

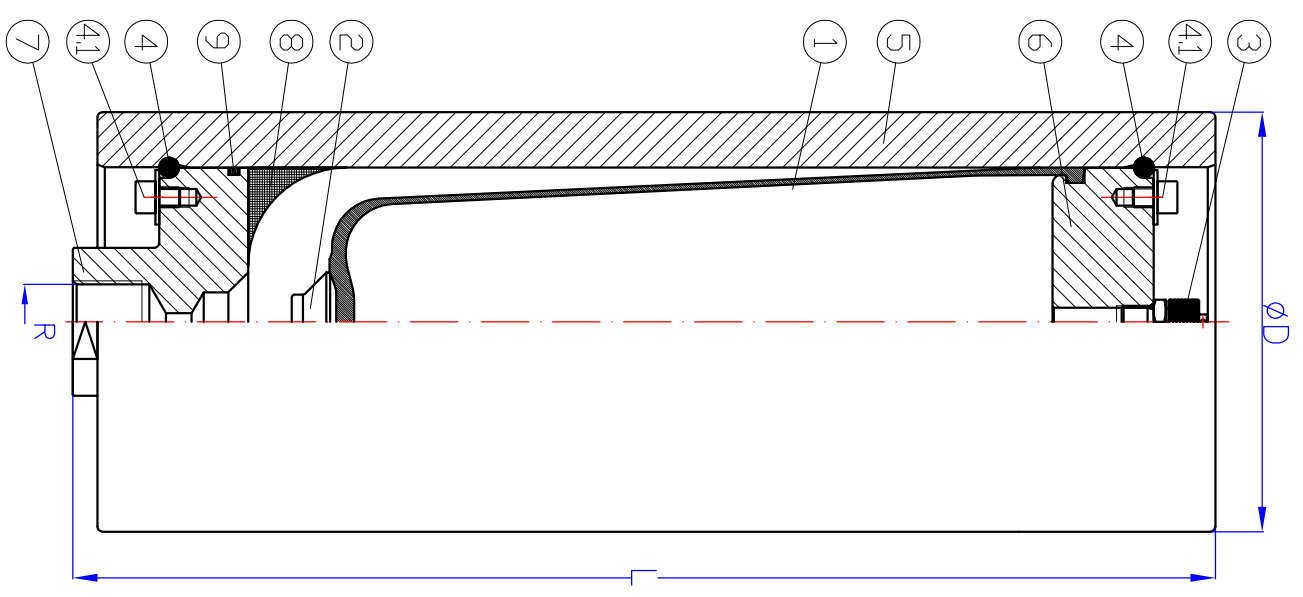
Note: $\frac{\text{Working Pressure}}{\text{Filling gas Pressure}} \leq 5$ (@Constant Temp.)

CHARGING WITH GAS (N2), AND MOUNTING POSITION: VERTICAL, VALVE ③ UP

WORKING TEMPERATURES VERSUS DESIGN PRESSURES	
FOR A TEMPERATURE OF 80°C	CORRESPOND THE DESIGN PRESS. x 0,87
" " " 130°C	" " DESIGN PRESS. x 0,78
BLADDER RUBBER : E=EPDM	E
RUBBERS MAX.WORKING TEMPERATURES (°C)	+130 -30

THE MAX. 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 (NPT)	H (mm)	WEIGHT (Kg)
U040	3,7	340	170	533	1"		40



TOLERANCES:
EXTERNAL DIMENSIONS: ± 2 %
WEIGHT: ± 4 %

9	" O"RING	1	EPDM
8	CORNER	1	EPDM
7	BOTTOM COVER	1	AISI 316L
6	GAS COVER	1	AISI 316L
5	BODY	1	AISI 316L
4.1	BOLT	6	ISO7380 A4-70
4	RETAINING RING	2	DIN17224(AISI 316)
3	CHARGING VALVE	1	AISI 316L(1/4" BSP)
2	INSERT	1	AISI 316L
1	BLADDER	1	EPDM
Nº	DENOMINATION	QT.	MATERIALS

The pulsation damper must be precharged at 0,8 of the working pressure (at the working temperature).
NOTE: the precharge must be done with N2 or compressed air slowly and with the adequate tool.

Customer	Customer Ref.	Drawn	Approved
Title	Customer Ref.	JOAN FONT	
0	Drg.No	Rev.	Date
S.S.HIGH PRESSURE PULSATION DAMPER	U040A36E1-AI 1"NPT		21.03.12
		Scale	