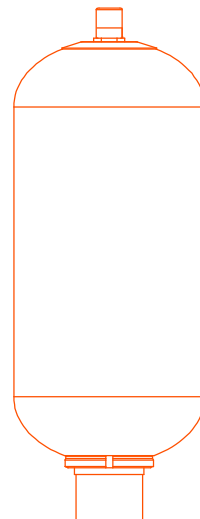


Accumulators



HB Series description

HBEN-01000-CAS-360-G11-N168-P000

Product type

HB Bladder accumulators

Certification

E CE PED

U U STAMP

A ASME Calculation

S SELO

M ABS Marino

Seals

N NBR

V VITON

Volume

01000 10,00 Liters

See table (Size) for other volumes

Shell material

C Carbon steel (Standard)

W Stainless steel 316

Nitrogen valve connection

A 5/8"-18 UNF

Nitrogen valve material

S Stainless steel

Max. working pressure

360 360 bar

207 207 bar

315 315 bar

Oil connection

G11 1-1/4" GAS

G20 2" GAS

Materials STEM, oil port and shell color

N Carbon steel STEM and Oil port (Blue shell only for CS version)

A INOX STEM and Oil port (Blue shell only for CS version)

B INOX STEM and Carbon steel Oil port (Blue shell only for CS version)

C Carbon steel STEM and INOX Oil port (Blue shell only for CS version)

D Carbon steel STEM and grey Zn-Ni Oil port (Blue shell only for CS version)

E INOX STEM and grey Zn-Ni Oil port (Blue shell only for CS version)

S Special version (Contact AFT)

For other configurations contact AFT

Diameter

114 114mm

168 168mm

219 219mm

Precharge

000 No precharge

050 50 bar

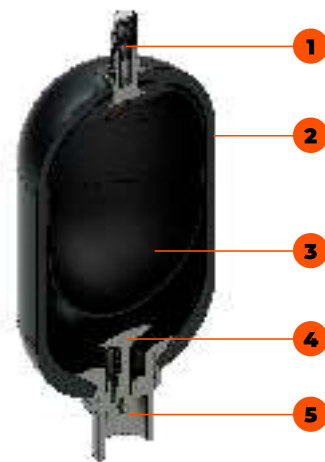
xxx Other settings

Bladder

Bladder

ACCUMULATOR

New!



- 1** nitrogen valve (N₂)
- 2** accumulator body
- 3** bladder
- 4** poppet
- 5** oil port

Bladder material

standard

NBR (-20 °C / +80 °C)

on request

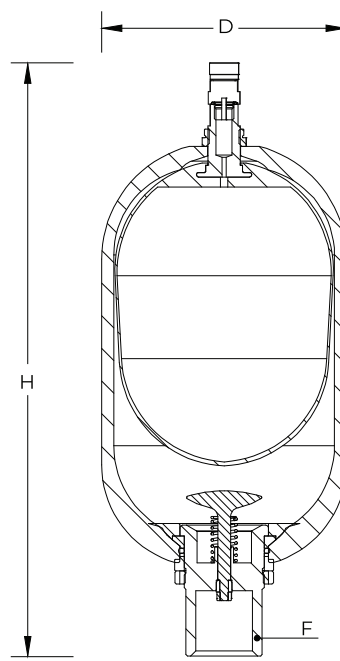
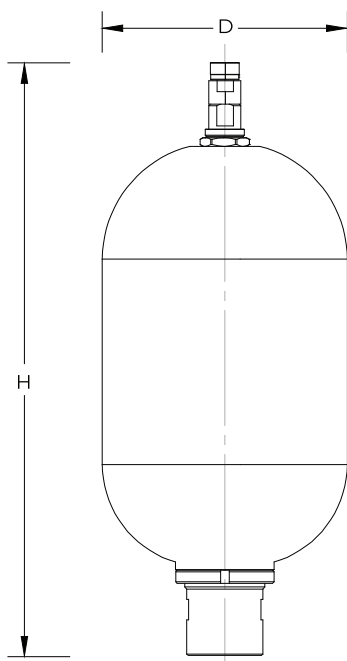
FKM (-25 °C / +140 °C)

ECO (-40 °C / +115 °C)

EPDM (-55 °C / +120 °C)

Size

1 L | **2,5 L** | **4 L** | **6 L** | **10L L** | **10 L** | **20 L** | **24,5 L** | **32 L** | **50 L**



Suggested fluid filtration: ≤25 micron

Volume [L]	P _{max} [bar]	Flow _{max} [l/min]	Oil port (F)	H [mm]	D [mm]	Weight [Kg]	P ₀ / P _{max}	N ₂ port
1	360	450	G 1" 1/4	335	114	5,6	1:4	5/8" 18UNF
2,5	360	450	G 1" 1/4	530	114	9	1:4	5/8" 18UNF
4	360	450	G 1" 1/4	415	168	12	1:4	5/8" 18UNF
6	360	450	G 1" 1/4	545	168	16,3	1:4	5/8" 18UNF
10L	360	450	G 1" 1/4	810	168	24,9	1:4	5/8" 18UNF
10	360	900	G 2"	570	219	28,1	1:4	5/8" 18UNF
20	360	900	G 2"	880	219	45,2	1:4	5/8" 18UNF
24,5	360	900	G 2"	1015	219	52,7	1:4	5/8" 18UNF
32	360	900	G 2"	1400	219	74	1:4	5/8" 18UNF
50	360	900	G 2"	1915	219	102,4	1:4	5/8" 18UNF

Atlantic Fluid Tech Bladder Accumulator standard construction according to CE (2014/68/EU- PED).

On request, according to:

ASME VIII Div.1 Latest Edition calculation shell | U-Stamp marked | NR-13 (Brasil) calculation shell | On demand