

- 1.Integral structure, ultra-thin design, full-diameter flow, not easy to leak, easy to disassemble
- 2.Movable sealing structure, good sealing performance, strong wear resistance, automatic compensation, long life
- 3.Fixed guide claw design, replacing the groove structure, not easy to accumulate, and prevent blocking
- 4.Double bearing design, small torque, frequent opening and closing, no vibration, no noise
- 5.Knife-shaped cutting edge, strong cutting force, self-cleaning function, suitable for fiber particle fluid

Technical Parameter

Nominal diameter: DN50~600MM (if other diameters are required, please specify when ordering)
Nominal pressure: 1.0 ~ 1.6Mpa (please specify when ordering if higher pressure is required)
Body material: carbon steel, stainless steel 304, stainless steel 316
Sealing material: PTFE, metal hard seal, hard alloy
Medium temperature: -20 ~ 150C
Connection method: to folder
Pneumatic actuator: straight stroke series
Mode of action: double acting, single acting normally closed, single acting normally open
Control mode: standard switch type, integral adjustment type, integral switch type, bus type

Remarks: other special sealing materials or special temperatures can also be designed and selected according to customer requirements

Specifications

Design basis: GB
design standards:GB/T12237
Structure length: GB/T12221
Flange connection: GB/T9113
Test, inspection standard: JB/T 9092

Material table of main parts

1. Valve body	2. Gate
3. Valve seat	4. O-ring
5. Valve seat cover	6. Packing
7. Packing gland	8. Bracket
9. Valve stem	10. Valve stem nut
11. Bearing	12. Support
13 .Pneumatic actuators	

Remarks: The materials of main parts and sealing rings are designed and selected according to actual working conditions or customer requirements

The scope of application of the Pneumatic knife gate valve has expanded from the general field to a broader range of industries. Coal preparation, gangue and slag discharge from mines and power plants. It has developed into urban sewage treatment, from general industrial pipelines to professional pipeline systems such as food, sanitation, and medicine. The ultra-thin knife gate valve completely solves the difficult problems of other types of valves such as large flow resistance, heavy weight, difficult installation, and large footprint with its advantages of small size, small flow resistance, light weight, easy installation, and easy disassembly. . Applicable media: gold ore powder, tailings, pulp, wood pulp, fiber, dust, chemical treatment sewage, sedimentation tank, ore, slag, coal slime, asphalt, silo export, fruit, grain, cement slurry, slaughterhouse wastewater Wait.

