



# SEO YOUNG TECH. CO., LTD.

## Renewable Energy Devices

### Model-SYG-245-B-600-300 AFPMG For VAWT and HAWT

No.	Parameter	Symbol	units	
1	Rectified DC Voltage	E	V	24
2	Gen. Output Voltage			AC (3Phase)
3	Rotor			Permanent magnet type (outer rotor)
4	Stator			Coreless
5	Output Power	P <sub>o</sub>	W	600
6	Rated speed	$\omega$	rpm	300
7	Speed Constant	K <sub>E</sub>	V/krpm	105
8	Resistance (Line-Line)	R <sub>T</sub>	$\Omega$	0.23
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	16.5
13	Gen. Diameter	M <sub>D</sub>	mm	272
14	Gen. Length	M <sub>L</sub>	mm	86
15	Housing Material	-	-	Aluminum (Alloy)
16	Shaft Material	-	-	Steel
17	Shaft Bearing	-	-	Ball
18				
19				

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

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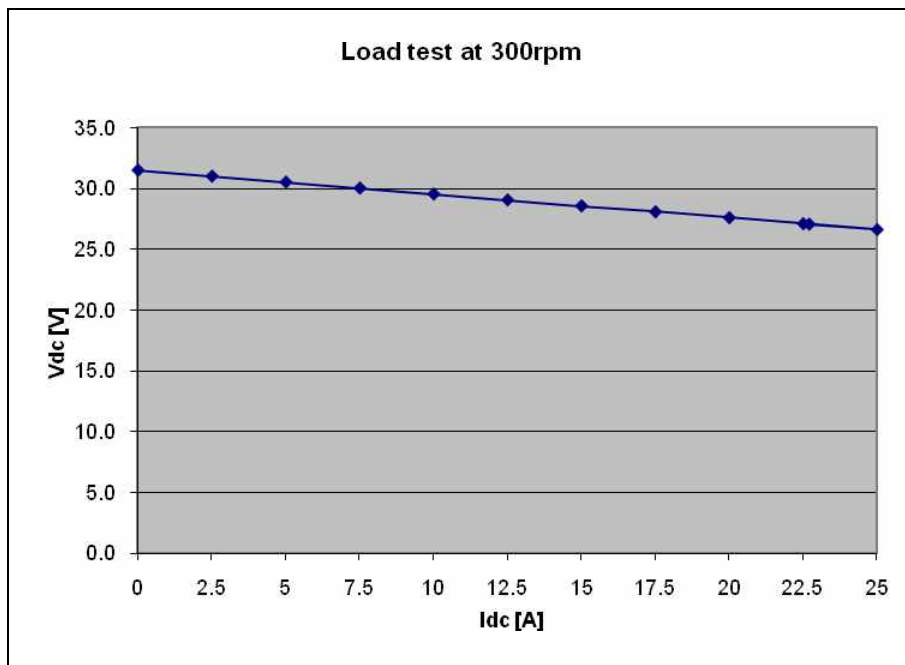
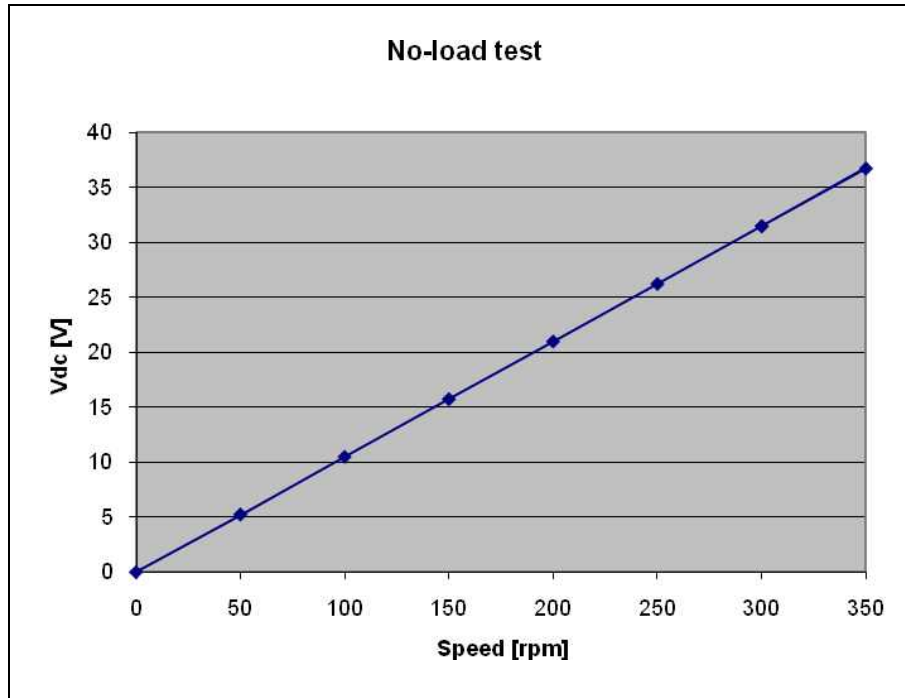
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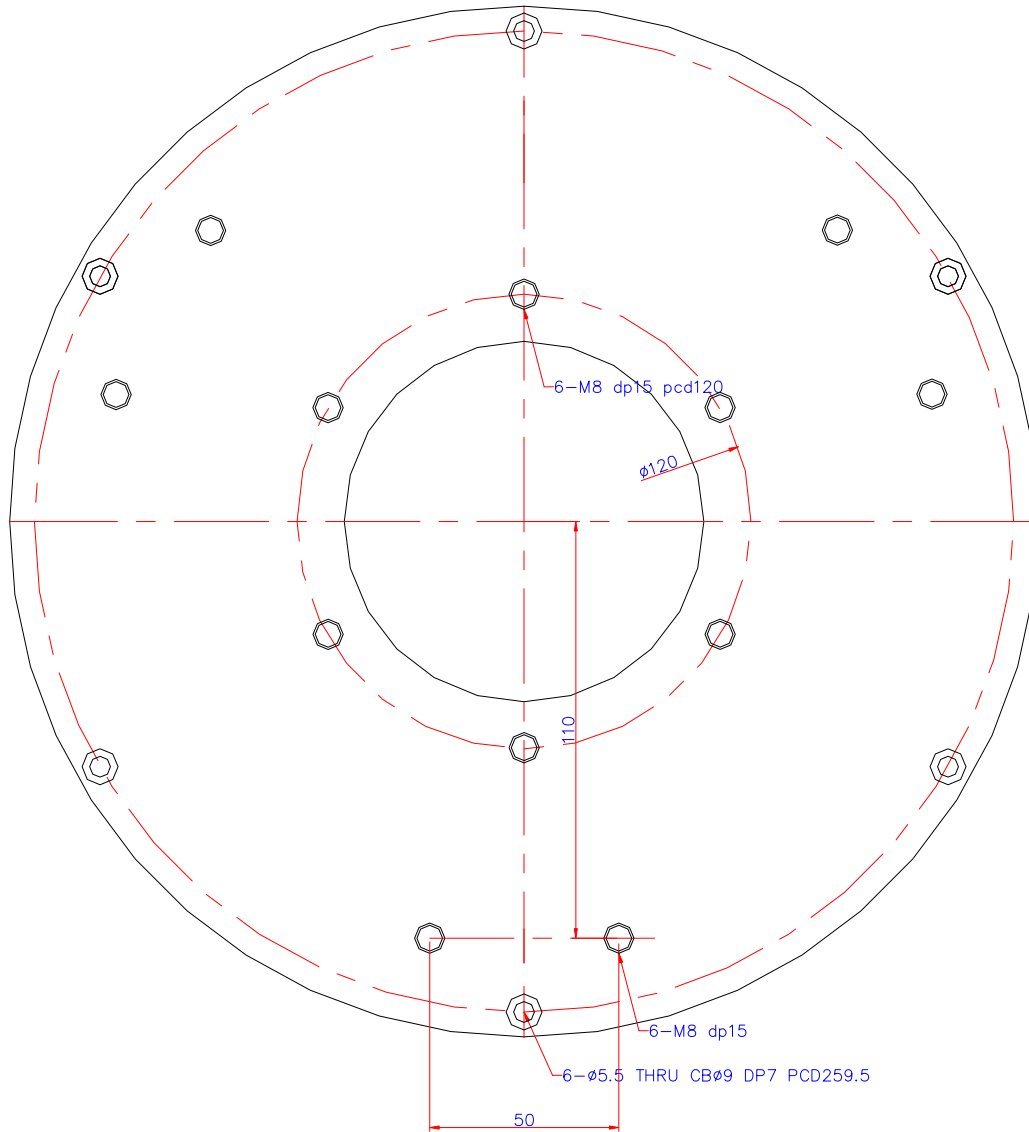
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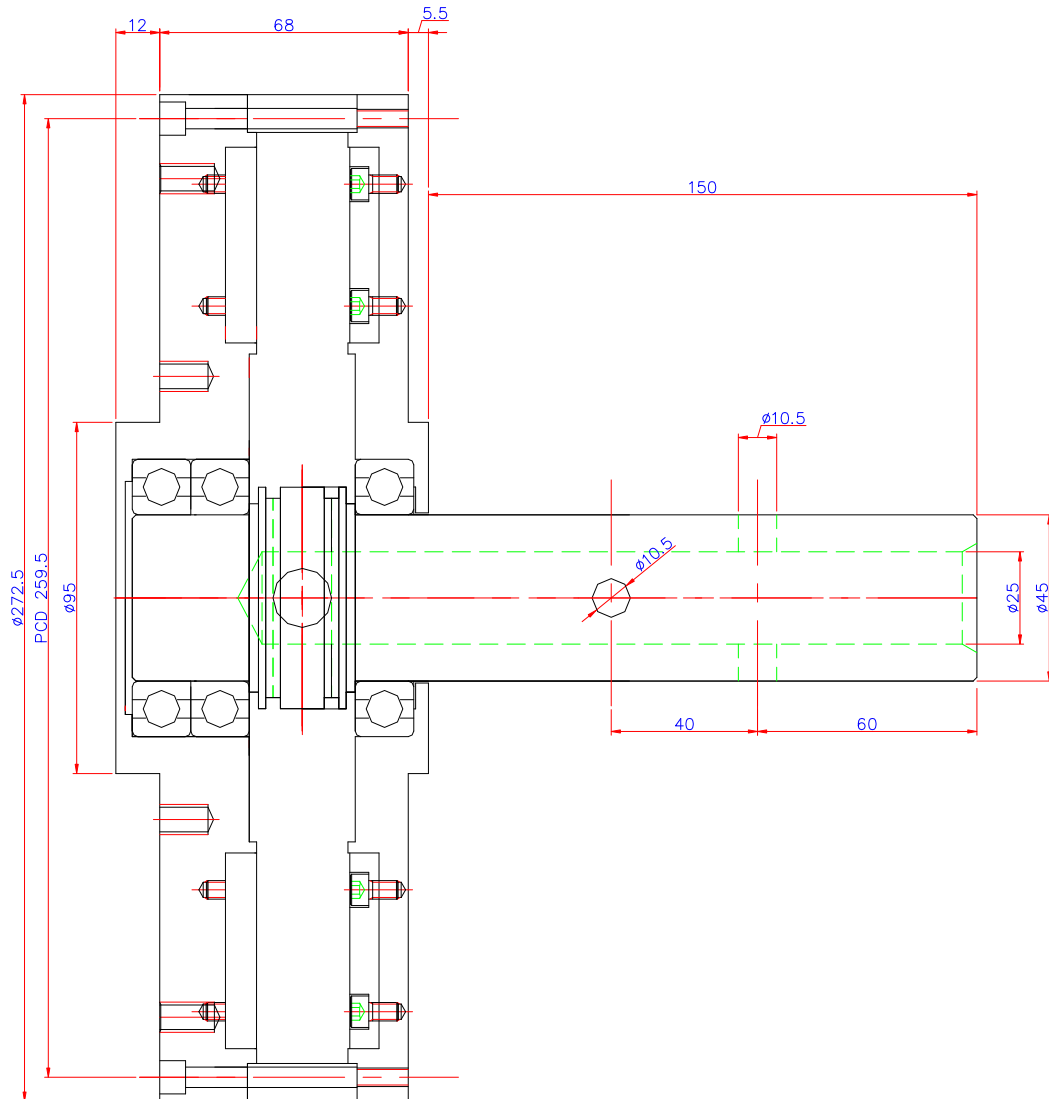


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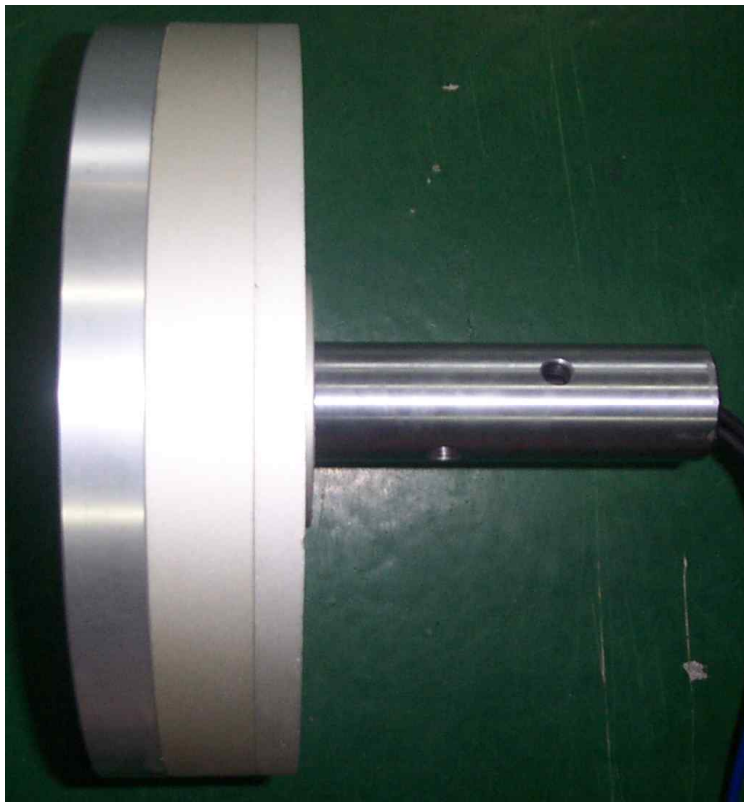


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