

PRODUCT SPECIFICATIONS FOR 3608



Maximum Power	2460 kW
Maximum Torque	24700 Nm @ 820 rpm
Rated Speed	800-1000 rpm
Minimum Power	2080 kW
Emissions	Non-Certified
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	-
Length	4828 mm
Width	1748 mm
Height	2626 mm

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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

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

