FOR HIGHER PRESSURES, TEMPERATURES AND OTHERS PORTS CONNECTIONS PLEASE CONSULT **

WORKING TEMPERATURE VERSUS WORKING PRESSURES
FOR A TEMPERATURE OF 90°C CORRESPOND THE M.W.PRESSURE x0,82

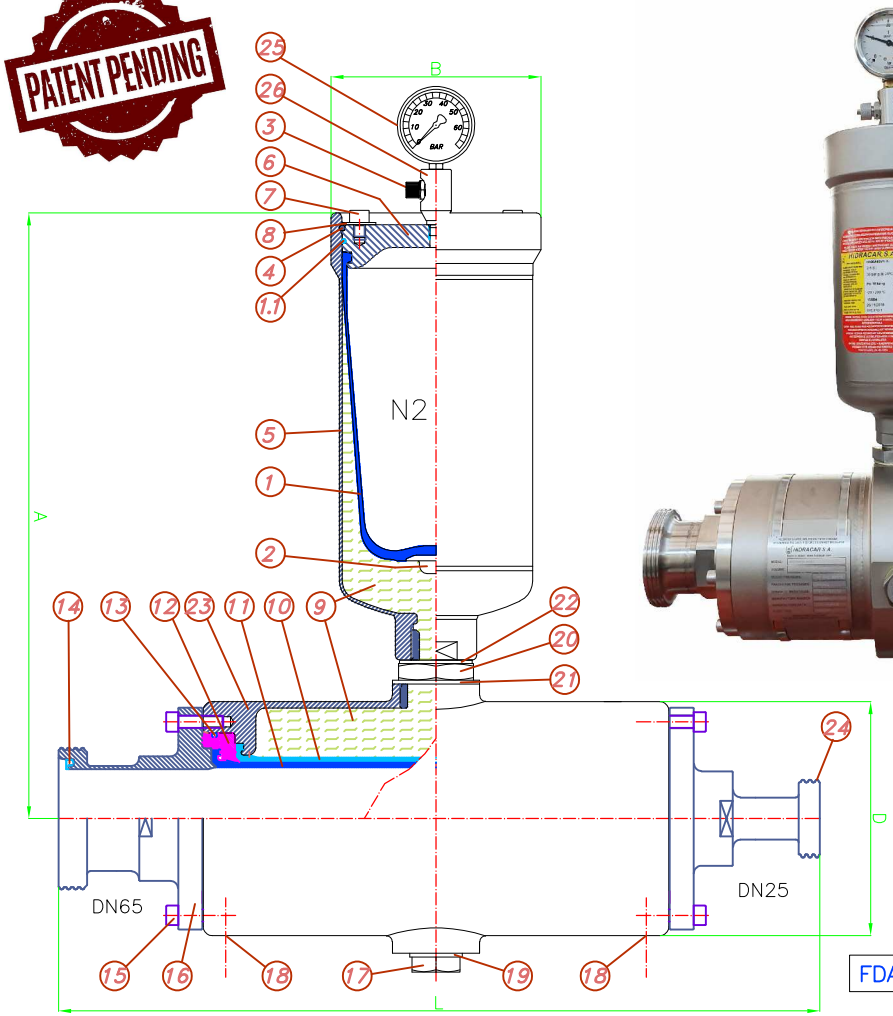
MAXI. TEMPERATURE: 90°CIF CLOSED LIQUID (9) IS WATER AND N2 FILLING PRESSURE >2 BAR

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

PATENT PENDING

wall thickness calculation according to EN 14359 code & ASME ("U" STAMP AVAILABLE)

Hydrostatic test pressure @ 1.5 * Design pressure @ 20°C



TOLERANCES:
DIMENTIONS: ± 2 %

FDA EPDM & Silicone rubber

TEST PRESSURE FOR (23) = 105 bar

TEST PRESSURE FOR (5) = MAWP PRESSURE X1.5

TUBS SHELL REFERENCE	M.W. PRESSURE At 20°C **	D (mm)	L (mm) *	A (mm)	B (mm)	BLADDER PULSATION DAMPER REF.
L002A07(#)2AI–DN25	50	148	513	313	88	U007
L002A07(#)2AI–DN32	40			361	113	U015
L002A07(#)2AI–DN40	30			410	140	U030
L002A07(#)2AI–DN50	40			525	167	U060
L002A07(#)2AI–DN65	30			537	217	U100

(E)= For EPDM rubber TUBE; (S)= For Silicone rubber TUBE

* This dimention can be variable according the connection type

Nº	DENOMINATION	QT.	MATERIALS
26	"T" ADAPTOR	1	AISI 316
25	PRESSURE GAUGE	1	AISI 304
24	PORT CONNECTIONS	2	DIN 11851 *
23	IN LINE BODY	1	AISI 316L
22	SEAL WASHER	1	AISI 316L
21	SEAL WASHER	1	AISI 316L
20	ADAPTOR	1	AISI 316L
19	SEAL WASHER	1	AISI 316L
18	PORTS 1/4 NPT FOR RUBBER	2	TUBES RUPTURE DETECTORS
17	PLUG	1	AISI 316L
16	FLANGE CONNECTIONS	2	AISI 316L DIN 11851
15	RETAINING BOLTS	20	AISI 316L
14	SEALING CONNEXION	2	EPDM OR SILICONE
13	O– RING	2	EPDM OR SILICONE
12	SUPORTING RING	2	AISI 316L
11	INTERNAL RUBBER TUBE	1	EPDM OR SILICONE
10	EXTERNAL RUBBER TUBE	1	EPDM OR SILICONE
9	ASEPTIC LIQUID ACCORDING CUSTOMER SPECIFICATIONS		
8	GASKET	1	AISI 316L
7	BOLT	1	AISI 316L
6	COVER	1	AISI 316L
5	BODY TOP DAMPENER	1	AISI 316L
4	RETAINING RING	1	DIN17224 (AISI 316)
3	CHARGING GAS VALVE	1	AISI 316L (1/4"BSP)
2	INSERT	1	AISI 316L
1.1	O– RING	1	EPDM
1	BLADDER DAMPENER	1	EPDM

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Aplication: FOOD & PHARMACEUTICAL CIRCUITS

Title: S.S.LOW PRESSURE PULSATION DAMPERS WITH IN LINE RUBBER TUBES

Drawn	Approved
	M.Carcaré

Rev.	Date	Scale
05.09.19 02	05.09.19	—