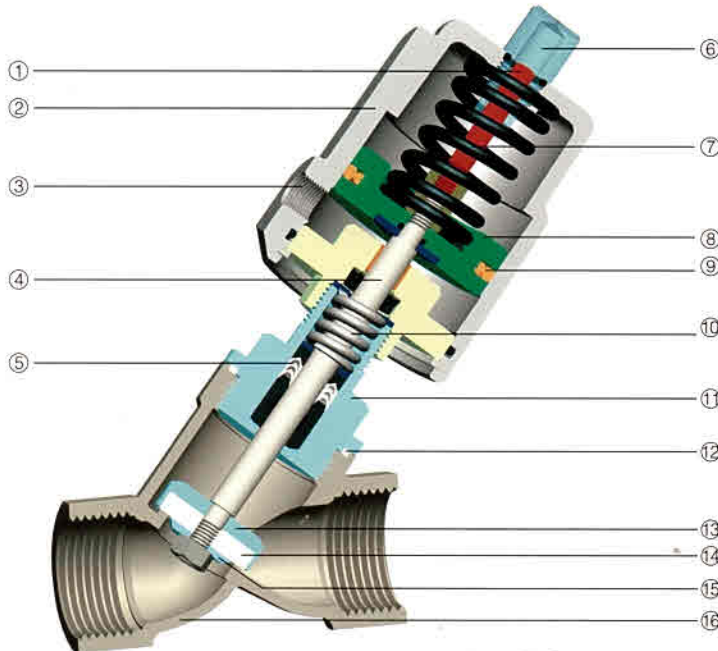


Pneumatic Angle Seat Valve



- ① Indication Rod (nylon)
- ② Actuator (CF8)
- ③ Pilot Port (1/8")
- ④ Stem (AISI316/304)
- ⑤ Stem Seal (PTFE)
- ⑥ Cap (PC)
- ⑦ Spring (Steel 65Mn)
- ⑧ Piston (Alu.alloy)
- ⑨ Piston Seal (Viton)
- ⑩ Seal Spring (AISI304)
- ⑪ Connecting Piece (CF8M/CF8)
- ⑫ Body Seal (PTFE)
- ⑬ Valve core (CF8M/CF8)
- ⑭ Seat (PTFE)
- ⑮ Gasket (AISI316/304)
- ⑯ Body (CF8M/CF8)

Function Principle

Valve is closed(open) with spring force, when the piston is actuated by compressed air, valve is open (closed). For the double acting type, the valve is open and closed by compressed air.

Applications

- Beer & Drinks Filling Machinery
- Textile Printing & Dyeing
- Gas Industry
- Pharmacy & Medical Equipment
- Chemical Industry
- Disinfection
- Frothing Equipment
- Water/Sewage Disposal

Advantages

- Large flux, low resistance, no water-hammer
- Y-type shape enlarged the flowing section, which could raise the flux by 30% and make flow more smooth.
- Super long life
- Which help the stem adjust and lubricate itself automatically.
- The cylinder material is stainless steel, lubricating automatically, 360° rolling freely.

Technical Data

| | |
|---------------------|--|
| Fluid Pressure | Max 1.6MPa(232psi) |
| Control Pressure | 0.3-0.8MPa (43.5-116psi) |
| Control Fluid | Neutral gas, Air |
| Body Material | CF8M/CF8 |
| Seals Material | PTFE |
| Actuator Material | CF8 |
| Actuator Size | 40mm, 50mm, 63mm, 90mm, 125mm |
| Applicable Fluid | Water, Alcohol, Oil, Fuel, Steam, Neutral gas or liquid, Organic solvent, Acid and lye |
| Fluid Viscosity | Max 600mm ² /s |
| Fluid Temperature | -10°C—+180°C, 25°C—+220°C |
| Ambient Temperature | -10°C—+80°C |
| Control Type | Normally closed, Normally open, Double acting |
| Connection | Threaded(BSP, BSPT, NPT), Welded, Flanged, Tri-clamp |