

## Actuators



### Rotary actuator Ø 12 ÷ 25 mm - R2 series

- Piston diameter: 12 - 16 - 20 - 25 mm
- Standard rotation angle: 90°, 180° with mechanical stroke adjustment
- Magnetic position sensors
- Cushioning in end-of-stroke positions adjustable on both sides (except for the smallest size)
- Compact structure (e.g. dimensions of the smallest model 46x65x28 mm)
- Operation with unlubricated compressed air also possible
- Construction: drive with a double piston with a rack



### Rotary actuator Ø 16 ÷ 40 mm, R3 series

- Piston diameter: 16 - 20 - 22 - 25 - 30 - 40 mm
- Adjustable rotation angle: 0° ÷ 180°
- Magnetic position sensors
- Versions: mechanical control of end-of-stroke positions, with hydraulic cushioning
- Operation with unlubricated compressed air also possible
- Construction: drive with a double piston with a rack



### Rotary actuator Ø 20 ÷ 40 mm - R4 series

- Piston diameter: 20 - 32 - 40 mm
- Adjustable rotation angle: 0° ÷ 180° (accuracy of adjustment +/-5°)
- Magnetic position sensors
- Versions: mechanical control of end-of-stroke positions, rotary connection with 4 ports can be installed in a pinion
- Operation with unlubricated compressed air also possible
- Construction: pinion - rack mechanism
- Service life: over 2 million cycles



### Rotary actuator TECNO - R5 series

- Adjustable rotation angle: 0° ÷ 180° (accuracy of adjustment +2°)
- Magnetic position sensors
- Versions: hydraulic cushioning in end-of-stroke positions
- Operation with unlubricated compressed air also possible
- Construction: drive with a double piston with a rack
- Service life: over 2 million cycles
- Weight: 0.53 kg (polymer material)



### Hydraulic brake BRK series for ISO 6431 Ø 40 - 80 mm actuators

- Braking force: 6000 N (standard version), 5000 N (version with valves)
- Speed: 10 ÷ 6000 mm/min
- Seals: NBR
- Versions: with a throttle valve, a check valve, with both valves, with shut-off valve
- Construction: for operation with actuators according to ISO 6431