

Accumulators



HP Series description

HPEN-00200-CAS-250-G34-N080-P000

Product type

HP Piston accumulators

Certification

E CE PED & Art 4.3

A ASME Calculation

Seals

N NBR

V VITON

Volume

00200 2,00 Liters

See table (Size) for other volumes

Shell material

C Carbon steel (Standard)

S Stainless steel

Nitrogen valve connection

A 5/8"-18 UNF

F M28x1,5

Nitrogen valve material

N Carbon steel

S Stainless steel

Max. working pressure

250 250 bar

280 280 bar

350 350 bar

500 500 bar

Oil connection

G12 1/2" GAS

G34 3/4" GAS

G10 1" GAS

Internal diameter

050 50mm

060 60mm

080 80mm

100 100mm

Precharge

000 No precharge

050 50 bar

XXX Other settings

Piston

ACCUMULATOR

New!

- 1** nitrogen valve (N₂)
- 2** accumulator body
- 3** piston
- 4** oil port

Seals **NBR** (-20 °C / +80 °C) | options on request

Size **0,5 L** | **0,75 L** | **1 L** | **1,5 L** | **2 L** | **2,5 L** |
3 L | **4 L** | **5 L** | **6 L** | **7 L** | **8 L** | **9 L** | **10 L**

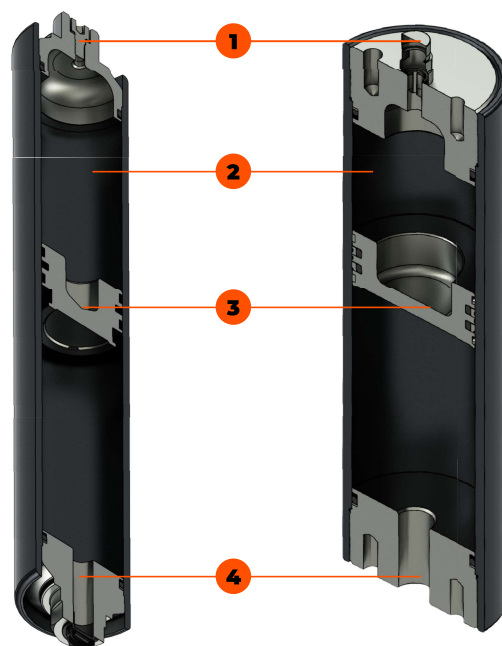
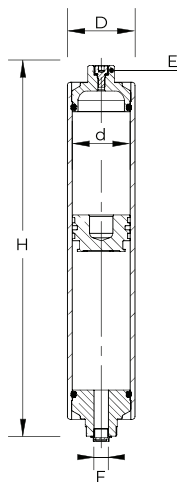
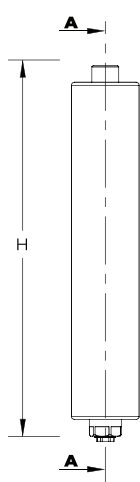


Fig. 1

Fig. 2

Note: On request high pressure accumulators (up to 500 bar)

Suggested fluid filtration: ≤16 micron

Series	Volume [L]	P _{max} [bar]	Oil port (F)	H [mm] (±5 mm)	D [mm]	d [mm]	N ₂ port	HEX	Fig.
50	0,5	280	G 1/2"	343	60	50	M28x1,5	SW30	1
	0,75			473					
	1			613					
	1,5			853					
	2			1103					
60	0,5	280	G 1/2"	263	70	60	M28x1,5	SW30	1
	0,75			358					
	1			433					
	1,5			613					
	2			793					
80	0,75	250	G 3/4"	298	92	80	5/8" 18 UNF	2xM10	2
	1			358					
	1,5			448					
	2			548					
	2,5			648					
	3			748					
	3,5			848					
	4			948					
	4,5			1048					
100	5	250	G 3/4"	1148	115	100	5/8" 18 UNF	2xM14	2
	1			279					
	2			409					
	3			539					
	4			659					
	5			779					
	6			909					
	7			1029					
	8		G 1"	1159	115	100	5/8" 18 UNF	2xM14	2
	9			1289					
	10			1419					