



**Maximum preload:** 210 Bar

**Body:** made in painted carbon steel

**Working temperature:** from -20°C to +90°C

**Compression ratio:** recommended:  $P2/P0=2.5$ ; maximum:  $P2/P0=6$

**According to:** 97/23/CE-PED; 94/9/CE-ATEX Group II Cat 2; GOST-R; SEL0-CSEI.

**Standard nitrogen valve:** 5/8" UNF

**Standard nitrogen preload:** 150 bar

**Ex: for a nitrogen preload of 10 bar:** Max.pressure in the int.:  $\leq 60$  bar, and recom.press: 25 bar

**Nitrogen load valve thread:** 5/8" UNF

| Part n°         | R1       | Max. flow (l/min) | Max. Press. (bar) | Nitrogen vol. (l) | Image n° | A   | B   | C  | D   |
|-----------------|----------|-------------------|-------------------|-------------------|----------|-----|-----|----|-----|
| <b>HST 0.05</b> | 3/8" BSP | 35                | 300               | 0,05              | 1        | 98  | 68  | 22 | 60  |
| <b>HST 0.15</b> | M18X1.5  | 45                | 300               | 0.15              | 1        | 141 | 94  | 22 | 80  |
| <b>HST 0.35</b> | M18X1.5  | 50                | 300               | 0,35              | 1        | 152 | 100 | 22 | 101 |
| <b>HST 0.5</b>  | M18X1.5  | 60                | 300               | 0,5               | 1        | 175 | 120 | 22 | 124 |
| <b>HST 0.7</b>  | M18x1.5  | 55                | 300               | 0.7               | 1        | 218 | 80  | 22 | 100 |
| <b>HST 1.3</b>  | M18X1.5  | 55                | 300               | 1,3               | 1        | 232 | 180 | 22 | 125 |
| <b>HST 1.5</b>  | M18X1.5  | 55                | 300               | 1,5               | 2        | 270 | 160 | 22 | 138 |
| <b>HST 2.3</b>  | M18X1.5  | 55                | 300               | 2,3               | 2        | 340 | 165 | 22 | 138 |