

SEWAGE TYPE AIR VALVE

DESCRIPTION

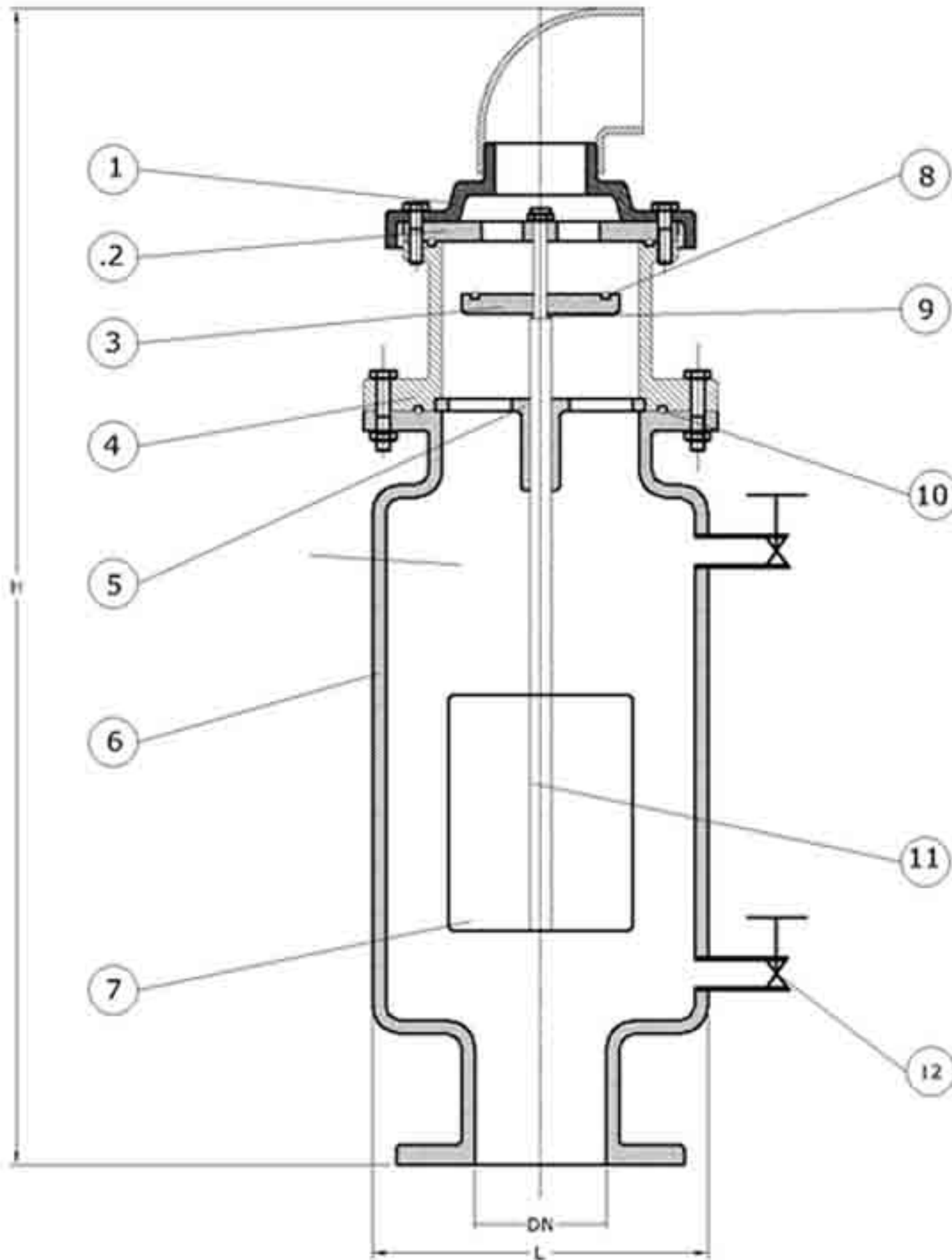
EIC SEWAGE AIR VALVES ARE FITTED AT THE HIGHEST LEVEL POINT OF A PIPE LINE TO AUTOMATICALLY ENSURE THE FOLLOWING 2 FUNCTIONS:

1- ALLOWING THE AIR IN THE PIPE LINE TO GO OUT WHILE FILLING WITH WATER.

2-ALLOWING AIR TO ENTER THE PIPE LINE IF A SUDDEN SHUT DOWN OF THE PUMPS HAPPENS , PREVENTING THE DAMAGE OF PIPES DUE TO VACUM PRESSURE.

FUNCTION:

THE MAIN IDEA OF THE SEWAGE AIR VALVES IS TO CREATE AN AIR SPACE DURING PRESSURE BETWEEN THE SEWAGE WATER AND THE UPPER SEALING MECHANISM OF THE VALVE , THUS PREVENTING ANY SLUDGE IN THE SEWAGE WATER TO BLOCK THE MECHANISM AND STOP IT FROM WORKING CORRECTLY .



No	Description	Material	Standards
1	COVER	G.C.I GG 25/D.C.I GGG 50	EN 1300 / ISO 1083
2	SEALING PLATE	ST.ST.	ASTM GRADE 304
3	SEALING DOOR	ST.ST.	BS 2494 - ASTM 304
4	HOUSING	G.C.I GG 25/D.C.I GGG 50	EN 1300 / ISO 1083
5	STEM GIUDE	BRASS	BS 1400
6	BODY	G.C.I GG 25/D.C.I GGG 50	EN 1300 / ISO 1083
7	FLOAT	Stainless Steel	ASTM GRADE 304
8	SEAL	NBR	BS 2494
9	SEAL	NBR	BS 2494
10	SEAL	NBR	BS 2494
11	STEM	STAINLESS STEEL	ASTM GRADE 304
12	CLEANING VALVES	BRASS	BS 1400

DN	L	H
50	250	700
80	250	700
100	250	700
150	250	700
200	250	700

ALL DIM IN MM

WORKING PRESSURE :10 - 16 BAR.

FLANGE CONNECTIONS ACCORDING TO ISO STANDARDS 2531



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