

CONTROL VALVE QUARTER TURN ACTUATOR



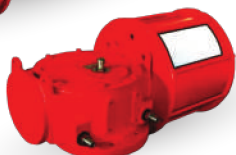
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Pneumatic Actuator
Single Acting Type



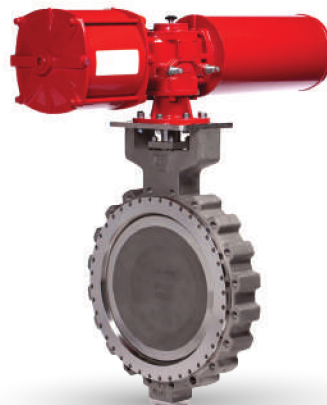
Pneumatic Actuator
Double Acting Type



Hydraulic Actuator
Single Acting Type



Scotch & Yoke Actuator



SCOTCH YOKE TYPE PNEUMATIC & HYDRAULIC ACTUATOR

Certificated by CE-ATEX/SIL3

The pneumatic & hydraulic actuators range consist of 10 sizes actuator frame with different sizes piston with output torque from 600 Nm to 226,000 Nm.

Bottom drilling complies with ISO5211/DIN3337 to match the valve. Top drilling are in accordance with VDI/VDE3845 (NAMUR standard) and $\pm 10^\circ$ stroke adjustment.

The ductile iron actuator frame & carbon steel piston, Removable modules design, Anti-corrosive painting, The inner surface of cylinder is coated by PTFE. Pre-loaded spring module, Rollers be used between the yoke arm and pin, Replaceable bearings protect sliding and rotating components.

The hydraulic override & manual override are optional.



IP67 enclosure (standard), IP68 (Tested at 30meters @24hours)
& ExdII BT6 (certificated by ATEX)

Approved by:
LVD - Low Voltage Directive 2006/95/EC
MD - Machinery Directive 2006/42/EC
EMC - Electromagnetic Compatibility Directive 2004/108/EC

QUARTER TURN ELECTRIC ACTUATOR

SIL3 Approval

15 models, The output torque from 50 Nm up to 6,000 Nm.

Bottom drilling complies with ISO5211 / DIN3337. Hard anodized treatment on both inside and outside of the housing coated with epoxy.

Manual override auto declutch mechanism, Self-lock gear mechanism.

Power supply : 1Ph/220VAC or 3Ph/380VAC as standard (Optional in 1ph/110VAC, 3ph/440VAC, 24VDC/VAC)
Control power supply : 24VDC or 220VAC.

Standard accessories : Anti condensation space heater, Auxiliary limit switches, Auxiliary torque switches.

Local control unit is optional. Modbus, Profibus, Canbus, Fail Safe ...etc. is optional

*Specification given are subject to changed without further notice.