

ORDER EXAMPLE: F030 A04 T 1 AI
 Capacity: 2.6 litres
 A04≅40bar
 T= PTFE Bellows
 1" Standard Connection
 Body & nozzle material: AISI 316L

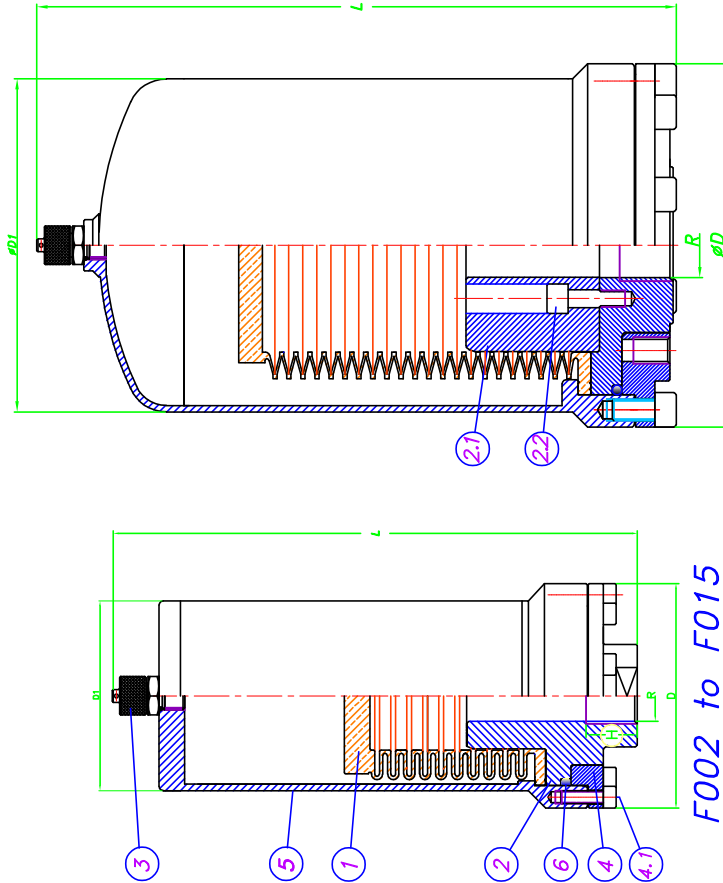
Maxi. Pressure ≅ 2 (@Constant Temp.)
 Filling gas Pressure

PULSATION DAMPER MODEL	MAXI. ΔV ADMITTED (c.c.)**	VOLUME (litres)	DESIGN PRESSURE (bar-g)	D (mm)	D1 (mm)	L (mm)	R (BSP)	H (mm)	WEIGHT (Kg.)
F002	15	0.15	90	71	60	178	1/2"	16	1.4
F003	45	0.30	50	84	64	234			2.2
F007	120	0.70	60	105	89	250	3/4"	25	4.1
F015	250	1.50	50	130	114	254			6.6
F030		2.60				295			10.6
F040	600	3.80	40	170	156	350	1"	27	11.0
F060		5.60				475			12.3
F100	1500	10.00	30	250	206	441	2"	35	24.0
F150		15.00				610			26.0

6	SEAL GASKET	1	SILICONE
5	BODY	1	AISI 316L
4.1	BOLTS	7 to 10	DIN 912 A4-70
4	RETAINING NUT	1	AISI 316L
3	FILLING N ₂ VALVE	1	AISI 316L (1/4" BSP)
2.2	BOLTS	3	DIN 912 A4-70
2.1	GUIDING NOZZLE	1	PTFE
2	NOZZLE	1	AISI 316L
1	BELLOWS	1	PTFE
N°	DENOMINATION	QT.	MATERIALS

ATTENTION! ALWAYS MUST BE MOUNTED VERTICALLY (VALVE 3 ON TOP)
 ** ΔV≅C/2 for a single head pump ("C"=Head pump volume)
 ΔV≅C/5 for a duplex heads pump
 ΔV≅C/12 for a three heads pump
 NOTE: The precharge with gas or air must be done slowly and with our charging tool Ref. BVXXXA1TM

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



F030 to F150

F002 to F015

H = MAXI. LENGTH OF THREAD CONNECTION

Wall thickness acc. to AD-2000 code

Hydrostatic test pressure @ 1.5 * Design pressure @ 20°C

Working Temperatures versus Working Pressures

For a temperature of 100°C	correspond design pressure	x 0.82
" "	" "	x 0.75
" "	" "	x 0.68

WORKING LIMITS TEMPERATURES(°C): -40° / +200°C

Those Pulsation Dampeners ought to be filled with gas at 80% of the working pressure. It shall be done at the working temperature.