Actuators

General Information:

nave to function first time every time, of en under very difficult circumstances. One actuator may perform hundreds of cycles 24 hours a day, whereas another may open and close just once a month - then they stay open for months on end, but still be ready to shut down instantly on a failure signal.

The extremes of temperature bare ate in a wide variety of applications; the

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The extremes of temperature, harse uty and corrosive atmospheres where autuators are often applied demand the higher attention to the quality of design and manufacture.

Operating principle

Pneumatic actuators come in the e acting and single eturn). Both versions are designe that (with the exce the outside.This mak position indicator) there are no movi easy to instalt and virtually maintena urthermore, the comp re lightweight and occupy a pimion construction means that actua pace.

tandard Specification

- Pressure 0.2 to 14 bar
- 90°C With optional high and low temperature trips ature -20°C vailable
- Output torques to 6,000,000 lb-in (000 Nm) for d uble-acting model 000,000 lb-in (339,000 Nm) for spi <mark>Materi</mark>als Housing Aluminium alloy eturn mo
- aft: Hard anodized aluminium alloy
- Finish 2-component polyurethane Lyrespan Winimum of 500,000 cycles

Scots, Joke actuators are designed to operate ba<mark>ll, butterfly, plug and othe</mark>r valves which require a quarter-turn movement for ather only off or throttling service. The standard symmetrical design is used for an Scotch Yoke actuators.

Rack and Projon Actuators are designed to operate ball, butterfly, plug and other valves, which require a quarter-tern provement for either on/off or throttling service. Offering the most economical solution when valve torque requirements are more or less constant throughout the stroke

Linear actuators offer the advantages of compact size, high performance and a simple but highly reliable design, and are ideal for operating on/off and control functions of both globe and wedge gate valves.

Brands: ROTORK **AUMA EL-O-MATIC** other...



