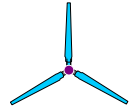




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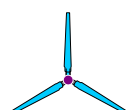


### Model-SYG-410-R-3000-200<sub>(ver.2)</sub> AFPMG For HAWT or VAWT (Double Side Attachment)

| No. | Parameter                     | Symbol           | units    |                                     |
|-----|-------------------------------|------------------|----------|-------------------------------------|
| 1   | AC-Voltage(Line-Line)         | E                | V        | 220                                 |
| 2   | Gen. Output Voltage           |                  |          | AC (3Phase)                         |
| 3   | Rotor                         |                  |          | Permanent magnet type (outer rotor) |
| 4   | Stator                        |                  |          | Coreless                            |
| 5   | Output Power                  | P <sub>o</sub>   | W        | 3,000                               |
| 6   | Rated speed                   | $\omega$         | rpm      | 200                                 |
| 7   | Speed Constant                | K <sub>E</sub>   | V/krpm   | 1,242                               |
| 8   | Resistance (Line-Line)        | R <sub>T</sub>   | $\Omega$ | 3.61                                |
| 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.**

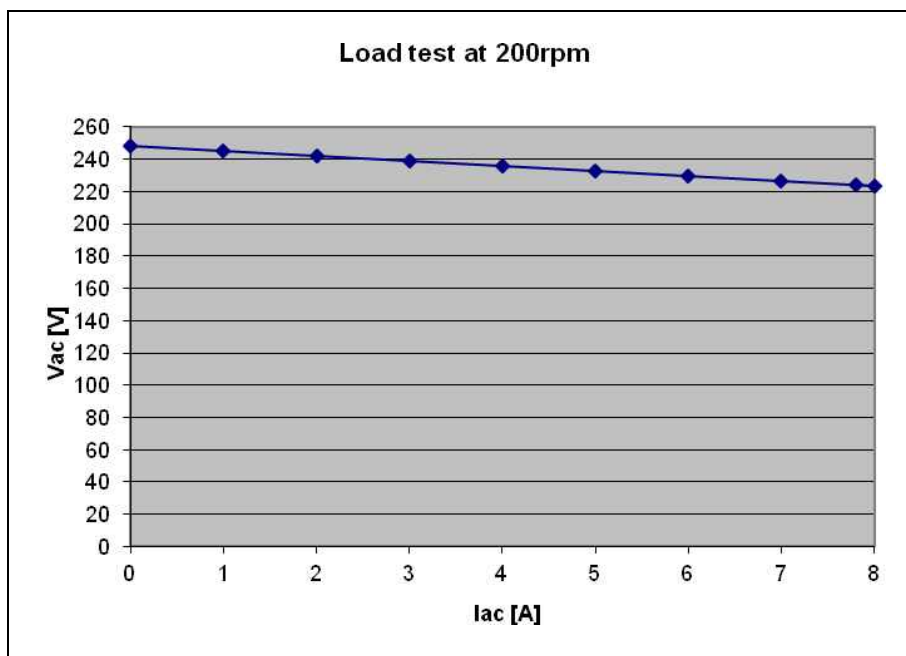
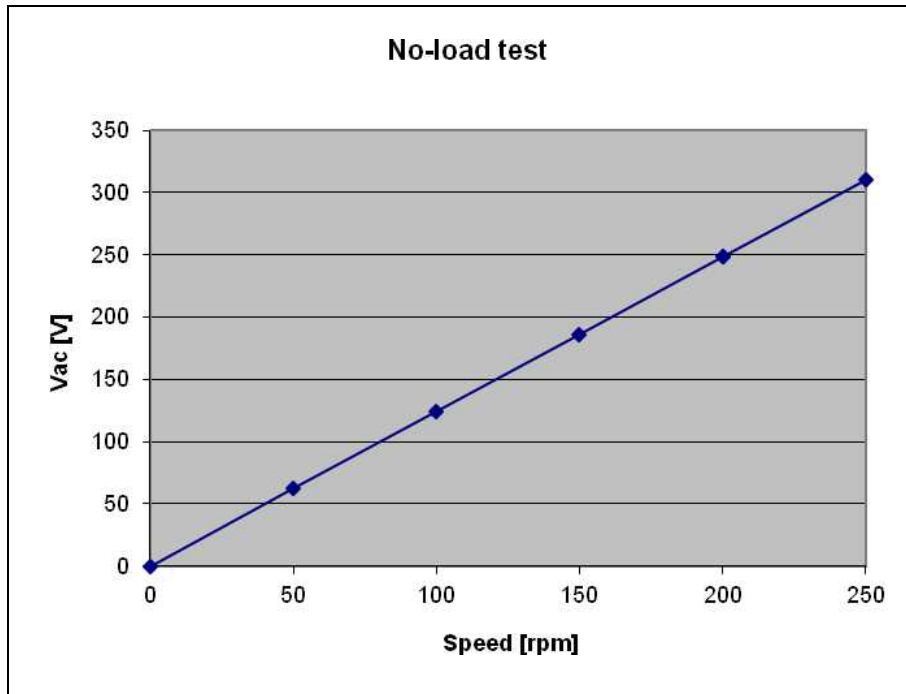
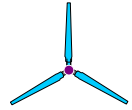
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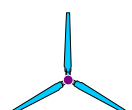


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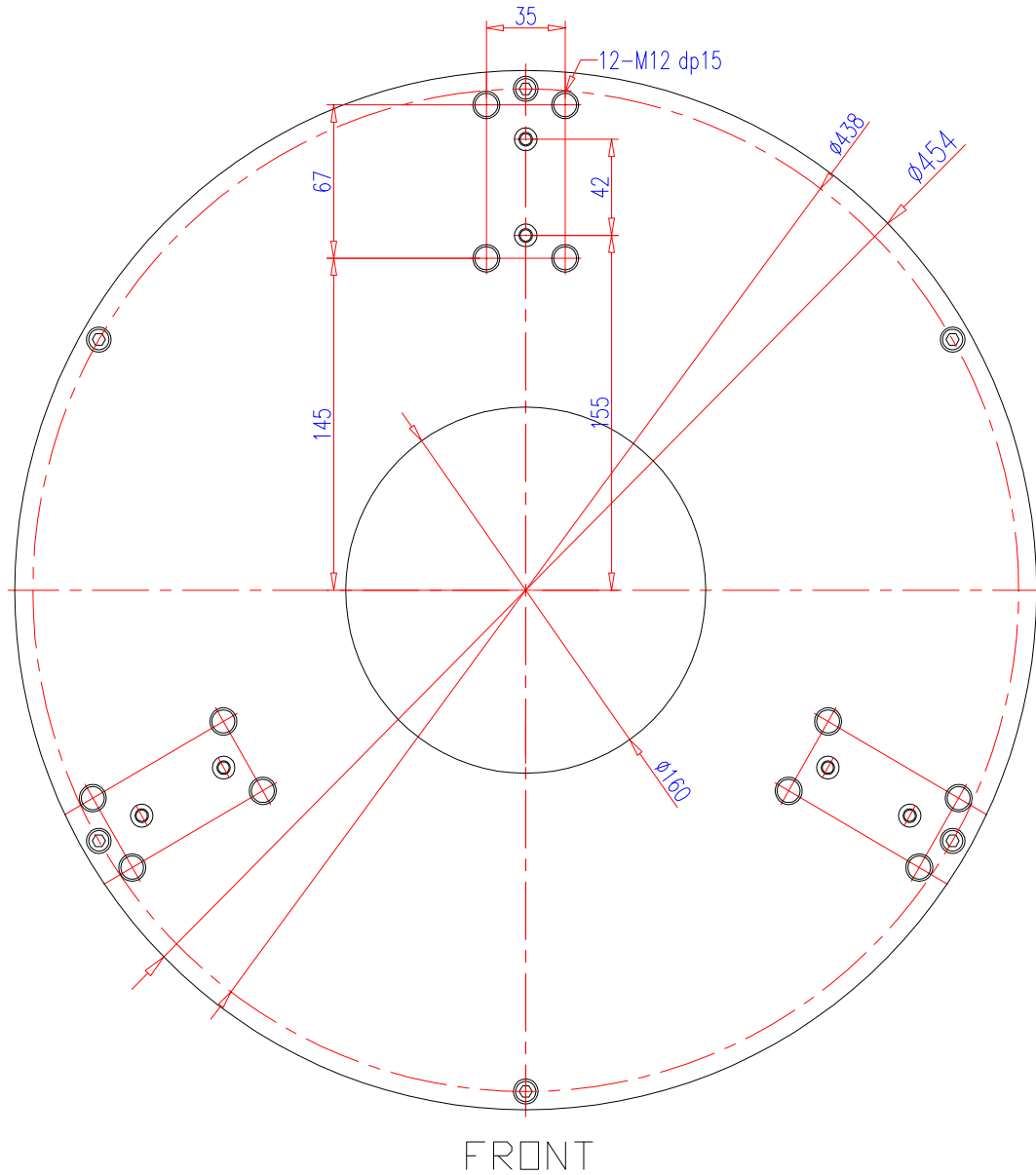
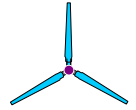
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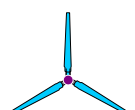


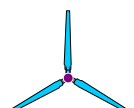
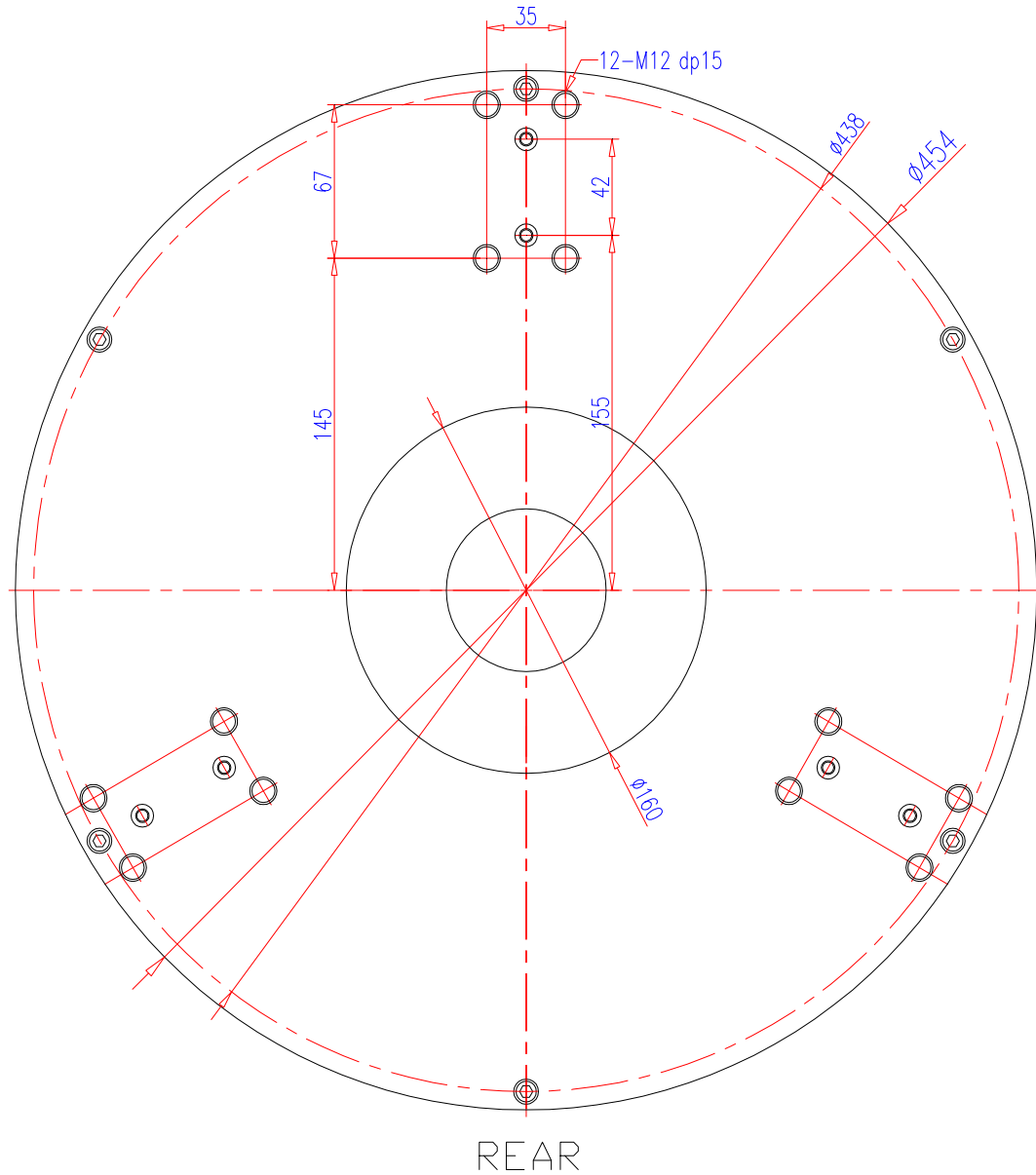
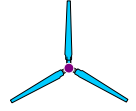
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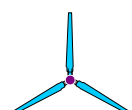
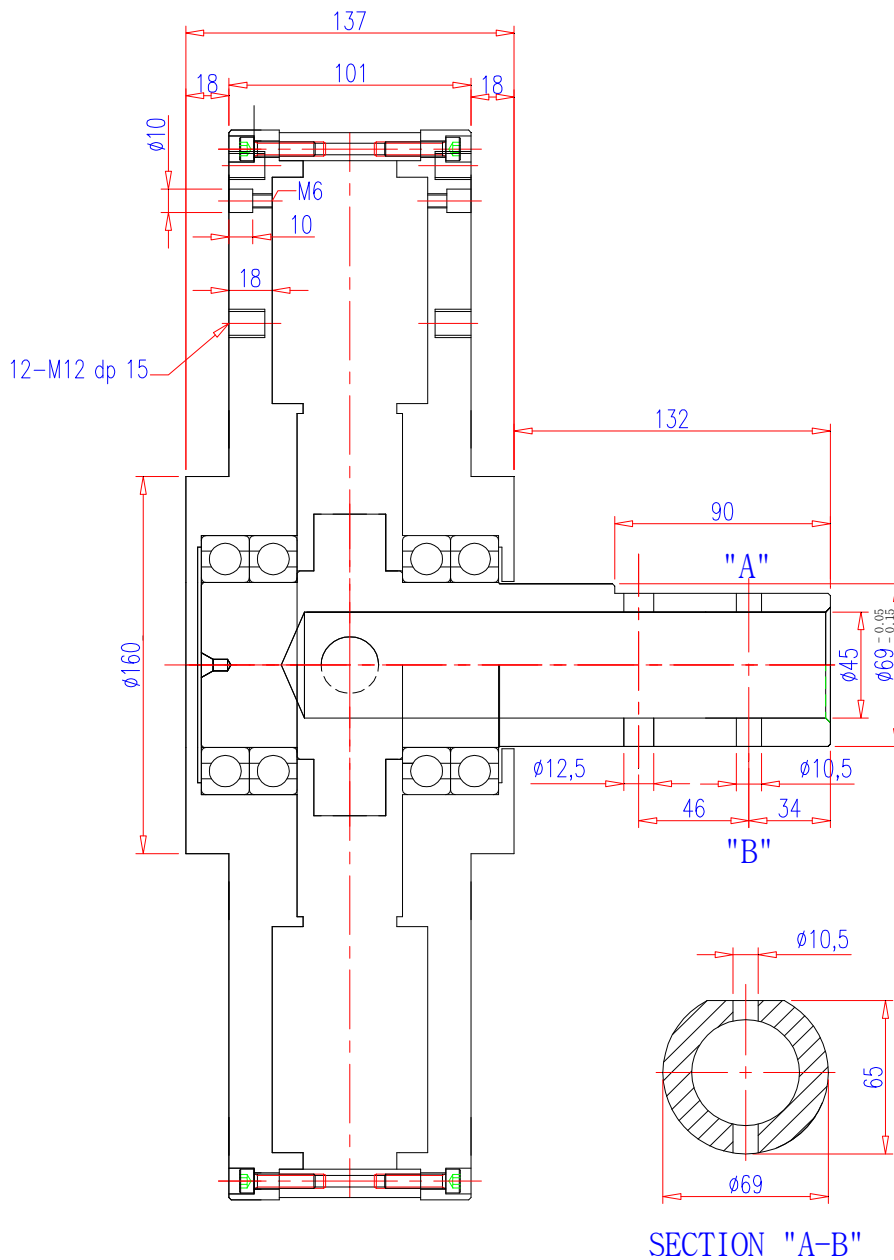
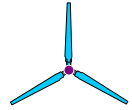
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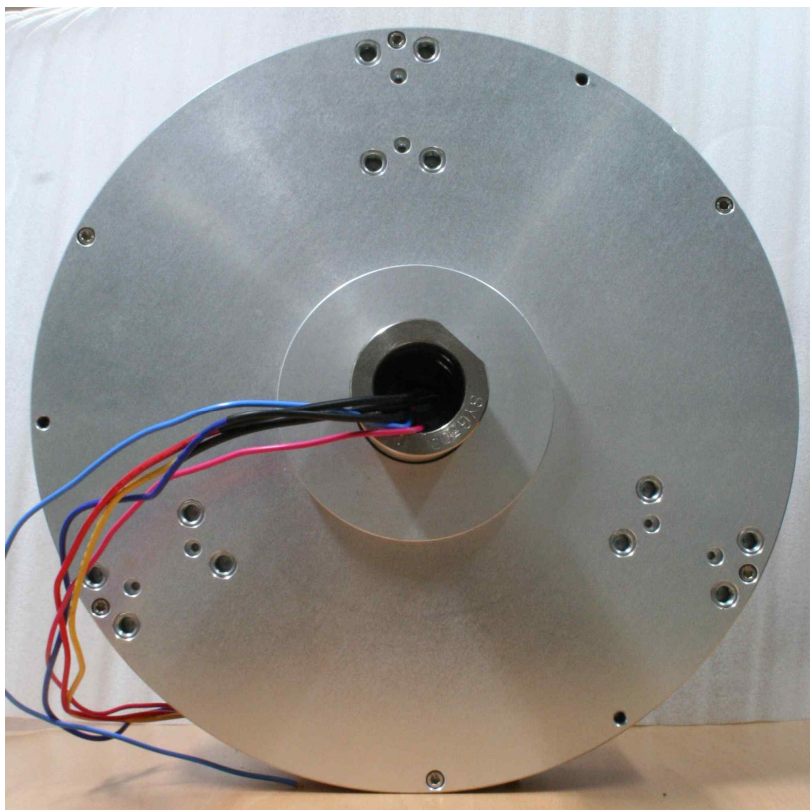
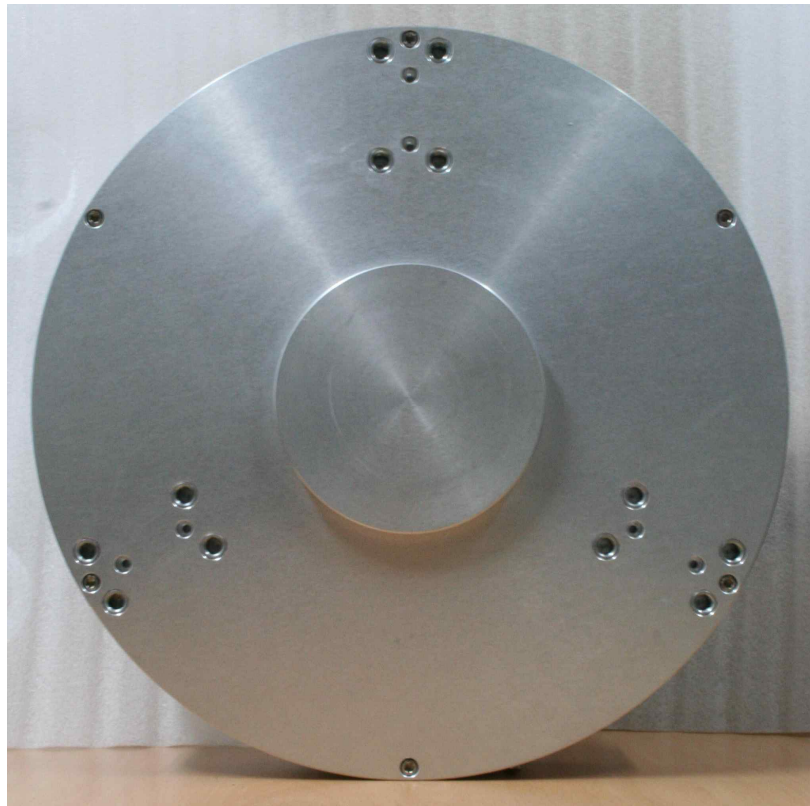
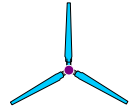




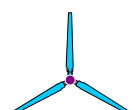


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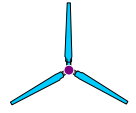
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