



常熟科新自动化设备有限公司
CHANGSHU KEXIN AUTOMATION EQUIPMENT CO., LTD.

Changshu Kexin Automation Equipment Co., Ltd.
atpneumaticactuator.com

Rotary Rack And Pinion Type Pneumatic Actuator Control Valve

Our Product Introduction

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Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: xm,OEM
- Certification: CE,ATEX,ISO,SGS
- Model Number: DA,SR
- Minimum Order Quantity: 20
- Packaging Details: 1) foam packing inside,one carton box outside 2) then put all carton box in one strong plywood case for sea transport
- Delivery Time: 3-15days
- Supply Ability: 5000 sets per month



Product Specification

- Material: Extruded Aluminum Alloy
- Colour: Black, Gray, Blue, Or As Customers' Requirement
- Application: Ball Valve, Butterfly Valve
- Connection: ISO 5211,DIN 3337
- Structure: Rack And Pinion
- Type: Double Action And Single Action
- Product Name: AT Series Rack And Pinion Quarter-turn Pneumatic Rotary Actuator Control Valves
- Size: 32 To 400
- Highlight: rack and pinion type pneumatic actuator, pneumatic actuator control valve, rotary rack and pinion type pneumatic actuator



More Images



AT series rack and pinion quarter-turn pneumatic rotary actuator control valves

Pneumatic Actuator Construction

1, Indicator

Pneumatic actuator position indicator with NAMUR is convenient for mounting accessories such as Limit Switch box, and so on.

2, Pinion

Pneumatic actuator pinion is high-precision and integrative, made from nickelled-alloy steel, fully conform to the latest standards of ISO5211, DIN3337, NAMUR. The dimensions can be customized and the stainless steel is available.

3, Actuator Body

According to the different requirements, the extruded aluminum alloy ASTM6005The actuator body can be treated with hard anodized, powder polyester painted (different colors are available such as blue, orange, yellow etc.), PTFE or Nickel plated.

4, Endcaps

Pneumatic actuator Die-casting aluminum powder polyester painted in different colors, PTFE or Nickel plated.

5, Pistons

The twin rack pistons are made from Die-casting aluminum treated with Hard anodized or made from Cast steel with galvanization. Symmetric mounting position, long cycle life, and fast operation, reversing rotation by simply inverting the pistons.

6, Travel adjustment

The tow independent externaltravelstop adjustment bolts can adjust $\pm 5^\circ$ At both open and close directions easily and precisely.

7, High-performance springs

Preloaded coating springs are made from the High-performance trial for resistant to corrosion and longer service life, which can be denounced safely and conveniently to satisfy different requirements of torque by changing the quantity of springs.

8, Bearings & Guides

Aluminum Alloy Rack Pinion Pneumatic Actuator Air Quarter Turn Actuator ISO5211/DIN3337 made from low friction, long-life compound material, to avoid the direct contact between metals. The maintenance and replacement are easy and convenient.

9, O-rings

NBR rubber O-rings provide trouble-free operation at standard temperature ranges. For high and low temperature applications Viton or Silicone.

Product Application

AT series **Pneumatic Actuator** is made of dual pistons driven by racks and pinions. There are two models. One is Double Acting model, and the other is Spring Return model, Aluminum Alloy Rack Pinion Pneumatic Actuator Air Quarter Turn Actuator ISO5211/DIN3337 which can suit various flammable, corrosive, dusty, strong magnetic field, radiation, vibration corrosive environment indoor or outdoor.

Auto-control in the field of electric power, petrochemical, metallurgy, petroleum, gas, town, construction, drainage, chemical industry, oil refining, mining, power plant, metallurgy, architecture, medicine, food, gas, scientific research, etc.

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