

Product Specifications For CG137-12



Engine Specifications

Maximum Rating	600 BHP
Rated Speed	1800 rpm
Emissions	Rich Burn: EPA NSPS Site Compliant Capable with Caterpillar Supplied AFRC and Customer Supplied Aftertreatment
Minimum Rating	600 BHP
Compression Ratio	8.3:1
Aspiration	Turbocharged - Aftercooled
Rotation from Flywheel End	Counterclockwise
Flywheel and Flywheel Housing	SAE No. 14 or 18, Flywheel Housing SAE No. 0
Flywheel Teeth	136
Length	80.19 in
Displacement	1648 in ³
Oil Change Interval	750 hours
Width	59.65 in
Ignition, Protection	Electronic ADEM A4
Air/Fuel Ratio Control	Electronic ADEM A4
Stroke	6 in
Bore	5.4 in
Height	66.97 in

Weight - Dry

6250 lb

Capacity For Liquids

Cooling System

20 gal (US)

Lube Oil System - Refill

45 gal (US)

CG137-12 Standard Equipment

Air Inlet System

Air cleaner — single element with service indicator

Optional air inlet adapter and rain cap — recommended for weather protection

Control System

ADEM A4

Class 1, Division 2, Group C&D and Zone 2

Cooling System

Jacket water thermostats and housing — full open temperature 98°C (208°F)

Jacket water pump — gear driven, centrifugal, non-self-priming

Aftercooler water pump — gear driven, centrifugal, non-self-priming

Aftercooler core — for treated water and sea air atmosphere

Exhaust System

Exhaust manifolds — watercooled

Exhaust elbow — dry 203 mm (8 in)

Three-way catalyst — 1.0 g NO_x and 0.5 g NO_x NTE options

Flywheels & Flywheel Housings

Flywheel, SAE No. 14 or 18

Flywheel housing, SAE No. 0

SAE standard rotation

Fuel System

Air/fuel ratio control

Gas pressure regulator

Natural gas carburetor

Lube System

Crankcase breather — top mounted

Oil cooler

Oil filter — RH

Oil filler in valve cover, dipstick — RH

Mounting System

Engine mounting rails — 254 mm (10 in) industrialtype, entire length

Protection System

ADEM A4 protection

The following include alarm and shutdown:

The following is display only

General

Paint, Caterpillar yellow

Crankshaft vibration damper and drive pulleys

Lifting eyes

Cylinder block inspection covers

CG137-12 Optional Equipment

Charging Alternator

24V, 35A CSA alternator

Exhaust System

Exhaust flex fitting

Exhaust elbow

Exhaust flange — ANSI

Instrumentation

Operator interface panel

Operator interface panel enclosure

15', 20', 50' interconnect harness

Starting System

Air pressure regulator

Air start silencer

Vane starter

Electric starter

Turbine starter

Fuel System

Fuel filter

Air Inlet System

Precleaner

Rain cap