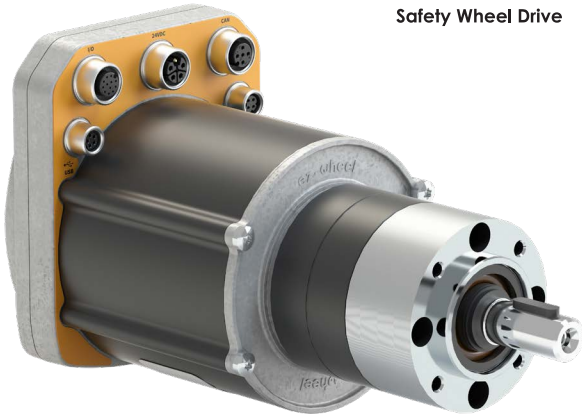


# ezSWDcore.25x/C



**IP66**  
Index

SIL2  
PLd
SIL3  
PLe

 Functional  
Safety

## Technical characteristics

<b>Speed range (traction)</b>	0 to 72 rpm
<b>Nominal performance</b>	25 Nm at 56 rpm
<b>Option(s)</b>	Parking brake /B

- ✓ ez-Wheel® ezSWDcore.25x/C - SWD® Core
- ✓ featuring exclusive SWD® technology
- ✓ suitable for:
  - Robots
  - Pallet shuttles
  - Lifts
  - Conveyors

## Component specifications

### Motor



Technology	BLDC PM
Gearbox	2-stages planetary ratio 25:1
Indicative lifespan*	5 000 h 1 500 000 starts/stops
Nominal speed	56 rpm
Nominal power	145 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	750 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.