

Engine
Chassis
Transmission
E-Mobility

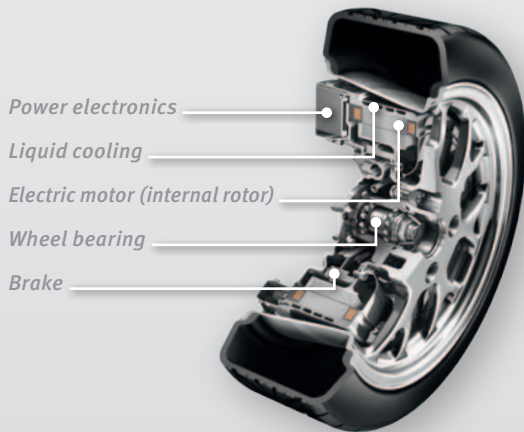
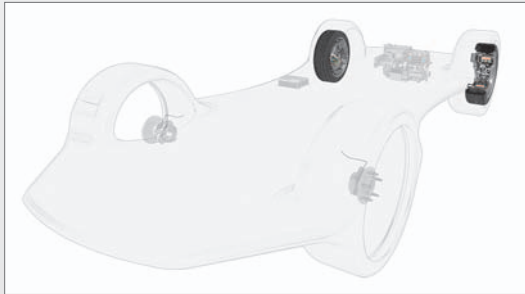
SCHAEFFLER

E-Wheel Drive

EFFICIENT FUTURE MOBILITY



E-Wheel Drive – The Wheel Hub Drive from Schaeffler



Description

- Highly-integrated wheel hub drive for all-electric, urban vehicle platforms
- All components required for driving and braking are integrated into the wheel

Functional advantages

- Excellent EMC behavior due to high integration density
- Advantages for autonomous driving strategies

Product benefits

- Increased usable space
- Improved maneuverability
- Fun to drive with torque vectoring
- Cooperative braking for increased safety

Integration/installation

- Preassembled drive train
- Use of conventional interfaces

Performance data

- PSM motor with integrated power electronics
- Power: 33 kW (continuous), 40 kW (peak)
- Torque: 350 Nm (continuous), 700 Nm (peak)