SHOCK ABSORBER SERIES DDV – CE

STEEL / 100–5000 L / 40 BAR

OLD 0457

Drinking water / Industrial water

Construction
Welded shell in clean steel plate all side to sand-blast, internal and external rust protection with different paint protective coats. Inside painted 320 µm, outside painted standard RAL 5015. Sieve plate, connection / connecting flange in stainless steel.
Butyl bladder, food quality with certificate DVGW.
Other bladder materials, RAL-paints, complete execution in stainless steel on request.

System
The liquid circulates **in** the bladder and is only in contact with the bladder and flange connection.

Working pressure
40 bar

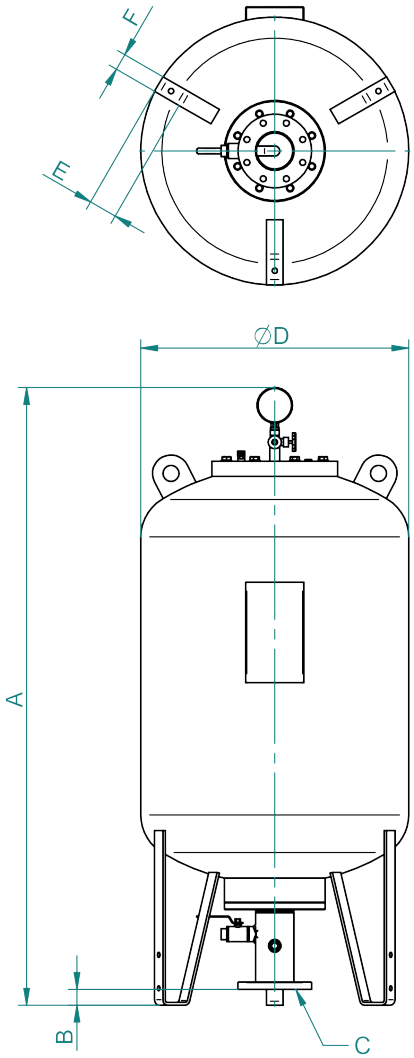
Precharge pressure P0
According to calculation ORELL Tec AG.

Temperature range
Standard execution 0 °C to +80 °C.
Other ranges on request.

Pressure liquids
Water
Other liquids should be specified with the order.

Mounting / mounting instruction
Vertical on 3 legs.
Leave a free space of 1000 mm over the manhole for removal and installation of the bladder.

Accessories
LED Water Level Display see data sheet OLD 1120 in chapter 11 "Accessories".



Type	Gasvol. V0 liter	Weight kg	Dimensions in mm				Possible connections C in PN 40	Size B
			A	D	E	F		
DDV 100 – 40 / 90	108	126	1385	510	54	70	DN 50 / DN 80 / DN 100	B = 35 – 45 mm
DDV 200 – 40 / 90	205	200	1905	510	54	70	DN 50 / DN 80 / DN 100	B = 35 – 45 mm
DDV 300 – 40 / 90	313	247	1996	600	54	70	DN 80 / DN 100 / DN 125 / DN 150	B = 35 – 45 mm
DDV 500 – 40 / 90	525	377	1971	800	54	70	DN 80 / DN 100 / DN 125 / DN 150	B = 35 – 45 mm
DDV 750 – 40 / 90	778	548	2185	900	100	100	DN 80 / DN 100 / DN 125 / DN 150	B = 35 – 45 mm
DDV 1000 – 40 / 90	1024	473	2592	900	100	100	DN 80 / DN 100 / DN 125 / DN 150	B = 35 – 45 mm
DDV 1500 – 40 / 90*	1568	1074	2655	1100	100	100	DN 150 / DN 200 / DN 250	B = 35 – 45 mm
DDV 2000 – 40 / 90*	2055	1309	3195	1100	100	100	DN 150 / DN 200 / DN 250	B = 35 – 45 mm
DDV 3000 – 40 / 90*	3070	1847	3425	1300	100	100	DN 150 / DN 200 / DN 250	B = 35 – 45 mm
DDV 4000 – 40 / 90*	4078	2423	3442	1500	150	150	DN 150 / DN 200 / DN 250	B = 35 – 45 mm
DDV 5000 – 40 / 90*	5055	2857	4022	1500	150	150	DN 150 / DN 200 / DN 250	B = 35 – 45 mm

*with lateral nitrogen line

According to the directive PED 2014/68/EC, with CE marking.
Manufacturing tolerances not taken into account.

Other approvals on request.
Subject to change without prior notice.