

Electric Actuators

Rotary Electric Actuators are electromechanical equipment that substitute with high reliability manual valve operation on:

- Sites with difficult access or high danger to the operator
- Cases demanding high actuation torques
- Conditions requiring fast positioning, especially on valves with large total number of turns
- Work regime with high frequency of maneuvers
- Automatic process control whose valves operate in two extreme positions or with modulated intermediary repositioning

Our electric actuators are available in 4 torque ranges for operations of type drawer, guillotine, globe, butterfly, sphere and male, among other valves, whose torques are in the 20 to 80 Nm range (for AR and AL models) and 150 to 1850 Nm (for AD model), and rotations between 6 and 48 rpm. Superior torques can make use of additional adapted stages of gear coupled to the actuator output axle. All models are equipped with protection systems against excessive load or when foreign objects intervene on its course. These systems automatically turn off the motor hence protecting the actuator/valve system.

Our Rotary Actuators are designed and constructed under special criteria and present as major features:

- Simplicity
- Sturdiness
- Long lasting
- Protection of components against environment
- Easy maintenance
- Precise positioning
- IP65 protection degree

Application

- Oil refineries
- Petrochemical industry
- Sugar and ethanol
- Pharmaceutical industry
- Chemical industry
- Cement, glass and steel industries
- Piping for water, natural gas and oil transportation
- Water and sewage treatment stations
- Offshore oil prospecting and exploration platforms
- Air conditioning units
- Pneumatic transportation lines



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