

Air release valve
single orifice

PN10
PN16

WATER



Relieve and aeration valve DN100

Product description (standard execution):

- Circumferential ball sealing
- Control cork allows flushing without disassembling of the bonnet
- Minimum operating pressure equal to atmospheric pressure
- Fully EPDM vulcanized aluminum ball (AlSi)
- Threaded vent bonnet hole
- Body bonnet made of ductile cast iron EN-GJS 400-15; EN 1560
- Stainless steel A2 body bonnet screws
- Epoxy coating minimum 250 microns according to EN 14901
- Product according to EN 1074-4
- Flange connection and connector according EN 1092-2 (DIN2501) or threaded according EN ISO 228-1 pressure PN10, PN16
- Product marking according to: EN 19; EN 1074

Application:

Air release valve intended for use at water lines - for air release and aeration of the pipelines. Working conditions: temp. up +70°C

Installation:

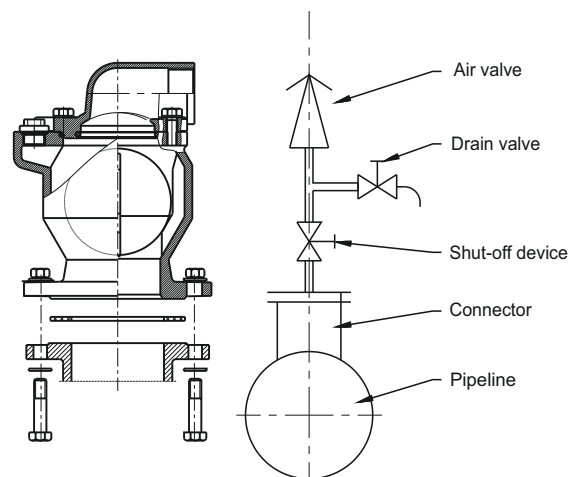
Recommended to mount in vertical position at highest / at the point of inflection of the pipeline

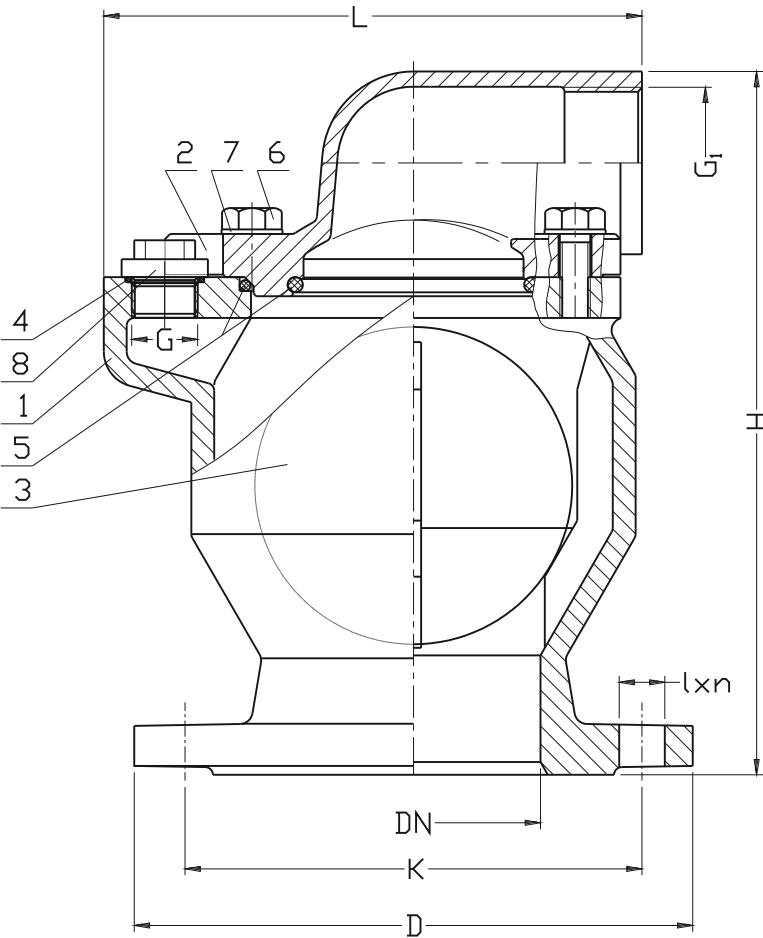
Test control:

Water pressure test according to EN 1074-1; EN 1074-2; EN 12266-1

Seat: 1,1 xPN

Body: 1,5 x PN





No.	Part	Standard execution
1	Body	Ductile cast iron EN-GJS 400-15 EN 1560
2	Bonnet	Ductile cast iron EN-GJS 400-15 EN 1560
3	Vulcanized ball	Aluminium AISi EN 1706 Rubber EPDM or NBR(*) EN-ISO 1629
4	Sealing ring	Rubber EPDM or NBR(*) EN-ISO 1629
5	Sealing ring	Rubber EPDM or NBR(*) EN-ISO 1629
6	Screw	Stainless steel A2 EN ISO 4017
7	Washer	Stainless steel A2 EN ISO 7091
8	Cork	Brass CW617N EN 1412
(*) - other material variants on special request		

DN	H	L	D	K	l x n	G	G ₁	Weight
[mm]						[cal]		[kg]
50/GW2"	187	156	165	125	19x4	3/4"	5/4"	7
80	242	195	200	160	19x8(4)*	3/4"	2"	14
100	319	195	220	180	19x8	3/4"	2"	18
150	350	265	285	240	23x8	3/4"	3"	33
200	350	270	340	295	23x8(12)*	3/4"	3"	34