

## **Alternator Specifications**

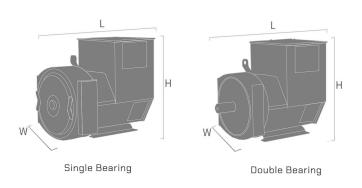
| TF4W252D4P00-TH        |                          |        |           |       |  |  |  |
|------------------------|--------------------------|--------|-----------|-------|--|--|--|
|                        | Generator Specifications |        | KW        | KVA   |  |  |  |
| <b>③</b>               | Power                    |        | 100       | 125   |  |  |  |
| <b>(2)</b>             | Rated Speed              | r.p.m. | 1500/1800 |       |  |  |  |
| W                      | Available Voltages       | V      | 220~440   |       |  |  |  |
| 50/60<br>HZ            | Frequency                | Hz     | 50/60     |       |  |  |  |
| <b>3</b> <sub>PH</sub> | Phase                    |        | 3-РН      |       |  |  |  |
|                        | Power Factor             | CosØ   | 0.8       |       |  |  |  |
|                        | Rated Current            | A      | 180       |       |  |  |  |
|                        | Efficiencies             | %      | 91.6      |       |  |  |  |
|                        | Excitation System        |        | AVR       |       |  |  |  |
|                        | Exciter Type             |        | Brus      | hless |  |  |  |



| Winding Structure                                   | 2/3 pitch        |  |
|---|------------------|--|
| Insulation Grade                                    | Н                |  |
| Protection Grade                                    | IP21             |  |
| Cooling Method                                      | Self-Fan Cooling |  |
| Voltage Setting Range                               | >5% U            |  |
| Steady State Voltage Regulation                     | 1%               |  |
| Transient Voltage Regulation                        | 85%~120%U, ≤1S   |  |
| Overload 10% Hot Operation                          | 1H               |  |
| Line Voltage Waveform Sinusoidal<br>Distortion rate | ≤5%              |  |



## Dimension and Weight



| DIMENSION |            |    | SINGLE<br>BEARING | DOUBLE<br>BEARING |
|-----------|------------|----|-------------------|-------------------|
|           | Length (L) | mm | 1020              | 1090              |
| W         | Width (W)  | mm | 530               |                   |
| ₩ <u></u> | Height (H) | mm | 775               |                   |
| Kg        | Dry Weight | Kg | 525               |                   |

Weights and dimensions based on standard products. Technical data described in this catalogue correspond to the available information at the moment of printing. The illustrations and images are indicative and may not coincide in their entirety with the product. Industrial design under patent.

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