

FOR HIGHER PRESSURES, TEMPERATURES AND OTHER PORT CONNECTIONS PLEASE CONSULT **

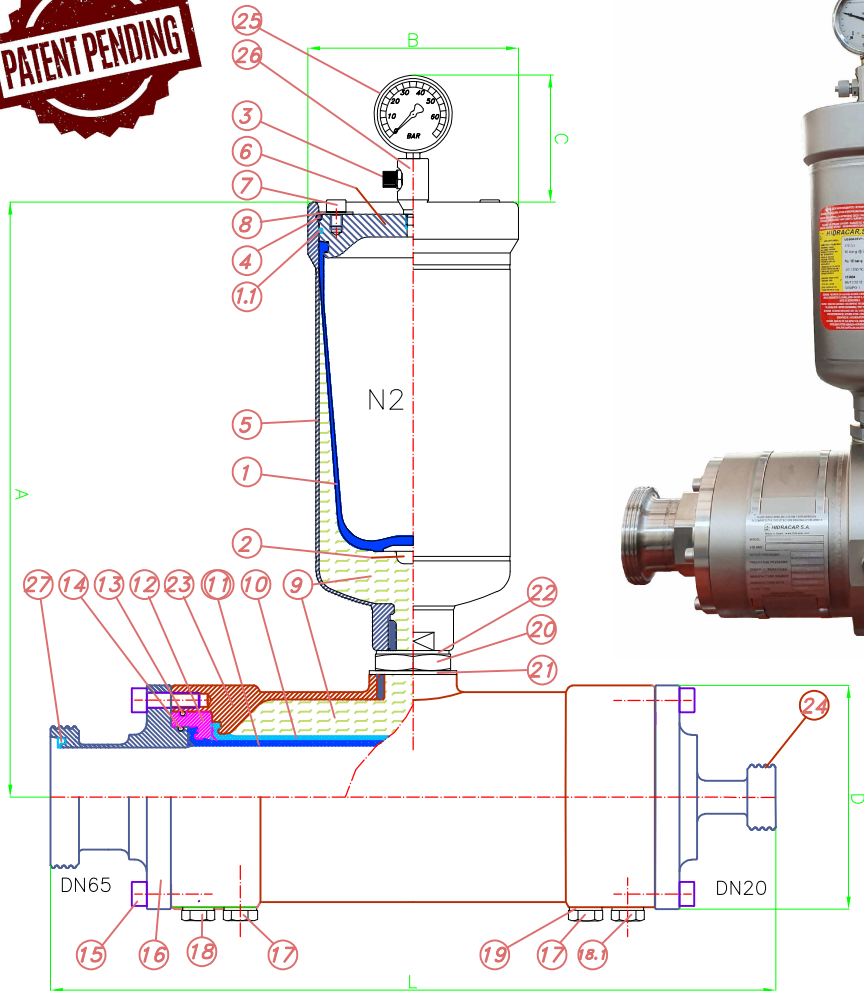
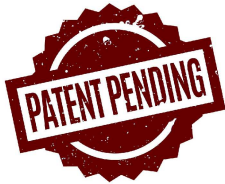
WORKING TEMPERATURES VERSUS WORKING PRESSURES
FOR A TEMPERATURE OF 90°C CORRESPOND THE M.W.PRESSURE 0,82

TEST PRESSURE MAX.W.P. PRESSURE X1.5

MAXI. TEMPERATURE: 90°C IF CLOSED LIQUID ⑨ IS WATER AND N2 FILLING PRESSURE >2 BAR

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

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



TOLERANCES:
DIMENSIONS: ±2%

IN LINE SHELL REFERENCE	M.W. PRESSURE At 20°C **	D (mm)	L (mm) *	A (mm)	B (mm)	C (mm)	BLADDER DAMPER REF.	②⑥ REF.
L002A04(#)2AI-(+)-DN20	40	104	348.5	290	88	127	U007	BT
L002A04(#)2AI-(+)-DN25				287	113		U010	
L002A04(#)2AI-(+)-DN32				332	113		U015	
L004A07(#)2AI-(+)-DN40	30	149	482.5	410	140	156	U030	BT-XL
L004A07(#)2AI-(+)-DN50	40			525	167		U060	
L004A07(#)2AI-(+)-DN65	30			537	217		U100	

(E)= For EPDM rubber hose; (S)= For Silicone rubber hose
* This dimension can be variable according the connection type
+ (DT)= For double rubber hose; (ST)= For Single rubber hose

27	DIN-11851 GASKET 1"	2	EPDM FDA
26	"T" ADAPTOR	1	AISI 316
25	PRESSURE GAUGE	1	AISI 304
24	PORT CONNECTIONS	2	DIN-11851
23	IN LINE SHELL	1	AISI 316L
22	SEAL WASHER	1	AISI 316L
21	SEAL WASHER	1	AISI 316L
20	ADAPTOR	1	AISI 316L
19.1	SEAL WASHER	1	AISI 316L
19	SEAL WASHER	2	AISI 316L
18.1	PLUG 1/4" BSP PORT CONNECTION	1	AISI316 FOR ELECTRONIC SENSOR
18	WINDOWS PORT	1	FOR VISUAL HOSE RUPTURE
17	FILLING PLUG 1/4"BSP	2	AISI 316L
16	FLANGE CONNECTIONS	2	AISI 316L
15	RETAINING BOLTS	16	AISI 316L
14	O- RING	2	EPDM FDA
13	O- RING	2	EPDM FDA
12	SUPPORTING RING	2	AISI 316L
11	INTERNAL RUBBER HOSE	1	EPDM or SILICONE FDA
10	EXTERNAL RUBBER HOSE	1	EPDM or SILICONE FDA
9	SILICONE OIL (FDA) OR DESTILATED WATER		
8	WASHER	1	AISI 316L
7	BOLT	1	AISI 316L
6	COVER	1	AISI 316L
5	BODY TOP BLADDER 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	DAMPENER BLADDER	1	EPDM or SILICONE FDA
N ^o	DENOMINATION	QT.	MATERIALS



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Application: FOOD & PHARMACEUTICAL CIRCUITS

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

Drawn	Approved	
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Rev.	Date	Scale
30.11.19	02.12.19	—
03		