

PRODUCT SPECIFICATIONS FOR 3608

POWER RATING

Maximum Power	2460 kW
Maximum Torque	24700 Nm @ 820 rpm
Rated Speed	800-1000 rpm
Minimum Power	2080 kW

EMISSION STANDARDS

Emissions	Non-Certified
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GENERAL

Engine Configuration	Inline 8, 4-Stroke-Cycle Diesel
Bore	280 mm
Stroke	300 mm
Displacement	147.8 l
Aspiration	Turbocharged Aftercooled
Rotation from Flywheel End	Counterclockwise
Aftertreatment	-

ENGINE DIMENSIONS - APPROXIMATE

Length	4828 mm
Width	1748 mm
Height	2626 mm

**Weight - Net Dry - Basic Operating Engine
Without Optional Attachments**

19000 kg

3608 STANDARD EQUIPMENT

AIR INLET SYSTEM

Aftercooler core, corrosion resistant coated (air side)

Air cleaner. Regular duty, dry, panel type with service indicators, turbocharger, jacket water aftercooled.

Turbocharger, rear mounted

Jacket water aftercooled

CONTROL SYSTEM

Governor, RH, 3161 with self contained synthetic oil sump

Air-fuel ratio control

Mechanical speed control, without torque control

Governor control

Positive locking

COOLING SYSTEM

Thermostats and housing

Jacket water pump, centrifugal

EXHAUST SYSTEM

Exhaust manifold, dry

FLYWHEELS AND FLYWHEEL HOUSING

SAE No. 00 flywheel

183 flywheel teeth

SAE No. 00 flywheel housing

FUEL SYSTEM

Fuel filter, with service indicators, cartridge type with RH service

Fuel transfer pump

INSTRUMENTATION

Instrument Panel, RH

INSTRUMENT PANEL, RH

Engine oil pressure gauge

Fuel pressure gauge

Oil filter differential gauge

Jacket water temperature gauge

Service meter, electric

Tachometer

LUBE SYSTEM

Crankcase breather, top mounted

Oil cooler

Oil filler

Oil dipstick

Oil pump

Oil filter, cartridge type with RH service

Shallow oil pan

MOUNTING SYSTEM

Rails, mounting, engine length, 254 mm (10 in), industrial-type, C-channel.

POWER TAKE OFF

Accessory drive, upper RH

Front housing, single sided

PROTECTION SYSTEM

Junction box

Manual shutoff, RH

Safety shutoff protection, energized to shutdown

Low oil pressure, low idle 69 kPa (10 psi); high idle 207 kPa (30 psi)

Water temperature

Overspeed

3161 governor solenoid energized to shutdown

STARTING SYSTEM

Starting switch

GENERAL

Vibration damper

Lifting eyes

Paint: Caterpillar yellow, with optional colors available at request