The SMG converts electrical energy into mechanical power and provides hybrid or purely electric propulsion. The SMG 280/200 is usually combined with a transmission as central electric drive or wheel-near electric drive. The SMG transmits its torque directly to the transmission gear. During deceleration, the SMG charges the vehicle’s battery by converting mechanical energy into electrical energy.

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Compact and powerful electric motor with 20% better power-to-weight ratio

Efficiency of electric drive in combination with the inverter for commercial vehicles within the World Harmonized Vehicle Cycle (WHVC)

- 92%
- 240 kW cont./410 Nm cont.

High output power and torque with a compact design