

## 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

|                |                 |
|----------------|-----------------|
| Communication  | CANopen, Modbus |
| Frame size     | 40 mm           |
| IP class       | IP65            |
| Nominal speed  | 3000 rpm        |
| Nominal torque | 0,32            |
| Power          | 100 W           |
| Supply voltage | 48V             |