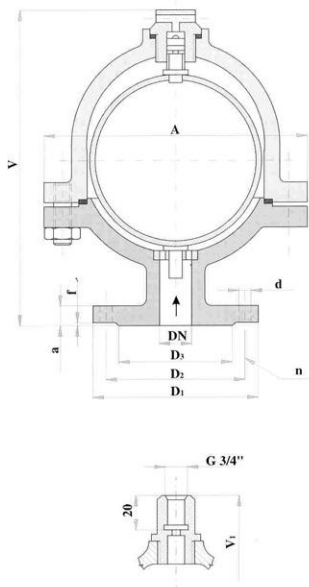


Air-release valve

Float, ball shaped

D 62 017-540

PN 40



Application

Valve intended as self-acting air-release valve for non-aggressive liquids up to PN 40 and temperatures up to 200°C.

Temperature [°C]	Pressure [MPa]
200	4,0

Technical description

Easily movable float provided with a disc in the top is placed in a two-piece ball-shaped body. The disc closes or opens seat port during rising or lowering of the float. If the liquid enters the deaerator body, the float rises and the disc closes the seat. If during service air or gasses accumulate in the body, liquid surface with float and disc lower and thus passage through seat releases and the valve deaerates.

Connecting dimensions

Basic connecting dimensions are given in the table below.

Material

Top and bottom body part	cast steel (422647)
Float	carbon steel (11 373)
Float surface	copper plated
Top and bottom float pin	stainless steel (cl. 17)
Screw coupling	stainless steel (cl. 17)
Flat sealing	asbestos-free

Installation

The valve is installed piping with the valve axis vertical and in such a place in the piping where there is the biggest possibility of air and gas accumulation. The piping must be free of all impurities before valve installation.

DN	V	V ₁	D ₁	D ₂	D ₃	A	a	f	d	n	kg
25	260	280	115	85	68	230	18	2	14	4	5,6