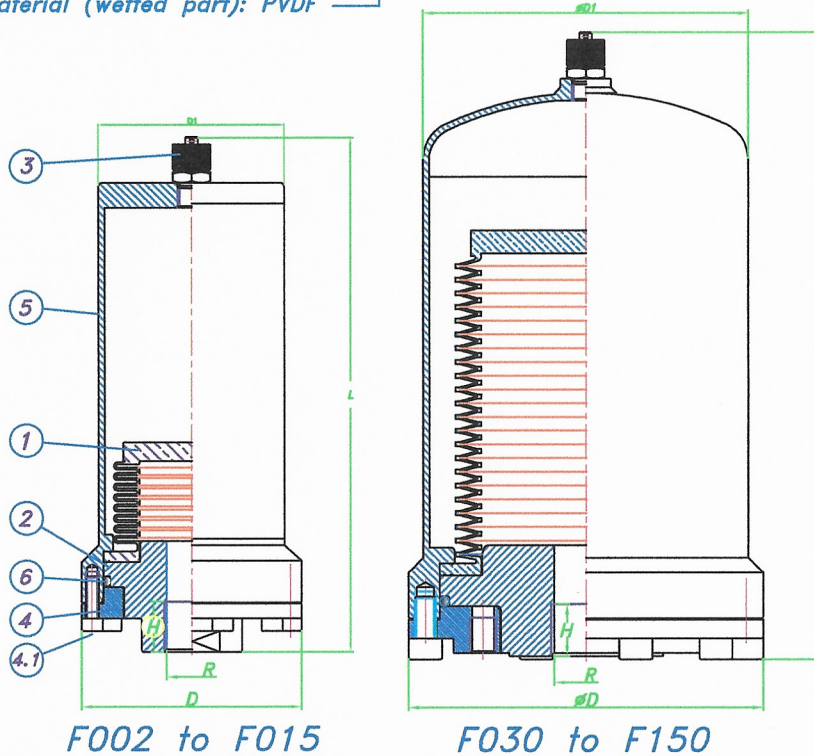


ORDER EXAMPLE: F030 A02 T 1 AI/PD
 Capacity: 2.6 litres
 A02=20bar
 T= PTFE Bellows
 1" Standard Connection
 Body & nozzle material: AISI 316L
 Nozzle material (wetted part): PVDF

MAX. WORKING PRESSURE < K
 FILLING GAS PRESSURE

Wall thickness acc. to AD-2000 code
 All parts in contact with fluid made in PVDF, PTFE, PVC or PE
 Hydrostatic test pressure @ 1.5 * Design pressure @ 20°C



H = MAXI. LENGTH OF THREAD CONNECTION

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):	(+) Polyethylene= PE
(0° / +60°C for PVC)	(+) PVC = PC
(-15° / +70°C for PVDF & PE)	(+) PVDF = PD
(-40° / 200°C for PTFE)	(+) 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 0.90x the pressure to stabilize and that at the working temperature



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CORROSION RESISTANT FLUID HANDLING PRODUCTS

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 TEL. +44 (0)1260 299770 www.prochem-services.com

Customer

Title PTFE BELLOWS PULSATION DAMPER, SS BODY & PLASTIC NOZZLE
 (Wet parts in PTFE and plastic)

Customer Ref.

Replaced Drg.N°
 AFT.AI.BP.IN.PL.DOC (Rev.23)

Drg.No
 AFT.AI.BP.IN.PL.DOC

Drawn
 E.Cortina

Rev. 24
 Date Apr-22
 Scale -

Approved
 M.Carcaré

PULSATION DAMPER MODEL	MAXI. ΔV ADMITTED (c.c.) **	VOLUME (litres)	D (mm)	D 1 (mm)	L (mm)	R (BSP)	H (mm)	WEIGHT (Kg.)	K VALUE
F002	12	0.15	71	60	178	1/2"	16	1.4	1.2
F003	20	0.30	84	64	234			2.2	
F007	80	0.70	105	89	250	3/4"	25	4.1	1.6
F015	450	1.50	130	114	254			5.6	
F030	950	2.60	170	156	295	1"	27	10.6	1.8
F040	1000	3.80			350			11.0	1.6
F060	850	5.60			475			12.3	1.3
F100	2400	10.00			441	2"	35	24.0	1.5
F150	2900	15.00			610			26.0	1.4

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	NOZZLE	1	(+) PTFE, PE, PVC, PVDF
1	BELLOWS	1	PTFE
N°	DENOMINATION	QT.	MATERIALS

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

** ΔV ≥ C/2 for a single head pump
 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 gas Ref. BYXXXAITM

TOLERANCES:
 External dimensions: 3%
 Volume: ± Weight: ± 5%