

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

- Ball shaped body maintains maximum air gap. The suspended matters cannot cause blocking of the floater.
- 316 stainless steel floater assembly is robust and stable for extreme operating condition.
- “V” shape the yoke prevents the sewage from reaching the sealing mechanism. Non clogging at the upper body chamber.
- The funnel shaped lower body automatically drains sewage into the system and prevent deposition or sedimentation of suspended matters.
- Two small orifice provide high capacity air discharge.
- Non corrosive construction ensures long life.
- Guarantee No backwash is required.
- Minimum maintenance.

DESIGN SPECIFICATIONS

- Size: 80 mm. to 200 mm.
- Working Pressure: 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



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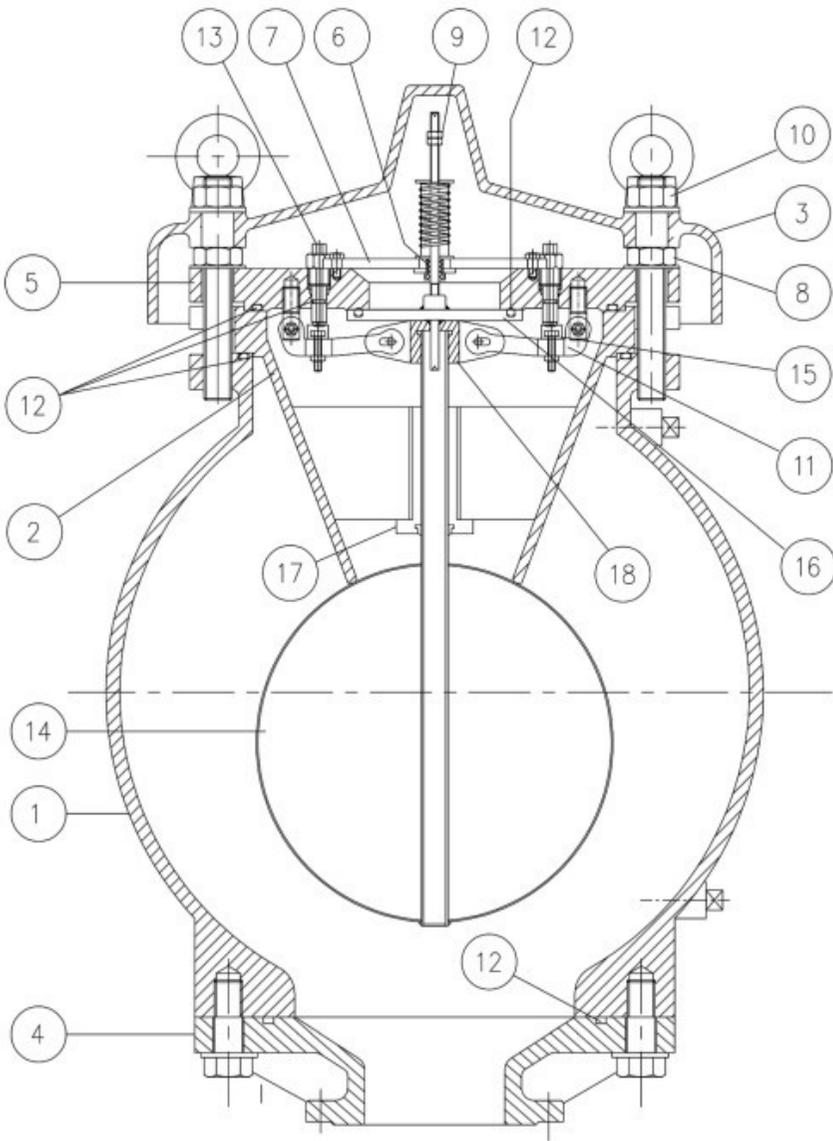
SCI CORPORATION Co.,Ltd.

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Rama 2 Road, Tahsai, Muang, Samutsakorn 74000, Thailand

Tel: (6634)440-130 Fax: (6634)440-137 E-mail: sci@scivalve.com





Materials

No.	PARTS	MATERIALS	BSEN. SPEC.
1	Body	Ductile Iron	EN 1563-EN-GJS-450-10 EN 1563-EN-GJS-500-7
2	Yoke	Ductile Iron	EN 1563-EN-GJS-450-10 EN 1563-EN-GJS-500-7
3	Cover	Ductile Iron	EN 1563-EN-GJS-450-10 EN 1563-EN-GJS-500-7
4	Flange adapter	Ductile Iron	EN 1563-EN-GJS-450-10 EN 1563-EN-GJS-500-7
5	Gland For Seat Cover	Ductile Iron	EN 1563-EN-GJS-450-10 EN 1563-EN-GJS-500-7
6	Gland Bush	Polyethylene Resin	-
7	Guide For Main Disc	Ductile Iron	EN 1563-EN-GJS-450-10 EN 1563-EN-GJS-500-7
8	Gland Bolt	Stainless Steel	EN 10088 Grade 1.4301,1.4401
9	Top Nut	Stainless Steel	EN 10088 Grade 1.4301,1.4401
10	Cover Stud & Nut	Stainless Steel	EN 10088 Grade 1.4301,1.4401
11	Lever Arm	Stainless Steel	EN 10088 Grade 1.4401
12	O-Ring	Rubber (NBR)	EN 681-1
13	Small Orifice	Rubber (NBR)	EN 681-1
14	Floater	Stainless Steel	EN 10088 Grade 1.4401
15	Needle	Stainless Steel Rubber (NBR)	EN 10088 Grade 1.4401 EN 681-1
16	Valve Disc	Stainless Steel	EN 10088 Grade 1.4401
17	Yoke Bush	Polyethylene Resin	-
18	Rod Eye	Stainless Steel	EN 10088 Grade 1.4401

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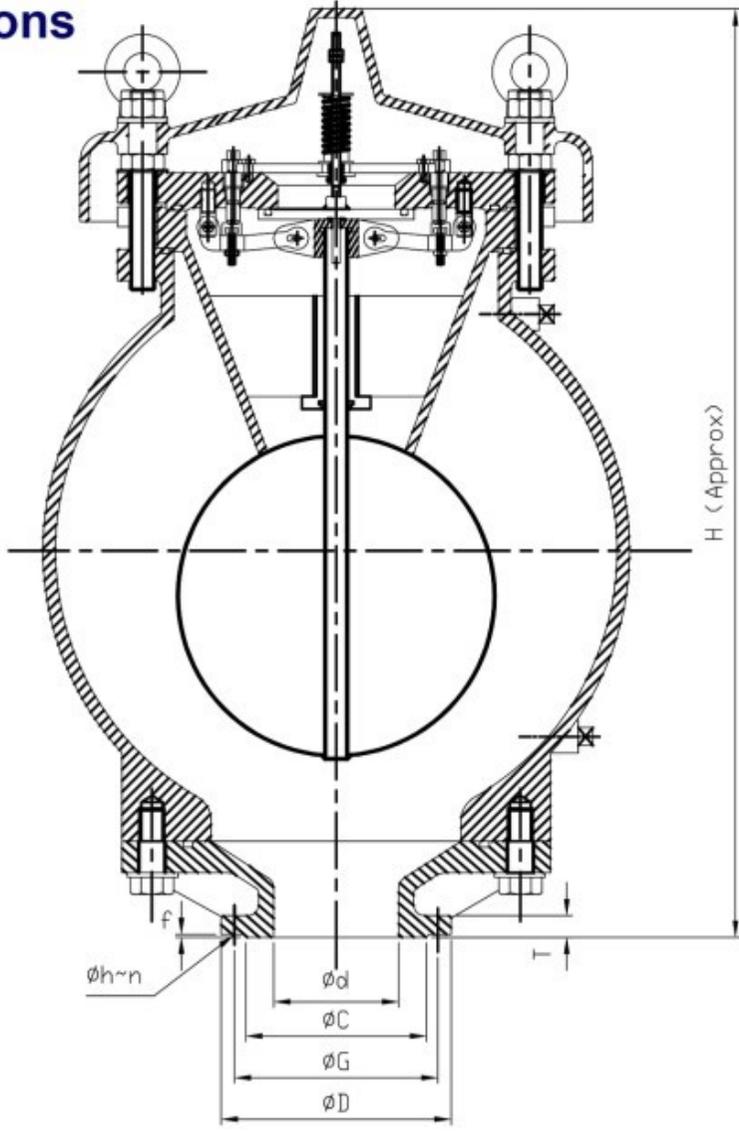


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 438861

Dimensions



BSEN1092-2 PN16

SIZE	FLANGED BS EN 1092-2 PN 16 ductile iron						
Ød	ØD	ØC	ØG	Øh	n	T	f
80	200	160	132	19	8	19	3
100	220	180	156	19	8	19	3
150	285	240	211	23	8	19	3
200	340	295	266	23	12	20	3

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