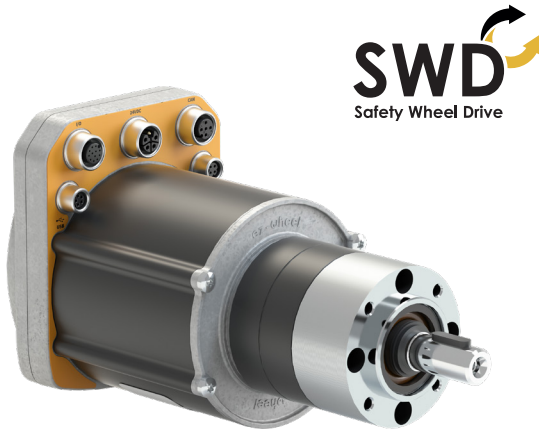


EW2A-000N14x

Ref. ezSWDcore.14x/C



SWD
Safety Wheel Drive



Technical characteristics

Speed range (traction)	0 to 130 rpm
Nominal performance	17 Nm at 100 rpm
Option(s)	Parking brake

- ✓ ez-Wheel® Safety Drive - SWD® Core
- ✓ featuring exclusive SWD® technology
- ✓ suitable for:
 - Robots
 - Pallet shuttles
 - Lifts
 - Conveyors

Component specifications

Motor



Technology	BLDC PM
Gearbox	2-stages planetary ratio 14:1
Indicative lifespan*	5 000 h 1 500 000 starts/stops
Nominal speed	100 rpm
Nominal power	185 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	412 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	3.6 kg 4.4 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.