



## ROTARY ACTUATOR

# SERVO-ELECTRIC AVAMO ASE

The AVAMO ASE actuator series combines the reliability of the Scotch-Yoke actuator with a powerful servo-electric engine. In projects where pneumatic or hydraulic driven actuators cannot be used, the ASE is the perfect solution. Thanks to its smart engine the actuator is fully remote controlled and observed. It always knows its position and operating conditions like the amount of torque it currently provides. No further accessories like limit switches are required.

The modular design allows a quick production and compatibility to other AVAMO AS actuators. So existing actuators can easily be adapted to meet new demands. The AS series is used for on/off- or modulating-applications. It is available as a double-acting version and provides up to 60.000 Nm of torque. In case of a power failure the actuator also can reach fail-positions if equipped with an optional battery pack.

The actuator is designed for longevity, ensured by bronze slide blocks and ball screws. Chromium plated rods and custom paint jobs provide an excellent protection against corrosion.

# Features

Design	Symmetric or canted Scotch Yoke lever
Power supply	400V AC
Torque	up to 60.000 Nm
Temperature range	-15° - +55°C (standard) -40° - +80°C (extreme temp)
Centre body	Maintenance free, corrosion protected, welded construction
Drive	anti-static belt drive
Function	double acting optional fail-safe function via battery pack
End Stops	Adjustable via servomotor
Stroking times	3,5 seconds
Certifications	ATEX 2014/34/EU Machine directives 2006/42/EG

