

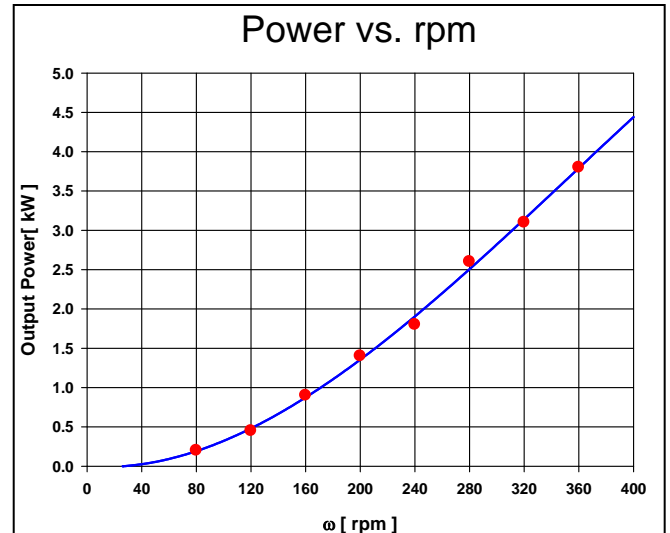
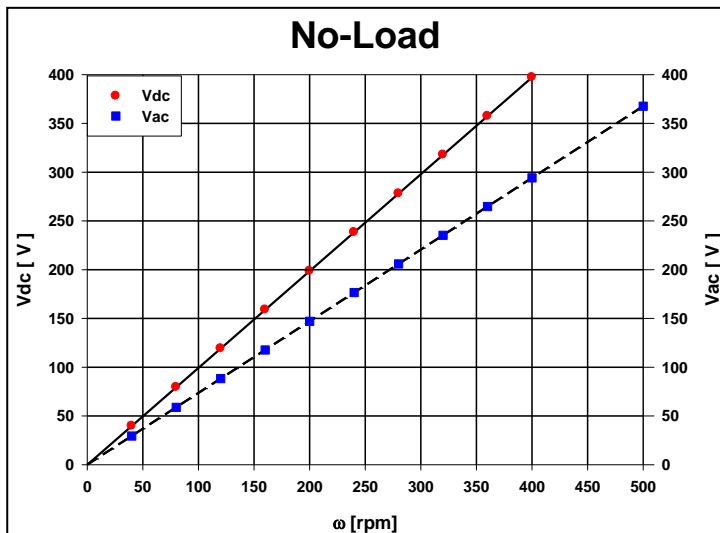
# PMG For Small Wind Turbine & Hydro Power

## Slotless, Low Cogging Torque, High Efficiency...

### Model : SWEG3K-AB320-I

	Symbol	units	
Output power	P <sub>o</sub>	kW	<b>3</b>
Rated speed	ω	rpm	<b>320</b>
Output Voltage	E	V	<b>3phase, 220(Line-Line)</b>
Max. Efficiency	η	%	<b>94</b>
Rotor			<b>Permanent magnet</b>
Number of Pole	-	-	<b>24</b>
Speed Constant	K <sub>E</sub>	Vdc/rpm	<b>0.99</b>
Resistance at 20 °C(Line-Line)	R <sub>T</sub>	Ω	<b>2.35</b>
Inductance ( Line-Line)	L	mH	<b>1.22</b>
Rotor Inertia	J	Kg-m <sup>2</sup>	<b>0.32</b>
Maximum Temperature	C <sub>Max</sub>	°C	<b>150</b>
Winding			<b>Wye</b>
Starting Torque		Nm	<b>&lt; 0.3</b>
Shaft Play-Axial		mm	<b>&lt; 0.2</b>
Gen. Weight	Wg	Kg	<b>67</b>

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



