



General features (standard execution)

Material choice	Hard anodized aluminium body, nickel plated steel pinion, aluminium piston
Temperature range	-30 °C to +100 °C
Working pressure	3 - 8 bar
Output torque	12 Nm to 4816 Nm (higher output torques available on request)
Rotation	90° +-5°
Service life	Min. 500 000 cycles
Mounting (limit switches)	According to VDI/VDE 3845
Mounting flange	According to ISO 5211 □ According to DIN 3337 ◇ Adaptable by means of insert (A-series model A20 to A2100)
Executions	Double acting and spring-return Normally open and normally closed





Special executions

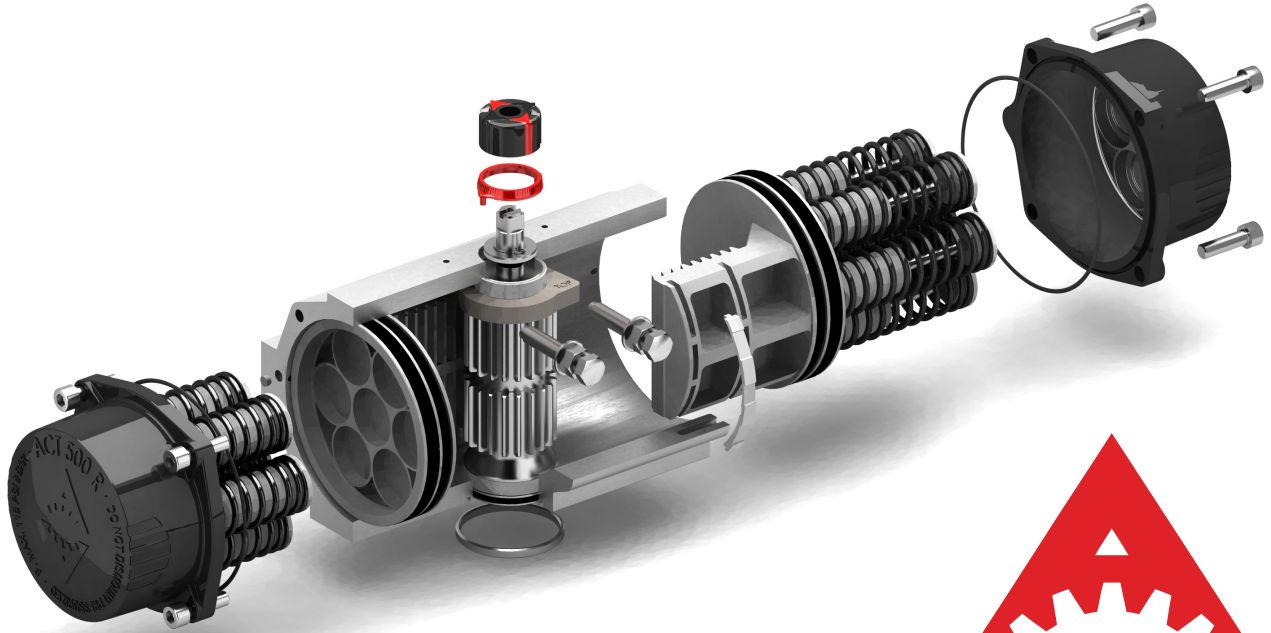
	180° actuator, 3-position actuator, temperature range from -60 °C to +150 °C, fire proof actuator, special seals, special coatings
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Materials

Body	Aluminium Finish: inside and outside hard anodised coating according to EN-ISO 12944-2 = 25-30µm
Shaft	Steel, electrolytically nickel plated
Covers	Aluminium, finish: 80-90µm epoxy coating
Pistons	Aluminium with anti-oxidation treatment

Certificates

   	ISO 9001 : 2008
	PED 2014/68/EU
	ATEX 2014/34/EU CE Ex II 2 GD c T5T100°C
	ATEX approval via Bureau Veritas
	SIL 3 according to IEC EN61508
	GOST-R certificate

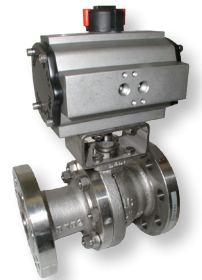
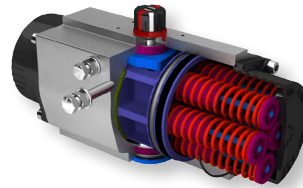


3-WAY

INSERTS

CROSS-SECTION

LONG PATTERN

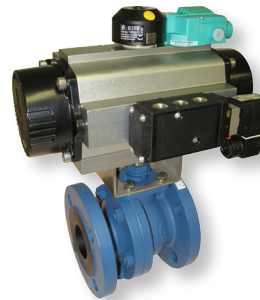
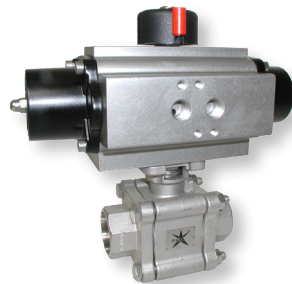


COUPLING & BRACKET

DIRECT MOUNTING

OPEN-CLOSED

WITH POSITIONER



SPEED CONTROL PLATE

BREATHER BLOCK

BLOCK & VENT SOLENOID

MANUAL OVERRIDE

