



Corrosion Resistant Wastewater Air Release Valve For Prohibiting Water Hammer

Our Product Introduction

for more products please visit us on watercontrol-valve.com

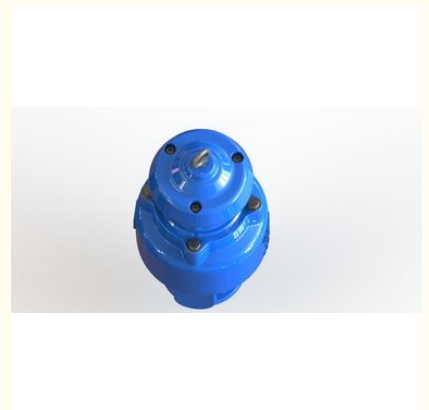
Basic Information

- Place of Origin: China
- Brand Name: OEM
- Certification: ISO9001-2015
- Model Number: SKAR
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Plywood Cases
- Delivery Time: 15-60 Days
- Payment Terms: L/C, T/T
- Supply Ability: Based On Order



Product Specification

- Material: Ductile Iron GJS500-7
- Internal Parts: SS316
- Coating: Fushion Bonded Epoxy
- Flow Area: Full Flow Area
- Color: RAL5010
- Specialty: Spill Free
- Highlight: **water supply valve**



More Images



Product Description

Waste Water Triple Function Full Flow Area SS316 Internals Single Chamber Sewage Combination Air Release Valve

How do we ensure finished product quality (FQC inspection)

1. Visual Inspection
2. Material Grade Measurement
3. Dimension Inspection
4. Roughness Detection
5. Roughness Detection
6. Leakage Test

Description:

In sewage water, additional gas will accumulate because of all kinds of gas or air to ventilate the waste water. In case to protect the transmission efficiency, SKAR - sewage air release valve is necessary to install for venting the air in pipeline. Air release takes place at high points, on long ascending and descending pipe sections, downstream of pumps, upstream of restrictions.

Technical Data:

Size range: DN 50-200MM

Pressure ratings: 1.0Mpa, 1.6Mp (Flange)

Working temperature: -10°-80°C.

Flow media: sewage water.

Please consult factory for PN25 and antishock device whenever there is waterhammer issue.

Features:

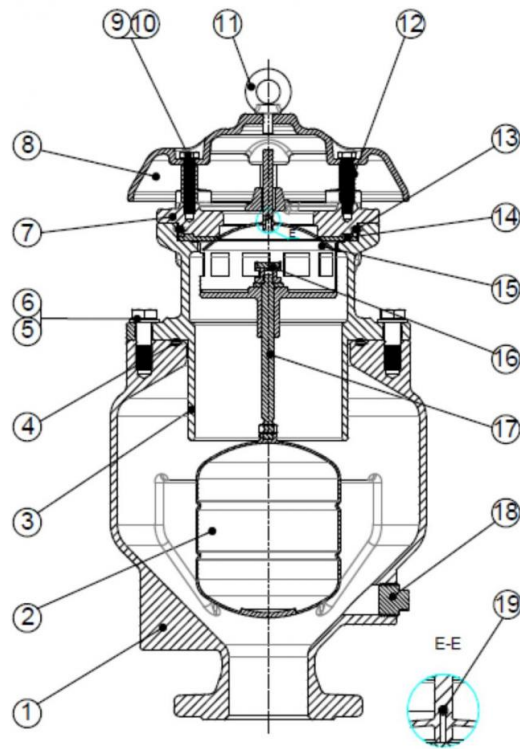
- . Manufacturing standard : BS EN1074-4, AWWA C512
- . Flange drilling and dimension : BS EN 1092 and BS EN 558 and ANSI flange.
- . 100% -full flow area thru the valve internal.
- . Can blow off the water on top of the sealing arc thru small orifice and keep it dry to prevent polluted water coming into pipeline during vacuum.
- . Most parts of valves can be recycled.
- . All internal parts are 316SS material without rusting.
- . Float with a rubber sealing on top, provide better sealing (larger buoyancy) effect on small orifice.
- . Float with a rubber sealing can be as an absorber to prohibit water hammer direct acting on the sealing arc and seat impact.
- . Spill Free.
- . Advanced design: Simple mechanism and strong float to prevent cracking during sudden water hammer& quick closure.
- . Float movement support by both cage and body guide
- . Fast water rising on the back of middle part, prevent direct flushing up to top and out of main body.
- . No arms or levers to prevent vibrating, bending, direct closure of the float.
- . Fully fusion epoxy coated inside and outside of valve body for long term services.
- . Wider middle body, shorter in height.
- . Slow down the flow velocity, keep sewage in the body.
- . Drain boss at the top & bottom for cleaning.

Service Fields:

For sewage water system.

Quick Selection Table					
Water Flow Rate CMH	1360	4160	8500	19100	33400
Main pipe size MM	80-400	400-700	750-1000	1050-1500	1500-2000
Size of SKAR MM	50	80	100	150	200

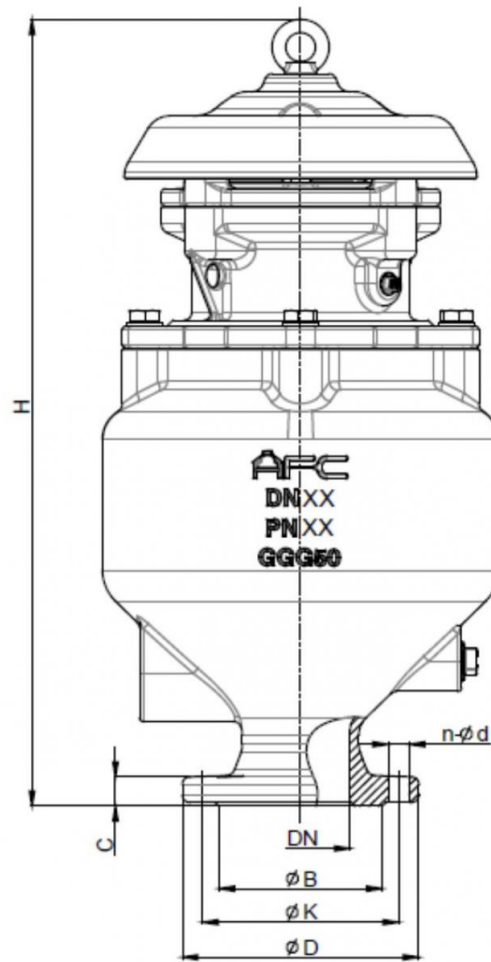
Material:



No.	Part Name	Material	Standard
1	Body	Ductile Iron	EN GJS 500-7
2	Float	Stainless Steel	AISI 304/316L
3	Middle Part	Ductile Iron	EN GJS 500-7
4	O-Ring	Rubber	NBR
5	Hex Bolt	Stainless Steel	AISI 304
6	Washer	Stainless Steel	AISI 304
7	Bonnet	Ductile Iron	EN GJS 500-7
8	Cover	Ductile Iron	EN GJS 500-7
9	Washer	Stainless Steel	Commercial/AISI 304/316
10	Hex Bolt	Stainless Steel	Commercial/AISI 304/316
11	Eyebolt	Carbon Steel	Commercial
*12	Pillar	Aluminium	Commercial
13	O-Ring	Rubber	NBR
14	Seat	Rubber	NBR
15	Sealing Arc	Stainless Steel	AISI 304/316L
16	Orifice Seat	Rubber	NBR
17	Stem	Stainless Steel	AISI 304/316L
18	Plug-Option	Stainless Steel	AISI 304/316L
19	Small Orifice	Stainless Steel	AISI 304/316L

* Size ≥ DN150 have no pillar.

Dimension:



Unit: MM

DN	Model No.	H	ØD		ØK		ØB		n-Ød		C
			PN10	PN16	PN10	PN16	PN10	PN16	PN10	PN16	
50	SKAR-0050	558	165		125		99		4-Ø19		19
80	SKAR-0080	653	200		160		132		8-Ø19		19
100	SKAR-0100	676	220		180		156		8-Ø19		19
150	SKAR-0150	810	285		240		211		8-Ø23		19
200	SKAR-0200	950	340		295		266		8-Ø23	12-Ø23	20



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