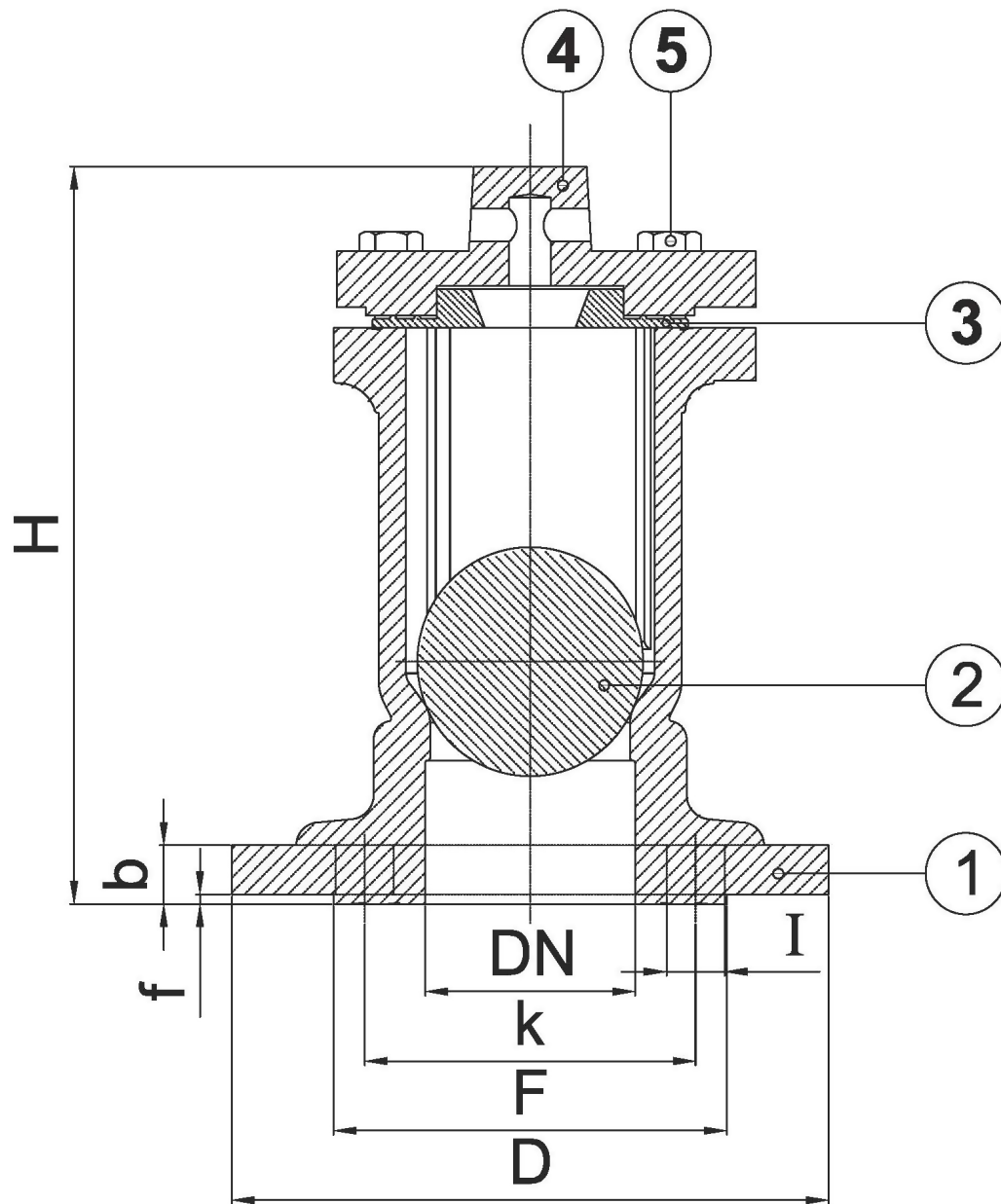


A Single Air Valve sometimes referred to as a "small orifice" valve, will continuously release accumulated air during system operation. As air from the pipeline enters the valve, it displaces the water, allowing the float to drop. The air is then released into the atmosphere through a small orifice. As the air is vented it is replaced. An added benefit of an Air/Vacuum Valve is its ability to provide pipeline vacuum protection. If a negative pressure develops, the air release valve will open, admitting air into the line, reducing the potential for surges related to column separation and possible pipeline collapse.



FLANGE CONNECTION DIMENSIONS PN10, PN16

DN Nominal Diameter (mm)	D (mm)	k (mm)	F (mm)	f (mm)	b (mm)	Hole Diameter	H (mm)	WEIGHT (Kg)
Ø50(PN10-16)	165	125	102	3	18	Ø18x4	227	8
Ø65(PN10-16)	185	145	122	3	18	Ø18x4	229	9
Ø80(PN10-16)	200	160	138	3	20	Ø18x8	236	13
Ø100(PN10-16)	220	180	158	3	20	Ø18x8	236	15
Ø125(PN10-16)	250	210	188	3	22	Ø18x8	372	26
Ø150(PN10-16)	285	240	212	3	22	Ø22x8	372	27
Ø200(PN10)	340	295	268	3	24	Ø22x8	372	30
Ø200(PN16)	340	295	268	3	24	Ø22x12	372	30



NO	NAME	MATERIAL
1	Body	Cast Iron GGG25 EN JL 1040
2	Ball	POLYTHENE
3	Bonnet Gasket	EPDM
4	Bonnet	Cast Iron GGG25 EN JL 1040
5	Bonnet Bolts	Galvanized steel epoxy coated