OEM Automatic Ltd
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MSD DRIVING WHEEL

Modular fully integrated drive wheel range
specifically developed for mobile robots

MSD180-10-100-20GSL-B
180mm MSD driving wheel w/brake (high output version)



- 150-200mm drive wheels with brake option
- 24-60Vdc supply with built in 16-bit encoder - 2500ppr
- Delivers up to 50Nm at wheel at 2.8m/s
- STO (SIL3) function with dynamic and emergency braking
- Compact in size and quiet running with elastic suspension

PRODUCT DESCRIPTION

TECHNICAL DATA

Communication	CANopen
Dimension (mm)	180
Nominal current	25 A
Nominal speed	2000 rpm
Nominal torque	4.8
Outer diameter	180 mm
Power	1000 W
Ratio	10:1
Speed	1.9-2.4m/s
Supply voltage	24-60 V DC