

ServoStep

WWW.JVL.DK

JVL...integration in motion

State of the art - next generation NEMA 17 integrated steppers



JVL Industri Elektronik A/S is proud to announce a complete new generation of NEMA 17 integrated steppers.

This new motor family is based on previous designs and customer feedback collected for many years and offers a wide pallet of options and possibilities which should make this product fit into almost any application.

Key features:

- Very slim. Only 42 mm
- Industrial Ethernets - 6 protocols
- Closed-loop operation
- Absolute multiturn encoder
- Safe Torque Off (STO) input
- High resolution 409600 cnt/rev.
- Speed 0-3000 in 0.01RPM steps
- Electromechanical brake
- Wide supply range 7-72VDC
- Protection class up to IP65
- Connectors: M12 (top or rear end)

EtherCAT®

ETHERNET
POWERLINK

EtherNet/IP™

CANopen

PROFI
INDUSTRIAL ETHERNET
NET

SERCOS
the automation bus

8 Analog
Wireless
RS485
Pulse I/O
Dual Supp.
8 I/O
M12

Nano
PLC

Modbus

RS 485
2Mbit

PROFI
BUS

SSI
SYNCHRONOUS SERIAL INTERFACE



Bluetooth®

And more to come soon....



Accessories and options:



Integrated spindle (MIL17x)

Integrated Linear Stepper Motor. This motor can reduce cost, save space and reduce failure rate due to its simple construction. Captive, Non-captive and external linear with lead screw or rolled ball screw is available.



Power supplies and cables

Power supplies and cables for all types of set-up can be delivered as required. In this way installation is fast and easy for our customers. Please see our complete product line at www.jvl.dk.



Electric brake

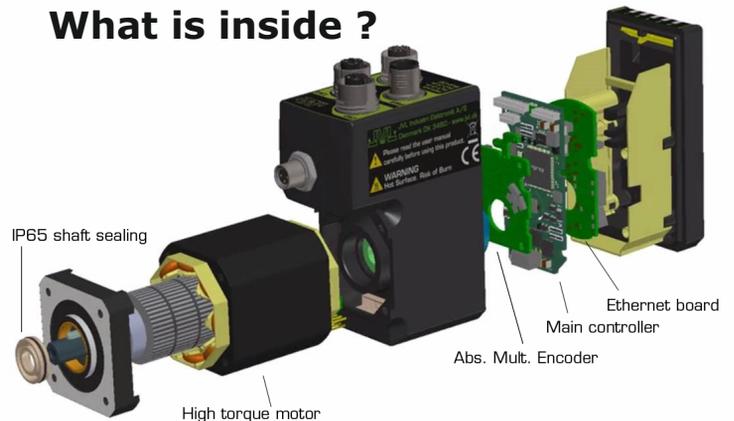
Optionally an electric brake, type MAB17x for all motors with NEMA 17. It is useful for holding the motor shaft fixed at power off or when the motor is used in vertical applications.



IP 65 protection

IP65 versions can also be delivered. They are resistant to rough chemicals and ideal for use in food processing, pharmaceutical, medico and chemical industries. Come with a maintenance free teflon shaft sealing, leak-proof cable entry and stainless steel shaft.

What is inside ?



Physical dimensions:

Motor Type	L1 [mm] Lenght	L2 [mm] Lenght
MIS171	73	0,8
MIS173	85,2	12,5
MIS176	106	33,3

