



Note: Working pressure $\leq 2.5(\text{@Constant Temp.})$
 Filling gas pressure

wall thickness calculation according to AD-2000 & ASME VIII Div.1 code

WORKING TEMPERATURES VERSUS DESIGN PRESSURES	
FOR A TEMPERATURE OF 80°C	CORRESPOND THE DESIGN PRESS. x 0.87
FOR A TEMPERATURE OF 130°C	CORRESPOND THE DESIGN PRESS. x 0.78
BLADDER RUBBER: E=EPDM	
RUBBERS LIMIT WORKING TEMPERATURES (°C)	
E	+130 -30

THE LIMIT WORKING TEMPERATURES VALUES CAN BE REDUCED DEPENDING UPON THE LIQUID IN CONTACT AND TIME OPERATION

PULSATION DAMPER REF.	VOLUME (litres)	DESIGN PRESSURE (Bar @20°C)	D (mm)	L (mm)	R (BSP)	s (mm)	WEIGHT (Kg)
U002	0.18	180	70	142	1/2"	19	1,8

6	GAS COVER	1	AISI 316L
5	BODY	1	AISI 316L
4.1	BOLT	1	ISO 7380 A4-70
4	RETAINING RING	1	DIN17224(AISI 316)
3	CHARGING VALVE	1	AISI 316 (1/4" BSP)
2	INSERT	1	AISI 316L
1.1	'O' RING	1	EPDM
1	BLADDER	1	EPDM
Nº	DENOMINATION	QT. MATERIALS	

TOLERANCES:
 EXTERNAL DIMENTIONS: $\pm 2\%$
 VOLUME: $\pm 1.5\%$ /WEIGHT: $\pm 4\%$

The pulsation damper must be precharged at 0,8 of the working pressure and at the working temperature.

The precharge must be done with N2 or compressed air slowly and with our tool Ref. BVXXXA1TM. The position ought to be vertical: valve ③ on top

Customer	Customer Ref.		Drawn	Approved
	Title		JOAN FONT	E.PONSA
Customer	Title		Rev.	Date
	S.S.MEDIUM PRESSURE PULSATION DAMPER			Scale
Drg.No		14.11.22		
U002A18E1-AI				

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