

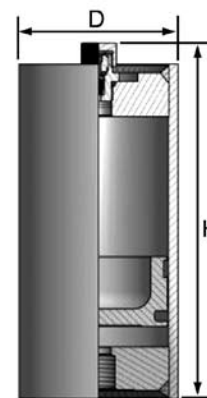
Piston Type Accumulators HP Series

Technical Features

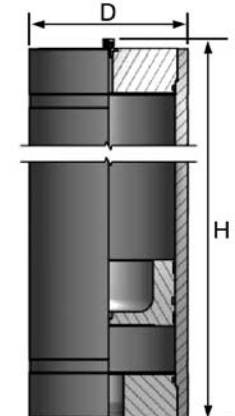
Maximum working pressure (PS): 250 bar
 Test pressure (PT): PS x 1,43
 Working temperature (T): from -20°C to +80°C
 Type: *not reparable for volumes up to 6 litres (D.1)
 *reparable for volumes from 7 to 80 litres(D.2)
 Construction method: carbon steel body with separation piston made in aluminium
 Seals: - standard execution : NBR
 - on request : Polyurethane – FKM – PTFE
 Max speed piston: 0,4 m/s for piston diameter of 60-80-100 mm
 0,6 m/s for piston diameter of 150 mm
 0,6 m/s for piston diameter of 250 mm
 Assembly: in every position
 Compression Ratio: in the piston execution the compression ratio does not require compliance with strictly defined parameters
 Spare parts : - "R" nitrogen valve for capacity up to 6 litres
 - Nitrogen valve and kit seals for piston and end cover for volume from 7 to 100 litres
 Warranty: see dedicated page



ACCUMULATORS



Drawing No 1



Drawing No 2

| Article No. | Max Pressure bar | Nitrogen Volume Lt | Max N ² precharge bar | H mm | D mm | Piston Diameter mm | Oil ports F | Max Flow Lt/min | Weight Kg | Drawing N. | Price | |
|----------------------------|---------------------|-----------------------|-------------------------------------|---------|---------|-----------------------|----------------|--------------------|--------------|---------------|------------|------------|
| | | | | | | | | | | | £ | € |
| not reparable - welded cap | HP60-0,3 | 0,3 | | 180 | 70 | 60 | ½"BSP | 80 | 3,4 | 1 | £199.70 | €205.90 |
| | HP60-0,5 | 0,5 | | 260 | 70 | 60 | ½"BSP | 80 | 4 | 1 | £212.20 | €218.80 |
| | HP80-0,5 | 0,5 | | 200 | 92 | 80 | ½"BSP | 120 | 4,6 | 1 | £257.90 | €266.00 |
| | HP80-0,7 | 0,7 | | 240 | 92 | 80 | ½"BSP | 120 | 5,8 | 1 | £276.60 | €285.30 |
| | HP80-1 | 1 | | 300 | 92 | 80 | ½"BSP | 120 | 7 | 1 | £301.60 | €311.00 |
| | HP80-1,5 | 1,5 | | 350 | 92 | 80 | ½"BSP | 120 | 8,2 | 1 | £326.60 | €336.80 |
| | HP100-1 | 1 | 175 | 260 | 115 | 100 | ¾"BSP | 180 | 11 | 1 | £372.30 | €384.00 |
| | HP100-2 | 2 | | 390 | 115 | 100 | ¾"BSP | 180 | 14,2 | 1 | £405.60 | €418.30 |
| | HP100-3 | 3 | | 530 | 115 | 100 | ¾"BSP | 180 | 18 | 1 | £438.90 | €452.60 |
| | HP100-4 | 4 | | 660 | 115 | 100 | ¾"BSP | 180 | 21 | 1 | £476.30 | €491.20 |
| | HP100-5 | 5 | | 790 | 115 | 100 | ¾"BSP | 180 | 25 | 1 | £517.90 | €534.10 |
| HP100-6 | 6 | | 920 | 115 | 100 | ¾"BSP | 180 | 29 | 1 | £557.40 | €574.90 | |
| reparable - threaded cap | HP150-7 | 7 | | 570 | 175 | 150 | 1" BSP | 450 | 38 | 2 | £2,677.00 | €2,760.60 |
| | HP150-10 | 10 | | 750 | 175 | 150 | 1" BSP | 450 | 45 | 2 | £2,991.00 | €3,084.50 |
| | HP150-13 | 13 | | 930 | 175 | 150 | 1" BSP | 450 | 54 | 2 | £3,330.10 | €3,434.10 |
| | HP180-10 | 10 | | | | | 1½"BSP | | | | £5,532.80 | €5,705.70 |
| | HP180-15 | 15 | | 825 | 207 | 180 | 1½"BSP | 900 | 92 | 2 | £5,961.30 | €6,147.60 |
| | HP180-20 | 20 | | 1021 | 207 | 180 | 1½"BSP | 900 | 106 | 2 | £6,387.70 | €6,587.30 |
| | HP180-25 | 25 | | 1218 | 207 | 180 | 1½"BSP | 900 | 118 | 2 | £6,928.50 | €7,145.00 |
| | HP180-30 | 30 | | 1414 | 207 | 180 | 1½"BSP | 900 | 129 | 2 | £7,469.30 | €7,702.70 |
| | HP180-35 | 35 | | 1611 | 207 | 180 | 1½"BSP | 900 | 140 | 2 | £8,008.00 | €8,258.30 |
| | HP250-20 | 20 | 175 | 764 | 295 | 250 | 2"BSP | 1700 | 198 | 2 | £10,233.60 | €10,553.40 |
| | HP250-30 | 30 | | 967 | 295 | 250 | 2"BSP | 1700 | 240 | 2 | £10,797.30 | €11,134.70 |
| | HP250-40 | 40 | | 1170 | 295 | 250 | 2"BSP | 1700 | 272 | 2 | £11,338.10 | €11,692.40 |
| | HP250-50 | 50 | | 1374 | 295 | 250 | 2"BSP | 1700 | 294 | 2 | £12,147.20 | €12,526.80 |
| | HP250-60 | 60 | | 1578 | 295 | 250 | 2"BSP | 1700 | 338 | 2 | £12,935.50 | €13,339.80 |
| | HP250-80 | 80 | | 1986 | 295 | 250 | 2"BSP | 1700 | 386 | 2 | £13,634.40 | €14,060.50 |
| | HP250-100 | 100 | | 2363 | 295 | 250 | 2"BSP | 1700 | 460 | 2 | £15,485.60 | €15,969.50 |
| HP350-150 | 150 | | 1850 | 406 | 350 | 2"BSP | 2000 | 860 | 2 | £24,972.50 | €25,752.90 | |
| HP350-250 | 250 | | 2890 | 406 | 350 | 2"BSP | 2000 | 1200 | 2 | £28,077.90 | €28,955.40 | |