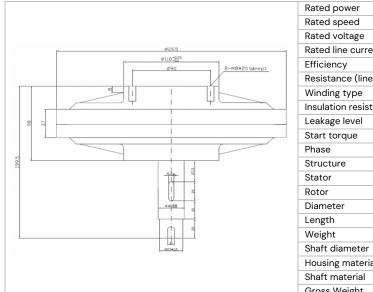


PMG 260-1kW-600R

The Disc Coreless PMG boasts a multitude of advantages, including a low rated speed, low starting wind speed, compact structure, and lightweight design and maintaining high efficiency:

- Coreless, anhysteresis, slotless designs with low starting torque.
- No iron loss, resulting in high efficiency.
- Unique coreless precision winding technology ensures precise coil design.
- Rare earth permanent magnets, which are multipole and feature a mean gap, resulting in high power density and output.
- Direct driving at low speeds with minimal torque fluctuations.
- Compact structure with a high power-to-volume ratio.
- Low calorific values and minimal temperature rise.
- Simple structure and easy installation and minimal maintenance.
- Brushless structure.

Technical information



Rated power	1 kW
Rated speed	600 rpm
Rated voltage	48 Volt DC
Rated line current	12,89 A
Efficiency	> 85%
Resistance (line-line)	-
Winding type	Y-configuration
Insulation resistance	Min. 100 Mohm (500 Volt DC)
Leakage level	< 5 mA
Start torque	< 0.1 Nm
Phase	3-phase
Structure	Outer rotor
Stator	Coreless
Rotor	Permanent magnet type
Diameter	265 mm
Length	199,5 mm
Weight	11 kg
Shaft diameter	30 mm
Housing material	Aluminium alloy
Shaft material	Steel
Gross Weight	15 kg

