

## K200/R200 Pressure reducing valve

Pipeline systems need to provide a stable pressure to users

Pressure reducing valve automatically reduces a higher of inlet pressure to a stable lower outlet pressure, regardless of changing flow rate and /or varying inlet pressure.

Static pressure reducing: Even the flow is Zero and no user is using.

Less than 10% for one year acc. UL static test

Regulation accuracy:  $\pm 5\%$

Inlet pressure need be 1.5 bar higher than outlet.



- 1.Main Valve
- 2.Restriction
- 3.Needle Valve

4. Pressure Reducing Pilot
5. Ball Valve
6. Strainer

### Optional Features :

1. ball valve
2. Pressure Gauge
3. Position indicator
4. limit Switch

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	730	730	205	524	1"
300	850	850	232	606	1 1/2"

### Hightlights

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 :  $1.1 * PN + 1 \text{ Bar}$
  - 6.2 Strength test :  $1.5 * PN + 1 \text{ Bar}$
  - 6.3 Low pressure sealing test: 0.2 Bar
7. Automatic computer test with 1000 Hz Sensor
8. Smart control valve and Solution system

## **Why choose us**

1. we provides the most competitive solutions with the most professional technical support, the most comprehensive quality management and the most premium customer service.
- 2.We promise :  
Products warranty :24 months.  
Response : 24 hours on line with Every Day



## 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 QUALIFICATION





## COMPANY EXHIBITION



## Partners



## FAQ

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

A: Valves' materials, Temperature, Pressure, Medium, Applcation 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.