**OEM Automatic Ltd**
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## MBDV DC SERVO MOTOR

MBDV series low voltage DC servo motors, frame sizes from 40-130mm, power range from 100-1500W, IP65 rated

SM0402JSL-KCY-NNV
Frame size 40mm, 24Vdc, 100W, 0.32Nm, 16-bit inc. encoder, without brake



- Wide range of frame sizes 40-130mm
- Power outputs from 100-1500W (0.32-4.7Nm)
- Tuneless set up with MBDV controllers and Luna PC software
- Supports CANopen and RS485 comms with wireless AGV option
- IP65 protection with brake and STO options

### PRODUCT DESCRIPTION

MBDV series low voltage DC servo motors, frame sizes from 40-130mm, power range from 100/200/400/750/1000/1200/1300/1500W.
All motors are equipped with 16-bit high-resolution incremental type encoder, divided into single encoder and dual encoder models.
The motors feature a brand-new magnetic circuit design, higher motor efficiency, and are very compact in length compared to competitor products.
IP65 protection level

# TECHNICAL DATA

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|---|---|
| **Communication** | CANopen, Modbus |
| **Frame size** | 40 mm |
| **IP class** | IP65 |
| **Nominal speed** | 3000 rpm |
| **Nominal torque** | 0.32 |
| **Power** | 100 W |
| **Supply voltage** | 24 V |