

MECHANICAL EQUIPMENT

# Products

## Air Conditioning & HVAC

### Hangers

#### Type HS and PCHS

# Type HS and PCHS Spring Hangers

Selection Table

| Type | Size | Rated Capacity [ kg ] | Rated Deflection [ mm ] | Spring Rate [ kg/mm ] | Spring Color        |
|------|------|-----------------------|-------------------------|-----------------------|---------------------|
| HSA  | 45   | 20                    | 40                      | 0.5                   | Blue                |
|      | 75   | 34                    | 38                      | 0.9                   | Orange              |
|      | 125  | 56                    | 33                      | 1.7                   | Red                 |
|      | 200  | 90                    | 29                      | 3.1                   | Black               |
|      | 310  | 150                   | 25                      | 6.1                   | Yellow              |
| HSB  | 60   | 27                    | 54                      | 0.5                   | Grey                |
|      | 140  | 64                    | 49                      | 1.3                   | Orange              |
|      | 280  | 128                   | 40                      | 3.2                   | Green               |
|      | 450  | 207                   | 33                      | 6.3                   | Red                 |
|      | 750  | 340                   | 30                      | 11.3                  | White               |
|      | 1000 | 450                   | 25                      | 18.0                  | Blue                |
| HSC  | 225  | 100                   | 45                      | 2.2                   | Orange              |
|      | 435  | 200                   | 39                      | 5.1                   | Grey                |
|      | 735  | 320                   | 35                      | 9.2                   | White               |
|      | 1000 | 445                   | 26                      | 17.2                  | Black               |
| HSC  | 1350 | 615                   | 25                      | 24.6                  | Yellow              |
|      | 1675 | 765                   | 25                      | 30.6                  | Yellow <sup>1</sup> |
|      | 2100 | 950                   | 25                      | 38.0                  | Yellow <sup>2</sup> |

1 with grey inner spring  
2 with red inner spring

All hangers can be tagged for identification, if specified

LR = Allowance for length of lower rod above base of hanger – our supply only with PCHS

d = Rod diameter. First size shown is standard. Sizes in brackets are optional. Standard size will be supplied unless optional is specified.

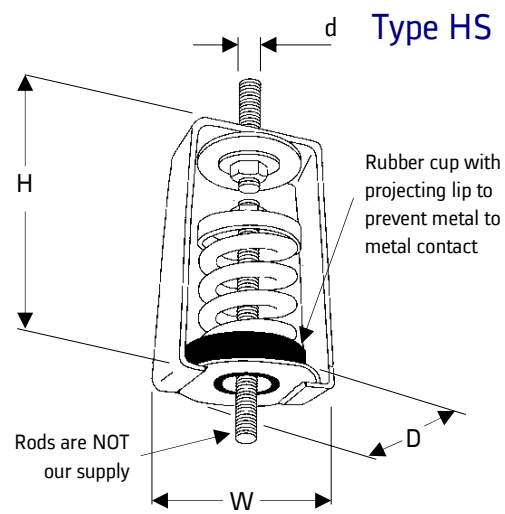
RE = Rod extension – base of hanger to centre off rod coupling – our supply

CL = Length of rod coupling – our supply. HSD or PCHSD ( 2 springs ) and HSE or PCHSE ( 4 springs ) can be supplied for capacities up to 3800 kg. Dimensions are not published because they can be changed to meet the customer’s particular requirements.

Pre compression equipment comprises of slotted PC plate, threaded rod, top nut and lock nut, bottom nut, rod coupling and scale plate

## Dimensions in mm

| Type | Size        | H   | W   | D  | LR  | d           | PCHS only |           |
|------|-------------|-----|-----|----|-----|-------------|-----------|-----------|
|      |             |     |     |    |     |             | RE        | CL        |
| HSA  | 45 – 310    | 130 | 83  | 50 | 100 | M10         | 105       | 45        |
| HSB  | 60 – 450    | 180 | 120 | 50 | 135 | M12 ( M16 ) | 110       | 45 ( 50 ) |
| HSB  | 750 – 1000  | 180 | 120 | 50 | 135 | M16 ( M12 ) | 110       | 50 ( 45 ) |
| HSC  | 225 435     | 190 | 135 | 65 | 135 | M12 ( M16 ) | 110       | 45 ( 50 ) |
| HSC  | 735 – 1000  | 190 | 135 | 65 | 135 | M16 ( M12 ) | 110       | 50 ( 45 ) |
| HSC  | 1350        | 190 | 135 | 65 | 140 | M20         | 120       | 50        |
| HSC  | 1675 - 2100 | 190 | 135 | 65 | 145 | M20         | 120       | 50        |



## Type PCHS

Hanger supplied with spring pre compressed to 80% of rated deflection unless otherwise specified. Loosen nut and remove PC plate after hanger is fully loaded.

