

ORDER REF. EXAMPLE: U030 B 01 V 2 PP

Capacity: 2.6 liter
B: for Vg8, A: for 1/4" BSP
01=10 bar
V= FKM Rubber Bladder
Two ports 2" BSP Standard Connection
Body material: Polypropylene

ORDER REF. EXAMPLE FOR BIG BORE: U010 B 01 V 1 PP BB

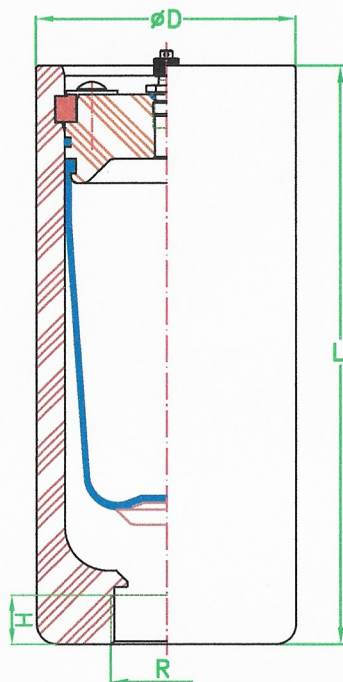
One port 2" BSP Standard Connection
With Big Bore connection port

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

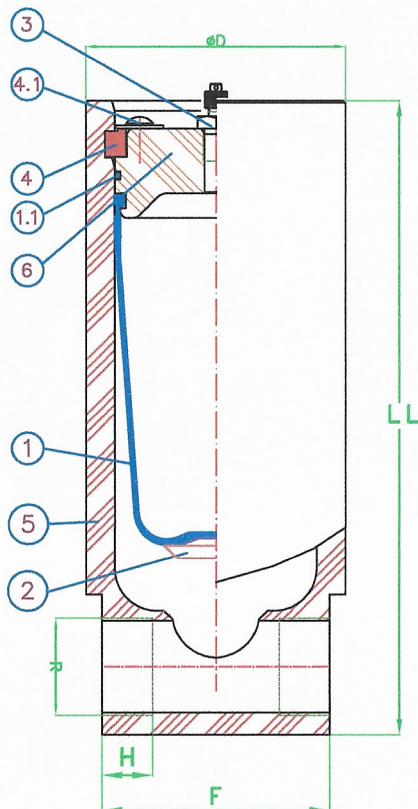
Value of "K": $\frac{\text{Maxi. Pressure}}{\text{Filling gas Pressure}} \leq K (\text{@Constant Temp.})$

MAX. WORKING PRESSURE: 10 BAR-G

SAFETY FACTOR: 5:1



BIG BORE



IN LINE TWO CONNECTION PORTS

H = MAXI. LENGTH OF THREAD CONNECTION

STANDARD BLADDER RUBBERS: N= NBR, B= BUTYL, E= EPDM, V= FKM

WORKING LIMIT TEMPERATURE(°C): (0 to +60°C,)

Note: The precharge at 80% of W.P., can be done with compressed air if it is compatible with the liquid pumped. Use a tire inflating air tool. If need to be charged with N2, use our valve Ref. 004-AI (1/4" BSP) and our charging kit BVXXXA1TM

PULSATION DAMPER REF.	VOLUME	D	F	H	LL	L	R	WEIGHT (Kg)		K
	(litres)	(mm)	(mm)	(mm)		(mm)	(BSP)	two ports	BIG BORE	VALUE
* U015	1.5	130	112.5	25	315	285	1-1/2"	2.3	2.2	3.5
U030	2.6	160	141	30	362	323	2"	4.2	3.8	
* U060	5.60	198	174.5	35	523	468	2-1/2"	8.5	7.7	4
* U100	10.4	250	221	40	578	490	4"	16.4	12	

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

TOLERANCES: External dimentions: ±3mm Volume: ±2.5% Weight: ±4%

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



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Customer

Title SPECIAL PP LOW PRESSURE "IN LINE" BLADDER & BIG BORE PULSATION DAMPERS
FOR SUCTION LINES, PERISTALTICS PUMPS & HIGH VISCOSITY LIQUIDS

Customer Ref.

Drg.No

AV.PP.BP.DP.BB.IN.DOC

Drawn

K.Ventura

Rev.

03

Approved

M.Carcaré

Date

July 2021

Scale

none