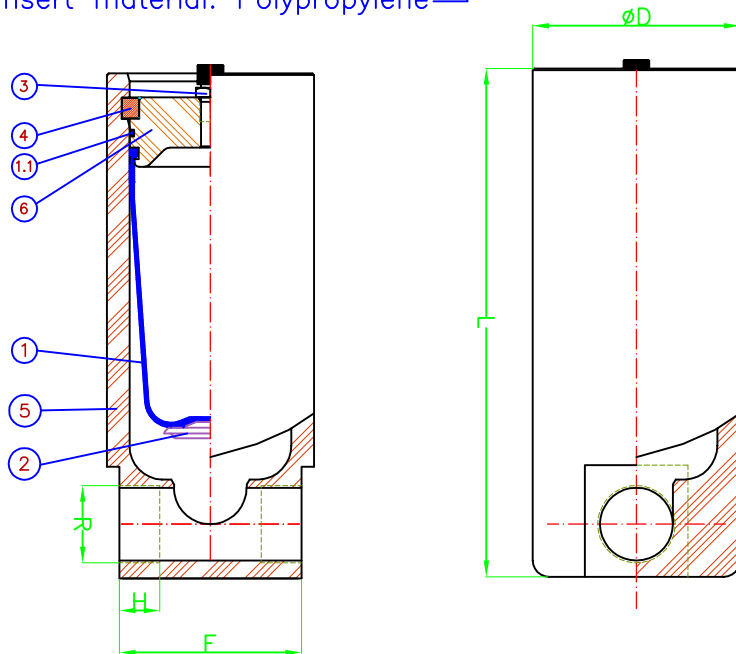


FOR HIGHER PRESSURES, SIZES, MATERIALS AND THREADED CONNECTIONS, PLEASE CONSULT

ORDER REF. EXAMPLE: U007 B 01 V 2 PP

Capacity: 0.65 liter
 B: With s.s. 316 Vg8 Valve
 01=10 bar
 V= FKM Rubber Bladder
 Two ports 1" BSP Standard Connection
 Body & insert material: Polypropylene

$$\text{Value of "K": } \frac{\text{Maxi. Pressure}}{\text{Filling gas Pressure}} \leq K \text{ (@Constant Temp.)}$$



H = MAXI. LENGTH OF THREAD CONNECTION

PULSATION DAMPER REF.	VOLUME	D	F	H	L	R	WEIGHT	K
	(litres)	(mm)	(mm)	(mm)	(mm)	(BSP)	(Kg)	VALUE
U002	0.18	80	73	22	140	1/2"	0.5	2.5
U003	0.36	90	81		175	3/4"	0.7	3
U007	0.65	100	87	24	226	1"	1	3.5
U010	0.95	130	112.5	25	270	1-1/2"	2.1	3
* U015	1.5				314		2.3	
U030	2.6	160	141	30	369	2"	4.2	3.5
* U040	3.80				466		5.1	
* U060	5.60	198	174.5	35	509	2-1/2"	8.3	4
* U100	10.4	250	221	40	545	3-1/2"	16.4	

TOLERANCES: External dimintions: ±3% Volume: ±2.5% Weight: ±4%

6	COVER	1	(+) Polypropylene
5	BODY	1	(+) Polypropylene
4	RETAINING RING	1	(+) Polypropylene
3	FILLING AIR VALVE	1	AISI 316L (Vg8)
2	INSERT	1	(+) Polypropylene
1.1	"O"-RING	1	NBR, EPDM, FKM, BUTYL
1	BLADDER	1	NBR, EPDM, FKM, BUTYL
N°	DENOMINATION	QT.	MATERIALS

SAFETY FACTOR: 4:1 (Minimum Rupture pressure: 40 bar-g)

Standard Bladder Rubbers: N=NBR, BUTYL, E=EPDM, V=FKM

WORKING LIMITS TEMPERATURES(°C): (0 to +60°C)

THE MAX. WORKING TEMPERATURE CAN BE REDUCED DEPENDING ON THE LIQUID IN CONTACT
 Those Pulsation Dampeners ought to be filled with air at 80% of the working pressure. It shall be done at the working temperature.

ATTENTION! THE SIZES WITH (*) ALWAYS MUST BE MOUNTED VERTICALITY (VALVE 3 ON TOP)

MAX. WORKING PRESSURE FOR ALL SIZES: 10 bar-g



HIDRACAR SA

08243 MANRESA (BARCELONA) SPAIN

Phone: 34.93.8330252

E-mail: hidracar@hidracar.com

Customer

Title IN LINE BLADDER PLASTIC PULSATION DAMPERS
 (FOR SUCTION LINES AND PERISTALTIC PUMPS UNTIL 10BAR)

Customer Ref.

Replaced Drg.N°

Drg. IL.AV.PL.BP.IN.DOC.

Drawn

Rev.

Approved

M.Carcaré

Date Scale

Sep-20 none