



Ragon Industries (Pty) Ltd

INDUSTRIAL VALVE SPECIALISTS



DOUBLE ACTING / SINGLE ACTING
- Pneumatic Actuator



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The RAGON Pneumatic Actuator ranges from Ø32 ~ Ø800 mm with an output torque from 5 Nm ~ 100,000 Nm. Also Actuators can be supplied with accessories such as manual override, valve position feedback device, air pressure regulator-filter, etc.

FEATURES

1. **NAMUR** Position Indicator is convenient for mounting accessories such as Limit Switch Box, Positioner and so on.
2. The **PINION** is high-precision and integrative, made from nickelled-alloy steel, full conform to the latest standards of ISO5211, DIN3337, NAMUR. The dimensions can be customized and the stainless steel is available.
3. According to the different requirements, the extruded aluminium alloy ASTM6005 **BODY** can be treated with hard Anodized, powder polyester painted, PTFE- or Nickel plated.
4. **END CAPS** are Die-Cast aluminium powder polyester painted, PTFE- or Nickel plated. Yellow for Double Acting- and Red for Spring Return operations.
5. The twin rack **PISTONS** are made from Die-Cast aluminium, 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. The two independent external **TRAVEL STOP** adjustment bolts can adjust $\pm 5^\circ$ at both open and close directions easily and precisely.
7. Preloaded coated **SPRINGS** are made from high quality material for resistant to corrosion and longer service life, which can be demounted safely and conveniently to satisfy different requirements of torque by changing quantity of springs.
8. The **BEARINGS** and **GUIDES** are made from low friction, long-life compound material, to avoid the direct contact between metals. The maintenance and replacement are easy and convenient.
9. NBR rubber **O-RINGS** provide trouble-free operation at standard temperature ranges. For high and low temperature applications Viton or Silicone can be used.

OPERATING CONDITIONS

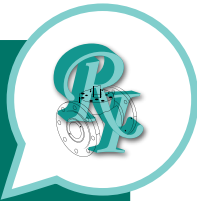
1. Operating media, Dry or Lubricated air, or the non-corrosive gases.
2. Maximum particle diameter must be less than 30 μm .
3. Minimum air supply pressure is 2.5 Bar.
4. Maximum air supply pressure is 8 Bar.
5. Standard Temperature $-20^\circ\text{C} \sim 80^\circ\text{C}$.
6. Low Temperature $-40^\circ\text{C} \sim 80^\circ\text{C}$.
7. High Temperature $-15^\circ\text{C} \sim 150^\circ\text{C}$.
8. Travel can be adjusted $\pm 5^\circ$ for rotation at 0° and 90° .
9. Can be used for indoor and outdoor.

CALL US NOW!

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