

Product Specifications For G3616 A4



Engine Specifications

Maximum Rating	5500 BHP
Rated Speed	1000 rpm
Emissions	Lean Burn: EPA NSPS Site Compliant Capable with Customer Supplied Aftertreatment, 0.3 g and 0.5 g/bhp-hr NOx
Minimum Rating	5000 BHP
Compression Ratio	Gen 1 (9.2:1) Gen 2 (7:6:1)
Aspiration	Turbocharged - Aftercooled
Rotation from Flywheel End	Counterclockwise
Flywheel Teeth	255
Displacement	20698 in ³
Oil Change Interval	5000 hours
Ignition, Protection	Electronic, ADEM™4
Stroke	11.8 in
Bore	11.8 in
Length	231.38 in
Width	102.28 in
Height	129.05 in
Weight - Dry	70301 lb

Capacity For Liquids

Cooling System

211 gal (US)

Lube Oil System - Refill

351 gal (US)

G3616 A4 Standard Equipment

Air Inlet System

Air cleaner

Air inlet adapter

Cooling System

ADEM 4

ANSI Class 150 6 inch Flange (inlet water connection)

ANSI Class 150 4 inch Flange (outlet water connection)

Engine driven water pump

Jacket Water inlet connection

Engine Mounted, two stage, plate-fin aftercooler

Jacket Water outlet regulator 88°C

Engine Rating

Engine rating and speed selection

Exhaust System

Hard Heat Shielded Exhaust manifold

Vertical Exhaust Outlet

Flywheel And Flywheel Housing

Engine Barring Device

SAE Standard Flywheel

Fuel System

ANSI Class 150 2 inch Flange (Customer Connect)

Fuel Filter

Fuel Valve with electronically controlled fuel supply pressure

Gas supply and and shut-off valves — electronically controlled fuel supply pressure

General

Four lifting eyes

Paint, Caterpillar Yellow

Shipping Skid

Storage Preservation

Instrumentation

HMI Panel

Lube System

Breathers

Closed Crankcase Ventilation System

Engine-driven oil pump

Front and Rear oil Drains

Oil Cooler

Oil Filter

Oil Supply line

Oil Pan

Prelube Pump

Mounting System

Six mounting feet

Power Take-Offs

Damper

Damper Guard

Protection Systems

Crankcase explosion relief valve

Protection Shutdown Levels

Starting System

Air Start Motor

Telematic System

Cat® Connect Technology

G3616 A4 Optional Equipment

Charging System

Charging alternator

Exhaust System

Lifting eye exhaust shield

Valve Spring Compressor Tools

Fuel System

Fuel Connection Hose

Gas Pressure Regulator

General

Cell - Stellite Radio

Language Decals

Paint Colors

Service Tools

Lube System

Lubricating Oil

Oil Level Regulator

Mounting System

Flex EXH Fitting

Mounting Plates

Power Take-Offs

Stub Shaft

Telematic System

Service Communications Adapter

Product Link Extension Harness

Product Link Lan Adapter