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## Neoprene Hanger

Catalogue Number : 9000109 : 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) Neoprene Hangers are recommended for the isolation of vibration produced by suspended Mechanical Equipment less than 15 kw, such as exhaust fans, duct work, Fan Coil Units, Piping etc... These are especially recommended to isolate sources of audible frequency of vibration where static deflection requirement is upto 13 mm.

#### 3. Product Features:

 a) 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 Galvanised. Part Number prefix with "HDG".

- b) Rubber Mount is designed with hollow conical section thus ensuring loading of rubber in shear as well as compression mode and hence provides better isolation performance.
- c) Hanger Cage is designed to accommodate suspension rod misalignment upto 30°
- d) Colour coded to facilitate easy identification
- e) Steel Brackets are fail safe upto 500% overloading
- f) Elastomer inserts are moulded from Oil Resistant Compounds

#### 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.



| Model   | Colour Code | Rated Load (kg) | Rated          | Dimensions (mm) |    |     |    |     |
|---------|-------------|-----------------|----------------|-----------------|----|-----|----|-----|
|         |             |                 | Deflection(mm) | L               | W  | Н   | F  | d   |
| SNH-A-R | Red         | 18              |                |                 |    |     |    |     |
| SNH-A-G | Green       | 35              | 8              | 65              | 50 | 80  | 35 | M8  |
| SNH-A-B | Blue        | 50              |                |                 |    |     |    |     |
| SNH-B-R | Red         | 100             |                |                 |    |     |    |     |
| SNH-B-G | Green       | 140             | 10             | 77              | 60 | 100 | 48 | M10 |
| SNH-B-B | Blue        | 200             |                |                 |    |     |    |     |
| SNH-C-R | Red         | 250             | 10             | 94              | 80 | 145 | 73 | M12 |
| SNH-C-G | Green       | 350             |                |                 |    |     |    |     |
| SNH-C-B | Blue        | 500             |                |                 |    |     |    |     |
| SNH-D-R | Red         | 600             | 13             | 107             | 95 | 180 | 90 | M12 |
| SNH-D-G | Green       | 700             |                |                 |    |     |    |     |
| SNH-D-B | Blue        | 900             |                |                 |    |     |    |     |

### SELECTION TABLE (Table No: C-22-01)

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