

KGC135 GENSET

Generating Set Powered By



STAMFORD

Performances 1500rpm 1800rpm

Alternator Efficiency %91.7 %91.7

Engine Power

Prime Power, KWm(hp) 162.26(122) 175.56(132)
Standby Power, KWm(hp) 175.56(132) 188.86(142)

Alternator

Prime Power, KWe 124.2 134

Lubrication System 1500rpm 1800rpm

Oil Consumption (l/hr) %0.08 of fuel consumption

Oil Sump Capacity, l 14.3

Oil System Capacity Include Filters, l 16.4

Cooling System 1500rpm 1800rpm

Heat Radiation from Engine and Alternator, Power KW 16 18

Heat Rejection to Coolant and Lube Oil at Standby Power, KW 72 78

Radiator Cooling Air Flow, m³/s 2.7 2.7

Coolant Capacity, l 30.5

Intake & Exhaust System 1500rpm 1800rpm

Air Flow Combustion at Standby Power, m³/min(cfm) 316(8.94) 379(10.74)

Heat Rejection Exhaust at Standby Power, KW 152 178

Exhaust Gas Temperature at Standby °C 520 490

Max Allowable Back Pressure in Exhaust Line, Kpa 10.25 10.25

Exhaust Gas Flow at Standby Power, m³/min(cfm) 1102(31.20) 1299(36.78)

Accessories

Oil Drain Pump **Anti-Vibration Pads**

Stainless Steel Flexible **Oil**

Genuine Oil **Coolant 'Ready Mix'**

Genuine Coolant **Fuel Tank Base Frame for 8hrs**

Standard Silencer

Control Panel Readings

- AC volts, AC currents, DC volts, frequency, rpm, hour counter, power factor.
- Low oil pressure, high water temperature, boost pressure and temperature, KW, KWh, KVA, KVAR
- Oil pressure, low oil level, high oil temperature
- DC alternator failure, over speed, over crank (Fail to start), over under voltage, over under current, any sensor failure
- Low coolant level - Configurable inputs&outputs
- Upgradable for GSM network connection, Signal SMS messages.

Optional Equipment

- **Engine**
 - Coolant heater
 - Oversize batteries
 - Extra fuel pre-filter water separator
 - Battery Disconnect Switch
 - Electrical Governor
- **Alternator**
 - Excitation Boost System (EBS)
 - Upgrade to 3 phase sensing AVR
 - Qadrature droop kit
 - Anti-condensation heater
 - Air inlet filters
- **General**
 - Upgrade to modular controller for paralleling
 - Upgrade to 4 pole circuit breaker
 - Battery charger
 - Automatic transfer switch
 - Fuel level switch High / Low for alarm and control
 - Fuel transfer pump Automatic / Manual
 - Residential grade silencer
 - Weather protective and acoustic enclosure.

Spare Parts Kit (Optional) Genuine - Cummins

Oil filter (1)
Fuel filter (1)
Air filter (1)
Fan belt set (1)
Alternator belt set (1)

General Information

Documentation

Engine instruction book-English
Alternator manual- English
Wiring diagram

Warranty

One year or 1000 thousand hours whichever elapsed first against all defects in material / or workmanship, subject to the terms and conditions of the Manufacturer's warranty.

GORAN

GENERATOR

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