



DN25 - 300MM Air Release Valve For Fire Fighting / Clean Water System

Our Product Introduction

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

Basic Information

- Place of Origin: China
- Brand Name: OEM
- Certification: WRAS NSF61/372
- Model Number: KARX KARR KARA
- 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: SS304
- Flow Area: Full Flow Area
- Color: RAL 5010
- Standard: EN1074-4 AWWAC515
- Approval: WRAS NSF61
- Highlight: **water regulator valve**



More Images



Product Description

SS304 Internal Parts Commination Triple Function Air Release Valve

Forming Machine Process

1. CNC Lathe Processing
2. High precision CNC machining center processing
3. General lathe processing
4. The machine punch the product parts
5. Cold Forming Molding
6. Welding Assembly

Technical Data:

Size range: DN 25-300MM
 Pressure ratings: 1.0Mpa, 1.6Mpa (Thread)
 1.0Mpa, 1.6Mpa, 2.5 Mpa (Flange)
 Working temperature: -10°-80°C.
 Flow media: clean water

Features:

- . Advanced design with simple mechanism, strong float to prevent cracking during sudden water hammer & quick closure.
- . Aerokinetic mechanism to resist blow shut under higher air velocity even up to sonic velocity of air.
- . No arms or levers to prevent vibrating, bending, direct closure of the float.
- . Smooth cage outside of the float, keep float moving in specified guide rail.
- . Bottom rubber buffer for collision prevention, and drain easy with proper holes around the cage during vacuum.
- . Outside stainless steel screen will be an option for safety and prevent insects or birds in.
- . Fully epoxy coated inside and outside for long term services.
- . Manufacturing standard meets BS EN1074-4, AWWA C512
- . Flange drilling and dimension meets BS EN 1092 and BS EN 558 and ANSI flange.

Service Fields:

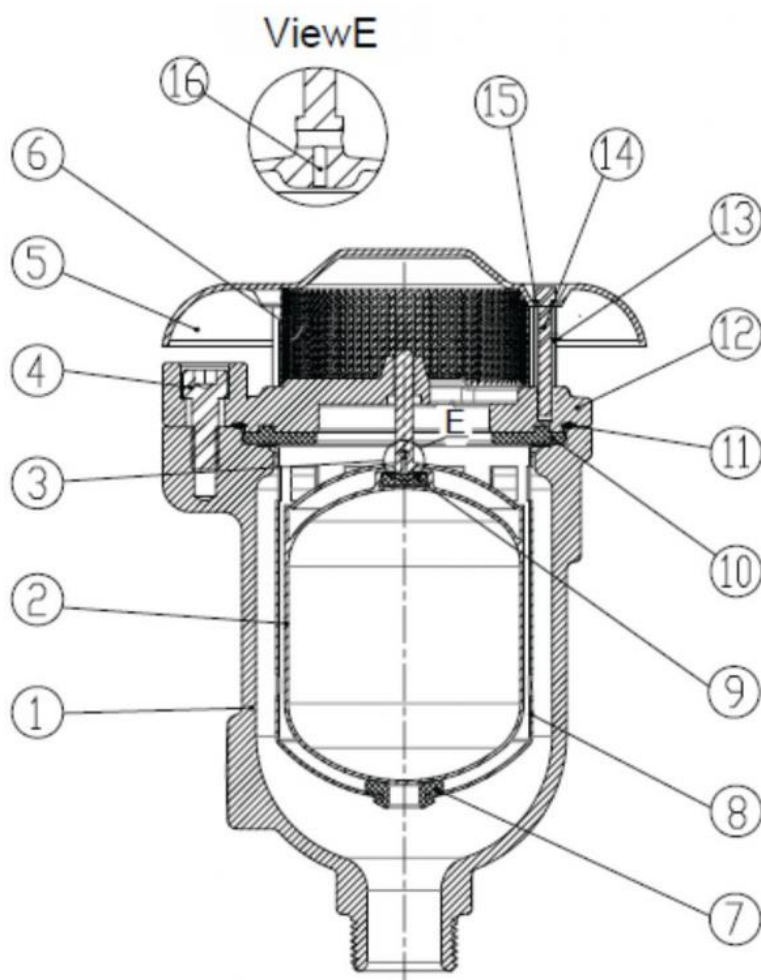
For water system, fire fighting, irrigation system.

Size Selection Table:

Water flow rate range Max CMH	760	1360	4160	8500	19100	33400	76300
Main pipeline size mm	80-300	200-400	400-700	750-1000	1050-1500	1500-2000	2100-3000
Inlet size of KARX mm	25	50	80	100	150	200	300
bore of outlet mm	50	75	95	130	170	230	330
small orifice size mm	1.6	1.6	2	2.5	3	4	4

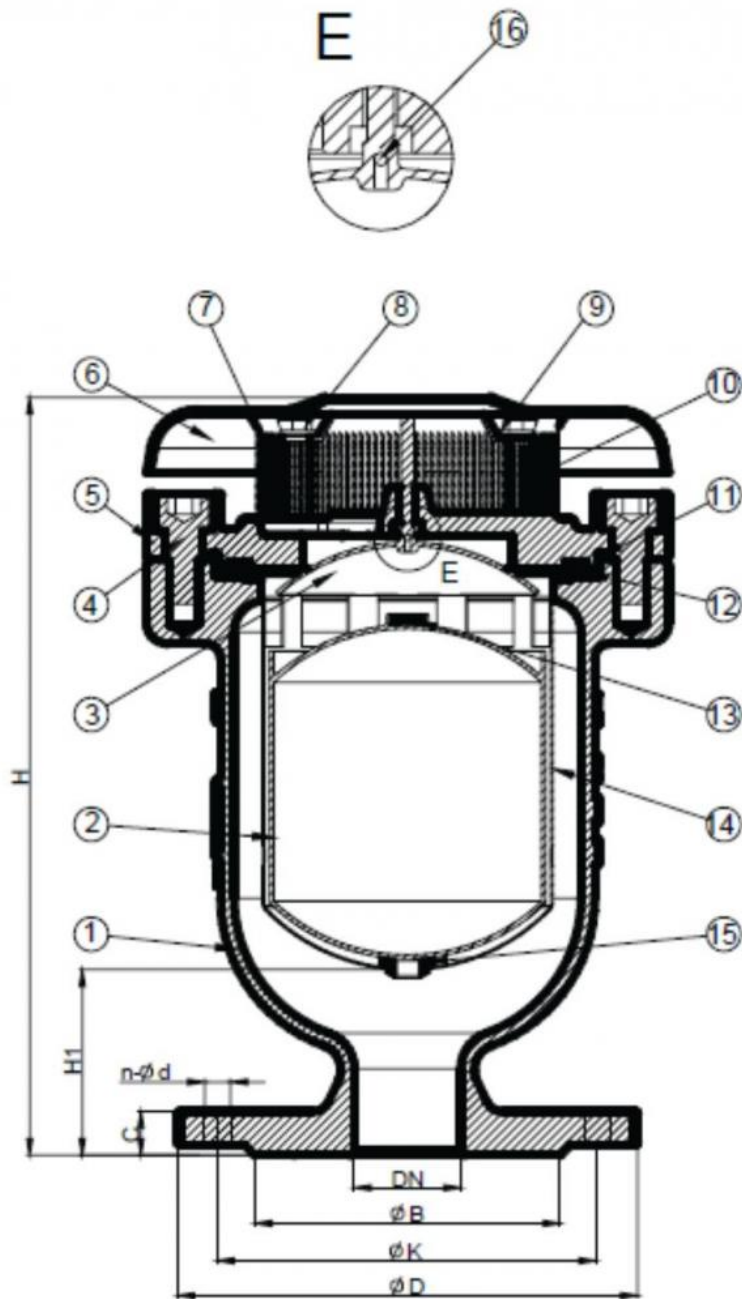
Material List:

KARS (Thread Type DN25-DN50)



No.	Part Name	Material	Standard
1	Body	Ductile Iron	EN GJS500-7
2	Float	Stainless Steel	ANSI304
3	Sealing Arc	Stainless Steel	ANSI304
4	Hex Bolt	Carbon Steel/ Stainless Steel	Zinc Coated/AISI304
5	Cover	Carbon Steel	Epoxy Coated
6	Screen	Stainless Steel	ANSI304
7	Buffer	Rubber	NBR/EPDM
8	Guide Barrel	Stainless Steel	ANSI304
9	Nozzel Seat	Rubber	NBR/EPDM
10	Seat	Rubber	NBR/EPDM
11	O-ring	Rubber	NBR/EPDM
12	Bonnet	Ductile Iron	EN GJS500-7
13	Pillar	Aluminium	Commercial
14	Hex Bolt	Carbon Steel/ Stainless Steel	Zinc Coated/AISI304
15	Washer	Stainless Steel	ANSI304
16	Small Nozzle	Stainless Steel	ANSI304

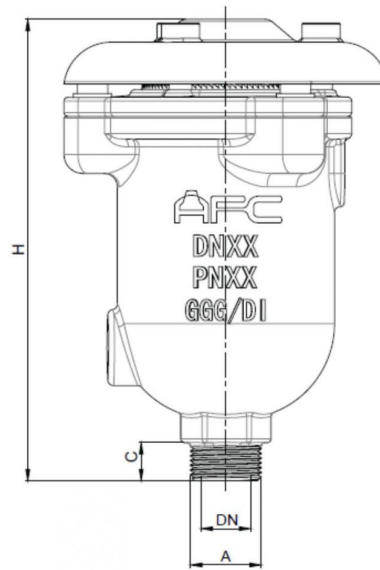
KARX (Flange Type DN50-DN300)



No.	Part Name	Material	Standard
1	Body	Ductile Iron	EN GJS500-7
2	Float	Stainless Steel	ANSI304
3	Sealing Arc	Stainless Steel	ANSI304
4	In Hex Bolt	Carbon Steel/ Stainless Steel	G.I./AISI304
5	Bonnet	Ductile Iron	EN GJS500-7
6	Cover	Carbon Steel	ANSI304
7	Screen	Stainless Steel	ANSI304
8	Hex Bolt	Carbon Steel/ Stainless Steel	G.I./AISI304
9	Washer	Stainless Steel	ANSI304
10	Pillar	Aluminium	Commercial
11	O-ring	Rubber	NBR/EPDM
12	Seat	Rubber	NBR/EPDM
13	Nozzel Seat	Rubber	NBR/EPDM
14	Guide Barrel	Stainless Steel	ANSI304
15	Buffer	Rubber	NBR/EPDM
16	Small Nozzle	Stainless Steel	ANSI304

Dimension:

KARS (Thread Type DN25-DN50)

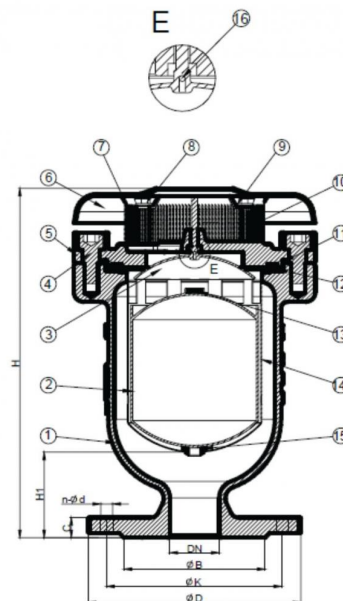


Unit: MM

DN	Model No.	ØA	C	H
25	KARS-0025-BP	G1"	20	243
32	KARS-0032-BP	G1 1/4"	20	243
40	KARS-0040-BP	G1 1/2"	20	243
50	KARS-0050-BP	G2"	20	243

Remarks: BP– British Pipe Thread.

KARX (Flange Type DN50-DN300)



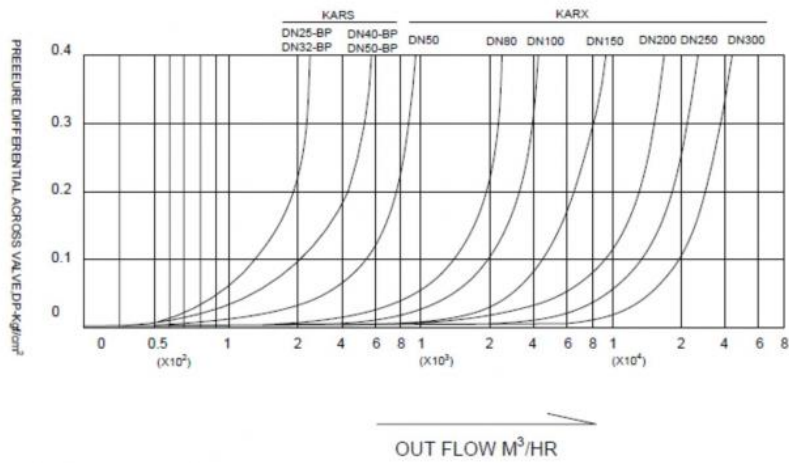
Dimension

Unit: MM

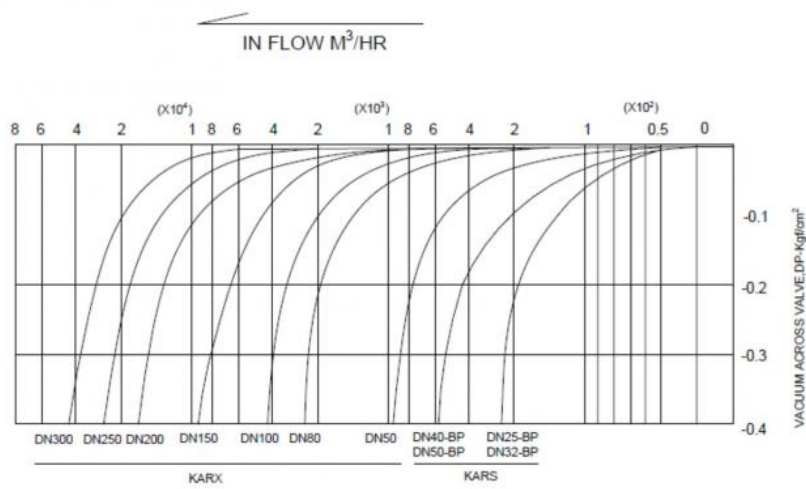
DN	Model No.	ØB			ØD			ØK			H	N-Ød		
		PN10	PN16	PN25	PN10	PN16	PN25	PN10	PN16	PN25		PN10	PN16	PN25
50	KARX-0050	99	99	99	165	165	165	125	125	125	280	4-Ø19	4-Ø19	4-Ø19
80	KARX-0080	132	132	132	200	200	200	160	160	160	362	8-Ø19	8-Ø19	8-Ø19
100	KARX-0100	156	156	156	220	220	235	180	180	190	395	8-Ø19	8-Ø19	8-Ø23
150	KARX-0150	211	211	211	285	285	300	240	240	250	485	8-Ø23	8-Ø23	8-Ø28
200	KARX-0200	266	266	274	340	340	360	295	295	310	582	8-Ø23	12-Ø28	12-Ø28
300	KARX-0300	370	370	389	445	460	485	400	410	430	750	12-Ø23	12-Ø28	16-Ø31

Air Flow Characteristic

Large Air Exhausting

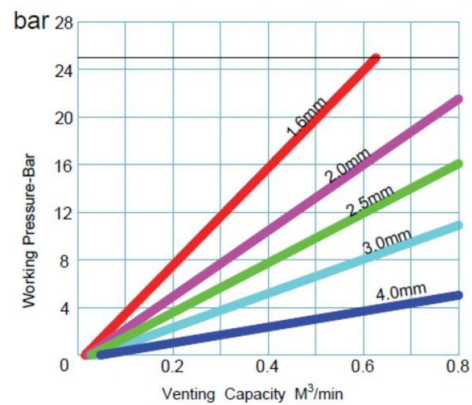


Air Intake



Small air venting

Air release during working conditions



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