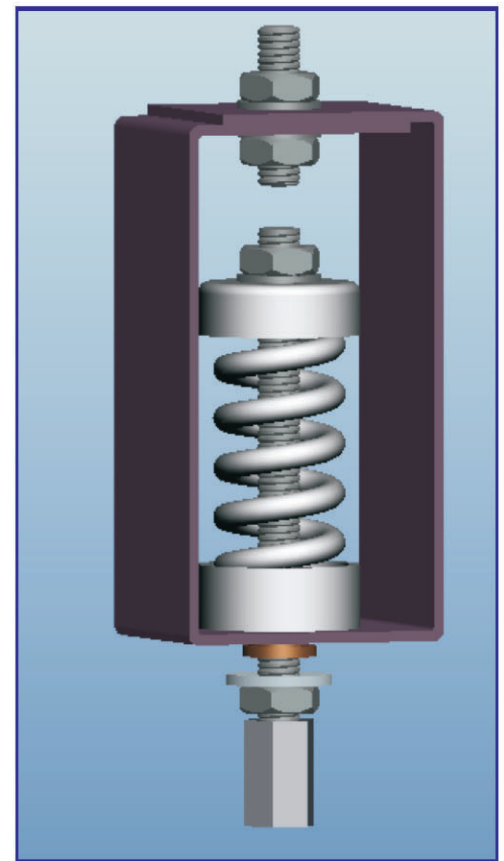
- 1) Frame Hot Dip Galvanised (Prefix Part Number with "HDG")
- 2) Spring Neoprene Coated (Prefix Part Number with "N")
- 3) Spring Plastic Coated (Prefix Part Number with "P")

4. Selection / Ordering:

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

5. Installation Guide lines:

- a) Included in packaging.



Isolator Model	Rated Load (kg)	Spring Colours	Dimension (mm)				
			L	W	H	E(apprx.)	d
SPCSH50-B25	25	Green	77	60	170	100	M12
SPCSH50-B50	50	Red					
SPCSH50-B75	75	Black					
SPCSH50-B100	100	Yellow					
SPCSH50-B150	150	Blue					
SPCSH50-C200	200	Green	94	80	200	115	M16
SPCSH50-C250	250	Red					
SPCSH50-C300	300	Black					
SPCSH50-C400	400	Yellow					
SPCSH50-C500	500	Black/Green					
SPCSH50-C600	600	Yellow/Green	107	95	240	130	M20
SPCSH50-G700	700	Black					
SPCSH50-G800	800	Yellow					
SPCSH50-G1000	1000	Blue	107	95	260	145	M24
SPCSH50-G1200	1200	Blue/Green					
SPCSH50-G1400	1400	Blue/Brown	260	100	360	175	M30
SPCSH50-2G1600	1600	Yellow					
SPCSH50-2G2000	2000	Blue	260	100	385	190	M36
SPCSH50-2G2400	2400	Blue/Green					
SPCSH50-2G2800	2800	Blue/Brown					

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