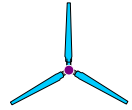




# SEO YOUNG TECH. CO., LTD.

## Renewable Energy Devices

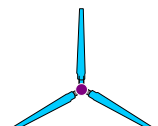


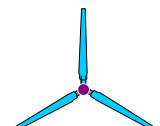
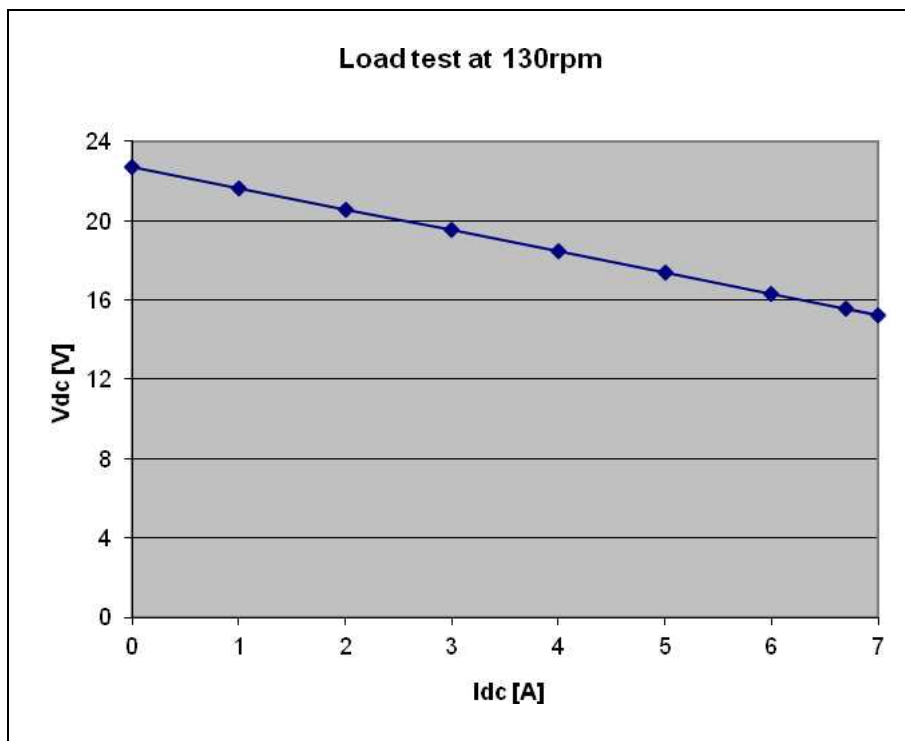
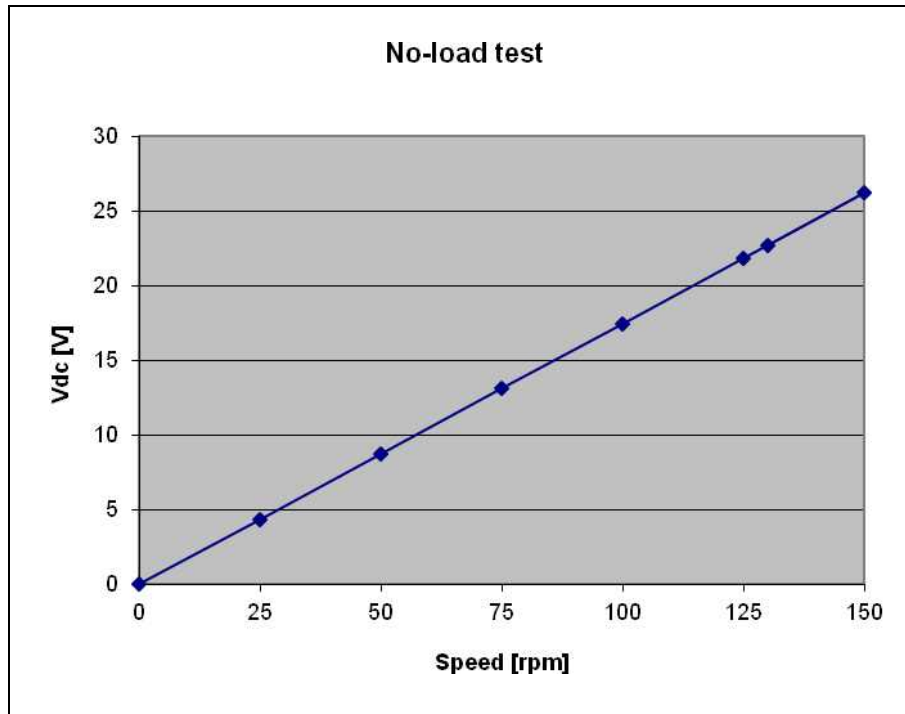
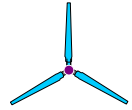
### Model-SYG-208-A-100-130<sub>(ver.3)</sub> AFPMG For VAWT and HAWT

No.	Parameter	Symbol	Units	
1	Rectified DC Voltage	E	V	12
2	Gen. Output Voltage			AC (3Phase)
3	Rotor			Permanent magnet type (outer rotor)
4	Stator			Coreless type
5	Output Power	P <sub>o</sub>	W	100
6	Rated speed	w	rpm	130
7	Speed Constant	K <sub>E</sub>	V / krpm	175
8	Resistance(Line-Line)	R <sub>T</sub>	Ω	1.23
9	Maximum Winding Temperature	C <sub>Max</sub>	°C	130
10	Number of Pole	-	-	20
11	Winding type	-	-	Wye
12	Gen. Weight	W <sub>M</sub>	kg	11
13	Gen. Diameter	M <sub>D</sub>	mm	245
14	Gen. Length	M <sub>L</sub>	mm	116
15	Shaft. Diameter	M <sub>D</sub>	mm	30
16	Housing Material	-	-	Aluminum (Alloy)
17	Shaft Material	-	-	Steel
18	Shaft Bearing	-	-	6006 2ZR 3EA, 6006 2RSR 1EA

**APPLICATION – Small Wind Turbine, Hydro Power, etc.**

SEYOYOUNG TECH Co., Ltd.,  
86-6, 1gongdan-ro, Gumi-si, Gyeongsangbuk-do, Korea 730-906  
Tel: +82-54-442-4040 Fax: +82-54-442-4060  
e-mail: [evsmotor@evsmotor.co.kr](mailto:evsmotor@evsmotor.co.kr) or [www.evsmotor.co.kr](http://www.evsmotor.co.kr)

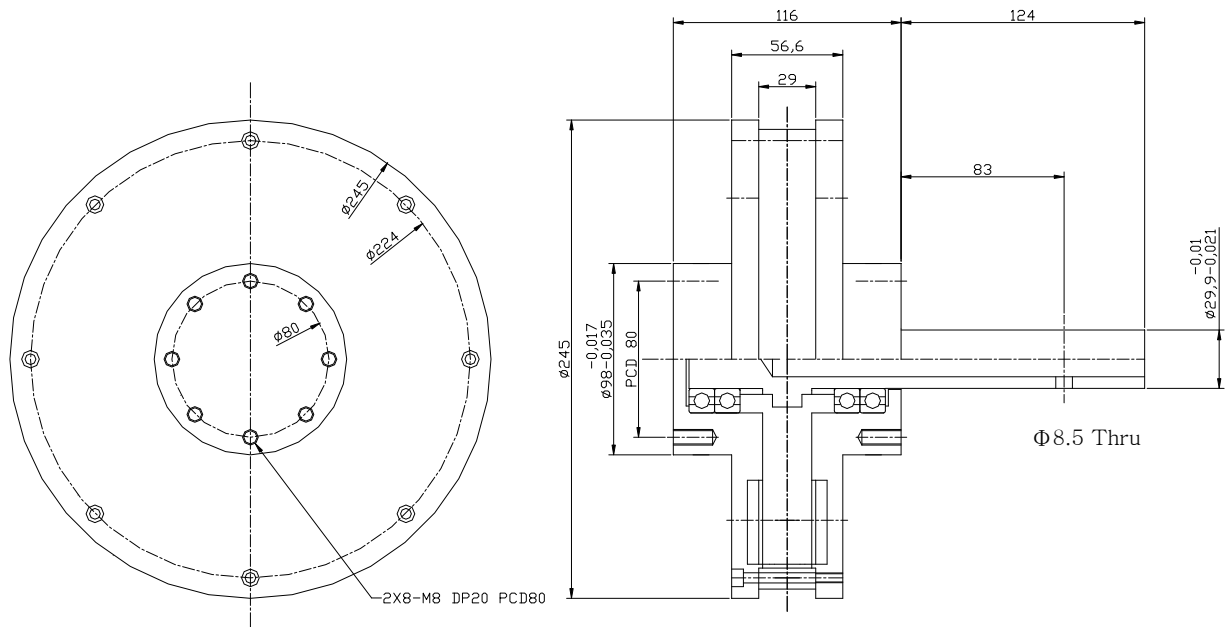
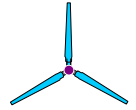






# SEO YOUNG TECH. CO., LTD.

Renewable Energy Devices



SEYOUNG TECH Co., Ltd.,  
86-6, 1gongdan-ro, Gumi-si, Gyeongsangbuk-do, Korea 730-906  
Tel: +82-54-442-4040 Fax: +82-54-442-4060  
e-mail: [evsmotor@evsmotor.co.kr](mailto:evsmotor@evsmotor.co.kr) or [www.evsmotor.co.kr](http://www.evsmotor.co.kr)

