



## LINEAR ACTUATOR

# PNEUMATIC AVAMO AL

Our AVAMO AL actuator series features typical linear actuators which will be produced according to customer requirements. We will not have a typical standard due to the fact that all globe or gate valve manufacturers have their own philosophy and stroke length of the valve.

The actuator is designed for great longevity, ensured by nickel or Ionit Ox plated cylinders. Chromium plated rods and custom paint jobs provide an excellent protection against corrosion.

The AL series can be used for on/off or modulating applications. It is available in double- or single-acting versions and delivers forces up to 5.500.000 N.

### **Versatility**

AVAMO AL actuators have a modular design and can be equipped with several options. The linear actuator can be driven by air, gas or oil and is either available as single- or double-acting version. We also apply a spring cylinder for emergency-shut-down-applications if necessary. The cylinder can be fitted on either side of the actuator to create a fail-close or fail-open configuration.

# Features

Design	Piston actuator
Control pressure	Pneumatic up to 12 bar Hydraulic up to 350 bar Natural gas up to 200 bar
Force	Up to 5.500.000 N
Temperature range	-30° - +110°C (standard) -40° - +60°C (low temp) -60° - +60°C (extreme temp) 0° - +160°C (high temp)
Cylinder	Cylinder with nickel plated running surfaces against corrosion providing a long lifetime for gaskets
Function	Double- or single-acting
End Stops	optional
Available options	Manual hand wheel / Hand pump Fully automated Custom paint specifications Adjustable and leak free end stops
Stroking times	< 0,5 seconds
Certifications	ATEX 2014/34/EU PED 2014/68/EU Applicable up to SIL 3 as per 61508 Machinery Directive 2006/42/EC TR-TS approval

