



Air - inlet - relief valve

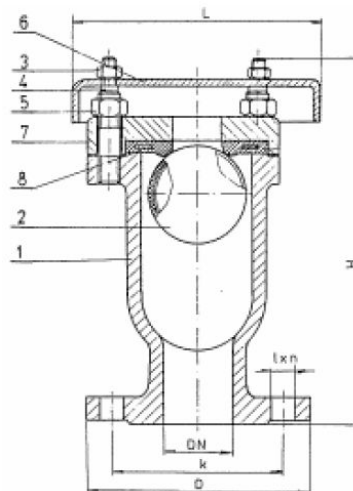
or water and drinking water

2/351

PN 10 / 16

Application and design

The automatic inlet - relief valve allows exit of air in the course of filling and entrance of air during emptying as soon as the pressure in the pipe line has become lower than the atmospheric pressure. A trouble - free operation of the pipe line is thereby secured. An elimination of separated air which was dissolved in water, is not possible with this design. The functioning is self - acting on the principle of ball buoyancy and pressure difference between pipe line interior and atmosphere. The automatic inlet - relief valve is located at the highest pipe bend.



Materials		
Pos.	acc. DIN	comparable to BS
1	GG 25	1452 : 1956 Grade 17
2	RSt 37 gal Zn + Perburan	970 : 1955 EN 3 D gal Zn + Perburan
2	X15 Cr15	420 S 29
3	St37 K gal Zn	970 : 1955 EN 3D gal Zn
4	St37 1 < gal Zn	970 : 1955 EN 3D gal Zn
5	St37 K gal Zn	970 : 1955 EN 3D gal Zn
6	GG 25	1452 : 1956 Grade 17
7	GG 25	1452 : 1956 Grade 17
8	Perburan	Perburan

Dimensions								
DN	H	L	D	k	l	n	D	[kg]
50	260	180	165	125	18	4	35	14
80	294	230	200	160	18	8 (4)	56	20
100	353	280	220	180	18	8	80	35
150	412	380	285	240	23	8	110	70
200	580	450	340	295	23	8	165	20
n - number of holes								

Rating and test pressure

DN	PN	Flanges DIN 2501	Test pressure		max. working pressure at 80°C [bar]
			body	losed	
50	10	10	16	10	10
80 - 100	10 / 16	10	10 / 12	10 / 12	10 / 16