



ROTARY ACTUATOR

ELECTRO-HYDRAULIC AVAMO ASEH

The AVAMO ASEH heavy duty self-contained electro-hydraulic Scotch Yoke actuators have been developed for both on/off- or modulating-operations and are available as a single- or double-acting version. ASEH actuator solutions are used when there is only electrical power available. The actuators operate ball, butterfly or plug valves with torque up to 600.000 Nm.

Our standard version consists of a compact and maintenance-free design with a SMART Control Unit. The SMART Control Unit is ready for hardwired communication as well as for MODBUS or Profibus communication.

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.

Features

Design	Symmetric or canted Scotch Yoke lever
Control pressure	Hydraulic up to 350 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
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

