



## ROTARY ACTUATOR

# COMPACT AVAMO ACP

The AVAMO ACP compact Scotch Yoke actuator has been developed for both on/off- or modulating-operations and is available as a single- or double-acting version in a compact design. The unique design ensures optimal performance to operate ball, butterfly and plug valves even in the harshest environments.

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

The ACP series can be used for on/off or modulating applications. It is available in a single- or double acting version and provides forces up to 4.500 Nm of torque.

### Versatility

AVAMO ACP actuators have a modular design and can be equipped with several options. The Scotch-yoke mechanism can be driven by an air or gas cylinder and is either available as a single- or double-acting version. We also fit a spring inside of the cylinder for emergency-shut-down-applications if necessary. This creates either a fail-close or fail-open configuration.

# Features

Design	Symmetric Scotch Yoke design
Control pressure	Air or dry sweet natural gas: up to 12 bar
Torque	up to 4.500 Nm
Temperature range	-30° - +110°C (standard) -40° - +60°C (low temp) -60° - +60°C (extreme temp) 0° - +160°C (high temp)
Body	Maintenance free, corrosion protected cast iron construction
Cylinder	Corrosion protected cylinder surface providing a long lifetime for gaskets
Function	Double- or single-acting
End Stops	Adjustable leak free end stops +/- 5°
Available options	Manual hand wheel (integrated in endcaps) Fast stroking times Fully automated Custom paint specifications
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

