



# RKSfluid®

Proven Technology-Superior Features-  
Legendary Value

**KARX-Combination Kinetic Air Release Valve**

NPS1-NPS12 ( DN25-DN300 )





## KARX-Combination Kinetic Air Release Valve

**K**ARX- Combination kinetic air release valve provide 3 functions: 1.Large air release during filling of the pipeline. 2.Small air release under pressurized pipeline. 3.Large air intake during draining of the pipeline.

### Features:

- Advanced design with simple mechanism, strong float to prevent cracking during sudden water hammer& quick closure.
- Aero-kinetic 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 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 1074-4, 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.

### 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



