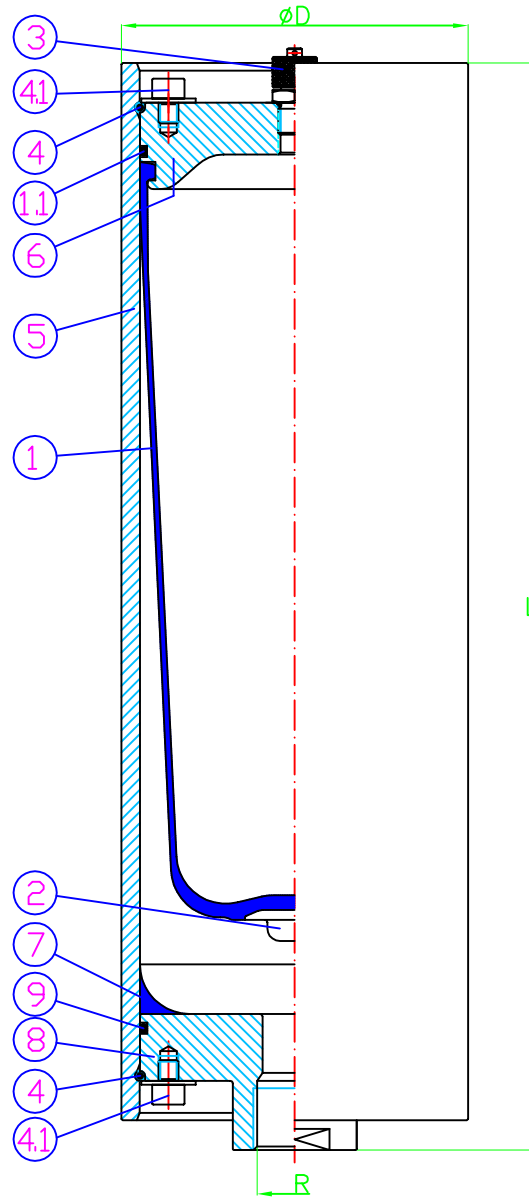




Note: $\frac{\text{Working pressure}}{\text{Filling gas pressure}} \leq 5$ (@Constant Temp.)

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	0.75
BLADDER RUBBER :			V
RUBBERS MAX.WORKING TEMPERATURES (°C)			+150 -20

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 (BSP)	H (mm)	WEIGHT (Kg)
U040	3.8	110	140	440	1"	-	13

9	'O' RING	1	FKM
8	BOTTOM COVER	1	SUPERDUPLEX
7	CORNER	1	FKM
6	GAS COVER	1	AISI 316L
5	BODY	1	SUPERDUPLEX
4.1	BOLT	4	ISO7380 A2-70
4	RETAINING RING	2	DIN17224(AISI 316)
3	CHARGING VALVE	1	AISI 316L (1/4" BSP)
2	INSERT	1	DUPLEX
1.1	'O' RING	1	FKM
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 DIMENSIONS: ±2 %
WEIGHT: ±4 %



HIDRACAR SA
08243 MANRESA
(BARCELONA) SPAIN
TEL.34.93.8330252 FAX.34.93.8331950

Customer

Title

S.DUPLEX MEDIUM PRESSURE PULSATION DAMPER

Customer Ref.

Drg.No U040A11V1-SD

Drawn

JOAN FONT

Rev.

Approved

E.PONSA

Date

02.02.18

Scale