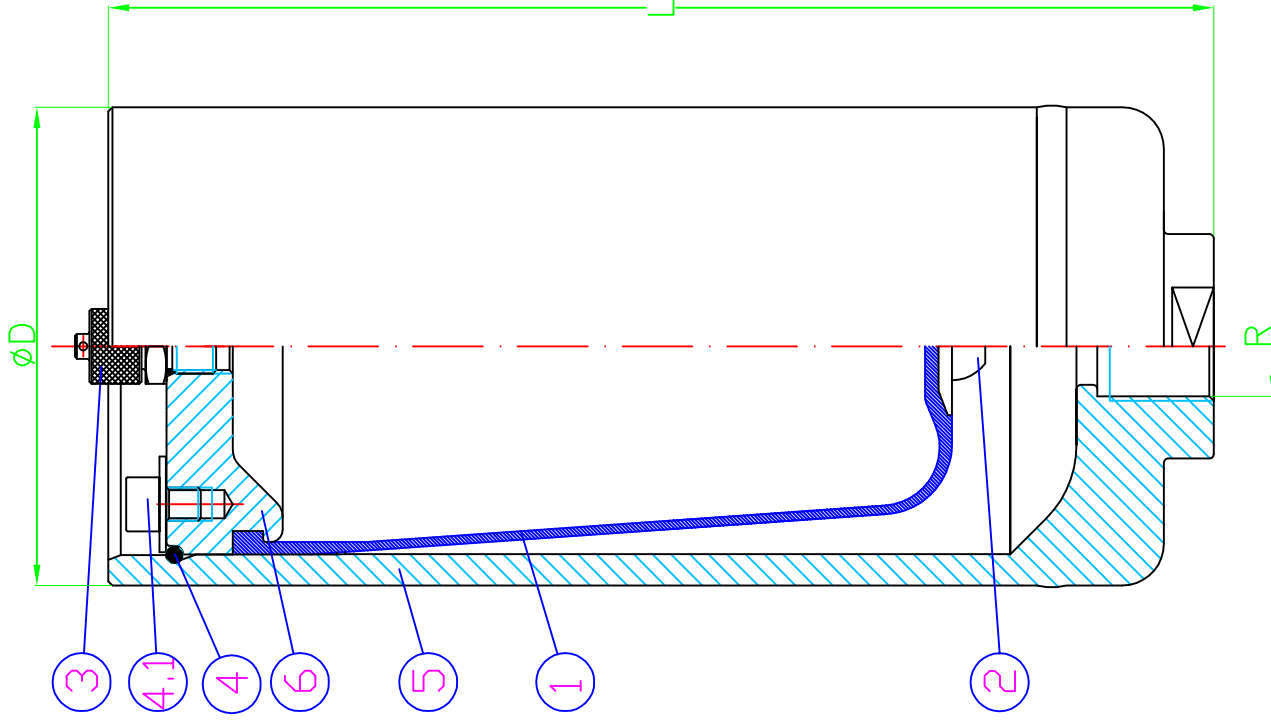


Note: $\frac{\text{Working Pressure}}{\text{Inflate gas Pressure}} \leq 3.5 (@\text{Constant Temp.})$



wall thickness calculation according to AD 2000 code

BLADDER RUBBER : N=NBR			N
RUBBERS LIMIT WORKING TEMPERATURES (°C)			+80 -15

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)	WEIGHT (Kg)	H (mm)
U015	1.5	200	115	266	3/4"	8	-

Note: The Ref U015A20N1-AC substituted the old Ref U015A25N10

6	GAS COVER	1	S355J2
5	BODY	1	E355
4.1	BOLT	3	A2-70 ISO7380
4	RETAINING RING	1	DIN17224(AISI 316)
3	CHARGING VALVE	1	F-1140 (1/4" BSP)
2	INSERT	1	S355J2
1	BLADDER	1	NBR
Nº	DENOMINATION	QT.	MATERIALS

TOLERANCES:
EXTERNAL DIMENSIONS: ±2 %
VOLUME: + 1.5% /WEIGHT: ±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. BXXXXA1TM. The position ought to be vertical: valve ③ on top

<p>HIDRACAR SA 08295 S.VTE. CASTELLET (BARCELONA) SPAIN TEL.34.93.8330252 FAX.34.93.8331950</p>	Customer	Customer Ref.	Drawn	Approved
	Title CARBON STEEL MEDIUM PRESSURE PULSATION DAMPER	Drg.No U015A20N1-AC	JOAN FONT	E.PONSA
			Rev.	Date
				Scale
				07.11.16