



## ROTARY ACTUATOR

# GAS OVER OIL AVAMO ASGO

The AVAMO ASGO actuator series is designed to drive a hydraulic actuator by natural gas. By pushing down oil in a vertical vessel by gas, the two mediums stay separated and the pressure gets transferred. The used actuator is our field proven AS range with a scotch yoke mechanism.

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 ASGO series can be used for on/off or modulating applications. It is available as a double-acting version and delivers torque up to 600.000 Nm.

# Features

Design	Symmetric or canted Scotch Yoke lever
Control pressure	Natural Gas up to 200 bar
Torque	up to 600.000 Nm
Temperature range	-30° - +110°C (standard) -40° - +60°C (low temp) -60° - +60°C (extreme temp) 0° - +160°C (high temp)
Centre body	Maintenance free, corrosion protected, welded construction
Cylinder	Cylinder with nickel, chromium or Ionit Ox plated running surfaces against corrosion providing a long lifetime for gaskets
Function	Double- or single-acting
End Stops	Adjustable leak free end stops +/- 5°
Available options	Manual emergency override Sour gas version etc.
Stroking times	< 0,3 seconds
Certifications	ATEX 2014/34/EU PED 2014/68/EU Applicable up to SIL 3 as per 61508 Machine directives 2006/42/EG TR-TS approval

