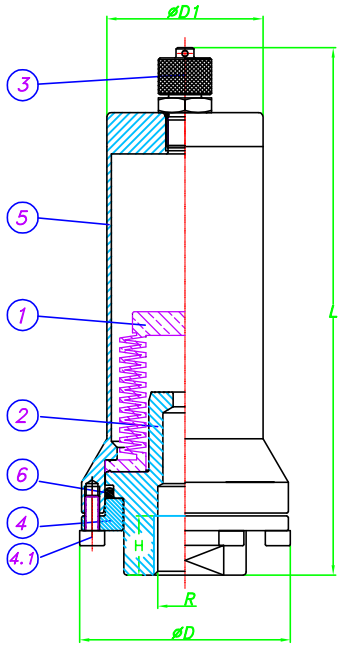
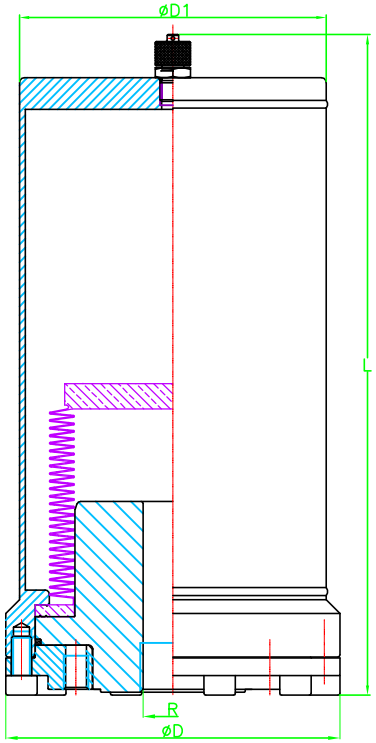
ORDER EXAMPLE: F030 A02 T 1 AI/PD

- Capacity: 2,6 litres
- A02≡20bar
- T= PTFE Bellows
- 1" Standard Connection
- Body material: AISI 316L
- Nozzle material: PVDF

Wall thickness acc. to AD-2000 code



F002 to F007



F015 to F100

$$\frac{\text{Maxi. Pressure}}{\text{Filling gas Pressure}} \leq 2 \text{ (@Constant Temp.)}$$

PULSATION DAMPER MODEL	MAXI. δV ADMITED (c.c.)**	VOLUME (litres)	D (mm)	D1 (mm)	L (mm)	R (BSP)	H (mm)	WEIGHT (Kg.)
F002	15	0.15	70	53	178	1/2"	16	1.6
F003	45	0.30	84	64	234			2.2
F007	120	0.70	105	84	250	3/4"	25	2.7
F015	250	1.50	123	104	254			7.1
F030	600	2.60	170	156	306	1"	27	11.5
F040		3.80			368			12.1
F060		5.60			475			12.9
F100	1500	10	250	206	441	2"	35	19.5
F150	1500	15	250	206	610			26.0

N°	DENOMINATION	QT.	MATERIALS
6	SEAL GASKET	1	SILICONE
5	BODY	1	AISI 316L
4.1	BOLTS	7 to10	DIN 912 A4-70
4	RETAINING NUT	1	AISI 316L
3	FILLING VALVE	1	AISI 316L (1/4" BSP)
2	NOZZLE	1	(+)(PVDF, PTFE, PVC or PE)
1	BELLOWS	1	PTFE

Working Temperatures versus Working Pressures

For a temperature of 100°C correspond design pressure x 0.82
" " " " 150°C " " " x 0.75

WORKING LIMITS TEMPERATURES(°C):
(-5° / +50°C for PVC)
(-15° / +70°C for PVDF & PE)
(-40° / 150°C for PTFE)

(+) Polyethylene= PE
(+) PVC = PC
(+) PVDF = PD
(+) PTFE = TF

MAX.WORKING PRESSURE: 20 bar-g

THE MAXI TEMPERATURE CAN BE REDUCED DEPENDING ON THE LIQUID IN CONTACT

Those Pulsation Dampeners ought to be filled with gas at a value of 0.80x the pressure to stabilize and that at the working temperature

TOLERANCES: External dimentions: 3% Volume: ±2.5% Weight: ±5%

ATTENTION! ALWAYS MUST BE MOUNTED VERTICALITY (VALVE 3 ON TOP)

** ΔV≥C/2 for a single head pump ("C"=Head pump volume)
ΔV≥C/6 for a duplex heads pump
ΔV≥C/15 for a three heads pump

NOTE: The precharge with gas or air must be done slowly and with our charging tool Ref BV016A1TM

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Customer	Customer Ref.	Replaced Drg.N°	Drawn	Approved
		AFT.AI.BP.IN.PL.DOC (Rev.14)	E.Ponsa	M.Carcaré

Title	Drg.No	Rev.	Date	Scale
PULSATION DAMPER WITH PTFE BELLOWS, SS BODY (All parts in contact with liquid in PTFE, PVDF, PVC or PE)	AFT.AI.BP.IN.PL.DOC	15	Feb-18	none