



## PNEUMATIC ROTARY ACTUATOR

### GT Range

ROTORK Pneumatic Rotary Actuator is designed with rack and pinion. The kinetic energy turns a linear movement into a rotary quarter turn operation. The opposed movement of the piston is protected, as performed in a cylinder on which extremities by the both end-cap.

Actuator Body	: Anodized aluminium ATSM 6063, UNI 10681, additional versions on request
End Cap	: Aluminium UNI EN1706, EN AC-46100, epoxy coated
Piston	: Aluminium UNI EN1706
Pinion	: Nickel plated steel AISI SAE 11L37 - ASTM B 656, stainless steel optional
O-Ring	: NBR, alternative Viton or Silicone
Pressure Range	: 2 Bar to 10Bar
Temperature Range	: -50°C to 70°C (NBR O-Ring - Guide Delrin) - Standard -15°C to 160°C (Viton O-Ring - Guide IXEF) - Special Version -30°C to 200°C (Silicone O-Ring - Guide PTFE) - Special Version
Stroke	: 90° with adjustment +5° or -5°
Connections	: Bottom drilling for valve accordance to ISO 5211, shaft top end and top drilling accordance to VDI / VDE3845
Accessories	: Solenoid Valve, Limit Switch, E/P Positioner, Disengageable Manual Override Gear Box

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