



AUTOMATIC AIR VENT

DUCTILE IRON SEWAGE COMBINATION AIR RELEASE VALVE

Model Number: **MV110-120**

FEATURES / CHARACTERISTICS

Design	BS EN1074-4, AWWA C512
Rating	PN16
Connection	Flanged to BS EN1092-2, PN16 (ex BS4504)
Working Medium	Sewage Water

Ductile Iron body, Stainless Steel Float Ball

Provides 3 functions:

- 1.Large air release during filling of the pipeline.
- 2.Small air venting under pressurized pipeline.
- 3.Large air intake during draining of the pipeline.

ON REQUEST

ANSI Standard Flange (subject to minimum order quantities)

HYDROSTATIC TEST PRESSURE

Shell- 24 bar

Seal-17.6

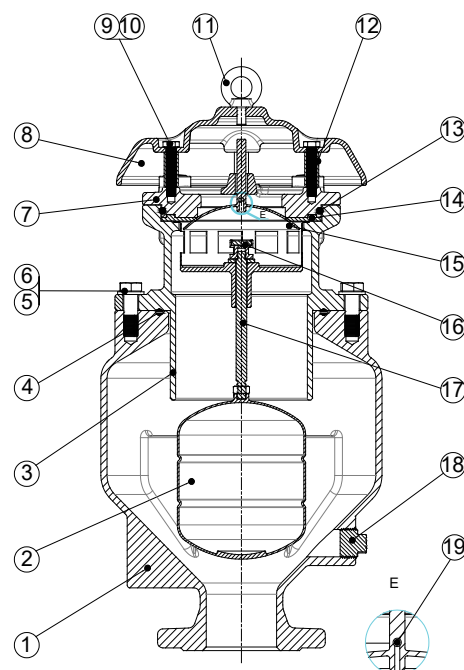
WORKING TEMPERATURE

16 bar -10° C to 80° C water

MATERIAL SPECIFICATIONS

	PARTS	MATERIAL
1	Body	Ductile Iron
2	Float	Stainless Steel
3	Middle Part	Ductile Iron
4	O-Ring	Rubber
5	Hex Bolt	Stainless Steel
6	Washer	Stainless Steel
7	Bonnet	Ductile Iron
8	Cover	Ductile Iron
9	Washer	Stainless Steel
10	Hex Bolt	Stainless Steel
11	Eyebolt	Carbon Steel
12*	Pillar	Aluminium
13	O-Ring	Rubber
14	Seat	Rubber
15	Sealing Arc	Stainless Steel
16	Orifice Seat	Rubber
17	Stem	Stainless Steel
18	Plug-Option	Stainless Steel
19	Small Orifice	Stainless Steel

* Size ≥ DN150 have no pillar.





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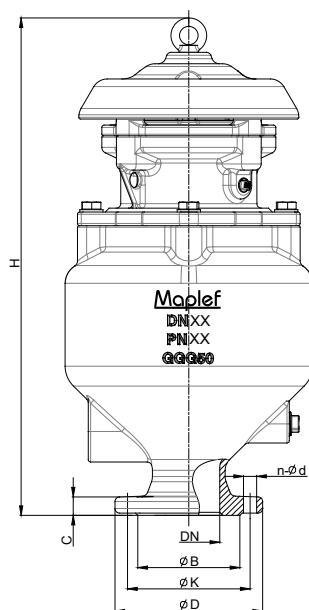
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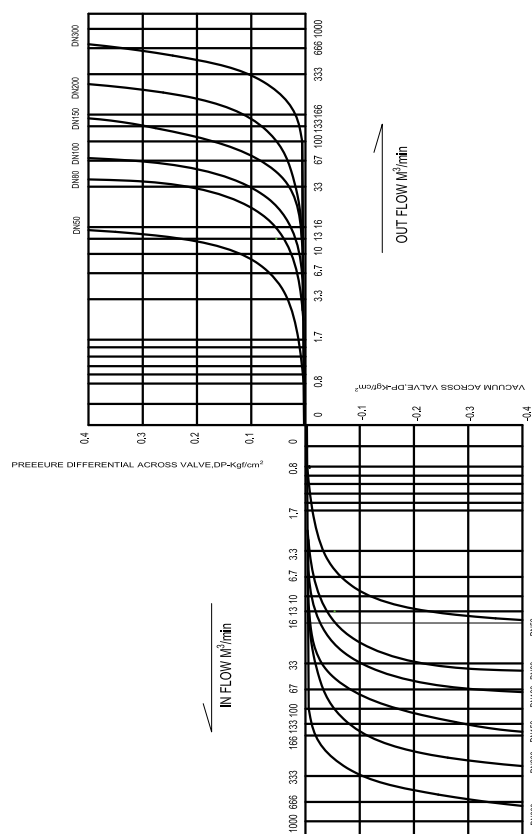
DIMENSIONS (mm)

Sizes		H	ØD	ØK	ØB	C	n-Ød
DN	inch						
50	2"	558	165	125	99	19	4-Ø19
80	3"	653	200	160	132	19	8-Ø19
100	4"	676	220	180	156	19	8-Ø19
150	6"	810	285	240	211	19	8-Ø23
200	8"	950	340	295	266	20	12-Ø23
300	12"	1173	460	410	370	24.5	12-Ø28

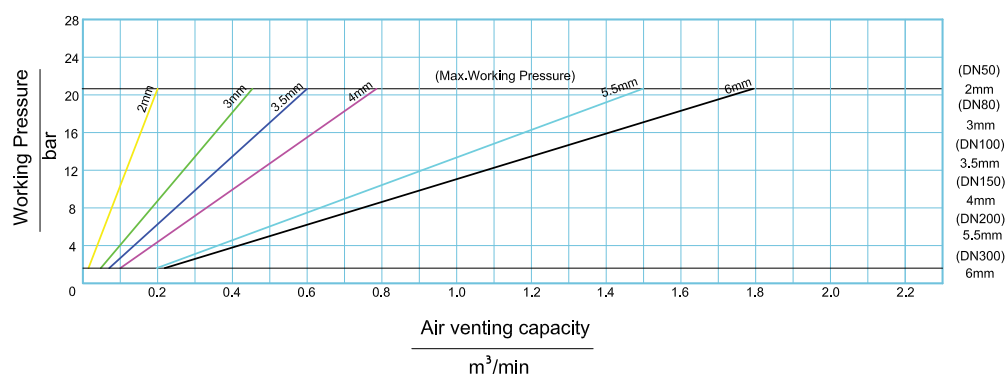
*All dimensions are nominal (indicative)
Actual dimensions may vary



BIG NOZZLE EXHAUSTING / INTAKE



SMALL ORIFICE VENTING



(DN50)
2mm
(DN80)
3mm
(DN100)
3.5mm
(DN150)
4mm
(DN200)
5.5mm
(DN300)
6mm