

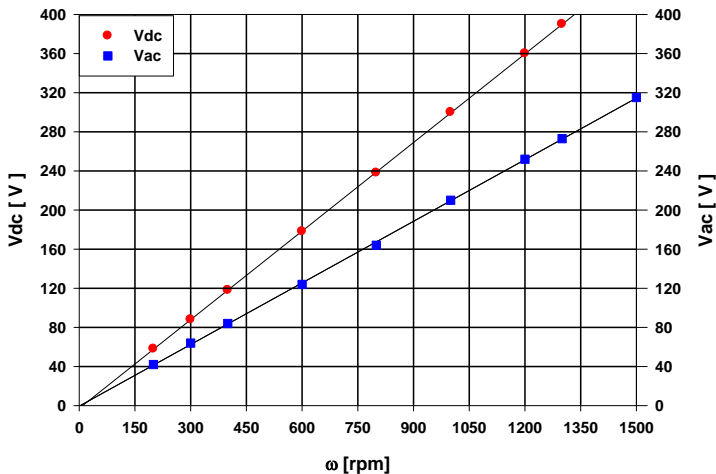
PMG For Small Wind Turbine & Hydro Power

Model : SWEG3K-1200-I

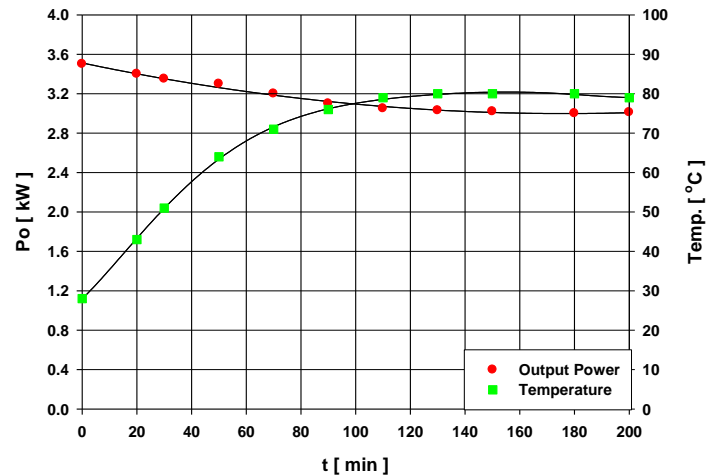
| | Symbol | units | |
|--------------------------------|------------------|-------------------|------------------------|
| Output power | P _o | kW | 3 |
| Rated speed | ω | rpm | 1200 |
| Output Voltage | E | Vac | 3phase, 220(Line-Line) |
| Max. Efficiency | η | % | 94 |
| Rotor | | | Permanent magnet |
| Number of Poles | - | - | 12 |
| Speed Constant | K _E | Vdc/rpm | 0.29 |
| Resistance at 20 °C(Line-Line) | R _T | Ω | 1.76 |
| Inductance (Line-Line) | L | mH | 28.5 |
| Rotor Inertia | J | Kg-m ² | 0.026 |
| Maximum Temperature | C _{Max} | °C | 120 |
| Winding | | | Wye |
| Starting Torque | | Nm | < 0.04 |
| Shaft Play-Axial | | mm | < 0.2 |
| Gen. Weight | Wg | Kg | 21 |

Note: Shaft-Stainless Steel, Al-Housing, Bearing- NSK or NTN

No-Load



@1200rpm



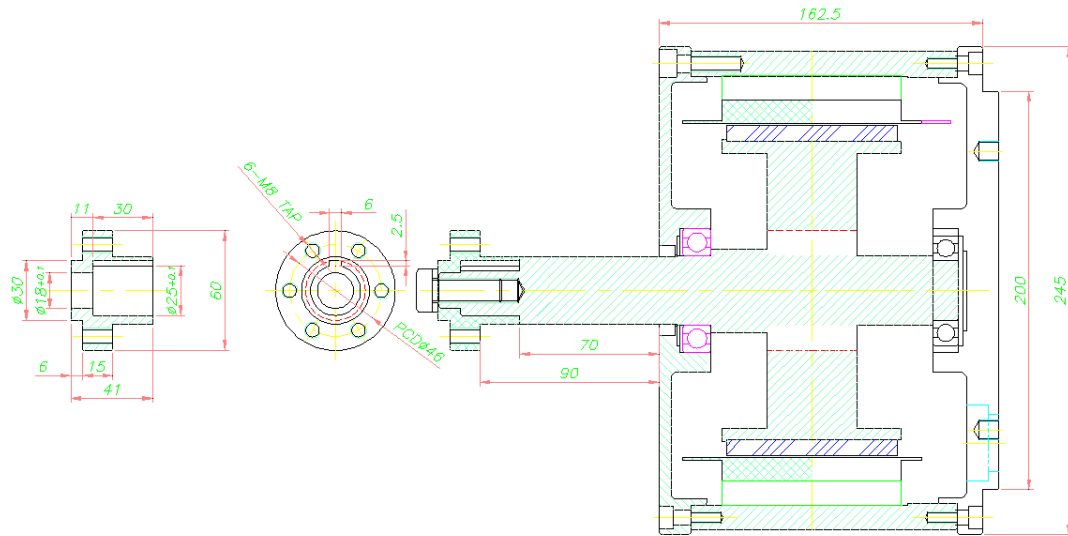
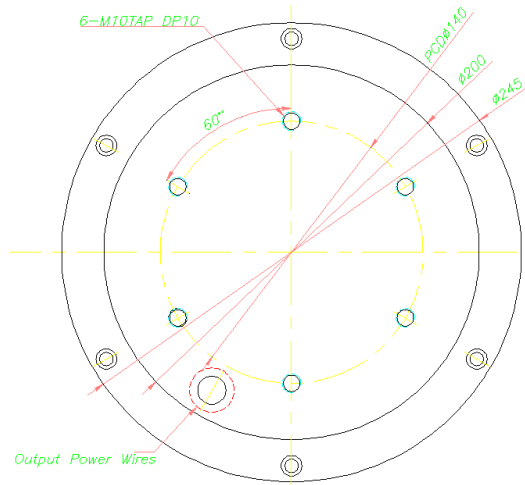
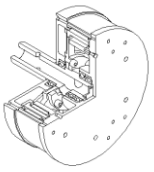
SEOLTECH CO.,LTD.

29, Seongseogongdanbuk-ro 65-gil, Dalseo-gu, Daegu, Korea 704-900

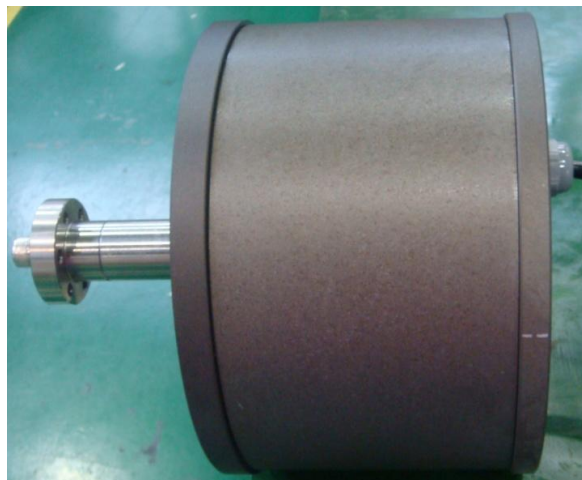
Tel : 82.53.580.7400 Fax : 82.53.580.7499

E-mail: skywindearth@skywindearth.com & st@seoltech.com





Unit: mm

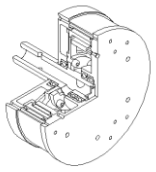


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ISO9001:2008
ISO14001:2004



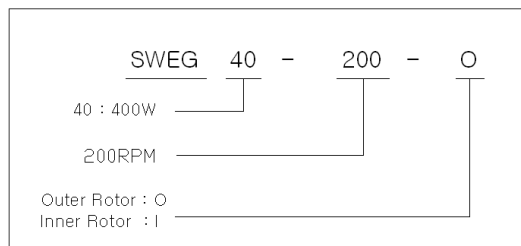
Checklist Category-

1. Dimensions and Tolerances
2. Output power, Voltage, rpm
3. Starting Torque
4. Output wire- 4X2.5mm²(4 Core cable)
5. Wire Color: Red, Black, Blue, **Green(Ground)**

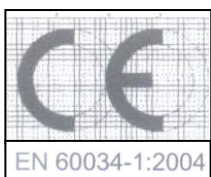
| Result |
|--------|
| |

GEN. SERIAL NO. : ST10

● Ordering Information



3kW@1200rpm PM Generator



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