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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

SM0804GSL-KCY-BNV
Frame size 80mm, 48Vdc, 1000W, 3.18Nm, 16-bit inc. encoder, with 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

Communication	CANopen, Modbus
Frame size	80 mm
Nominal speed	3000 rpm
Nominal torque	3.18
Power	1000 W
Supply voltage	48V