



3406C MCS Approved Marine Generator Sets

NPI Information
Specifications
October 2005

3406C MCS Approved Marine Genset Specifications

- **I-6, 4-Stroke-Cycle-Diesel**
- **IMO and EPA Tier II compliant**
- **Displacement – 14.6L (893 cu in)**
- **Bore – 137mm (5.4 in)**
- **Stroke – 165mm (6.5 in)**
- **Turbocharged aftercooled**
- **PSG governor**
- **SAE No.1 flywheel (113 teeth) and flywheel housing**

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- **Dimensions – (heat exchanger and keel cooled units)**
 - Overall Length 2902.7 mm (114.3 in)
 - Overall Height 1474.2 mm (58.0 in)
 - Overall Width 996.3 mm (39.2 in)
- **Dimensions – (radiator cooled units)**
 - Overall Length 3334.1 mm (131.3 in)
 - Overall Height 1835.2 mm (72.3 in)
 - Overall Width 1270.0 mm (50.0 in)
- **Approximate Dry Engine Weight**
 - 320 / 260 ekW 60 Hz 2404 kg (5300 lb)
 - 245 ekW 50 Hz 2585 kg (5700 lb)
 - 215 ekW 50 Hz 2404 kg (5300 lb)
 - 240 ekW 50 Hz 2602 kg (5737 lb)

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- **Engineering Model – GS195**
- **Serial Number Prefix – Captive Engine for Genset -- GDF
Generator Package -- PFH**
- **Performance Numbers**
 - **60 Hertz at 1800 rpm**
 - **320 ekW (400 kVA) DM6107**
 - **260 ekW (325 kVA) DM6105**
 - **50 Hertz at 1500 rpm**
 - **245 ekW (306 kVA) DM6103**
 - **215 ekW (269 kVA) DM6102**
 - **240 ekW (300 kVA) DM6103**

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- **Fuel Consumption (60 Hz at 1800 rpm)**
 - **320 kW (heat exchanger and keel cooled)**
 - 100% load 85.5 Lph (22.6 gph)
 - 75% load (240 kW) 63.5 Lph (16.8 gph)

 - **260 kW (heat exchanger and keel cooled)**
 - 100% load 72.6 Lph (19.2 gph)
 - 75% load (195 kW) 54.5 Lph (14.4 gph)

- **Fuel Consumption (50 Hz at 1500 rpm)**
 - **245 kW (heat exchanger and keel cooled)**
 - **240 kW (radiator cooled)**
 - 100% load 67.5 Lph (17.8 gph)
 - 75% load (184 kW) 50.5 Lph (13.3 gph)

 - **215 kW (heat exchanger and keel cooled)**
 - 100% load 59.2 Lph (15.6 gph)
 - 75% load (161 kW) 44.9 Lph (11.9 gph)

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- **Capacity for Liquids (heat exchanger and keel cooled)**
 - **Cooling System (engine only)**
 - 20.8 L (5.5 U.S. gal)
 - **Lube Oil System (refill)**
 - 68 L (18 U.S. gal)

- **Capacity for Liquids (radiator cooled)**
 - **Cooling System (engine only)**
 - 20.8 L (5.5 U.S. gal)
 - **Lube Oil System (refill)**
 - 68 L (18 U.S. gal)

- **Oil Change Interval**
 - 250 hours