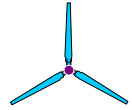




SEOYOUNG TECH. CO., LTD.

Renewable Energy Devices

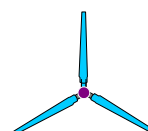


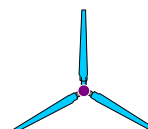
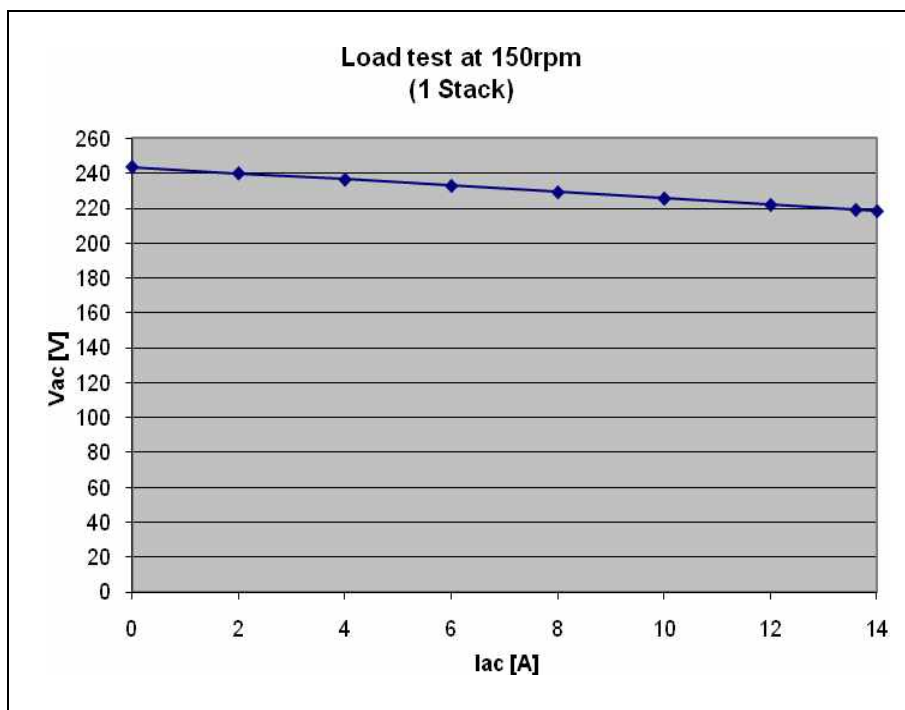
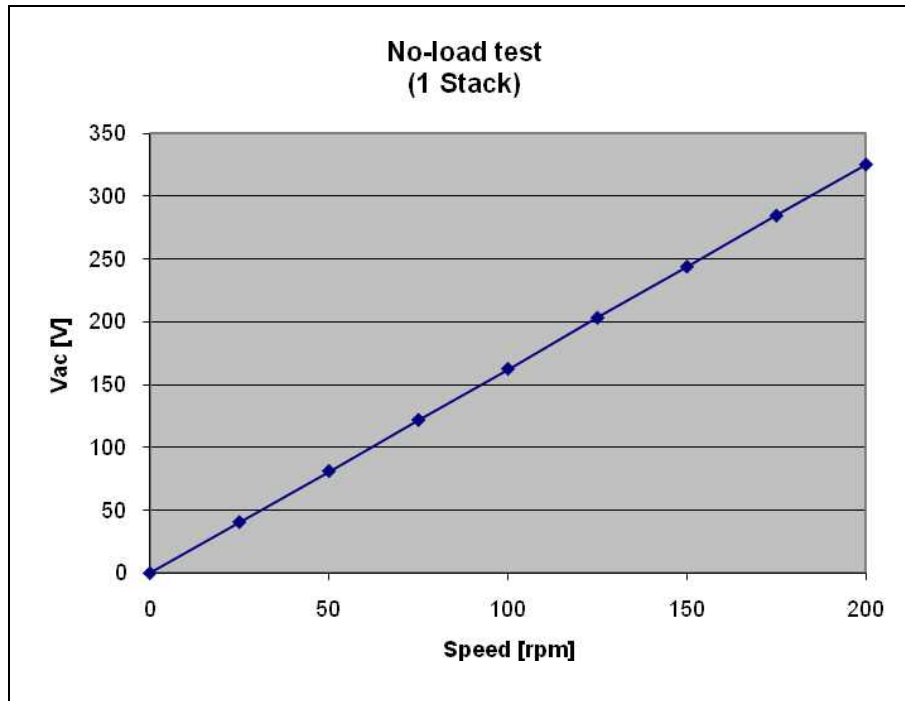
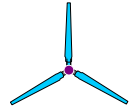
Model-SYG-660-R-10000-150 PMG for Wind Turbine (Other windings available upon request)

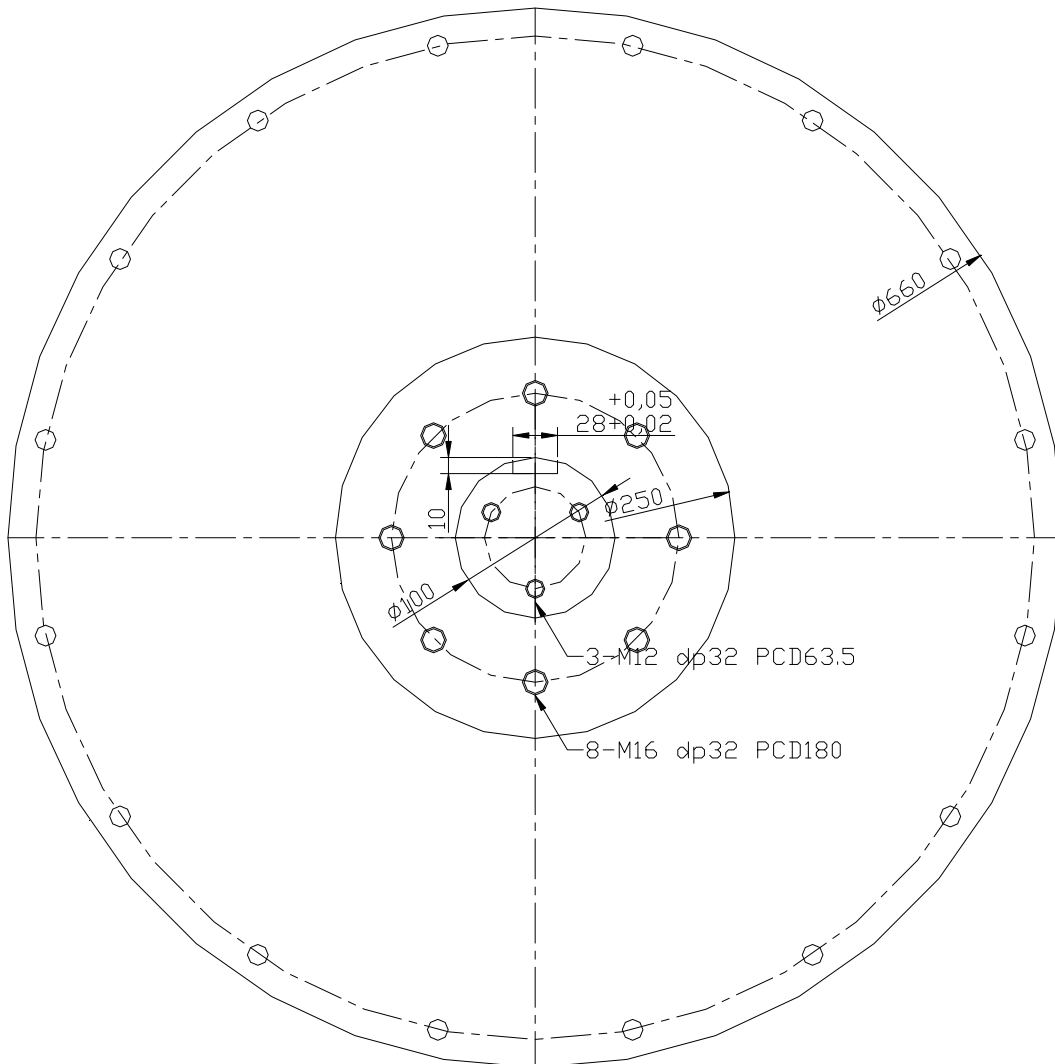
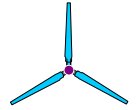
| No. | Parameter | Symbol | units | |
|-----|--------------------------------------|------------------|----------|--------------------------------|
| 1 | AC Voltage (Line-Line) | E | V | 220Vac(1 Stack) |
| 2 | Gen. Output Voltage | | | AC (3Phase) |
| 3 | Rotor | | | Permanent magnet (Inner rotor) |
| 4 | Stator | | | Coreless |
| 5 | Rectifier loss | | | Included |
| 6 | Output Power | P _o | W | 10,000(5,000 X 2 Stack) |
| 7 | Rated speed | ω | rpm | 150 |
| 8 | Speed Constant | K _E | V/rpm | 1.625 |
| 9 | Resistance (Line-Line/ single stack) | R _T | Ω | 2.087 |
| 10 | Maximum Winding Temperature | C _{Max} | °C | 130 |
| 11 | Number of Phases | - | - | 3 |
| 12 | Number of Poles | - | - | 24 |
| 13 | Winding type | - | - | Wye |
| 14 | Magnet Material | - | - | NdFeB |
| 15 | Gen. Weight | W _M | kg | 300 |
| 16 | Gen. Diameter | M _D | mm | 660 |
| 17 | Gen. Length | M _L | mm | 300 |
| 18 | Housing Material | - | - | Aluminum |
| 19 | Shaft Bearing | - | - | Ball |
| 20 | | | | |
| 21 | | | | |
| 22 | | | | |

APPLICATION – Small Wind Turbine, Hydro Power, etc.

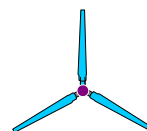
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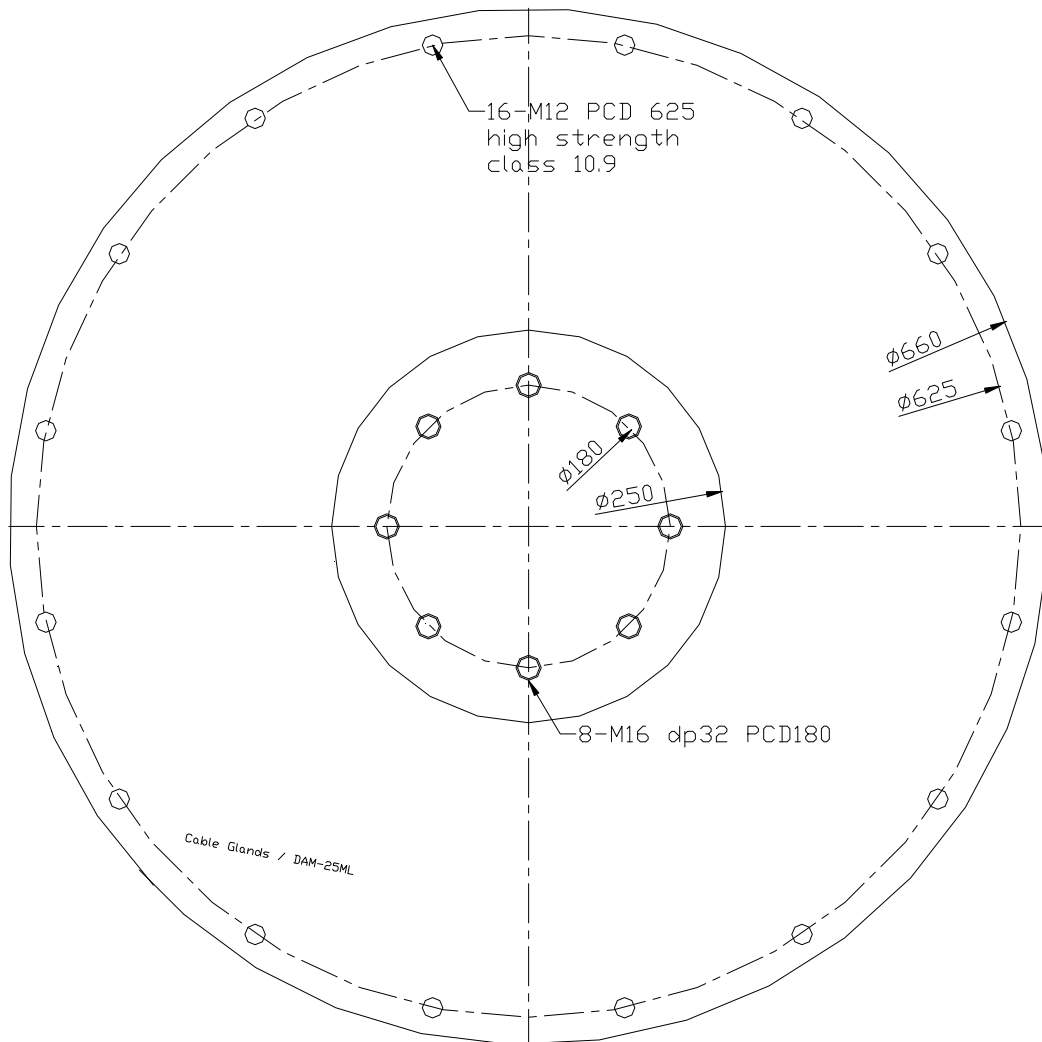
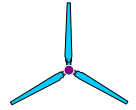






- Front -





- Rear -

