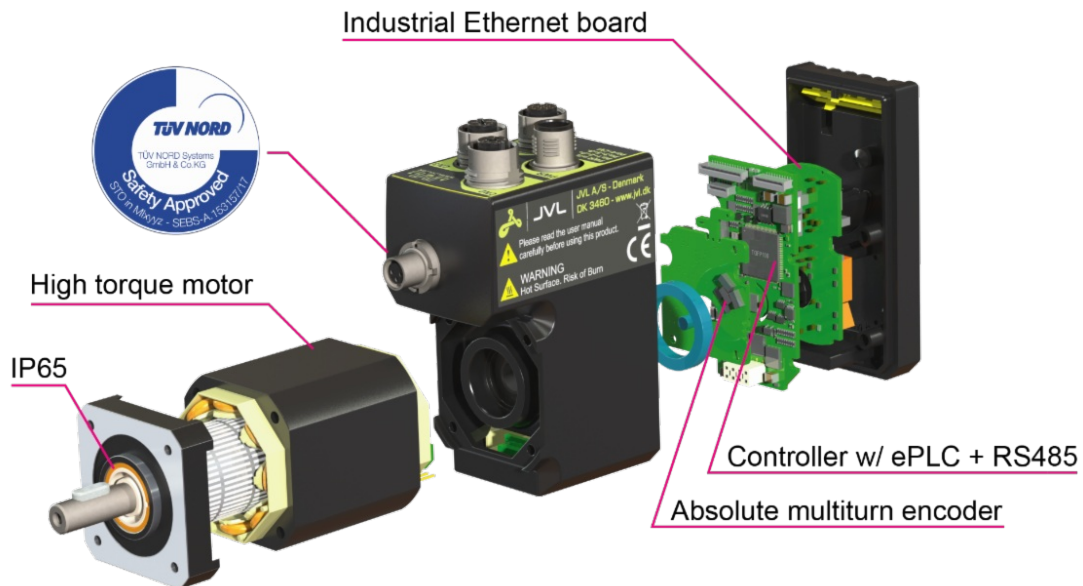


## All-in-One ServoStep Motors with Safe-Torque-Off TÜV-approved for Safety integrity level 3



MIS171-MIS176 ServoStep are NEMA17 programmable integrated ServoStep motors with closed-loop, Ethernet, multturn encoder.

With **speeds up to 3000RPM**, it offers the **highest microstepping resolution, position/velocity/torque servo-performance up to 0.8Nm**. Different shaft diameter, brakes and high IP protection make it ideal for machine adjustment or other demanding applications.

[Learn more...](#)

## CANopen for the ServoStep™ New firmware includes DSP 402 and Synchronization

The MIS motor range MIS17/23/34/43 and Stepper Motor Controller SMC66/85 now have a completely new firmware update including DSP402 where sync, interpolated position mode is supported.

- All motor functions available in CANopen through DS301 gateway objects
- Easy configuration and test of SDO and PDO from PC through JVL CANexplorer.
- DSP402 with Profile Position Mode, Velocity Mode, Homing Mode, and Interpolated Position Mode.
- TwinCAT 3 compatible



[Learn more...](#)

# Electric Actuators and Linear Movements

## New Integrated Spindle Drives with Absolute Multi-Turn Encoder

JVL offers two solutions for linear movements both with ServoStep motor.

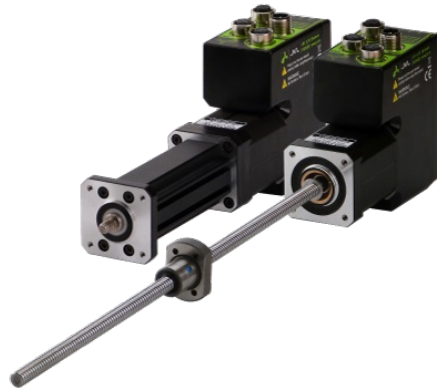
One is a piston style electric actuator perfect for replacing pneumatic actuators.

The other is an open spindle type for when you want to design your own guides. It is available with either a plastic nut for low duty cycle or a rolled ball screw for fast and precise movements.

### **Available types:**

- Electric actuator with piston (captive)
- Open spindle with external POM nut
- Open with rolled ball screw

[Learn more...](#)



Flow Products is your local authorized distributor and application specialist for all your hydraulic and pneumatic product and control system needs. Call us for additional information, technical training requirements and product application reviews.