

DNS Sewage Air Release Valve With Chamber

DNS-SKAS chambered sewage air valve has been designed and manufactured with cost saving in mind. The unique design offers a complete solution for installations such as roads, public walkways, and infrastructure. Offering frost protection and an all in one chamber air valve solution.



Technical Features

The unique design provides an alternative solution for the conventional air valve installation. Creating the complete package.

Can be adapted with various flange connections.

Maintenance can be carried out with ease, saving money and time for the on-site engineer.



General Applications:

For sewage and wastewater applications

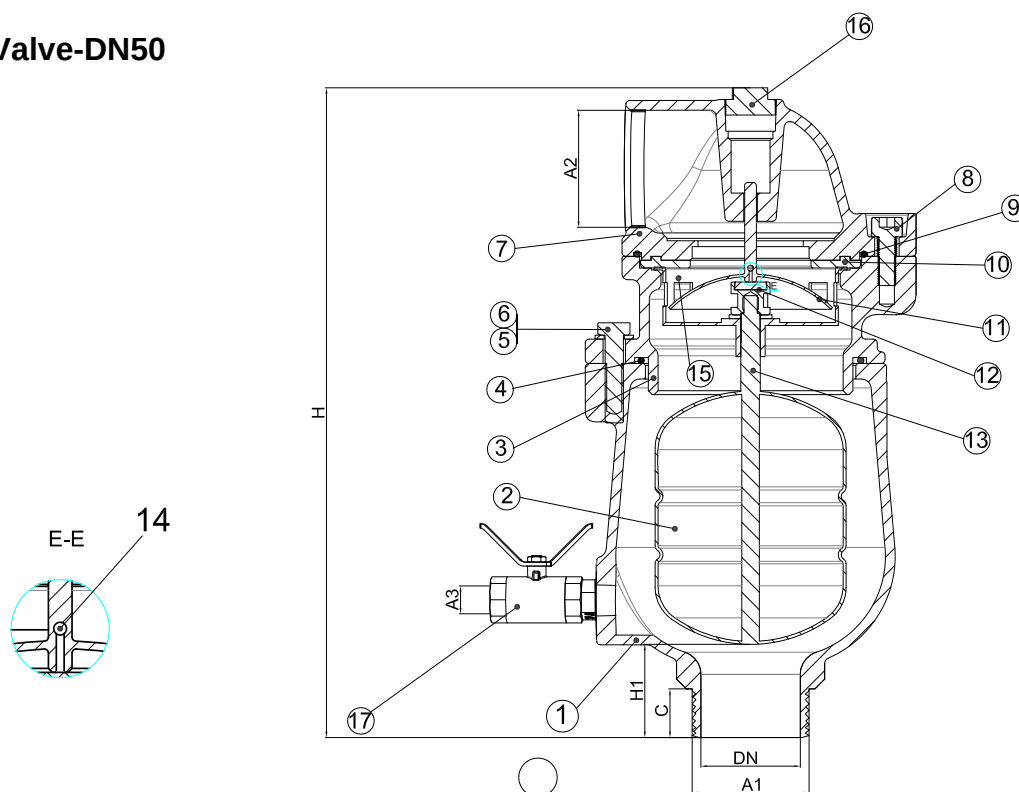
Technical Data:

Size Range: DN 50 Full Bore

Pressure rating: PN16

Max. temperature Range: -10°C to 80°C

Main Valve-DN50



Parts List

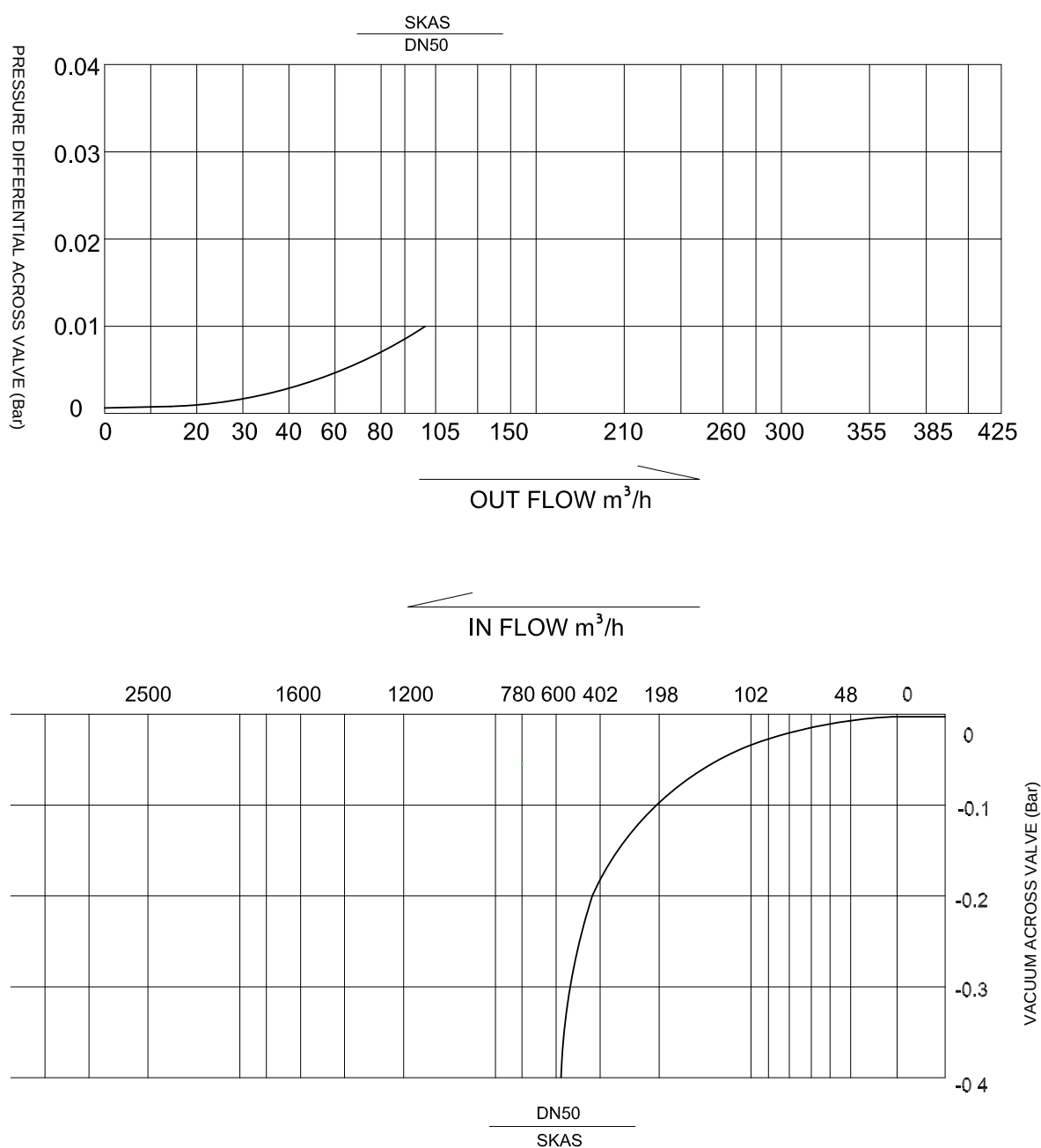
No.	Part Name	Material	Standard
1	Body	Ductile Iron	EN GJS 500-7
2	Float	Stainless Steel	AISI 316
3	Middle Part	Ductile Iron	EN GJS 500-7
4	O-Ring	Rubber	NBR
5	Hex Bolt	Stainless Steel	AISI 316
6	Washer	Stainless Steel	AISI 316
7	Bonnet	Ductile Iron	EN GJS 500-7
8	Screw	Ductile Iron	EN GJS 500-7
9	O-Ring	Rubber	NBR
10	Seat	Rubber	NBR
11	Sealing Arc	Stainless Steel	AISI 316
12	Nozzle Seat	Rubber	NBR
13	Stem	Stainless Steel	AISI 316
14	Small Nozzle	Stainless Steel	AISI 316
15	Guide Barrel	Stainless Steel	AISI 316
16	Plug	Stainless Steel	AISI 316
17	Butterfly ball valve	Stainless Steel	AISI 316

Dimension

Unit: MM

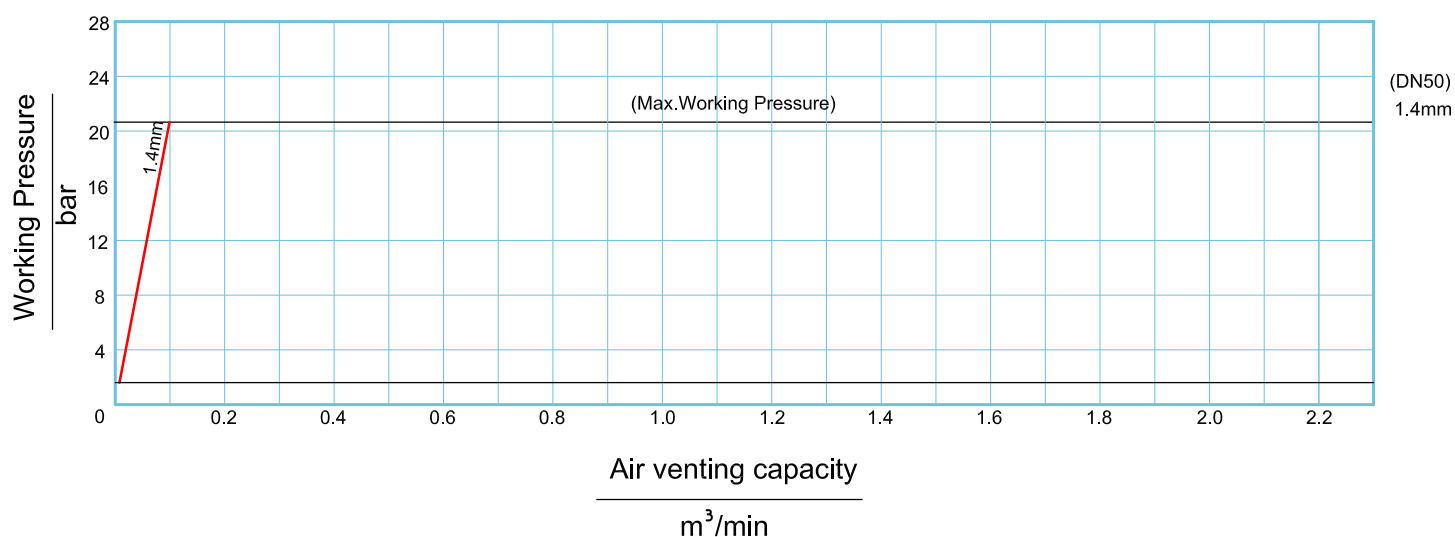
Dimension						
DN	A1	A2	A3	C	H1	H
50	G2"	G2"	BSPT3/8"	25	48	333.5

BIG NOZZLE EXHAUSTING / INTAKE

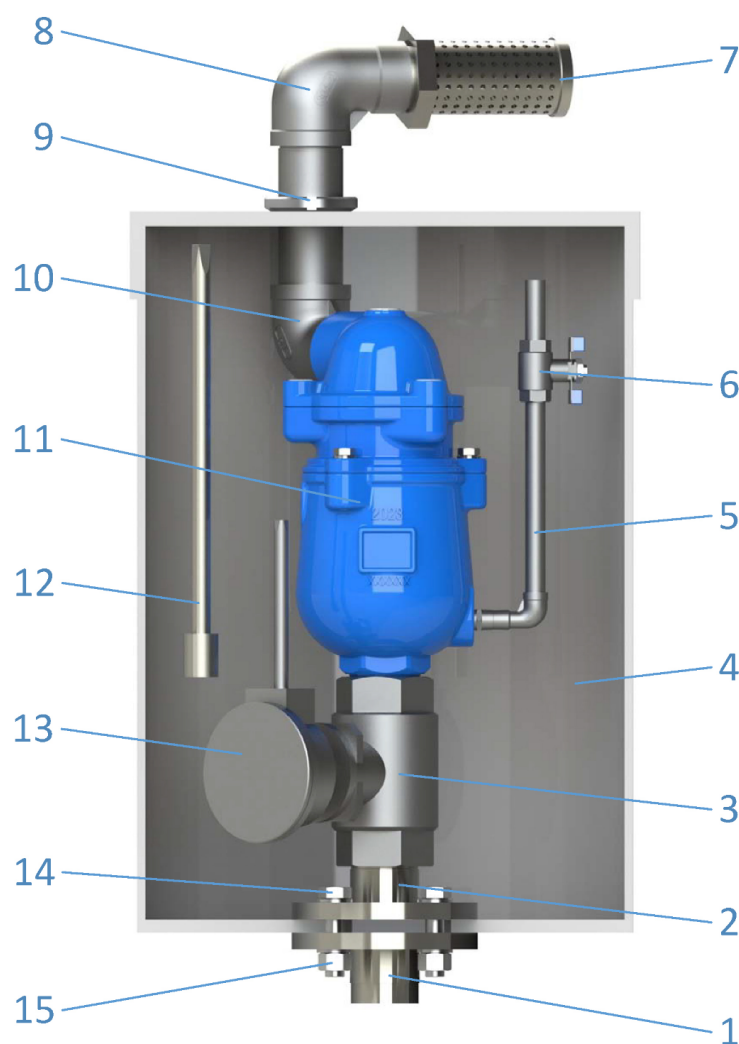


* AFC keeps the right to change dimension without further notice.

SMALL ORIFICE VENTING



Material List



No.	Part Name	Material	Standard
1	Flange with pipe	Stainless Steel	SS316
2	Flange with pipe	Stainless Steel	SS316
3	Ball Valve	Stainless Steel	SS316
4	Cover	Plastic	PVC
5	Flushing tube	Stainless Steel	SS316
6	Ball Valve	Stainless Steel	SS316
7	Strainer	Stainless Steel	SS316
8	Air Vent Pipe	Stainless Steel	SS316
9	Nut	Stainless Steel	SS316
10	Bend	Stainless Steel	SS316
11	SKAS	Ductile Iron	GJS500-7
12	Ext rod	Stainless Steel	SS304
13	Gear box	Commercial	Commercial
14	Bolt	Stainless Steel	SS316
15	Nut	Stainless Steel	SS316