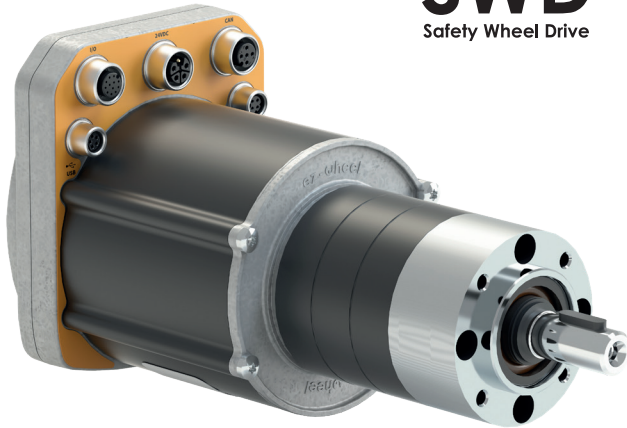


ezSWDcore.50x/C



- ✓ ez-Wheel® ezSWDcore.50x/C - SWD® Core
- ✓ featuring exclusive SWD® technology
- ✓ suitable for:
 - Robots
 - Pallet shuttles
 - Lifts
 - Conveyors

IP66
Index

SIL2
PLd
SIL3
PLe

 Functional
Safety

Technical characteristics

Speed range (traction)	0 to 36 rpm
Nominal performance	25 Nm at 28 rpm
Option(s)	Parking brake /B

Component specifications

Motor

Technology	BLDC PM
Gearbox	3-stages planetary ratio 50:1
Indicative lifespan*	5 000 h 1 500 000 starts/stops
Nominal speed	28 rpm
Nominal power	72 W (S1)
Peak torque	37 Nm

Safety features

Motor disconnection	STO SIL3/PLe
Motion control	SLS, SDI, SMS, SIL2/PLd
Braking	SBC SIL2/PLd
Encoder	1527 ppr SIL2/PLd
Interface	CANopen Safety®

Conditions of use

Temperatures	0 to +40 °C
IP index	IP66 (electronic housing)
Maintenance period*	5 years

The product can be used inside or outside, over a wide range of temperatures. The components do not need any inspection or maintenance over the product's whole lifespan.

Weight

Product weight	3.9 kg 4.7 kg with brake
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All values are subject to changes without prior notice.
 *: Values for reference, based on standard condition testing, may vary with different application cases.