

**HIDRACAR S.A.**Pol.Ind.Bufovent C/Ramon Farguell 73-77
08243 Manresa (Barcelona)- SpainT. +34 938 330 252
hidracar@hidracar.com
www.hidracar.com**DATA SHEET**PLASTIC LOW PRESSURE PULSATION
DAMPER WITH IN LINE RUBBER HOSE

REFERENCE:

AL.PL.BP.IN-LINE.IN.DOC

REV:

01

DATE:

NOV-24

DRAWN

P.BASCOMPTA

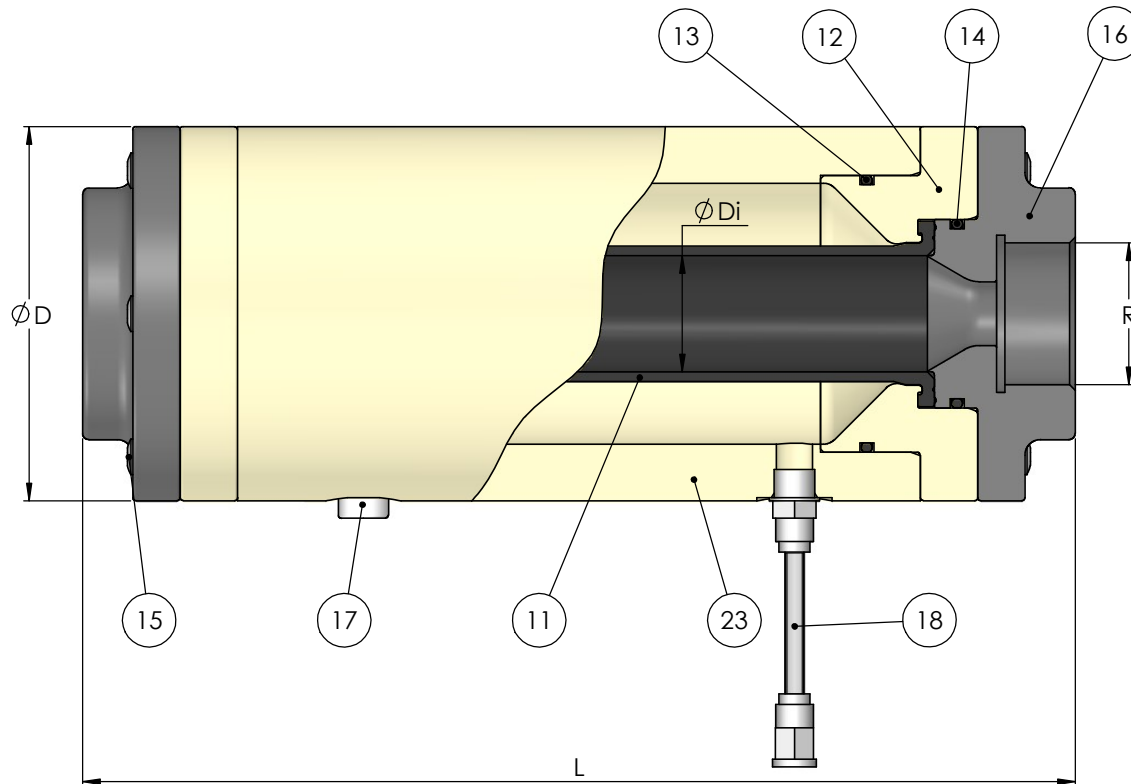
APPROVED

E.CORTINA

The In-Line hygienic dampener is the ideal solution for dosing circuits in the food and pharmaceutical industries, as well as for managing high-frequency pressure peaks. This device operates with air at atmospheric pressure, making it particularly effective for suction pump lines.

* This dimension can be variable according the connection type.

TOLERANCES: External dimentions: $\pm 3\%$ Volume: $\pm 2.5\%$ Weight: $\pm 5\%$



Wall thickness acc. to EN14359 code
Hydrostatic test pressure @ 1.43 x Design pressure @ 20°C

FOR HIGHER PRESSURES, TEMPERATURES AND OTHER CONNECTIONS PORTS, PLEASE CONSULT.

IN LINE PULSATION TRANSMITTER REF.	CONNECTION PORTS	D (mm)	Di (mm)	L* (mm)	Vo (c.c)	R (BSP)
L001A01X2PL/ST	DN15/DN20			23.4	DEVELOPING	3/4"
L002A01X2PL/ST	DN25	120	37	319.5	745	1"
L002A01X2PL/ST	DN32					1-1/2"
L004A01X2PL/ST	DN40	160	68.5	440.5	1700	2"
L004A01X2PL/ST	DN50					2-1/2"
L004A01X2PL/ST	DN65					3"
L005A01X2PL/ST	DEVELOPING		102	DEVELOPING		
L006A01X2PL/ST			122	DEVELOPING		

REFERENCE CODE IDENTIFICATION

Rubber Hose X = E (EPDM) or S (SILICONE)

MAXI. WORKING. TEMPERATURE: 60°C

MAXI. DESIGN PRESSURE : 10 barg @ 20°C
MAXI. WORKING PRESSURE: 4 barg @ 20°C

Nº	ITEM	QT.	MATERIAL
11	INTERNAL RUBBER HOSE	1	EPDM or SILICONE (FDA)
12	SUPPORTING RING	2	POLYPROPYLENE
13	O-RING	2	EPDM or SILICONE (FDA)
14	O-RING	2	EPDM or SILICONE (FDA)
15	RETAINING BOLTS	12	AISI 316L
16	FLANGE CONNECTIONS	2	PVC,PP or PVDF
17	FILLING PLUG 1/4" BSP	2	AISI 316L
18	WINDOWS TUBE	1	FOR VISUAL HOSE RUPTURE
23	IN LINE SHELL	1	POLYPROPYLENE