

## MBDV DC SERVO MOTOR

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

SM0402GSL-KCY-BNV  
Frame size 40mm, 48Vdc, 100W, 0.32Nm, 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

<b>Communication</b>	CANopen, Modbus
<b>Frame size</b>	40 mm
<b>IP class</b>	IP65
<b>Nominal speed</b>	3000 rpm
<b>Nominal torque</b>	0.32
<b>Power</b>	100 W
<b>Supply voltage</b>	48V