

ST5106/16



- NO - S3 Operating (< 50%)
- NO
- Brake necessary
- NO - Different gearing
- NO - Different motor with different power supply
- NO - Different actuators necessary
- NO
- NO
- NO
- NO
- NO
- NO
- NO
- NO
- NO
- 15kN (3380 lbf) / one version 20kN (4500 lbf)
- From -20° to 60°C
- Up to 80 mm (3inch) (only up to DN200)
- Only limit switches
- NO
- NO
- IP55
- NO

Mechanical without TÜV



FEATURE

- Operating 100% running time (24/7)
- Intelligent motor Controller
- Self-locking spindle
- One Gear for different forces, speeds and power supply
- One Motor for different forces, speeds and power supply
- Flexible supply voltage range
- Power supply easy to change
- Over force protection
- Modular construction
- Reducing the energy consumption up to 60% from Synchronous motor
- Flexibility
- NRTL Certification
- Actuating Forces
- Ambient Temperature
- Stroke
- Power switch, limit switches, additional between end position switchers
- Adjustable speeds
- LED display (power and operating direction)
- Protection class
- Corrosion resistant variant
- Fail-safe function



- YES - S1 Operating (100%)
- YES - Intelligent actuator
- YES
- YES
- YES
- YES - one actuator for supply 115V up to 400VAC
- YES
- YES
- YES
- YES
- YES - one actuator with 4 different speeds and for supply voltage 100-480V 50/60HZ
- YES
- 15 kN (3380 lbf), 22kN (4950 lbf) and 30 kN (6750 lbf)
- From -20°C to 70°C (-4°F to 158°F)
- Up to 100mm (4 inch) (for all RTK standard valves usable)
- All include as standard
- Four different speeds adjustable via DIP (from 0.3mm/s up to 1.4mm/s)
- External, visible for easy maintenance
- IP66; NEMA 4X
- YES

Mechanical without TÜV





FEATURE

Operating 100% running time (24/7)

Intelligent motor Controller

One gear, one motor, self-locking spindle

One actuator with 4 different speeds and for supply voltage 115VAC-400VAC

Over force protection

Modular construction

Motor BLDC

NRTL Certification

Actuating Forces of 15 kN (3380 lbf), 22kN (4950 lbf) and 30 kN (6750 lbf).

Ambient temperature range from - 20°C to 70°C (-4°F to 158°F)

Stroke to 100mm (4 inch) (for all RTK standard valves usable)

Separate force and limit switches for both directions plus 2 additional limit switches for customer

Three / four different speeds in one actuator as standard (from 0.3mm/s up to 1.4mm/s adjustable via DIP)

LEDs visible from the outside indicating power and operating direction

Protection class IP66; NEMA 4X

Corrosion resistant variant

Mechanical Fail-safe function (without TÜV)

Benefits



No breaks. Always ready to receive a signal to do the operating direction.

"Intelligent operating control system with more speeds, more interfaces in one actuator. And open doors für Industrie 4.0 and IoT."

Flexibility & saving cost due to "One stop shop"

Flexibility & worldwide supply voltage range usage.

Saves valve parts and actuator damages.

Can quickly adapt to changing conditions.

More efficient, reducing the energy consumption up to 60% from Synchronous motor.

For U.S.A and Canada markets.

Larger actuating forces range for medium-to-heavy applications with higher pressure drops or large or unbalanced valve trims.

Improving the previous range of temperature.

Flexibility usage in all RTK standard valves.

Flexibility offering limit switches for customer needs.

Flexibility in process operations.

Easy monitoring.

Less maintenance, due to the high protection for dust tight and powerful water jets.

Available for onshore applications and extreme or harsh environments.

Keeps your system safe in any situation.

