ORDER REF. EXAMPLE: U007 B01 V 1 PP

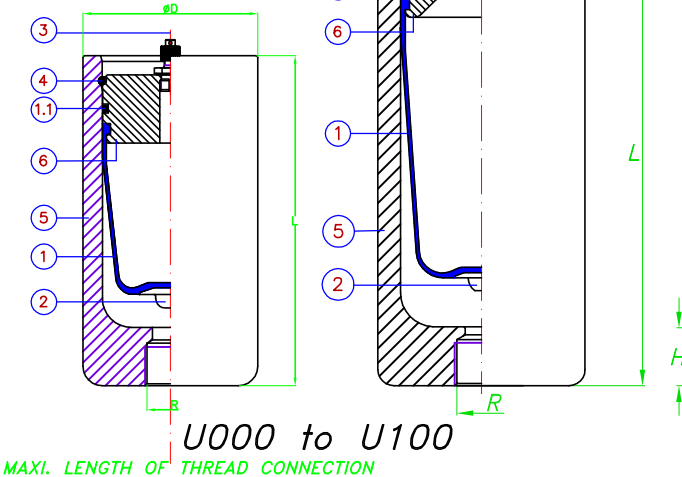
Capacity: 0.65 liter
B01≡10 bar
V= FKM Rubber Bladder
3/4" Standard Connection
Body & insert material: Polypropylene

** Use our PTFE + PVDF Belows dampeners

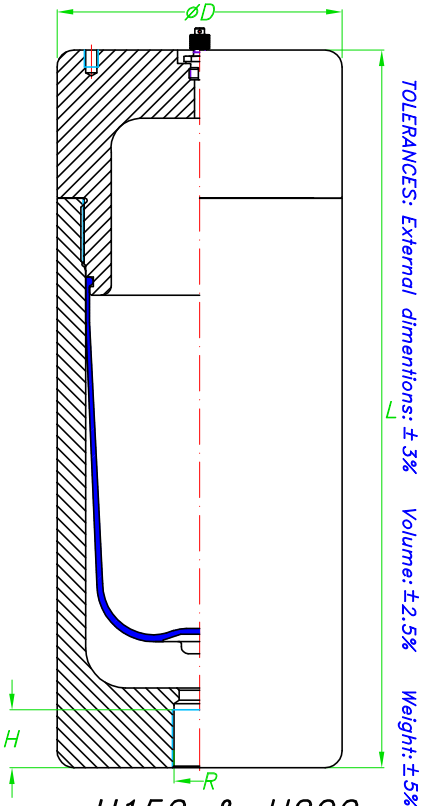
FOR HIGHER PRESSURES, SIZES, MATERIALS AND THREAD CONNECTIONS, PLEASE CONSULT

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

Wall thickness acc. to AD-2000 code



U000 to U100



U150 & U200

H = MAXI. LENGTH OF THREAD CONNECTION

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

PULSATION DAMPER REF.	VOLUME (litres)	D (mm)	L (mm)	R (BSP)	H (mm)	WEIGHT (Kg) PP	PC	PD	K VALUE
U000	0.04	60	77	3/8"	16	0.23	0.30	0.37	2.5
U001	0.09	60	102			0.25	0.34	0.42	
U002	0.18	80	140	1/2"	20	0.50	0.72	0.90	
U003	0.36	90	170	3/4"		0.68	1.03	1.26	3.0
U007	0.65	100	217		24	1.05	1.50	1.84	3.5
U010	0.95	130	242	1"	26	1.86	2.80	3.76	3.0
U015	1.50		286			2.20	3.10	4.15	3.5
U030	2.60	160	324		32	3.70	5.60	7.50	
* U040	3.80		420			4.60	6.60	8.30	
* U060	5.60	200	468	1-1/2"		8.00	11.5	**	4.0
* U100	10.40	250	493	2"	50	12.4	18.4	**	
* U150	15.00		663			16.4	24.6	**	3.0
* U200	20.00		880			21.0	27.7	**	2.0

Nº	DENOMINATION	QT.	MATERIALS
6	COVER	1	(+) PP, PD or PC
5	BODY	1	(+) PP, PD or PC
4	RETAINING RING	1	(+) PP. S.Steel or PD for PD dampeners
3	FILLING AIR VALVE	1	AISI 316L (Vg8)
2	INSERT	1	(+) PP, PD or PC (Not included in U000)
1.1	"O"-RING	1	NBR, EPDM, FKM & BUTYL
1	BLADDER	1	NBR, EPDM, FKM & BUTYL

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

MINIMUM SAFETY FACTOR: 5:1 (Minimum Rupture pressure: 50 bar-g)

Standard Bladder Rubbers: N=NBR, BUTYL, E=EPDM, V=FKM (EPDM not available for U000)

WORKING LIMITS TEMPERATURES(°C):
(0 to +60°C for PVC & PP)
(-15° to +70°C for PVDF)

(+) PC = PVC
(+) PP = Polypropylene
(+) PD = PVDF

THE MAX. WORKING TEMPERATURE CAN BE REDUCED DEPENDING ON THE LIQUID IN CONTACT

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

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

NOTE: The precharge with gas or air must be done slowly and with our charging tool Ref. BVXXXA1TM

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Customer

Customer Ref.

Replaced Drg.Nº: AV.PL.BP.IN.DOC(Rev.20)

Drawn: E.Ponsa

Approved: M.Carcaré

Title: PLASTIC PULSATION DAMPERS (standard units)

Drg.No: AV.PL.BP.IN.DOC.

Rev.: 21

Date: Jun-20

Scale: none