

PRODUCT SPECIFICATIONS FOR C9.3B



Maximum Power	298 kW
Rated Speed	1800-2200 rpm
Minimum Power	224 kW
Emissions	U.S. EPA Tier 4 Final
Engine Configuration	Inline 6, 4-Stroke-Cycle-Diesel
Bore	115 mm
Stroke	149 mm
Displacement	9.3 l
Compression Ratio	17.0:1
Aspiration	Turbocharged Aftercooled (TA)
Rotation from Flywheel End	Counterclockwise
Aftertreatment	DOC+DPF+SCR
Length	2042 mm
Width	1118 mm
Height	1741 mm
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Weight 1839 kg

Width 870 mm

Height 570 mm

Weight 212 kg

Diameter 330 mm

Length 854 mm

Width 287 mm

Height 551 mm

Weight 19.4 kg

Volume Capacity 48.4 l

C9.3B STANDARD EQUIPMENT

AIR INLET SYSTEM

Turbocharged

Air-to-Air Aftercooled

Mid-mount turbocharged system with front and rear exhaust configurations (Tier 4 Final, Stage IV)

CONTROL SYSTEM

Electronic control system

Over-foam wiring harness

Automatic altitude compensation

Power compensated for fuel temperature

Configurable software features

Engine monitoring system SAE J1939 broadcast and control

Integrated Electronic Control Unit (ECU)

Remote fan control

COOLING SYSTEM

Vertical or RH thermostat outlet

Centrifugal water pump

Guidance on cooling system design available through your dealer to ensure equipment reliability

FLYWHEELS AND FLYWHEEL HOUSING

Dual rear PTO configuration

Available SAE No. 1 power take off with optional SAE A, SAE B or SAE C power take off drives. Engine power can also be taken from the front of the engine with optional attachments. (Tier 4 Final, Stage IV).

FUEL SYSTEM

Electronic high pressure common rail

Primary fuel filter

Secondary fuel filters

Fuel transfer pump

Electronic fuel priming

LUBE SYSTEM

Open crankcase ventilation system

Oil cooler

Oil filler

Lube oil filter

Oil dipstick

Gear driven oil pump

Choice of front, rear or center sumps

Open crankcase ventilation system with fumes disposal (optional OCV filter system) (Tier 4 Final, Stage IV)

POWER TAKE OFF (PTO)

POWER TAKE OFF (PTO)

SAE A, SAE B or SAE C power take off (PTO) drives. Engine power can also be taken from the front of the engine on some applications.

GENERAL

Vibration damper

Lifting eyes

U.S. EPA TIER 4 INTERIM, EU STAGE IIIB AFTERTREATMENT / CLEAN EMISSIONS CONTROL EQUIPMENT

Cat Regeneration System

Clean Emissions Module (CEM), consisting of Diesel Particulate Filter (DPF) and Diesel Oxidation Catalyst (DOC)

NOx Reduction System (NRS)

Flex pipe connection kit with 90° rotatable elbows to attach to Cat Regeneration System Inlet

Available in 12 volt or 24 volt systems

U.S. EPA TIER 4 FINAL, EU STAGE IV AFTERTREATMENT/ CLEAN EMISSIONS CONTROL EQUIPMENT

Cat Regeneration System

Clean Emissions Module (CEM), consisting of Diesel Particulate Filter (DPF) and Diesel Oxidation Catalyst (DOC)

Aftertreatment Electronic Control Unit (ECU)

NOx Reduction System (NRS)

Pump Electronic Control Unit (PETU)

Available in 12V or 24V systems

Selective Catalytic Reduction (SCR)

