



# RKSfluid®

A key Valve in Flow Control



Butterfly Valve

Ball Valve

Gate Valve

Globe Valve

Check Valve

Pipe Fittings

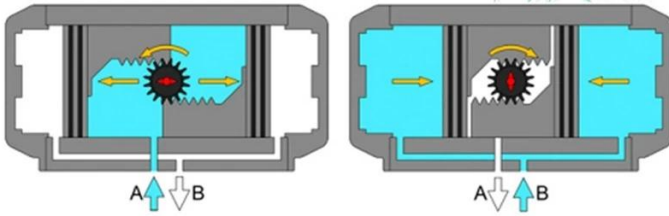
# Introduction



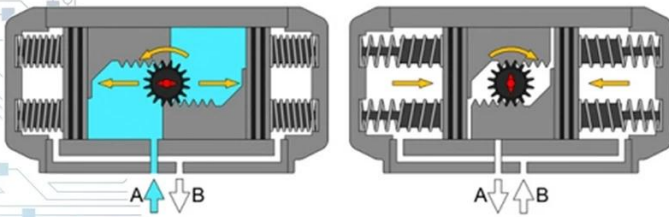
- 1 Indicator**  
Position indicator with NAMUR is convenient for mounting accessories such as Limit Switch box, Positioner and so on.
- 2 Pinion**  
The pinion is high-precision and integrative, made from nickel-alloy steel, full conform to the latest standards of ISO5211, DIN3337, NAMUR.
- 3 O-rings**  
NBR rubber O-rings provide trouble-free operation at standard temperature ranges. For high and low temperature applications Viton or Silicone.
- 4 Actuator Body**  
According to the different requirements, the extruded aluminum alloy body can be treated with hardanodized, powder polyester painted (different colors is available such as blue, orange, red etc.), plated.
- 5 End Caps**  
Die-casting aluminum powder polyester painted in different colors.
- 6 Bearings & Guides**  
Made from low friction, long-life compound material, to avoid the direct contact between metals. The maintenance and replacement are easy and convenient.
- 7 High Performance Springs**  
Preloaded coating springs are made from the high quality material for resistant to corrosion and longer service life, which can be dismounted safely and conveniently to satisfy different requirements of torque by changing quantity of springs.
- 8 Travel Adjustment**  
The two independent external travel stop adjustment bolts can adjust  $\pm 5^\circ$  at both open and close directions easily and precisely.
- 9 Pistons**  
The twin rack pistons are made from die-casting aluminum treated. Symmetric mounting position, long cycle life and fast operation.

# Working principle

## Double Acting Pneumatic Actuator



## Single Acting Pneumatic Actuator



# Application

-  Industrial water application
-  Power plant
-  Sea water desalination
-  Water treatment
-  Water supply and drainage
-  HVAC
-  Food and drug
-  Water transport





# Our Factory



The RKS fluid was founded in 1997. We are a production laboratory both for foundry and for mechanical processing, research and & development center and quality control center. Production facilities include numerical control work centers, professional processing cells, wide-spectrum welding equipment, automatic assembly and coating lines. We have created a team for design, research and & development. Our new test center as a public service platform



testing center in Liaoning province becomes the standard GB of the Chinese valve reference unit, to participate in the development of the related valve industry standards. In order to accelerate the expansion of business abroad and the integration of resources and to support the success of fluid sales of RKS in the United States, Germany and Russia. We have an American agent. Our product design standards include: GB, ISO, German and American standards, approved by TUV for CE and ADWO-2000, ISO9001, TS, API. Our products: manual, pneumatic and & ball valves, butterfly valves and electrically operated gate valves. Check valves, automatic control valves. Castings and fittings: valve bodies, hoods, disks, stems, gearbox, universal joints, flange adapters, saddle caps. After years of development, we continue to improve and seek innovation, adhering to "Proven technology, superior features and legendary value" as our product value philosophy. Customer satisfaction is our business goal!

## Exhibition Photos



# Our Certificates

