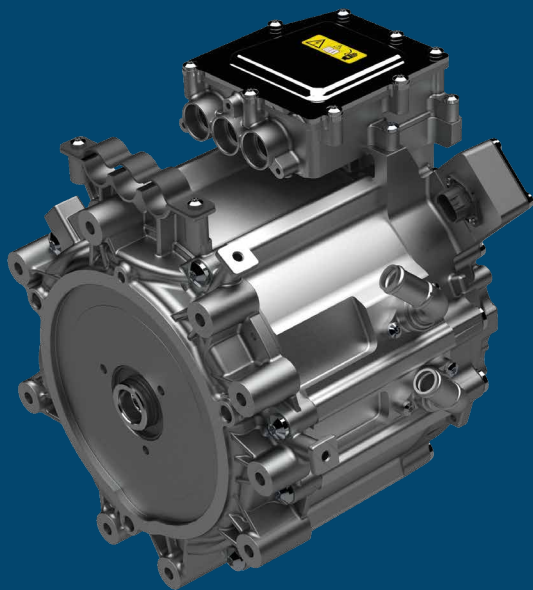




Energy

Electric drive for off-highway applications

New SMG 230/132 generation for higher voltages up to 800 V.



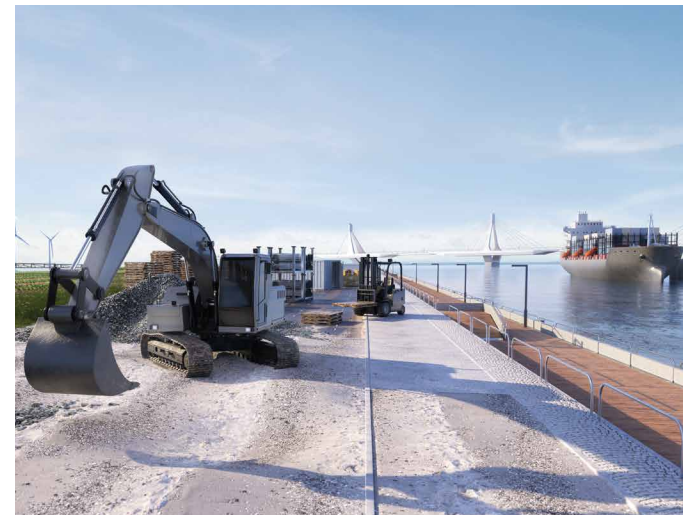
High reliability

Based on commercial vehicle production technology

800 V voltage level

Maximum power density with minimal losses

- The SMG 230 delivers up to 80 kilowatts more power than a comparable 400-volt machine with identical weight or, with the same level of performance, boasts more compact dimensions and a much lower weight.
- The development is based on Bosch volume-production applications in the commercial vehicle sector and therefore ensures utmost reliability in mobile machinery and marine applications.
- In combination with the matching inverter INV 4 OHW, the electric motor meets all the requirements of the Low Voltage and Recreational Craft Directives.



Technical data

Torque peak/cont.	550/265 Nm
Power peak/cont.	330/175 kW
Speed	12,000 rpm
Voltage HV	350 – 850 V
Voltage LV	12 and 24 V
Dimensions	Ø 345 × 283 mm
Weight	58 kg
Cooling	Water glycol 10 l/min