



KARX-Combination Kinectic Air Release Valve

KARX-Combination Kinectic air release valve provides 3 functions: 1.air venting for small pockets of air release from pressurised piping system, 2.air/vacuum for large air exhaust during filling of the pipeline and 3.admitting large volumes of air during draining of piping system.

Features:

- . Advanced design with simple mechanism, strong float to prevent cracking during sudden water hammer.
- . The float will still be at bottom level even up to air velocity about sonic velocity, untill water rises to lift the float and seal the the orifice.
- . No arms or levers to prevent vibrating, direct closure of the float.
- . Smooth cage outside of the float, keep float moving in specified guide rail.
- . Bottom impact rubber for collision prevention., and drain easy with proper holes around during vacuum.
- . Outside screen will be an option for safety and prevent insects or birds in.
- . Fully fusion epoxy coated inside and outside of valve body for long term services.
- . Manufacturing standard meets BS EN 1074-3, AWWA C512
- . Flange drilling and dimension meets IS 1538 and BS EN 558.



Service Fields:

For water system, fire fighting, irrigation system.

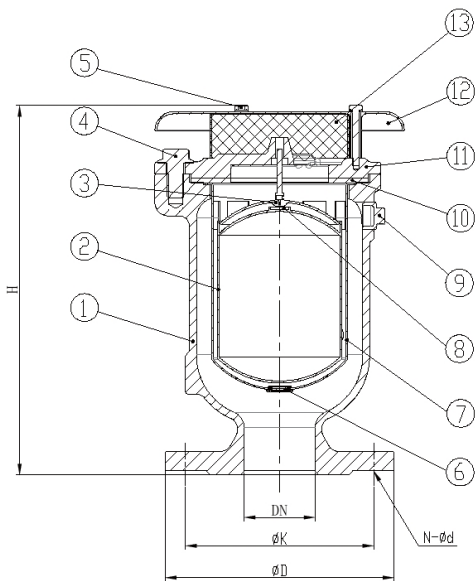
Technical Data:

Size range:DN 50-200MM
Pressure ratings:1.0Mpa, 1.6Mpa, 2.5 Mpa.
Working temperature: -10°-80°C.
Flow media: clean water
End Connection:PN10/16/25.

KARX-Combination Kinectic Air Release Valve

Parts List

No.	Part Name	Material	Standard
1	Body	Ductile Iron	GGG50/ EN GJS 500-7
2	Float	Stainless Steel	AISI 304
3	Float Umbrella	Stainless Steel	AISI 304
4	Bolt	Stainless Steel	AISI 304
5	Ext. bolt	Stainless Steel	AISI 304
6	impact rubber	Rubber	EPDM
7	Cage	Stainless Steel	AISI 304
8	Nozzle Seat	Rubber	EPDM
9	*Plug	Steel	Galvanized CS/A2
10	Seat	Rubber	EPDM
11	Bonnet	Ductile Iron	GGG50/ EN GJS 500-7
12	Cover	Carbon Steel	Epoxy Coated Steel
13	Screen	Stainless Steel	AISI 304



Dimension

*: Option.

Unit: MM

DN	Model Code	ØD			ØK			H	N-Ød		
		PN10	PN16	PN25	PN10	PN16	PN25		PN10	PN16	PN25
50	KARX-0050	165	165	165	125	125	125	266	4-Ø19	4-Ø19	4-Ø19
80	KARX-0100	200	200	200	160	160	160	325	4-Ø19	4-Ø19	8-Ø19
100	KARX-0100	220	220	235	180	180	190	345	8-Ø19	8-Ø19	8-Ø23
150	KARX-0150	285	285	300	240	240	250	385	8-Ø23	8-Ø23	8-Ø28
200	KARX-0200	340	340	360	295	295	310	460	8-Ø23	8-Ø23	12-Ø28

Ordering Code

KARX - 0050 - 16

Model:

KAR- kinetic air valve, with 3 functions
KAV-Kinectic air/vacuum valve, with 2 functions, for large air exhaust and intake

End Connection / ratings:

10: PN10

16: PN16

25: PN25

A1: ANSI 125 F/F

A5: ANSI 150 R/F

Valve Size:

0080: 80MM

0200: 200MM

Flow Performance

