

MAGNET-MOTOR

A RENK GROUP COMPANY

HYBRID MOBILITY

Generator G35

/ Compact Generator for
Diesel Electric Drive.



Technical Information (dependent on variant)

General	
Operational temperature range with cooling	-32 to +120 °C
Level of protection	IP 68
Axial length	202 mm
Axial length including connectors	231 mm
Outer diameter	444 mm
Weight	139 kg
Shock resistance	50 g
Electrical data	
Rated power	240 kW
Rated voltage	750 V
Maximum voltage	800 V
Number of phases	3
Mechanical data	
Maximum torque	1,120 Nm
Continuous torque	715 Nm
Peak power @ 750 V	280 kW
Rated speed	3,600 to 4,300 rpm
Cooling	
Cooling medium	water/glycol 50/50
Nominal flow rate	12 l/min
Rated inlet temperature	75°C
Pressure drop	0.5 Bar

Features

- Magnet-Motor's 240 kW G35 generator is the basis of a powerful, state-of-the-art prime mover for fully hybridized military or heavy duty commercial vehicles.
- With the addition of advanced electronic controls and software, a complete turnkey system is available.
- Industry standard communications protocols SAE J1939 (US) and CAN Open (EU) are implemented to accommodate the widest possible application base and enable the use of both COTS and MOTS components.

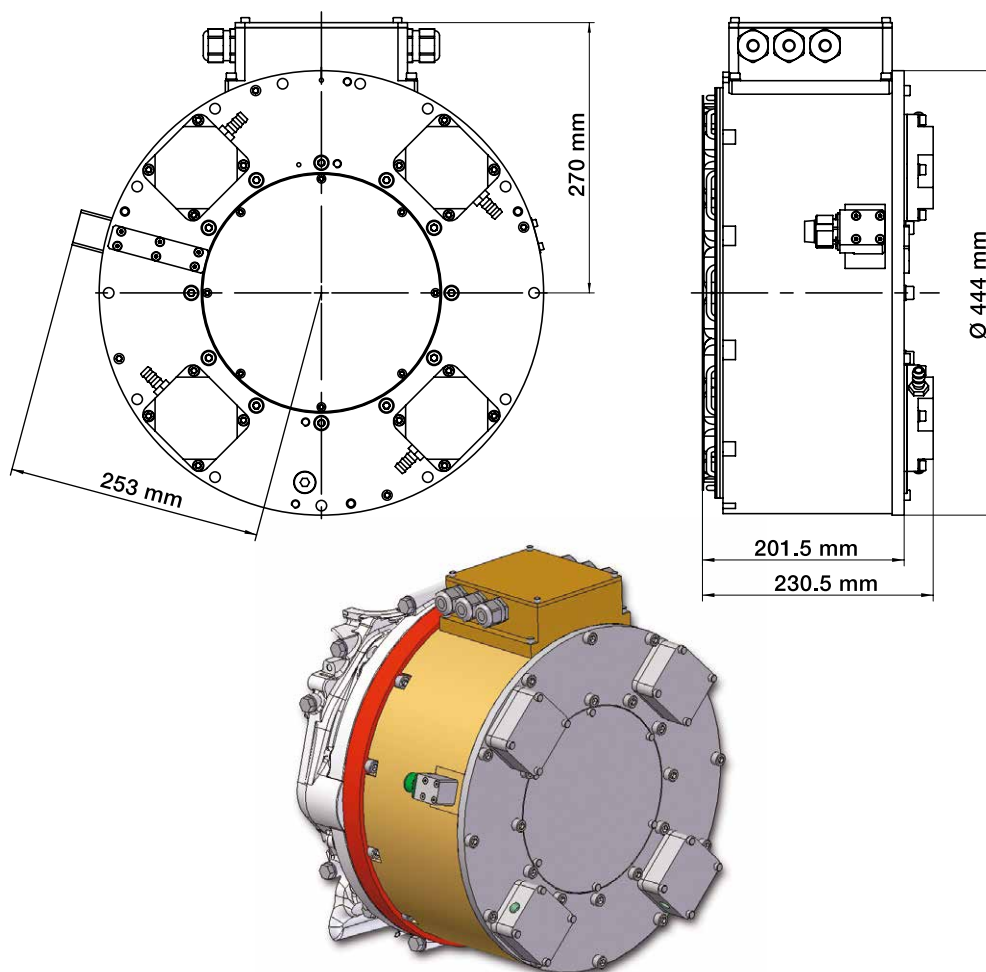
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Technical Characteristics

- Permanent magnet, water-cooled
- Continuous power:
240 kW @ 3,600 rpm
- SAE 3 flange compatible
- Including bearings and flexible
coupling
- High power density
- High efficiency
- Maintenance-free



Trusted Partner.

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