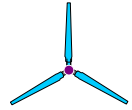




# SEOYOUNG TECH. CO., LTD.

## Renewable Energy Devices

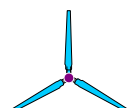


**Model-SYG-410-S-5000-300<sub>(ver.2)</sub> AFPMG For HAWT or VAWT**  
(Double Side Attachment)

No.	Parameter	Symbol	units	
1	AC-Voltage(Line-Line)	E	V	380
2	Gen. Output Voltage			AC (3Phase)
3	Rotor			Permanent magnet type (outer rotor)
4	Stator			Coreless
5	Output Power	P <sub>o</sub>	W	5,000
6	Rated speed	$\omega$	rpm	300
7	Speed Constant	K <sub>E</sub>	V/krpm	1,408
8	Resistance (Line-Line)	R <sub>T</sub>	$\Omega$	4.4
9	Maximum Winding Temperature	C <sub>Max</sub>	°C	130
10	Number of Pole	-	-	24
11	Winding type	-	-	Wye
12	Gen. Weight	W <sub>M</sub>	kg	68
13	Gen. Diameter	M <sub>D</sub>	mm	454
14	Gen. Length	M <sub>L</sub>	mm	137
15	Housing Material	-	-	Aluminum
16	Shaft Material	-	-	Steel
17	Shaft Bearing	-	-	6014 2ZR 3EA, 6014 2RSR 1EA
18	Temperature Sensor (Optional)	-	-	KTY83/110
19				

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

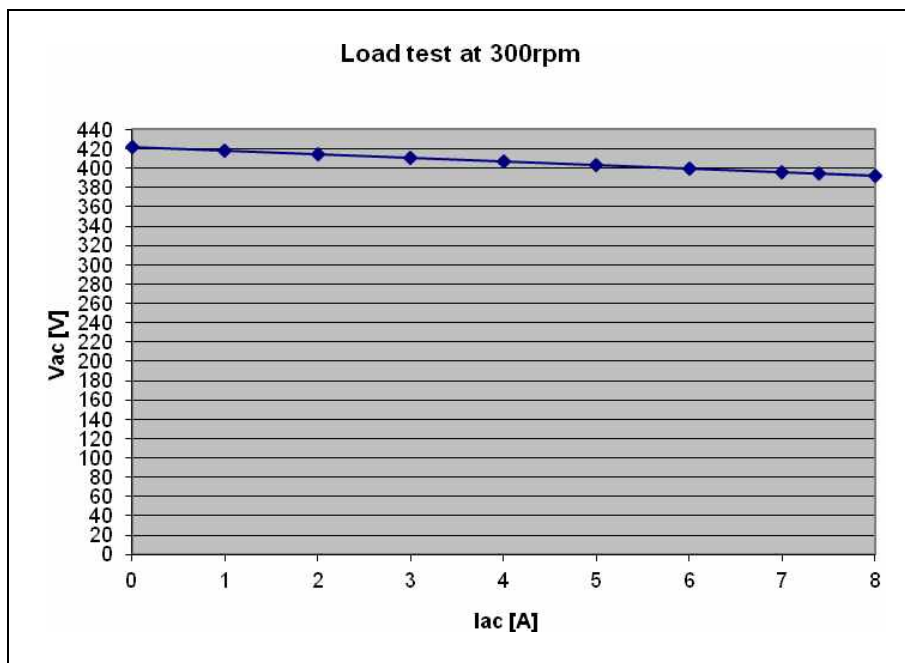
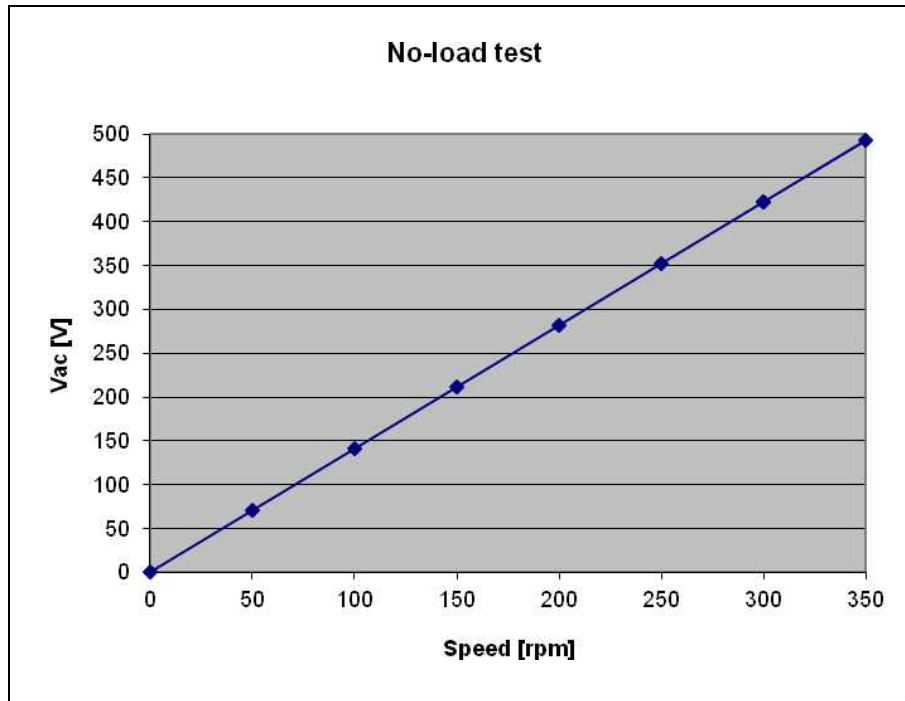
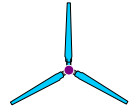
SEOYOUNG TECH Co., Ltd.  
86-6, 1gongdan-ro, Gumi-si, Gyeongsangbuk-do, Korea 730-906  
Tel: +82-54-442-4040 Fax: +82-54-442-4060  
e-mail: [evsmotor@evsmotor.co.kr](mailto:evsmotor@evsmotor.co.kr) or [www.evsmotor.co.kr](http://www.evsmotor.co.kr)



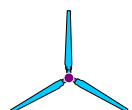


# SEOYOUNG TECH. CO., LTD.

Renewable Energy Devices



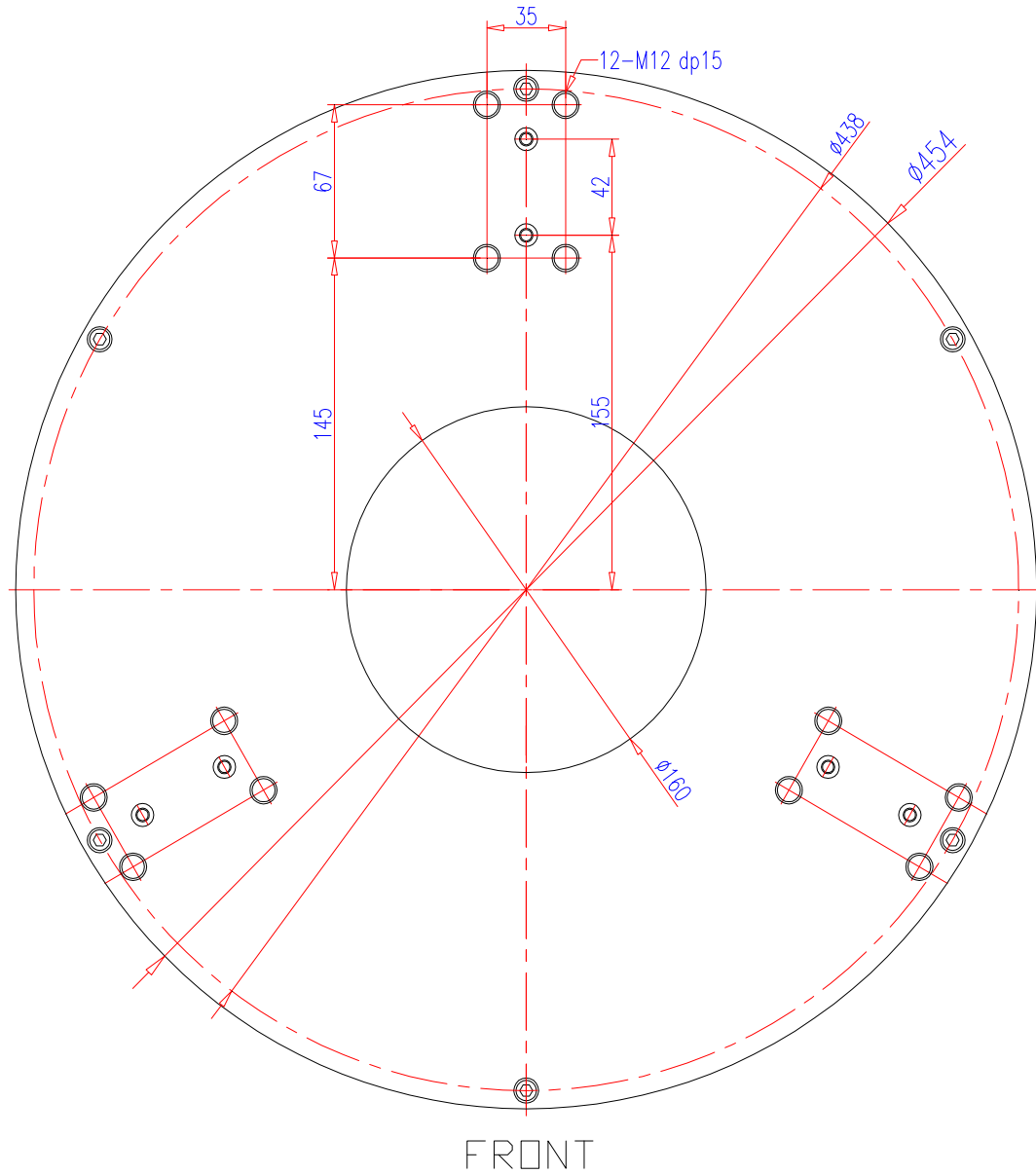
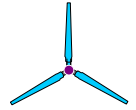
SEOYOUNG TECH Co., Ltd.  
86-6, 1gongdan-ro, Gumi-si, Gyeongsangbuk-do, Korea 730-906  
Tel: +82-54-442-4040 Fax: +82-54-442-4060  
e-mail: [evsmotor@evsmotor.co.kr](mailto:evsmotor@evsmotor.co.kr) or [www.evsmotor.co.kr](http://www.evsmotor.co.kr)



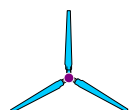


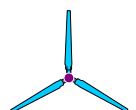
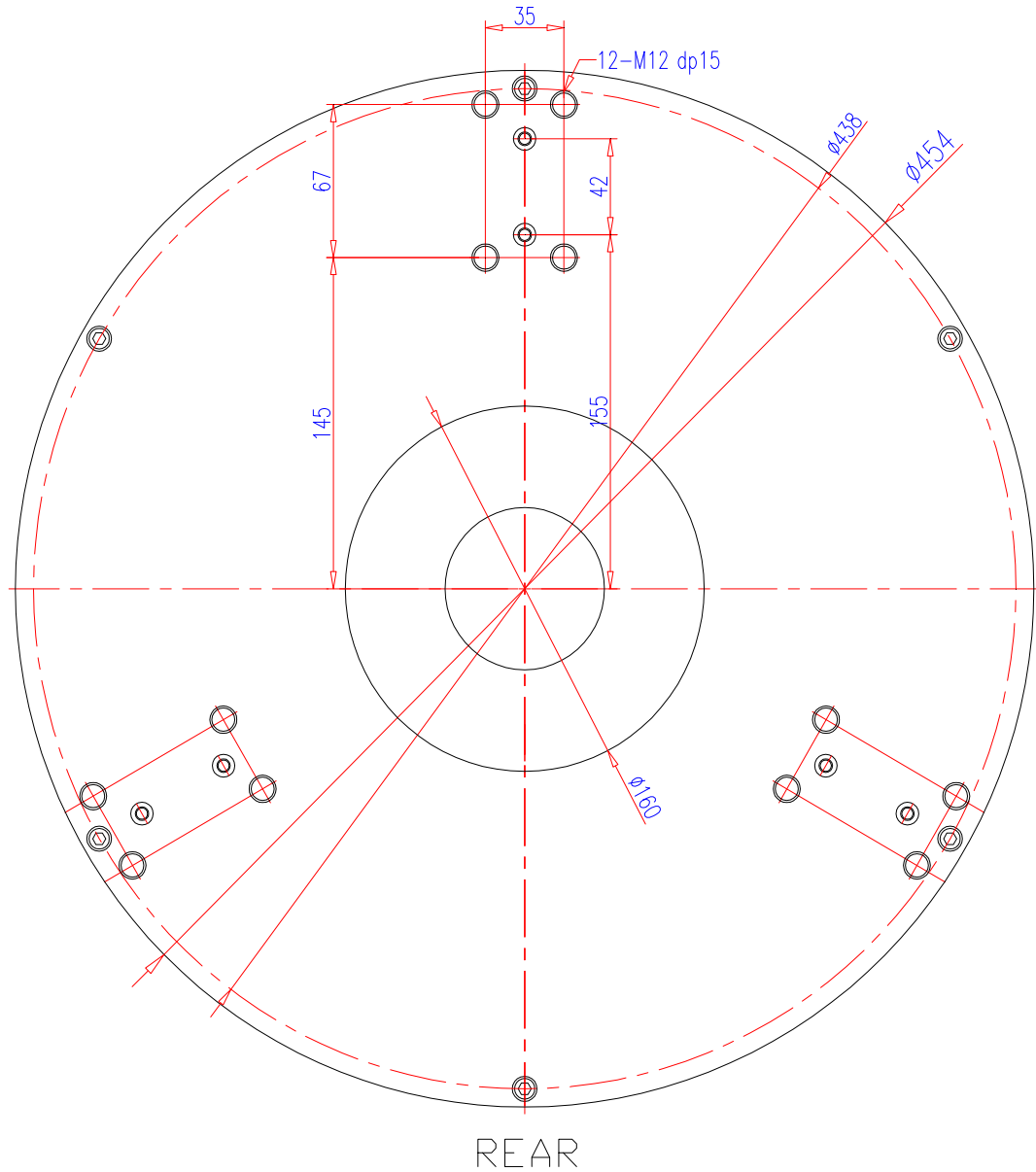
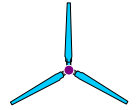
# SEOYOUNG TECH. CO., LTD.

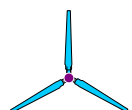
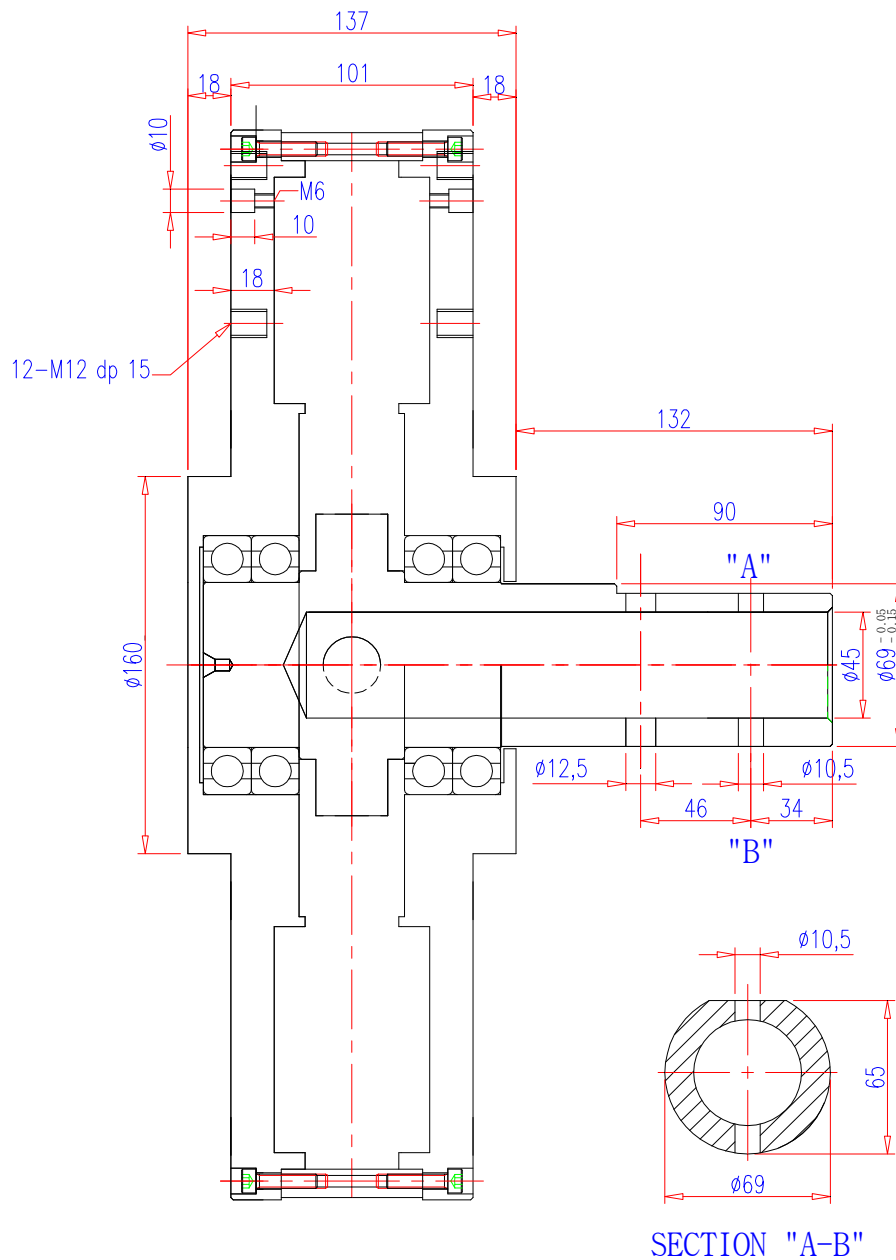
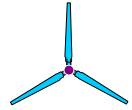
Renewable Energy Devices



SEOYOUNG 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)



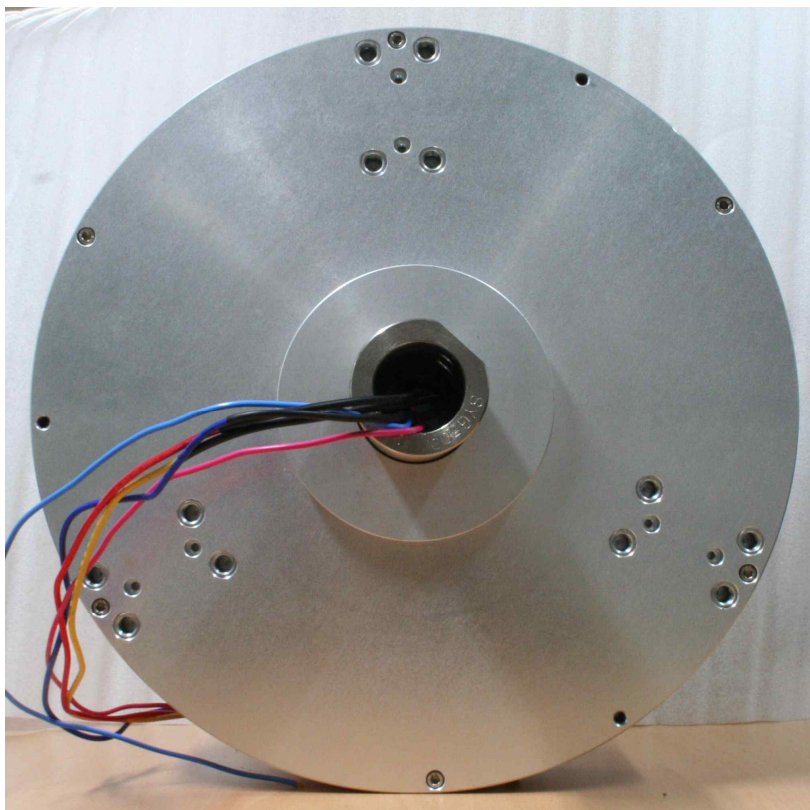
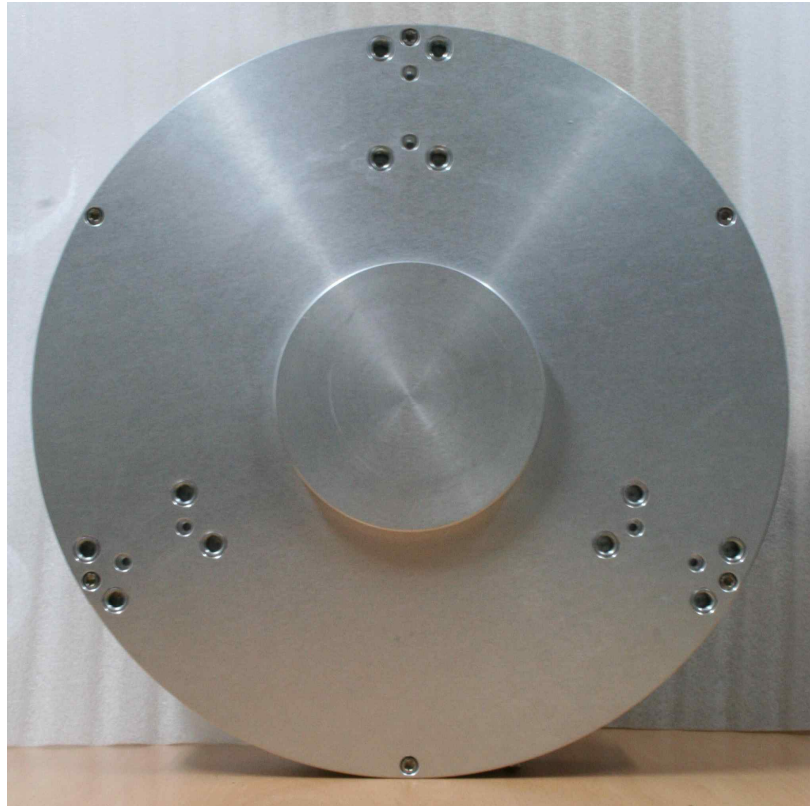
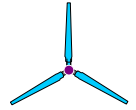




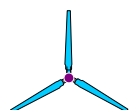


# SEOYOUNG TECH. CO., LTD.

Renewable Energy Devices



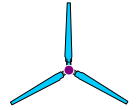
SEOYOUNG TECH Co., Ltd.  
86-6, 1gongdan-ro, Gumi-si, Gyeongsangbuk-do, Korea 730-906  
Tel: +82-54-442-4040 Fax: +82-54-442-4060  
e-mail: [evsmotor@evsmotor.co.kr](mailto:evsmotor@evsmotor.co.kr) or [www.evsmotor.co.kr](http://www.evsmotor.co.kr)





# SEOYOUNG TECH. CO., LTD.

Renewable Energy Devices



SEOYOUNG 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)

