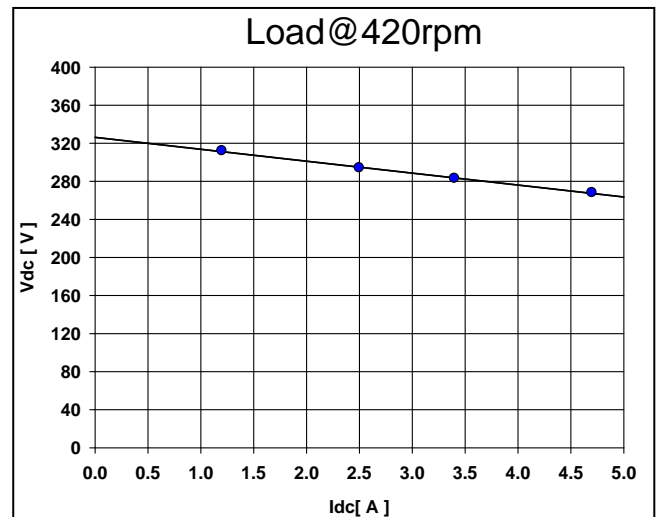
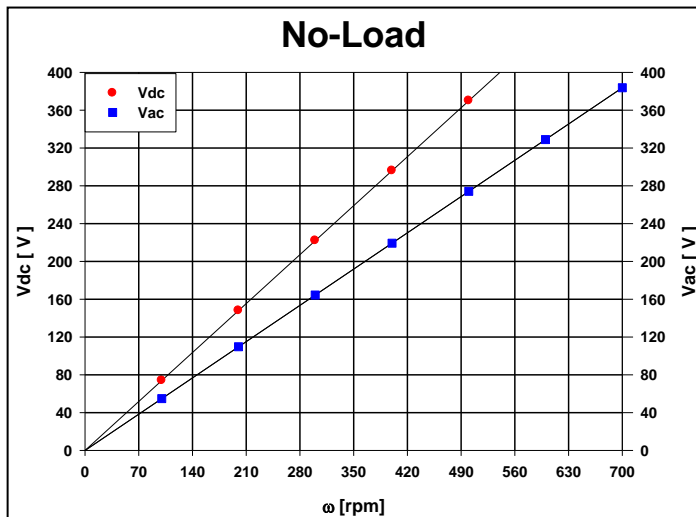


# PMG For Small Wind Turbine & Hydro Power

## Model : SWEG1K-AB400-I

	Symbol	units	
Output power	P <sub>o</sub>	kW	1
Rated speed	$\omega$	rpm	420
Output Voltage	E	V	3phase, 220Vac
Max. Efficiency	$\eta$	%	89
Rotor			Permanent magnet
Number of Poles	-	-	12
Speed Constant	K <sub>E</sub>	Vdc/rpm	0.74
Resistance at 20 °C(Line-Line)	R <sub>T</sub>	$\Omega$	12.6
Inductance ( Line-Line)	L	mH	92.5
Rotor Inertia	J	Kg-m <sup>2</sup>	0.026
Maximum Temperature	C <sub>Max</sub>	°C	130
Winding			Wye
Starting Torque		Nm	< 0.03
Shaft Play-Axial		mm	< 0.2
Gen. Weight	Wg	Kg	20

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



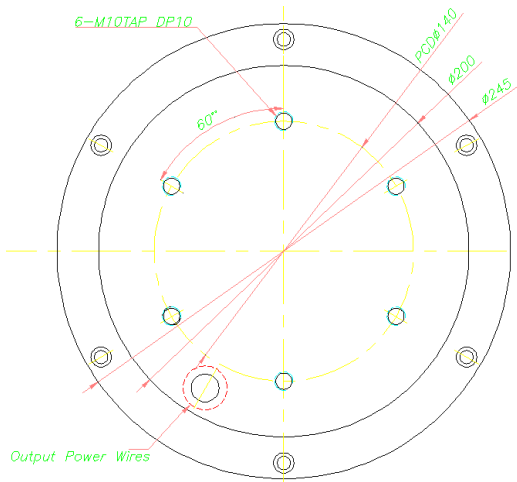
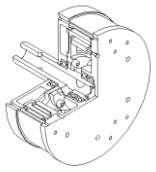
**SEOLTECH CO.,LTD.**

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

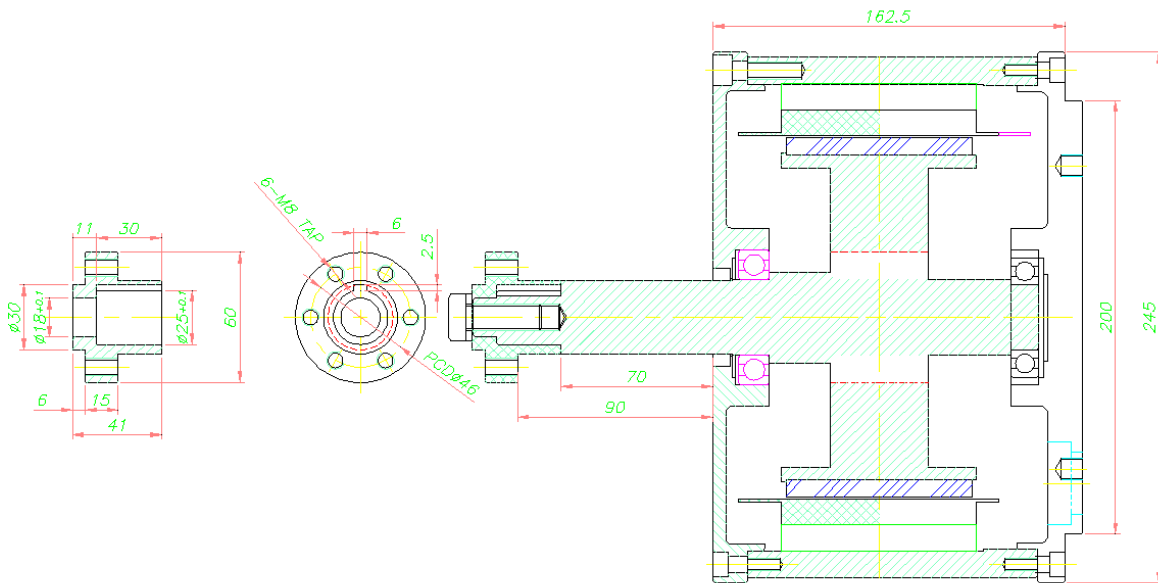
Tel : 82.53.580.7400 Fax : 82.53.580.7499

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

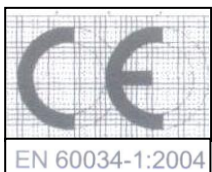




Unit: mm



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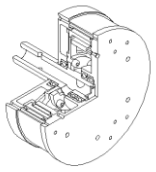


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ISO9001:2008  
ISO14001:2004



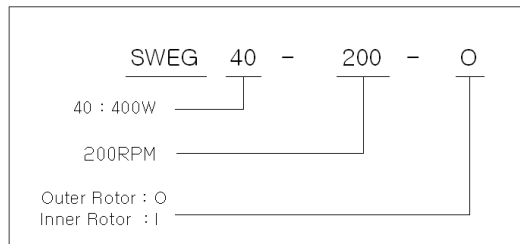
Checklist Category-

1. Dimension and Tolerances
2. Output power, Voltage, Rpm
3. Insulation Resistance Examination
4. Starting Torque
5. Output wire

Result

**GEN. SERIAL NO. : ST10**

- Ordering Information



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