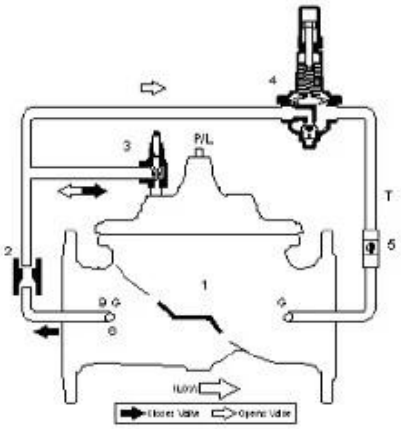
***Pressure-reducing valve*** is also called pressure-stabilizing valve, pressure-reducing pressure-stabilizing valve. No matter how the flow or pressure before the valve fluctuations and changes,The valve can be high pressure before the valve reduced to low pressure after the valve,and maintain stability; even if the valve no user water, can also maintain a stable outlet pressure (reduced static pressure).




**Features**

Fully bore globe pattern design, lowest head loss while fully open

Keep stable working condition even the flow rate close to zero

High sensitive and strength fabric reinforced diaphragm

- 1000000 cycles test between fully close and open with working pressure

- 5 times of working pressure destructive test

Most components are machined by CNC

Fusion bonded epoxy coating process is based on GSK & WIS standard

High standard production test

- Seal test: Low pressure 0.5 bar

High pressure 1.1xPN+1 bar

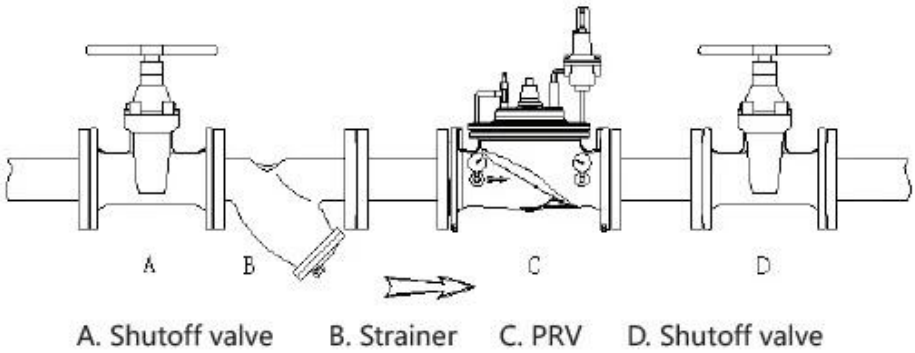
- Shell test: 1.5xPN+1 bar

- Pressure modulated vibration: +/-0.2 bar

Data collected automatically 1000 times/sec, display with static or dynamic chart

Easy installation, operation and free maintenance

Different materials with WRAS/KTW/NSF/FDA/ACS certification to meet different market




**Application Area**

urban water supply and industrial agricultural water transmission lines,etc.

**Working Principle**

pressure reducing valve is an accurate and pilot controlled valve It can be reduce a high inlet water pressure to a steady downstream pressure regardless of the inlet water pressure chanding.

| | |
|---|---|
| Size | DN40-DN1200 |
| Working Medium | Water |
| Temperature | 0℃~70℃ |
| Material | Ductile Iron/Stainless Steel/Cast Steel/Bronze/Aluminum Alloy |

| DN | L | H | H1 | DN | L | H | H1 |
|---|---|---|---|---|---|---|---|
| 40 | 230 | 139 | 85 | 250 | 730 | 476 | 205 |
| 50 | 230 | 139 | 85 | 300 | 850 | 526 | 232 |
| 65 | 290 | 159 | 95 | 350 | 980 | 585 | 262 |
| 80 | 310 | 179 | 102 | 400 | 1100 | 624 | 292 |
| 100 | 350 | 214 | 112 | 500 | 1250 | 720 | 360 |
| 125 | 400 | 278 | 127 | 600 | 1450 | 835 | 424 |
| 150 | 480 | 333 | 145 | 800 | 1850 | 1110 | 515 |
| 200 | 600 | 407 | 172 | 1000 | 2250 | 1350 | 630 |

## 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
02
4 factories
03
Independent research and development team
28 top senior professional researchers
04
2 professional testing centers
05
100% high level ex-factory inspection
06
High quality imported materials
07
2 years quality assurance, repair and replacement

## COMPANY QUALIFICATION

## COMPANY EXHIBITION

## 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 20 years experiences and more than 70 R&D engineers provide technical support, model selection and installation guidance for you.