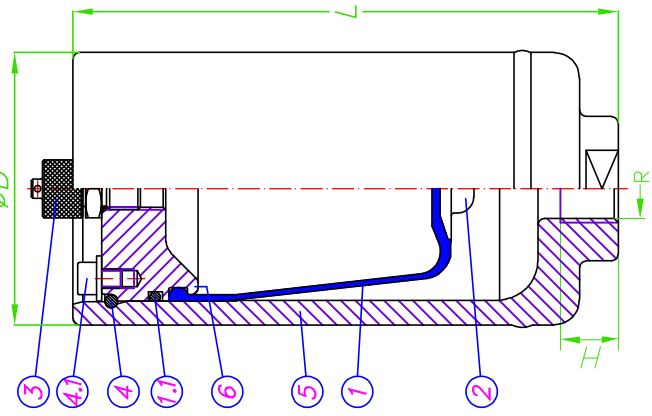


FOR HIGHER PRESSURES, SIZES, MATERIALS AND THREAD CONNECTIONS, PLEASE CONSULT

ORDER EXAMPLE: U007 A12 V 1 AI
 Capacity: 0.65 litres
 A12 \approx 120bar
 V = FKM Rubber Bladder
 3/4" Standard Connection
 Body & insert material: AISI 316L



H = MAXI. LENGTH OF THREAD CONNECTION

Wall thickness acc. to AD-2000 code
 Hydrostatic test pressure @1.5 * Design Pressure @ 20°C

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

(Other Rubbers: Neoprene, Hypalon, HNBR, etc.)

N	B	E	V
+80 -15	+100 -30	+130 -30	+200 -20

Rubbers Max. Working Temperatures (°C)

Working Temperatures versus Working Pressures **
For a temperature of 80°C correspond design pressure x 0.87
" " " 100°C " " " x 0.82
" " " 130°C " " " x 0.78
" " " 200°C " " " x 0.68

TOLERANCES:
 External dimentions: \pm 3%
 Volume: \pm 2.5% Weight: \pm 5%

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

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. BVXXA1TM

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

PULSATION DAMPER REF.	VOLUME (litres)	DESIGN PRESSURE (barg @50°C)	D (mm)	L (mm)	R (BSP)	H (mm)	WEIGHT (Kg)	K VALUE
U000	0.04	260	55	70	3/8"	14	0.8	2.5
U001	0.09						1.0	
U002	0.18	180	70	122	1/2"	16	1.8	3.0
U003	0.36						3.6	
U007	0.65	120	88	205	3/4"	20	3.8	3.5
U010	0.95	110	114	200			25	25
U015	1.50				245	6.8		
U030	2.60	120	140	295	1"	27	10.5	5.0
U040	3.80						386	
U060	5.60	120	167	438	1-1/2"	35	24.0	4.0
U100	10.40	100	217	442	2"		35	46.0
U150	15.00					625		52.5
U250	25.00	270	691	2-1/2"	2-1/2"	70.0	70.0	4.0
6	COVER		1					AISI 316L
5	BODY		1					AISI 316L
4.1	BOLT		2					ISO7380 A4-70
4	RETAINING RING		1					DIN17224 (AISI 316)
3	FILLING N2 VALVE		1					AISI 316L (1/4" BSP)
2	INSERT		1					AISI 316L
1.1	"O" RING		1					NBR, BUTYL, EPDM & FKM
1	BLADDER		1					NBR, BUTYL, EPDM & FKM
No	DENOMINATION	QT.						MATERIALS

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