

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

WORKING TEMPERATURES VERSUS WORKING PRESSURES
FOR A W.TEMPERATURE OF 90°C CORRESPOND THE M.W.PRESSURE x0,85

CHARGING WITH GAS (DRY N2) OR COMPRESSED PURIFIED AIR

TEST PRESSURE(@ 20°C)= DESIGN PRESSURE X1.5

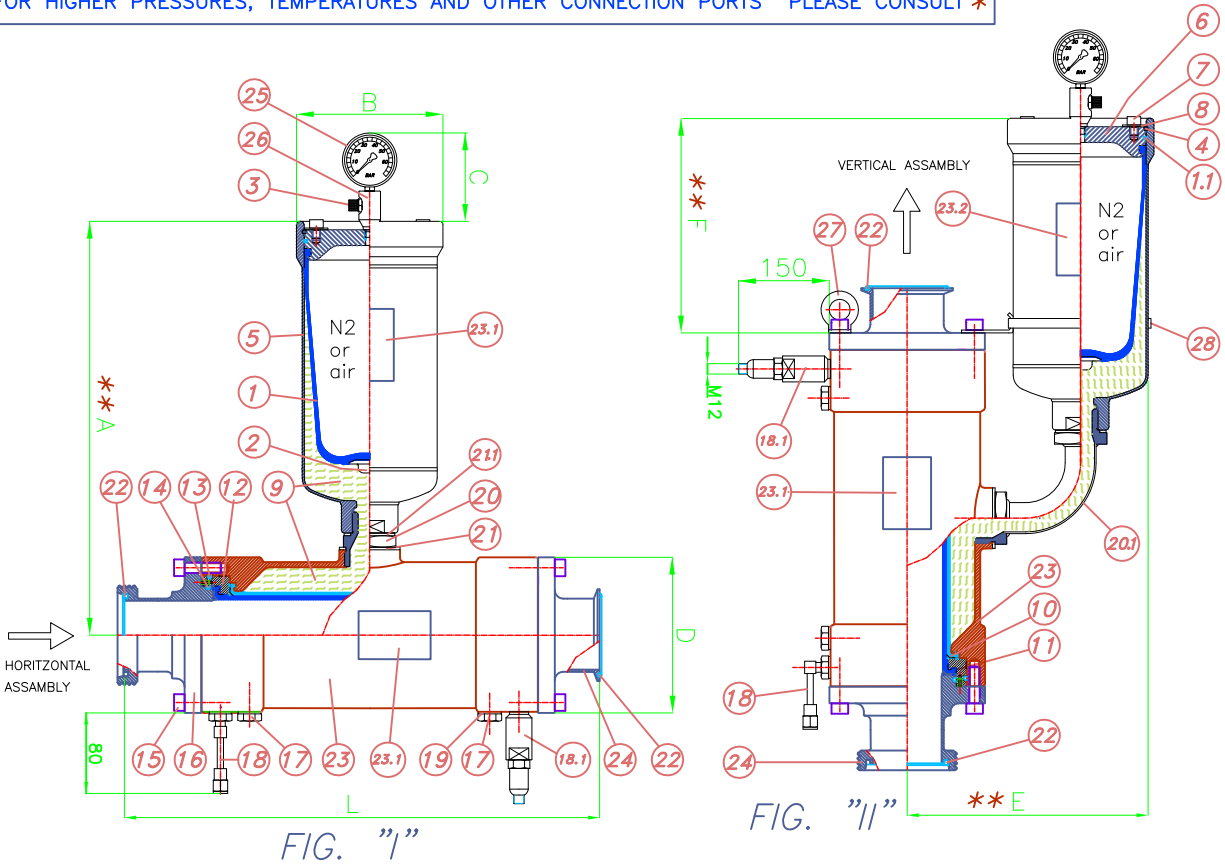
MAXI. W.TEMPERATURE: 90°C IF CLOSED LIQUID (9) IS WATER AND GAS FILLING PRESSURE >2 BAR

** Depending on the circuit data, this size can be different

FOR HIGHER PRESSURES, TEMPERATURES AND OTHER CONNECTION PORTS PLEASE CONSULT *

IN LINE PULSATION TRANSMITTER REF.	CONNECTION PORTS		Bladder Damp. DESIGN PRESSURE (Bar) ⊕ 20°C *	D (mm)	L(mm)		A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	WEIGHT(Kg)		BLADDER DAMPER REF. **
	DIN11864-1	ISO1127			DIN	ISO						FIG.I	FIG.II	
L001A05(#)2AI-DT-	DN15/DN25		50	84	286	293	240	85	127					U007
L002A06(#)2AI-DT-	DN32/DN40	DN25/DN32	40	101	352	343	332	112	127					U015
L004A07(#)2AI-DT-	DN50/DN65		30	149	442	421	532	170	127					U060

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



We reserve the right to change without notice

28	BLADDER DAMPENER SUPPORT	1	AISI 303
27	HANG EYEBOLT	1	AISI 303
26	"T" ADAPTOR	1	AISI 303
25	PRESSURE GAUGE	1	AISI 304
24	PORTS CONNECTION	2	DIN-11851
23.2	IDENTIFICATION LABEL	1	ADHESIVE PLASTIC
23.1	WELD NAMEPLATE	1	AISI 316L
23	IN LINE SHELL	1	AISI 316L
22	DIN-11851 or ISO-1127 Seal	2	EPDM or SILICONE (FDA)
21.1	SEAL WASHER	1	AISI 316L
21	SEAL WASHER	1	AISI 316L
20.1	BENDED TUB ADAPTOR	1	AISI 316L
20	ADAPTOR	1	AISI 316L
19	SEAL WASHER	4	AISI 316L
18.1	PLUG 1/4" BSP PORT CONNECTION	1	AISI316 FOR ELECTRONIC SENSOR
18	WINDOWS TUBE	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 or SILICONE (FDA)
13	O- RING	2	EPDM or SILICONE (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	AISI 316
3	CHARGING GAS VALVE	1	AISI 316L (1/4"BSP or Vg8)
2	INSERT	1	AISI 316L
1.1	O- RING	1	EPDM
1	DAMPENER BLADDER	1	EPDM or SILICONE (FDA)
Nº	DENOMINATION	QT.	MATERIALS

DIMENSION TOLERANCES: ±3mm

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Application: FOOD, BEVERAGE & PHARMACEUTICAL CIRCUITS
Title: S.S.LOW PRESSURE PULSATION DAMPERS WITH IN LINE RUBBER HOSES

Drawn	Approved
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14	02.12.19 —