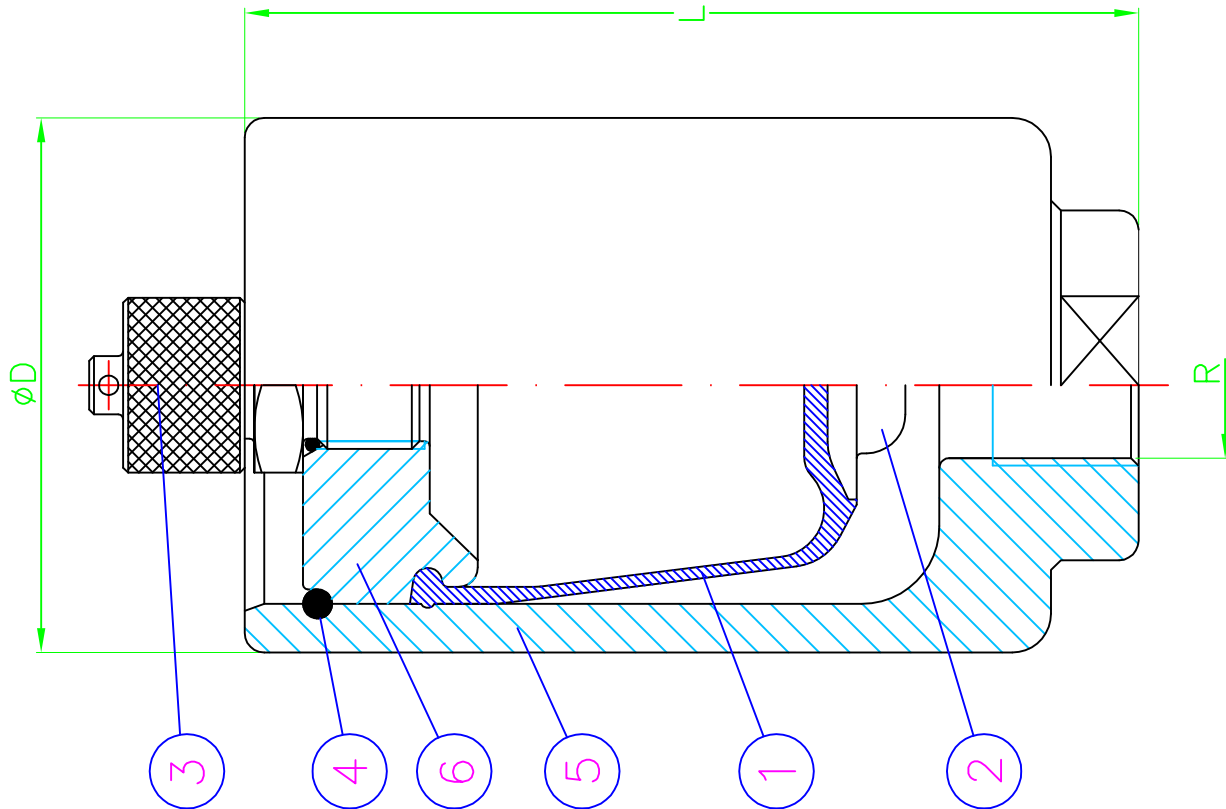


Note: $\frac{\text{Working pressure}}{\text{Filling gas pressure}} \leq 2.5 (@ \text{Constant Temp.})$



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
"	130°C	" DESIGN PRESS. x 0,78
"	200°C	" DESIGN PRESS. x 0,68

BLADDER RUBBER: N=NBR/E=EPDM/V=FKM

RUBBERS LIMIT WORKING TEMPERATURES (°C)	N	E	V
	+80	+130	+200
	-15	-30	-20

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)	H (mm)	WEIGHT (Kg)
U001	0.09	200	55	92	3/8"	-	1.0

6	GAS COVER	1	AISI 316L
5	BODY	1	AISI 316L
4	RETAINING RING	1	DIN17224(AISI 316)
3	CHARGING VALVE	1	AISI 316 (1/4" BSP)
2	INSERT	1	AISI 316L
1	BLADDER	1	FKM
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. BVXXXA1TM. The position ought to be vertical: valve ③ on top

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

<p>HIDRACAR SA 08295 S.VTE. CASTELLET (BARCELONA) SPAIN TEL.34.93.8330252 FAX.34.93.8331950</p>	Customer	Customer Ref.	Approved
	Title	JOAN FONT	E.PONSA
	S.S.MED. PRESSURE PULSATION DAMPER	U001A20V1 -AI	Date
		Rev.	Scale
			20.07.16