

PNEUMATIC ROTARY ACTUATORS



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Custom designed to suit various applications



ABOUT ROTARY ACTUATORS

The Rotary Actuator is a low maintenance unit. It is available with either a double crank mechanism for modulating control or a scotch yoke mechanism for on / off duty.

The main shaft assembly on the double crank design is welded together and therefore does not have to be assembled/disassembled.


The actuator is field reversible from clockwise-to-close to clockwise-to-open and has Namur mounting for switch packs or positioners on the top shaft and transfer case lid.

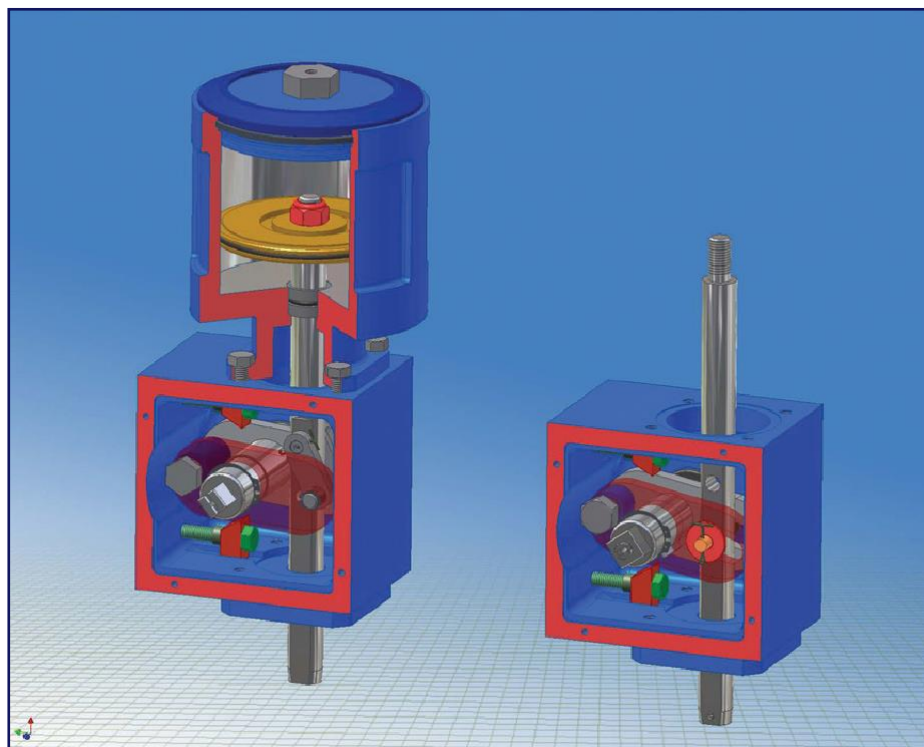
- Pneumatic piston design
- Double crank, scotch yoke
- Up to 250 000 Nm torque
- Engineered and fitted to most valves
- Available in large sizes

INDUSTRIES AND APPLICATIONS

- Petrochemical
- Mining
- Food
- Breweries
- Pulp and paper
- Power generation
- Iron and steel

KEY FEATURES AND BENEFITS

| Model | Key features | Key benefits |
|---|---|---|
|  | Choice of double crank or scotch yoke mechanism | Can select best mechanism for optimum control and cost effectiveness |
| | Square drive | Actuator can be mounted perpendicular to or inline with pipework |
| | Field reversible from clockwise-to-close to clockwise-to-open | Base mounting of actuator irrespective of valve type and fail action |
| | Adjustable end stops | End position can be externally adjusted in both open and closed position to within 7° |
| | Pressure seals are all simple 'O' rings | Low maintenance costs |
| | Single spring design - pre-stressed in detachable pack | Easy to assemble and to disassemble |
| | Namur mounting details on top shaft and transfer case lid | Standard bracket for all positioners and accessories - no coupling required |



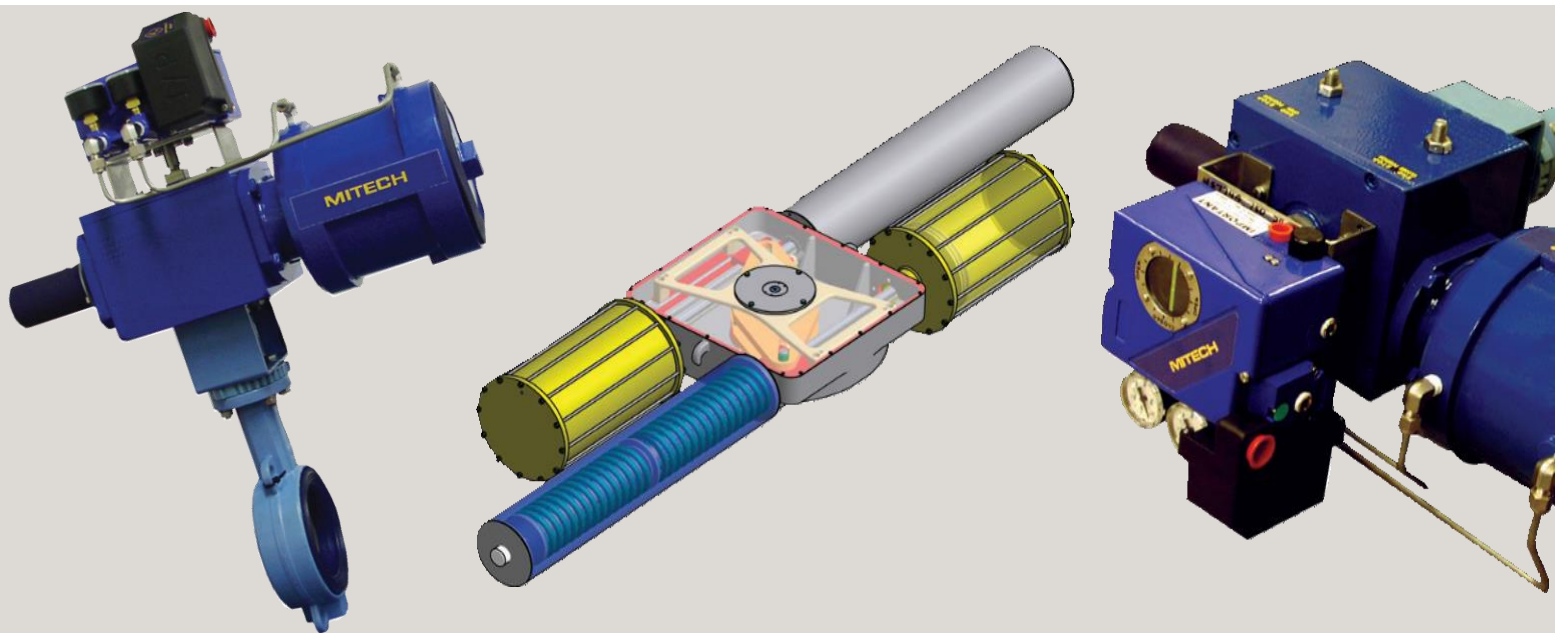
DOUBLE CRANK

SCOTCH YOKE

ACTUATOR TYPE

| Mechanism | Application | Advantages |
|--------------|--------------------|---|
| DOUBLE CRANK | Modulating control | <ul style="list-style-type: none"> * High run torques * Negligible backlash * Low friction |
| SCOTCH YOKE | On / off duty | <ul style="list-style-type: none"> * High end torques |





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