

The altitude control valve close drip-tight and stop filling water in the water tank when the water level reaches a high level .

And opens automatically and filling water when the water level lower than the low water level .

The altitude difference is setting by the height of the water tower (5-150m) and the water level control height (20-1000mm)

Application : Level control of high water tower

### Features at a Glance

Standard Features

1. Single chamber and Globe type main valve;
2. Ductile Iron EN-GJS-500-7 body and bonnet;
3. CF8/SUS304 Seat and Shaft;
4. EPDM gasket and diaphragm;
5. WRAS Epoxy powder coating;
6. PN10/16/25



### Main Valve -Fully Bore ( FB )

DN	L	H2	H1	W	Port
40	230	139	85	173	3/8"
50	230	139	85	173	3/8"
65	290	159	95	198	3/8"
80	310	179	102	226	3/8"
100	350	214	112	265	1/2"
125	400	278	127	307	1/2"
150	480	333	145	351	1/2"
200	600	600	172	436	3/4"
250	700	730	205	524	1"
300	850	850	232	606	1"

### Highlights:

1. Fully Bore with seat diameter as DN+2 mm
2. Stable working even if the flow close to Zero
3. High performance and strength Nylon enforce diaphragm
4. One Million cycle test and 64 bar burst test
5. Fully bore (FB), Reduce bore (RB) and Anti-Cavitation Device(ACD)
6. Higher than standard product test,
  - 6.1 Seat test :  $1.1 * PN + 1$  Bar
  - 6.2 Strength test :  $1.5 * PN + 1$  Bar
  - 6.3 Low pressure sealing test: 0.2 Bar
7. Automatic computer test with 1000 Hz Sensor
8. Smart control valve and Solution system
9. Specialsolution for technical support



## COMPANY INFORMATION



I Business area: fluid control products, technology and environmental protection products.

II Advanced CNC machining centers, professional process cells, wide-range welding equipment, automatic assembly lines and coating.

III China's standard reference unit, to participate in the development of relevant valve industry standards.



IV We have set up a research and development center in Houston, Texas, in the United States.

V Product Standard: GB, German Standard, American Standard, TUV CE, ISO 9001, ADWO-2000, TS, PED, WRC WRAS, KTW, API 6D, API609.

VI Main production: butterfly valve, ball valve, gate valve, check valve, globe valves, pipe fittings, manual / pneumatic / electric actuator, valve parts

## COMPANY FACTORY



01

21 years of professional experience

03

Independent research and development team  
28 top senior professional researchers

05

100% high level ex-factory inspection

07

2 years quality assurance, repair and replacement

4 factories

02

2 professional testing centers

04

High quality imported materials

06



## COMPANY QUALIFICATION



## COMPANY EXHIBITION



## Partners



## Delivery



## Payment



## FAQ

**Q: If I need quotation, what informations do we need?**

A: Valves' materials, Temperature, Pressure, Medium, Appllication System.

**Q: Can you provide actuators, what you have?**

A: Pneumatic, Electric, Hrdraulic, Solenoid Valves. RKSfluid actuators adopt USA technology. Which you need, just tell us.

**Q: What's your productive capacity?**

A: RKSfluid has four plants that can provide the products you need.

**Q: Production lead time**

A: Normal products have stock in 2~5 working days. Customized base on your need.

**Q: MOQ**

A: 1pc for all products.

**Q: How about the quality assurance?**

A: 100% quality test before delivery, 2 years warranty. Ensure your system working safety.

We got TUV, API, WRAS, CE, ISO certification.

Standard conform to DIN, ASME, BS EN, JIS, API, AWWA.

**Q: How could you provide quality service to our customers?**

A: RKSfluid own 27 years experiences and more than 70 R&D engineers provide technical support, model selection and installation guidance for you.