Overview

Modular mobility solution

Wheel drives are widely used in various industries (medical, automation and mobility applications...), relying on its good performance and high level of integration.

A compact wheel drive consists of motor, gearhead, controller and wheel. All WD series integrated with motors of high power and gearheads of high efficiency provide high torque of output. Precise control of position and speed ensures the stability of system by maxon EPOS4 controller while customers can easily configure the parameters by EPOS Studio. In addition, customers will be able to use wheel drive with the communication interface of CANopen (standard) or EtherCAT (optional). It is noted that the wheel will not be designed or installed by any customer but integrated into the drive system in consideration of application convenience.

- Robust
- Modular
- Easy to use

Components

- Positioning and speed controller
- Brushless EC motor
- Gearhead
- Flange
- Wheel
- Holding brake
- Cable

Ordering information

WD - - - - - - - - -

Controller: 00: None
CA: CANopen
EC: EtherCAT

Type: 10, 25
Voltage: 24, 48
Ratio: 01

→ e.g. WD50-10-24-01-00