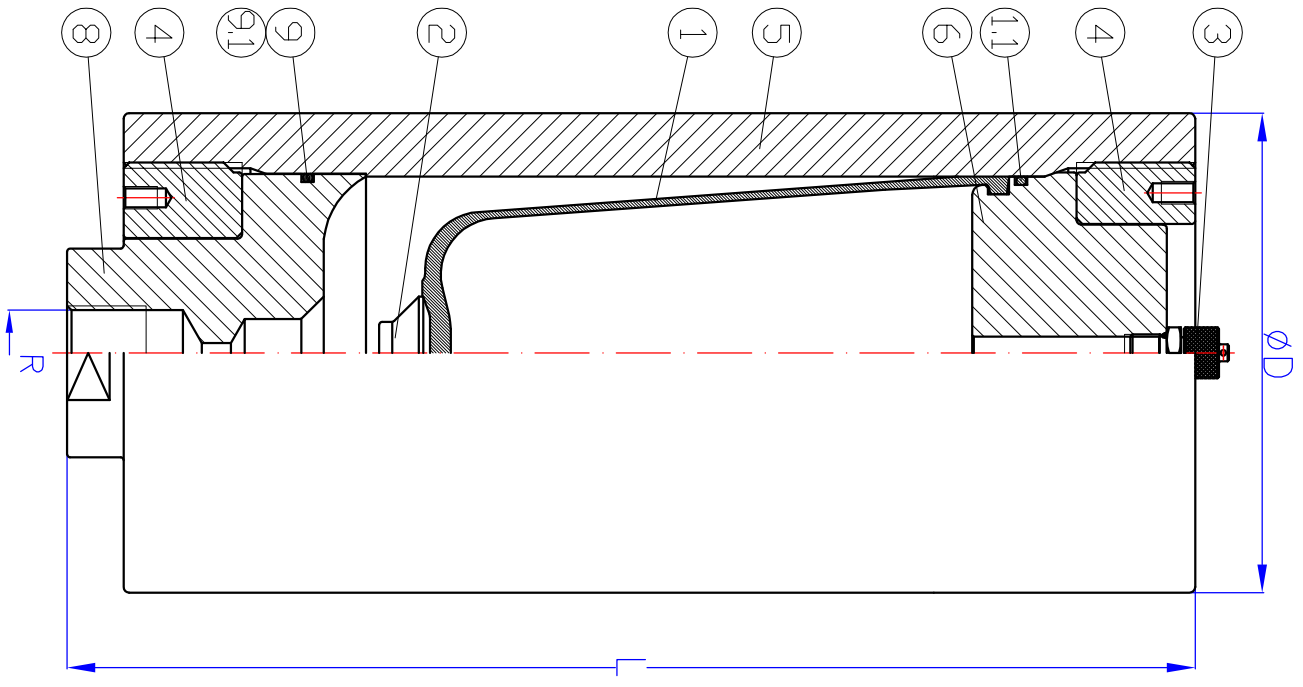


Note:  $\frac{\text{Maxi. Pressure}}{\text{Filling gas Pressure}} \leq 3.5 (\text{@Constant Temp.})$

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	
" "	200°C	" DESIGN PRESS. x	0.68	
BLADDER RUBBER: N=	NBR/E=	EPDM/V=	FKM	
			N	E
			+80	+130
			-15	-30
				+200
				-20
RUBBERS MAX. WORKING TEMPERATURES (°C)				
THE MAX. WORKING TEMPERATURE 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)
U030	2.6	340	170	401	1"	-	35



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

9.1	BUCK UP RING	1	EPDM
9	"O" RING	1	EPDM
8	BOTTOM COVER	1	ANSI 316L
6	GAS COVER	1	ANSI 316L
5	BODY	1	ANSI 316L
4	THREADED RING	2	ANSI 316L
3	CHARGING VALVE	1	ANSI 316L (1/4" BSP)
2	INSERT	1	ANSI 316L
1.1	'O' RING	1	EPDM
1	BLADDER	1	EPDM
Nº	DENOMINATION	QT.	MATERIALS

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. BVXXXXA1TM. The position ought to be vertical: valve ③ on top

Customer	Customer Ref.	Drawn	Approved
Title	Drg.No	<b>JOAN FONT</b>	<b>E.PONSA</b>
<b>S.S.HIGH PRESSURE PULSATION DAMPER</b>	<b>U030A36E1-AI 1"NPT</b>	Rev.	Date
			<b>09.06.15</b>
			Scale