

## 1. Genset 215 kVA - 60Hz



## POWERED BY



## 2. Technical informations

| Generator Specifications | Unit     | Description                       |           |           |
|--------------------------|----------|-----------------------------------|-----------|-----------|
| Regulation class         |          | ISO8528                           |           |           |
| Frequency                | Hz       | 60                                |           |           |
| Power Factor             |          | 0.8                               |           |           |
| Three Phase Voltage      | Vca      | 220 / 127 - 380 / 220 - 440 / 254 |           |           |
| Operating System         |          | Stand-By                          | Prime     | COP       |
| Genset Power             | kVA / kW | 200 / 160                         | 180 / 144 | 160 / 128 |
| Consumption ± 5%         | Nm³/h    | 56.6                              | 51.2      | 45.8      |
| Battery                  |          | 12V - 95Ah - 750CCA               |           |           |

| Engine Specifications                | Unit     | Description                              |  |  |
|--------------------------------------|----------|------------------------------------------|--|--|
| Model                                |          |                                          |  |  |
| Brand                                |          | MWM                                      |  |  |
| Application                          |          | Stationary                               |  |  |
| Rotation                             | rpm      | 1500                                     |  |  |
| Configuration                        |          | 04- stroke / 6 Cylinders in line         |  |  |
| Bore x Stroke                        | mm       | 105 x 137                                |  |  |
| Aspiration Type / Injection System   |          | Turbo Aftercooler / Eletronic Direct     |  |  |
| Compression Ratio                    |          | 0.5006944444444444                       |  |  |
| Alternator, standart equipment       | A        | 12:01                                    |  |  |
| Starter, standart equipment          | Vcc - kW | 12 - 3,3                                 |  |  |
| Cooling System                       |          | Water + Air + Blowing Ventilation System |  |  |
| Coolant Total Capacity               | l        | 33                                       |  |  |
| Coolant Specification                |          | Havoline Xtended Life Premix 50/50       |  |  |
| Lube Oil Specification               |          | SAE 15W40 / API CI-4 / ACEA E7-08        |  |  |
| Lube Oil liter Capacity with filter  | l        | 22                                       |  |  |
| Lube Oil Filter Replacement Interval | h        | 250                                      |  |  |
| Resistência de Pré Aquecimento       |          | 1000W - Standart to automatic Genset     |  |  |

| Command Panel Specifications              |     | Unit | Description                                            |           |
|-------------------------------------------|-----|------|--------------------------------------------------------|-----------|
| Type                                      |     |      | Manual                                                 | Automatic |
| Single Without Ramp                       |     |      | DEEP SEA                                               |           |
|                                           |     |      | DS7320                                                 |           |
| Single With Ramp                          |     |      | DEEP SEA                                               |           |
|                                           |     |      | DS8620                                                 |           |
| Parallel Without Ramp                     |     |      | DEEP SEA                                               |           |
|                                           |     |      | DS8610 + DS331                                         |           |
| Parallel With Ramp                        |     |      | DEEP SEA                                               |           |
|                                           |     |      | DS8610 + DS8660                                        |           |
| Three Phase Voltage                       | Vca |      | 380 - 220 / 400 - 231                                  |           |
| IP Rating                                 |     |      | IP-23                                                  |           |
| Dimensions (H x W x D)                    | mm  |      | 1200 x 600 x 255                                       |           |
| Protection                                |     |      | Manual thermomagnetic circuit-breaker - tripolar fixed |           |
| Parallelism Connection between Generators |     |      | Motorized Circuit Breaker                              |           |
| Battery Charger                           |     |      | YES                                                    | NO        |

| Assembly Specifications                       |       |       | Unit                                                                          |  | Description                                                                          |        |
|-----------------------------------------------|-------|-------|-------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|--------|
| Type                                          |       |       |                                                                               |  | Open Skid                                                                            | Canopy |
| Exhaust System                                |       |       |                                                                               |  | Industrial 3" and stainless-steel bellows; Hospitalar 4" and stainless-steel bellows |        |
| Width (W)                                     |       | mm    |                                                                               |  | 1150                                                                                 | 1150   |
| Length (L)                                    |       | mm    |                                                                               |  | 2915                                                                                 | 3471   |
| Height (H)                                    |       | mm    |                                                                               |  | 1833                                                                                 | 2159   |
| Empty Weight                                  |       | kg    |                                                                               |  | 1830                                                                                 | 2532   |
| Impregnation                                  |       |       | Polyester powder electrostatic (base in black color and Canopy in blue color) |  |                                                                                      |        |
| Impregnation type                             |       |       | Textured                                                                      |  |                                                                                      |        |
| Salt Spray Resistance Assembly Specifications |       |       | Minimum 500h (on phosphatized plate)                                          |  |                                                                                      |        |
| Paint Thickness                               |       |       | 80 µm [microtexturized]                                                       |  |                                                                                      |        |
| Levels of noise                               | 1,5 m | dB(A) |                                                                               |  | 103                                                                                  | 85     |
|                                               | 7,0 m | dB(A) |                                                                               |  | 98                                                                                   | NA     |
| NA - No Available                             |       |       |                                                                               |  |                                                                                      |        |

NA - Not Available

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