



## SEWAGE AIR VALVE

SCI Sewage Air Valve is designed for effluent waste water and sewage application which contained both organic and inorganic substances in the form of sedimentary, floating and/or colloidal suspended matters of different concentration. It is in simple and robust construction. The seals can be easily replaced without removing the valve from pipeline.

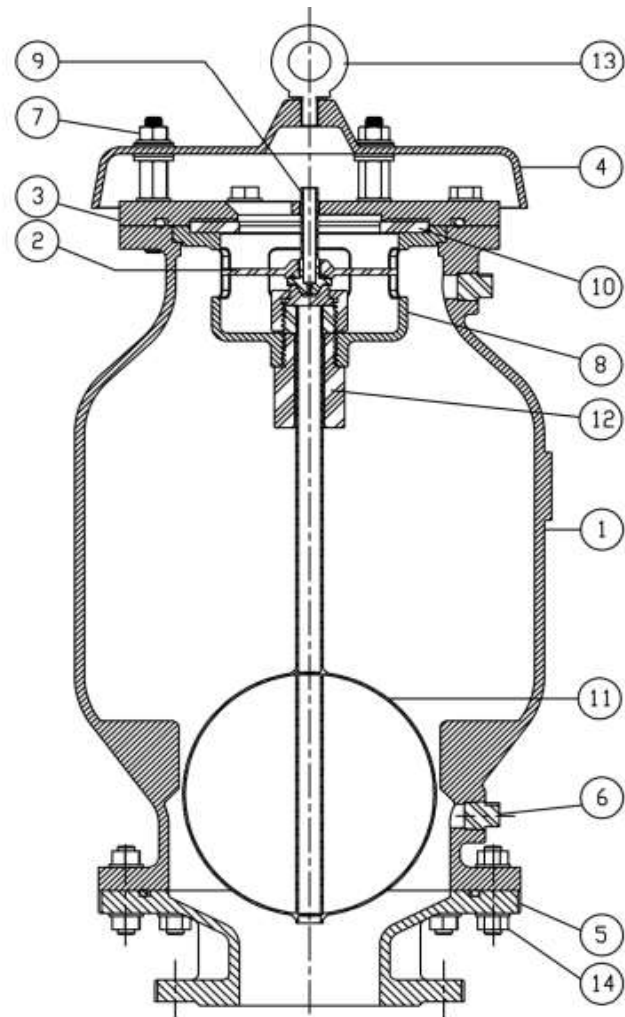
## FEATURES

- Ductile construction.
- The body maintains maximum air gap and high efficient release air.
- 316 stainless steel floater assembly is robust and stable for extreme operating condition.
- The large orifice closes automatically in case of air outflow at high velocity to prevent damage from water hammer.
- The funnel shaped lower body automatically drains sewage into the system and prevent deposition or sedimentation of suspended matters.
- Non corrosive construction ensures long life.
- Guarantee no backwash is required.
- Minimum maintenance.
- Other requirement please specify.

## DESIGN SPECIFICATIONS

- Size: 50 mm. to 200 mm.
- Working Pressure: 10,16 Bar
- Temperature: Up to 70°C or 160°F
- Shell test: 1.5xPN Seat test: 1.0xPN
- All international flange connections
- Polyester Uv Protection and other coating are available

## Materials

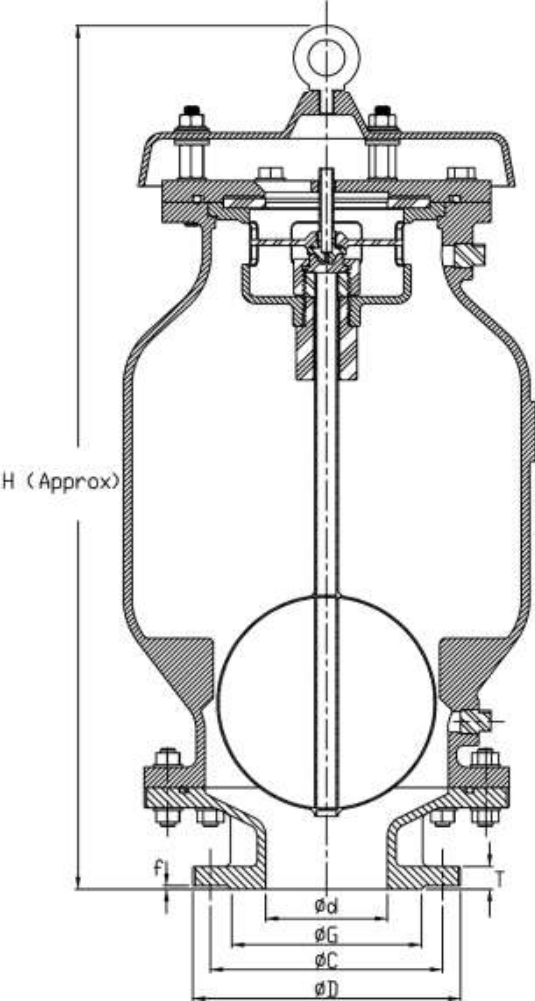


No.	PARTS	MATERIALS	BS. SPEC.
1	Body	Ductile Iron	EN 1563-EN-GJS-500-7
2	Disc	Stainless Steel	Grade 1.4301,1.4401
3	Gland	Ductile Iron	EN 1563-EN-GJS-500-7
4	Cover	Ductile Iron	EN 1563-EN-GJS-500-7
5	Flange adapter	Cast Iron	EN 1561-EN-GJS-250
		Ductile Iron	EN 1563-EN-GJS-500-7
6	Plug	Stainless Steel	Grade 1.4301,4401
7	Cover Stud & Nut	Stainless Steel	Grade 1.4301,4401
8	Disc Guide	Ductile Iron	EN 1563-EN-GJS-500-7
9	Small Orifice	Stainless Steel	Grade 1.4301,4401
10	Plate Seat	Rubber (NBR)	EN 681-1
		Rubber (EPDM)	EN 681-1
11	Floater	Stainless Steel	Grade 1.4301,4401
12	Spindle Guide	Polyethylene Resin	-
13	Eye Bolt	Stainless Steel	Grade 1.4301,4401
14	Flange adapter Stud & Nut	Stainless Steel	Grade 1.4301,4401

[www.scivalve.com](http://www.scivalve.com)

Dimensions

BS EN1092-2 PN10,16



SIZE	FLANGED BS. EN1092-2 PN10 ductile iron							FLANGED BS EN 1092-2 PN 16 ductile iron							H
	Ød	ØD	ØC	ØG	Øh	n	T	ØD	ØC	ØG	Øh	n	T	f	
50		165	125	99	19	4	19	165	125	99	19	4	19	3	720
80		200	160	135	19	8	19	200	160	132	19	8	19	3	720
100		220	180	156	19	8	19	220	180	156	19	8	19	3	725
150		285	240	211	23	8	19	285	240	211	23	8	19	3	738
200		340	295	266	23	8	20	340	295	266	23	12	20	3	740