

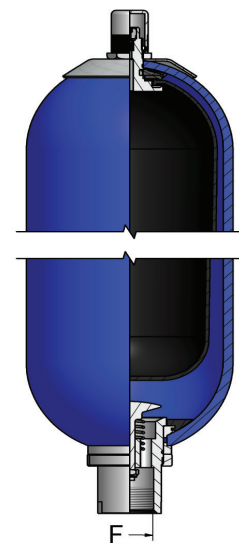
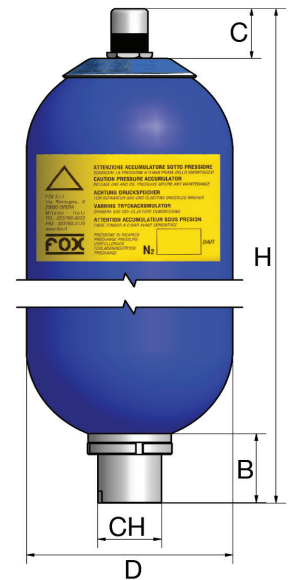
Bladder Type Hydropneumatic Accumulators HB Series



ACCUMULATORS

Technical Features:

- Maximum working pressure (PS) : 350/330 bar
- Test Pressure (PT) : PS x 1.43 bar
- Body: forged steel, sand and painted
- Working temperature (TS) : from - 20°C to + 80°C
- Standard bladder: can be used with mineral oils and non corrosive fluids
- Installation position: vertical position (nitrogen valve upward)
- Compression ratio:
 - recommended: P2/P0 = 2.5
 - maximum: P2/P0 = 4
- Mechanical life: the number of cycles is inversely proportional to the increase of the compression ratio
- Warranty: see dedicated page
- Spare parts: see dedicated page
- Special execution:
 - inside and outside epoxy painted body
 - inside and outside nickel, zinc, Teflon plated body
 - bladders for working temperatures from -50 °C to +130 °C
- According to:
 - 97/23/CE – PED
 - 94/9/CE – ATEX Group II Cat 2
 - GOST-R (Russia)



| Article No. | HB2.5 | HB4.5 | HB6 | HB10 | HB10/2 | HB20 | HB25 | HB35 | HB50 |
|--|-------|-------|-----|------|--------|------|------|------|------|
| PRICE ON REQUEST | | | | | | | | | |
| please contact our sales team for a quote on your next accumulator project sales@isisfluid.com 01608 645755 | | | | | | | | | |

| Type | Max Pressure | Nitrogen Volume | Max Preload | H | D | C | B | CH | Hydraulic Connection | Max Flow | Weight |
|--------|--------------|-----------------|-------------|------|-----|----|----|----|----------------------|----------|--------|
| | Bar | Litre | Bar | mm | mm | mm | mm | mm | | Lt./Min | Kg |
| HB2.5 | 350 | 2.5 | 230 | 495 | 114 | 25 | 60 | 50 | 11/4" BSP | 220 | 12 |
| HB4.5 | 350 | 4 | 230 | 410 | 168 | 47 | 60 | 50 | 11/4" BSP | 400 | 16 |
| HB6 | 350 | 6 | 230 | 505 | 168 | 47 | 60 | 50 | 11/4" BSP | 350 | 19.5 |
| HB10 | 350 | 10 | 230 | 775 | 168 | 47 | 60 | 50 | 11/4" BSP | 300 | 36 |
| HB10/2 | 330 | 10 | 230 | 550 | 223 | 45 | 60 | 70 | 2" BSP | 630 | 48 |
| HB20 | 330 | 18.5 | 230 | 870 | 223 | 60 | 60 | 70 | 2" BSP | 600 | 53 |
| HB25 | 330 | 24.9 | 230 | 1030 | 223 | 60 | 60 | 70 | 2" BSP | 570 | 62 |
| HB35 | 330 | 33.5 | 230 | 1400 | 223 | 60 | 60 | 70 | 2" BSP | 540 | 84 |
| HB50 | 330 | 49 | 230 | 1900 | 223 | 60 | 60 | 70 | 2" BSP | 500 | 115 |