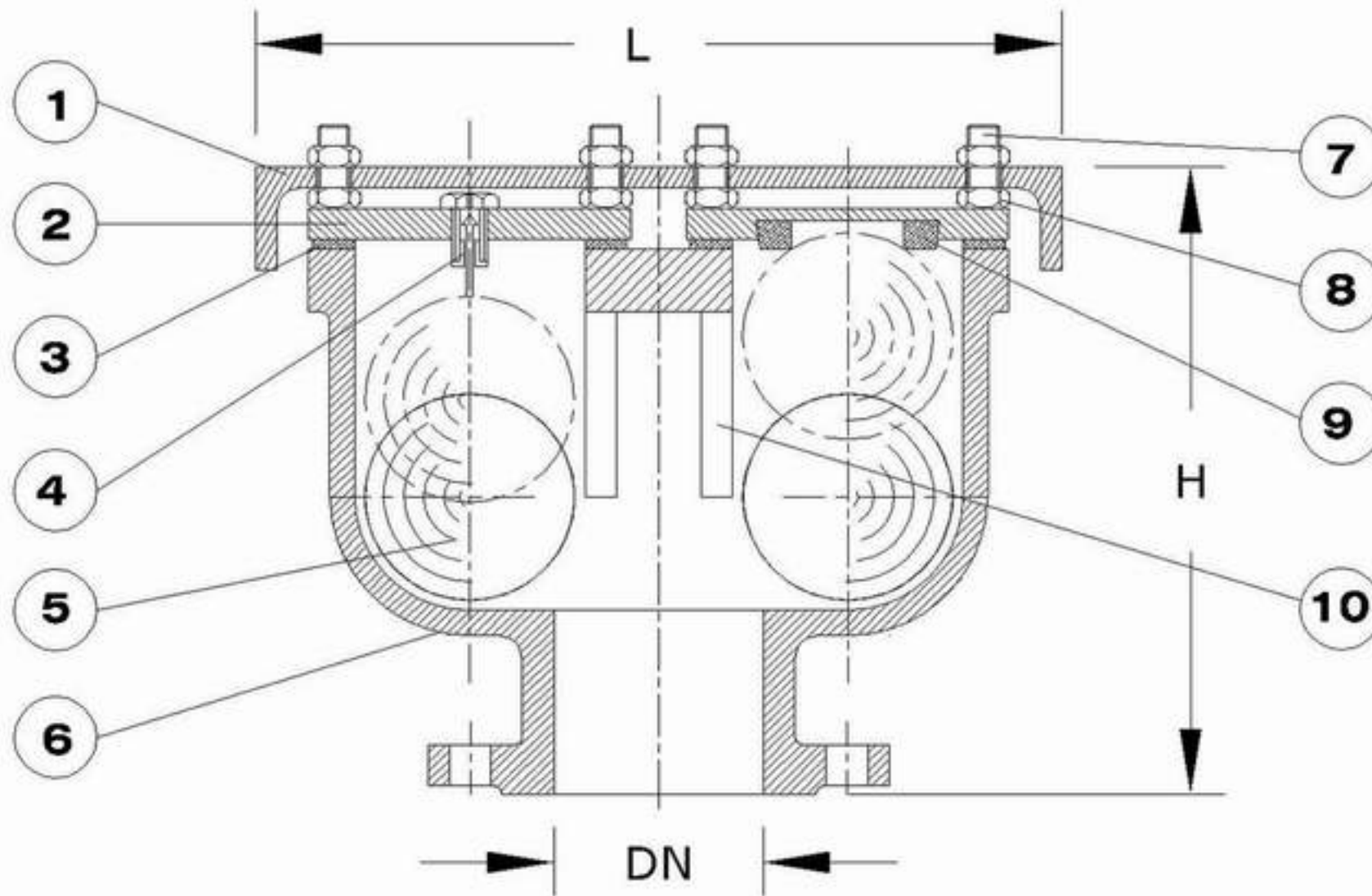


DOUBLE ORIFICE AIR VALVE WITHOUT INTERNAL PLUG VALVE

DESCRIPTION :

EIC air valves are fitted at the highest level point of a pipe line to automatically ensure the following 3 functions :

- 1- Allowing the air in the pipe line to go out while filling with water.
- 2- allowing the air to enter the pipe line if a sudden shut down of the pumps happens preventing the damage of pipes due to vacuum pressure .
- 3- getting rid of the air pockets in the pipe line that may cause pitting of the pump blades and casing



No	Description	Material	Standards	DN	H	L
1	Cover	G.C.I GG 25/D.C.I GGG 50	ES 1300 /ISO 1083	60	260	320
2	Flange	G.C.I GG 25/D.C.I GGG 50	ES 1300 /ISO 1083	65	260	320
3	Gasket	Synthetic Rubber(NBR)(EPDM)	BS 2494	80	300	400
4	Orifice	Brass	ASTM B-21	100	300	400
5	Balls	EPDM - NBR Rubber - ST. ST.	BS 2494 - ASTM 304	150	350	500
6	Body	G.C.I GG 25/D.C.I GGG 50	ES 1300 /ISO 1083	200	380	560
7	Bolt	Galvanized Steel	BS 970			
8	Nut	Galvanized Steel	BS 970			
9	Gasket	Synthetic Rubber(EPDM)(NBR)	BS 2494			

WORKING PRESSURE :10 - 16 BAR.

TESTING OF VALVES ACCORDING TO ISO 5208-1992 (E)

FLANGE CONNECTIONS ACCORDING TO ISO STANDARDS 2531

ALL DIM IN MM

AIR VALVES THAT ARE NOT EQUIPPED WITH INTERNAL PLUG VALVES , A GATE VALVE MUST BE FITTED UNDER IT TO ENABLE MAINTENANCE OF THE VALVE WHILE THE LINE IS IN OPERATION.



GATE VALVE
RISING STEM



GATE VALVE
NON RISING STEM



AIR VALVE



NON RETURN
VALVE



SAFETY VALVE



VERTICAL
FIRE HYDRANT

ENGINEERING INDUSTRIES

For Casting & Machining of Metals