ACTUATORS

ELECTRIC ACTUATORS

ATEX classified

220V, 380V, 400V AC

24V DC

PNEUMATIC ACTUATORS

ATEX classified

Operating pressure 2, 5 – 10 bar

Double acting or spring return

AXELVALVES offers a wide range of actuators, from well-know international manufacturers, with the highest quality. This enables us to recomend the best suited actuators for the application, that comply with our customers needs.

APPLICATIONS

POWER

OIL & GAS

PETROCHEMICAL

CHEMICAL

MARINE

PULP & PAPER

CRYOGENICS

MINING

CONSTRUCTION

FEATURES

- For On-Off and modulating.
- Mounting face according to international standard ISO5211.
- The valves can be mounted with actuators according to the customer's specifications.
- All actuators, as well as solenoid valves, switch boxes and positioners, are certified for us in the EU and Russian Federation.
- High-quality materials for long working life and optimum corrosion proofing.

AXELVALVES

AUMA MULTI-TURN ACTUATORS

AUMA SA(R)07.2-16.2,

Whether for open-close duty (SA) or for modulating duty (SAR), or for use in potentially explosive areas (SA ... ExC), a large number of features are available.

DESIGN FEATURES:

- Torque range from 10 Nm to 32,000 Nm
- Output speeds from 4 to 180 rpm
- Limit and torque sensing
- Available with 3-ph AC, 1-ph AC and DC motors
- Hand-wheel for manual operation

AUMA PART-TURN ACTUATORS

AUMA SGC(R)05.1-12.1

Whether for open-close duty (SG1) or for modulating duty (SGR1), or for use in potentially explosive areas (SG ... ExC), a large number of features are available.

DESIGN FEATURES:

- Torque range from 100 Nm to 1,200 Nm
- Swing angles from 80° to 110°
- Operating times for 90 ° from 4 s to 70 s
- Limit and torque seating
- 3-ph AC, 1-ph AC and DC motors
- Hand-wheel for manual operation
- Mechanical position indicator

AXELVALVES

ROTORK MULTI-TURN ACTUATORS
ROTORK IQ3, IQ3M

DESIGN FEATURES:

- IQ3 multi-turn electric actuators can be used for isolation or regulating duties of up to 60 starts per hour. IQ3 actuators can be supplied as watertight or explosion-proof, watertight variants
- Direct torque output range from 34 Nm (25 lbf ft) to 3,000 Nm (2,200 lbf ft)
- With the addition of second stage gearboxes, multi-turn output torque up to 43,000 Nm and quarter turn up to 1,000,000 Nm is available
- Enhanced sealing and maintenance access
- All new design with updated visual appearance
- Absolute position measurement with naturally redundant position sensor
- Best in class display, communications, diagnostics and HMI

- Configurable using Bluetooth® or infra-red
- Designed to support asset management
- ”Future Proofed” to allow all embedded software to be upgraded in the field
- Insight2 provides enhanced product data management
- Integrated plug and socket option available

ROTORK PART-TURN ACTUATORS
ROTORK IQT, IQTM

DESIGN FEATURES:

- Torque range 50 to 2,000 Nm (36 to 1,475 lbf-ft).
- Available for three-phase, single-phase or DC supplies
- Variable output speed
- Multiport controller option
- Secure self-locking output for butterfly valves and dampers without the use of additional brakes

REMOTE CONTROL ACTUATORS

Given our close cooperation with Rotork we are able to install / test and provide you with RC high tech. pneumatic actuators for all our valves.

Actuators for a multitude of applications where the demands are high when it comes to safe operation and reliability. Our RC actuators also have SIL-3 classification.

RC200 PNEUMATIC ACTUATOR

For On-Off and modulating. Compact design, double acting or single acting with spring return.
10-3,800 Nm

RCG90100 PNEUMATIC ACTUATOR

For On-Off and modulating. Strong, compact actuator for large valves and high torques. For industry and Offshore.
2,400-15,250 Nm

RCC200 PNEUMATIC ACTUATOR

For On-Off and modulating. Expoxy painted steel actuator. For industry and offshore.
10-900 Nm

RCC200 FIRESAFE PNEUMATIC ACTUATOR

An extreme heat resistant actuator. For safety in the event of fire. Temperature range: Continuous 0 to +150 °C.
+1050 °C up to one hour.
25-150 Nm

RCT PNEUMATIC ACTUATOR

For On-Off and modulating. Compact, extra corrosion protected aluminum actuator. For industry and offshore.
10-7,600 Nm

RC200M1 MANUAL OVERRIDE

The best and most compact override on the market. Safe operation or blocking of valve.

RCG90100M1 MANUAL OVERRIDE

The best and most compact override on the market. Safe operation or blocking of valve.

RC88 PNEUMATIC ACTUATOR

For On-Off and modulating. Strong, compact actuator for large valves and high torques. Double acting or single acting with spring return.
2,500-7,600 Nm

ROTORK PNEUMATIC ACTUATORS

ROTORK GP&GH RANGE PNEUMATIC AND HYDRAULIC ACTUATOR

For On-Off and modulating. Steel actuator for large valves and high torques. For industry and offshore.
500-600,000 Nm

TWINPOWER PNEUMATIC ACTUATOR

For multi-turn valves. Rugged and withstanding design. For industry and offshore.
20-800 Nm

RCE-SR ELECTRIC ACTUATOR WITH SPRING RETURN

For On-Off and modulating where compressed air is missing. For tunnel ventilation, district heating plants, oil and gas tank farms.
60-2,940 Nm

RCEL005/005L ELECTRIC ACTUATOR

For On-Off and modulating. Compact actuator for small valves. Epoxy painted aluminum. Self locking warm gear. Limit switches.
50 Nm

RCEL006250 ELECTRIC ACTUATOR

For On-Off and modulating. Epoxy painted aluminum. Self locking worm gear. Limit switches.
58-2,450 Nm

RC-IND LIMIT SIGNAL SENSOR

Inductive double sensor and indicator puck. For open and closed position. Mounting acc. to VDI/VDE 3845. Easy mounting.

RC-E10 SWITCH BOX

For open and closed position. Mounting acc. to VDI/VDE 3845. A price worthy
Switch Box for less demanding applications.

RCE4L / RCE4 SWITCH BOX

For open and closed position. Mounting acc. to VDI/VDE 3845. For rough industry environments. Temperature range from -25 to +140 °C.

RC1990 SWITCH BOX EXPLOSIONPROOF

For open and closed position. Epoxy painted ductile iron.
For extreme industry or offshore environments. Mounting acc. to VDI/VDE 3845.
Temperature range from -55 to +110 °C.

All actuators in this catalogue are recommendations for our valves, we are always able to install any requested actuator on our valves according to customer requests

DN 40
PN 40
ALC-4
Body CF8M
1.4460 + Cr
Seat PTFE53
028403037
Project No. AL-1166-007

COMBI K4

DN50
16
WOB
AXEL