



# RKSfluid®

A key Valve in Flow Control



Butterfly Valve



Ball Valve



Gate Valve



Globe Valve



Check Valve



Pipe Fittings

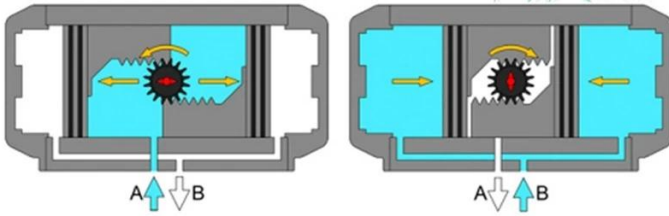
# Introduction



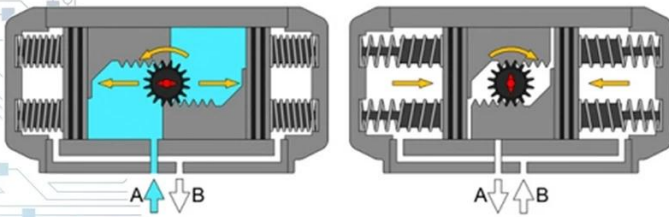
- 1 Indicator**  
Position indicator with NAMUR is convenient for mounting accessories such as Limit Switch box, Positioner and so on.
- 2 Actuator Body**  
According to the different requirements, the extruded aluminum alloy body can be treated with hardanodized, powder polyester painted (different colors is available such as blue, orange, red etc.), plated.
- 3 End Caps**  
Die-casting aluminum powder polyester painted in different colors.
- 4 Travel Adjustment**  
The two independent external travel stop adjustment bolts can adjust  $\pm 5^\circ$  at both open and close directions easily and precisely.
- 5 Pistons**  
The twin rack pistons are made from die-casting aluminum treated. Symmetric mounting position, long cycle life and fast operation.
- 6 Pinion**  
The pinion is high-precision and integrative, made from nickel-alloy steel, full conform to the latest standards of ISO5211, DIN3337, NAMUR.
- 7 O-rings**  
NBR rubber O-rings provide trouble-free operation at standard temperature ranges. For high and low temperature applications Viton or Silicone.
- 8 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.
- 9 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.

## Working principle

### Double Acting Pneumatic Actuator



### Single Acting Pneumatic Actuator



## Application







