

Welcome to iValve, a professional manufacturer for water control system

 English

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Double Orifice, triple function (SS Float)



Air Release Valve. Double Orifice double function IV031 TARV

Double Orifice Air Valve double functional



Double orifice air release valve combine both large and small orifices within one valve and offers solution for releasing and adding air to water pipelines, protecting pipe line systems and improving efficiency. The three function automatic air valve discharge the large volume of air during charging of the pipeline, admit air during emptying of the pipeline and discharge air accumulated under normal operating conditions. Our air valve offered with a kinetically designed large orifice and float to avoid premature closing of the valve by the discharging air. The small orifice is sealed by a float at all pressure above atmospheric except when air accumulates in the valve body. Air valves are made in ductile cast iron body with floats in stainless Steel.

Valves are suitable for clean and neutral water to a maximum temperature of 70° C.

Main Design Features

SS Float

Sizes : DN 50 - DN200

Working Pressure : 16 Bar

Flanges

EN 1092-2 PN16

Test Pressure

Pressure Testing to EN 1074-1&4

Seat Test : 1.1 x PN (18 Bar)

Body Test : 1.5 x PN (24 Bar)

Coating

Fusion bonded epoxy coating

Service Fields

- water distribution system
- main transmission pipeline
- irrigation system
- fire fighting



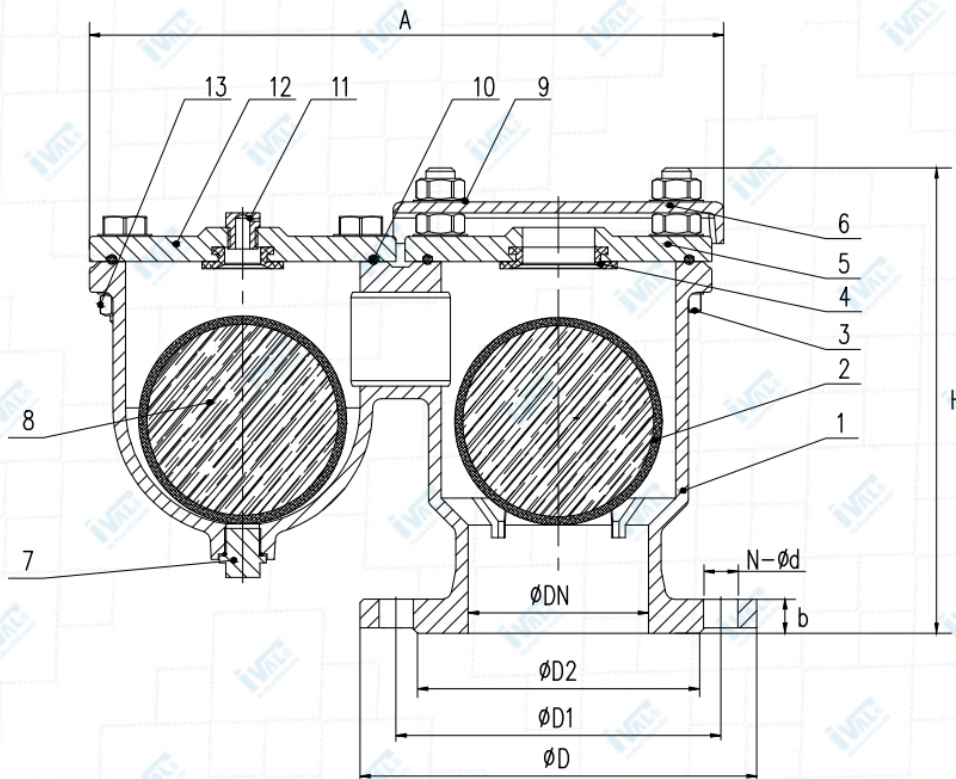


Air Release Valve. Double Orifice
double function
IV031 TARV

PART LIST & DIMENSIONS



13	SCREW CAP	STAINLESS STEEL
12	COVER	DUCTILE IRON
11	PLUG	COPPER
10	SEAL	NBR
9	GASKET	STAINLESS STEEL
8	FLOATING BALL 2	STAINLESS STEEL
7	PLUG	COPPER
6	DUST COVER	DUCTILE IRON
5	COVER	DUCTILE IRON
4	SEAL	NBR
3	BOLT	STAINLESS STEEL
2	FLOATING BALL 1	STAINLESS STEEL
1	Body	DUCTILE IRON



SIZE	BS4504 PN10 / EN1092-2 PN10					BS4504 PN16 / EN1092-2 PN16					H	A
	D	D1	b	N-ød	M	D	D1	b	Z-ød	M		
(50mm) in.2	165	125	19	4-19	M16	165	125	19	4-19	M16	280	268
(65mm) in.2½	185	145	19	4-19	M16	185	145	19	4-19	M16	280	268
(80mm) in.3	200	160	19	4-19	M16	200	160	19	8-19	M16	300	316
(100mm) in.4	220	180	19	8-19	M16	220	180	19	8-19	M16	300	316
(150mm) in.6	285	240	19	8-23	M20	285	240	19	8-23	M20	360	316

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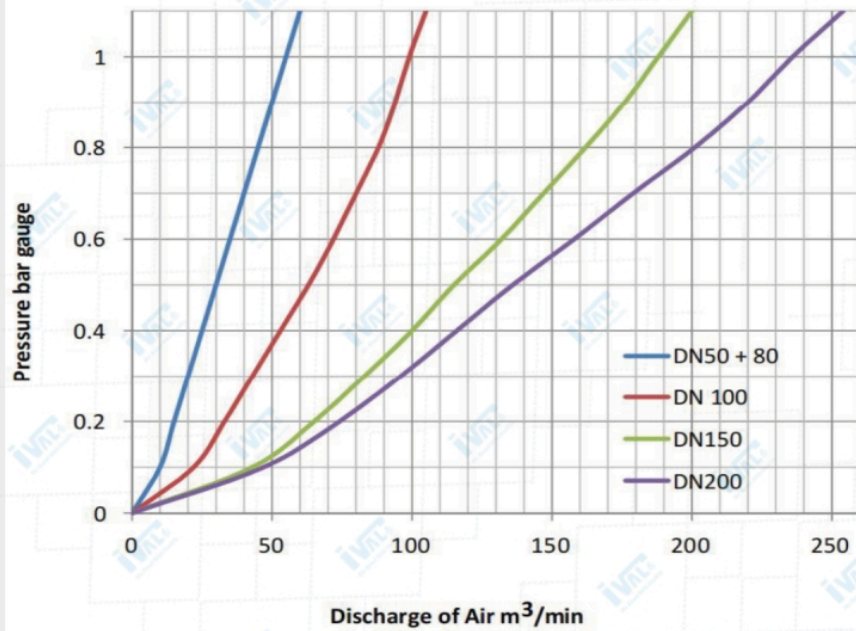


Double Orifice Air Release Valve

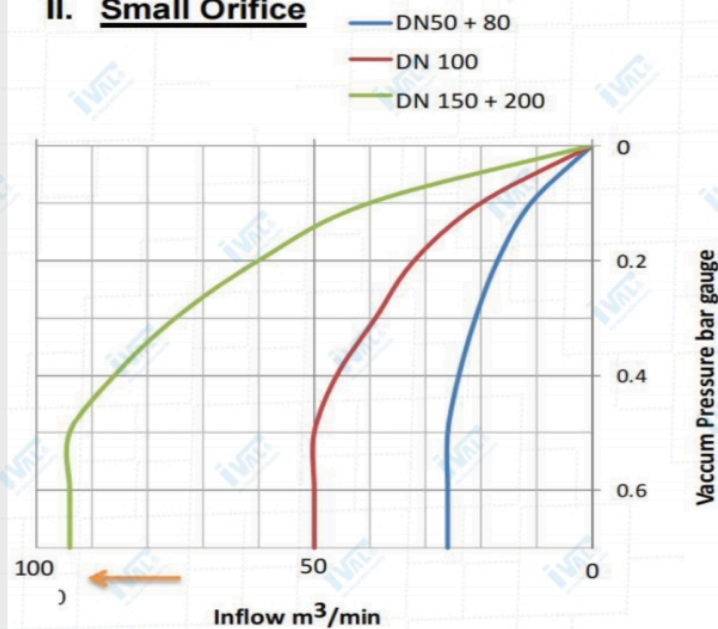
IV050 DOARV

Flow Diagram

I. Large Orifice



II. Small Orifice



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We Stand With Quality (/)

With over 15 years rich experience in the valves designing, manufacturing, marketing and exporting.

LOCATION

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