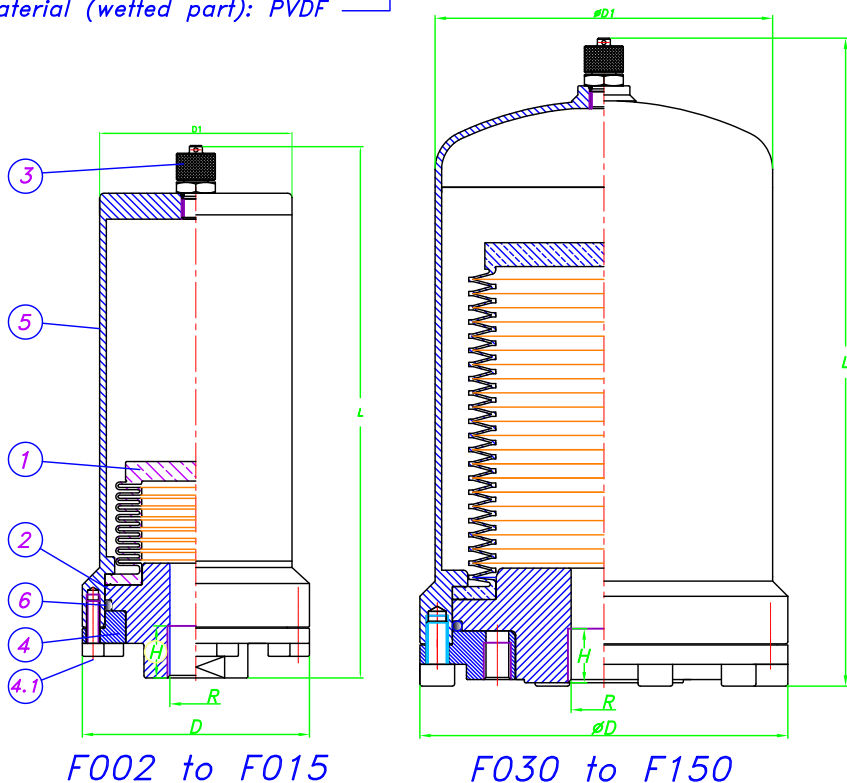


ORDER EXAMPLE: F030 A02 T 1 AI/PD

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  
 Hydraulic test pressure @ 1.5 \* Design pressure @ 20°C



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		
F060	850	5.60			475			12.3		
F100	2400	10.00			206	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 1010	DIN 912 A4-70
4	RETAINING NUT	1	AISI 316L
3	FILLING N <sub>2</sub> VALVE	1	AISI 316L (1/4" BSP)
2	NOZZLE	1	(+) PTFE, PE, PVC, PVDF
1	BELLOWS	1	PTFE
N°	DENOMINATION	QT.	MATERIALS

H = MAXI. LENHTH 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

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

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. BVXXXXITM

**HIDRACAR SA**  
 08243 MANRESA (BARCELONA) SPAIN  
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 E-mail: hidracar@hidracar.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  
 Approved M.Carcaré

Rev. 24  
 Date Apr-22  
 Scale -