



4th Generation

Stainless Steel Actuators



AIR TORQUE
PNEUMATISCHE STELLANTRIEBE

FORGED STAINLESS STEEL Rack and Pinion Actuator

The Air Torque „S“ Series stainless steel actuators are a corrosion resistant rack and pinion actuator particularly engineered for corrosive environments or sanitary. They are manufactured by using forged high quality stainless steel body material in A182 F316/ EN10088/3 1.4401

Appropriate Field of applications:

- Food Industry
- Pharmaceutical
- Sanitary
- Cosmetics
- Enology
- Marine and Offshore Plant
- Corrosive environments

These actuators are manufactured in Double acting and Spring Return versions.

The stainless steel actuators are also available with optional polished surface, particularly for Sanitary and Pharmaceutical applications.



FEATURES AND BENEFITS

- High performance
- Full compliance with worldwide latest specifications
- Simple, compact and modern shape to avoid cavity contamination and corrosive deposit build up
- Integral drive shaft made of AISI 316
- Two independent external travel stop adjustments, of $\pm 5^\circ$ in both, open and close positions
- Dual piston rack and pinion design for compact construction, symmetric mounting position, long life cycle and fast operation. Reverse rotation can be performed on site by simply inverting the pistons
- Modular preloaded spring cartridge design. With coated springs for simple versatile range, greater safety and corrosion resistance

OPTIONS

1. Polished surface particularly for Sanitary and Pharmaceutical applications.
2. Stainless steel pistons and spring cartridges.
3. Maximum supply pressure up to 15 bar when supplied with stainless steel pistons.

For technical data see chapter 6, page 0619e and 0620e.