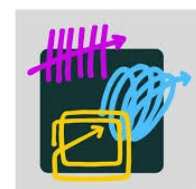




MAC404 and MAC1004

Next generation G3 - All-in-one integrated servo motors with closed-loop, ePLC, multiturn encoder and Ethernet.

NEW!



sps ipc drives

JVL A/S is proud to announce complete new generation of 400W and 1000W integrated servo motors called MAC404 and 1004 (G3). This new generation is based on a new control core but with the knowledge from previous designs and customer feedback for many years, and offers a wide pallet of options which makes this product fit into almost any application.

Key features:

- Lower cost than previous G1 and G2
- Complete new control core
- More compact design
- Industrial Ethernets - 6 protocols
- Ethernet load class III
- Faster Ethernet cycle. Down to 500 μ s
- Absolute multiturn encoder wo/Batt.
- Safe Torque Off (STO) input
- Electromechanical brake (option)
- Wide supply range 115/230VAC
- Protection class up to IP65
- Connectors: M8/12/16 industrial
- -20 to +70 $^{\circ}$ C Operation temperature*
- Higher duty cycle
- Higher efficiency
- Faster startup (maximum 0.5*/2s)
- 64bit position registers
- Prepared for integrated web server
- Prepared for Functional Safety:
 - STO, SS1, SS2, SOS, SLS, SLP, SDI,
 - SSM, SBC, PROFIsafe (Q1-2027).
 - CIP-safety for EthernetIP and SERCOS
 - FSoE for EtherCAT
- Prepared for PROFIdrive (2025 Q2)
- Prepared for Power over Ethernet (PoE)
- Faster Mactalk protocol
- ePLC Prepared multitasking+Int. (2025)
- Prepared for Profibus, CC-link etc.



JVL – your global partner



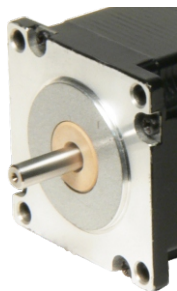
JVL A/S is a Danish company with subsidiaries in Germany, UK, USA and Turkey. And we have distributors and partner companies in more than 30 countries world-wide – sales and support are always nearby.

Accessories and options:



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.



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 flange and shaft.



And more to come soon.....

JVL A/S is a Danish manufacturer founded in 1986 and is the inventor of the integrated servo motor concept. Our focus is on developing state-of-the-art products for motion control. We are proud to be a certified supplier to the aerospace and automotive industries.

We offer two all-in-one ranges: Servo motors from 50 to 4500 W and ServoStep™ motors from 0.18 to 25 Nm. All motors are designed for IIot and are Industry 4.0 ready.

Software integration on all major platforms

