

Gearless Wheel Hub Drive



DATA SHEET

Specification

Gearless synchronous, axial air gap motor with permanent magnets and integrated wheel bearing for direct mount to the rim.

Technical data

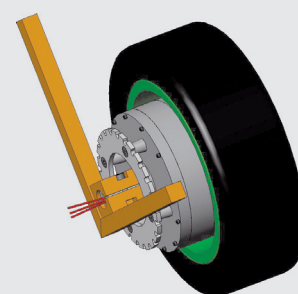
	Type I	Type II
Rated Power	2 kW – 100 % duty cycle	2.2 kW – 100 % duty cycle
Speed	520 rpm	750 rpm
Max. torque	160 Nm	130 Nm
Battery voltage	48 V	
Max. wheel load	2000 N	
Weight	16 kg	
Controller	ACD4805 48 V 100 / 200 A	

Applications

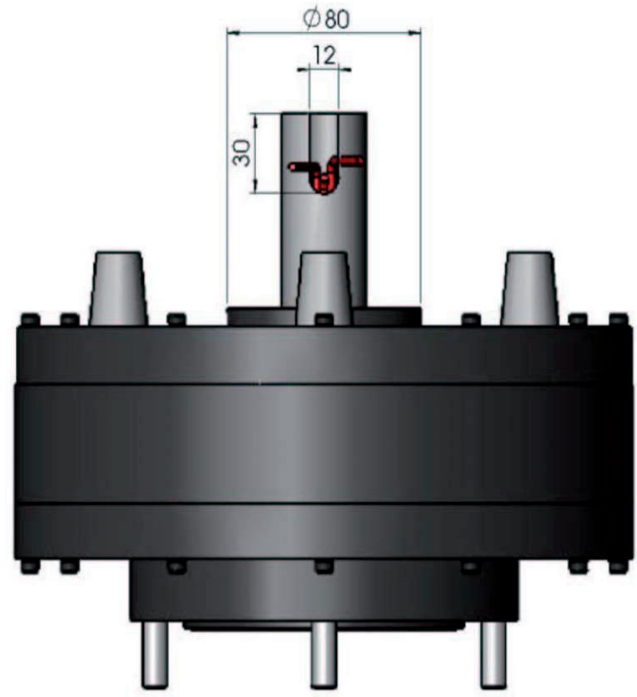
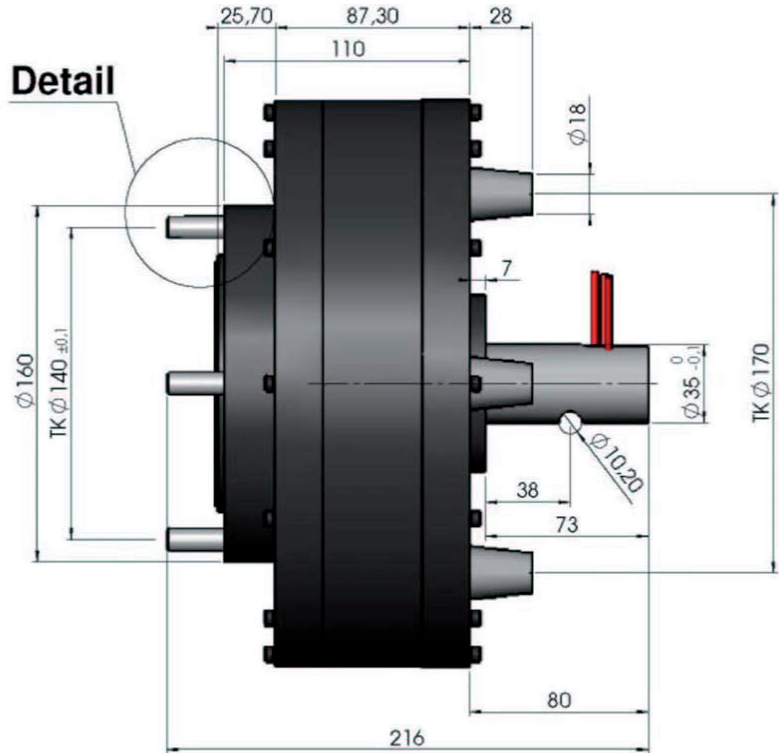
- Light electric vehicles / NEV's / Commuters
- Electric scooters
- Handicapped vehicles
- Driverless transport vehicles

Features

- Gearless version
- Maintenance-free
- Direct mount to the rim
- Integrated wheel bearing
- Clamp-connection to the chassis
- Connection possibility for brake disc
- Low noise
- High starting torque
- Protection mode IP65
- 1-wheel, 2-wheel and all-wheel drive possible
- Energy recuperation



Dimensions



Subject to alterations. ©Perm Motor GmbH, 2009