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Precompressed Spring Hanger 25 mm Standard Deflection

Catalogue Number : 9000105 : 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.

Option:

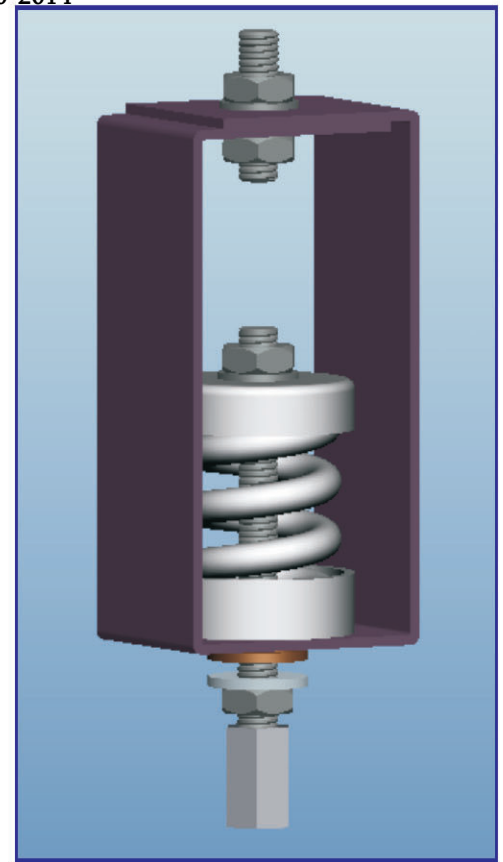
- 1) Frame Hot Dip Galvanised (Prefix Part Number with "HDG")
- 2) Spring Neoprene Coated (Prefix Part Number with "N")
- 3) Spring Plastic Coated (Prefix Part Number with "P")

4. Selection / Ordering:

- a) 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.



| Isolator Model | Rated Load (kg) | Spring Colours | Dimension (mm) | | | | |
|----------------|-----------------|----------------|----------------|----|-----|-----------|-----|
| | | | L | W | H | E(apprx.) | d |
| SPCSH-A25 | 25 | Green | 77 | 60 | 120 | 68 | M10 |
| SPCSH-A50 | 50 | Black | | | | | |
| SPCSH-A75 | 75 | Yellow | | | | | |
| SPCSH-A100 | 100 | Blue | 77 | 60 | 120 | 75 | M10 |
| SPCSH-A150 | 150 | Grey | | | | | |
| SPCSH-A200 | 200 | Orange | | | | | |
| SPCSH-B200 | 200 | Black | 77 | 60 | 145 | 85 | M12 |
| SPCSH-B250 | 250 | Yellow | | | | | |
| SPCSH-B300 | 300 | Blue | | | | | |
| SPCSH-B400 | 400 | Grey | 94 | 80 | 180 | 115 | M16 |
| SPCSH-C400 | 400 | Brown | | | | | |
| SPCSH-C500 | 500 | Grey | | | | | |
| SPCSH-C600 | 600 | Orange | 94 | 80 | 220 | 145 | M22 |
| SPCSH-C700 | 700 | Green | | | | | |
| SPCSH-C800 | 800 | Pink | | | | | |
| SPCSH-C1000 | 1000 | White | 235 | 75 | 325 | 175 | M30 |
| SPCSH-C1200 | 1200 | Purple | | | | | |
| SPCSH-2C1400 | 1400 | Green | | | | | |
| SPCSH-2C1600 | 1600 | Pink | 235 | 75 | 350 | 190 | M36 |
| SPCSH-2C2000 | 2000 | White | | | | | |
| SPCSH-2C2400 | 2400 | Purple | | | | | |
| SPCSH-2C2800 | 2800 | Purple/Yellow | 235 | 75 | 350 | 190 | M36 |
| SPCSH-2C3200 | 3200 | Purple/White | | | | | |

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