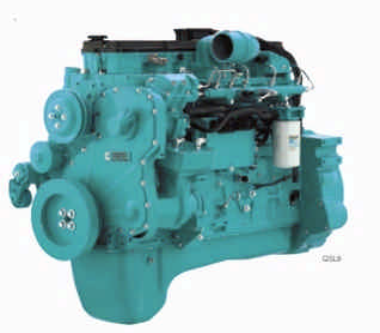
QSL9-G3

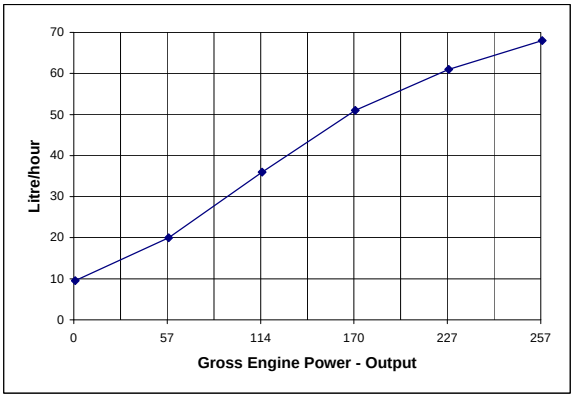
Specification Sheet

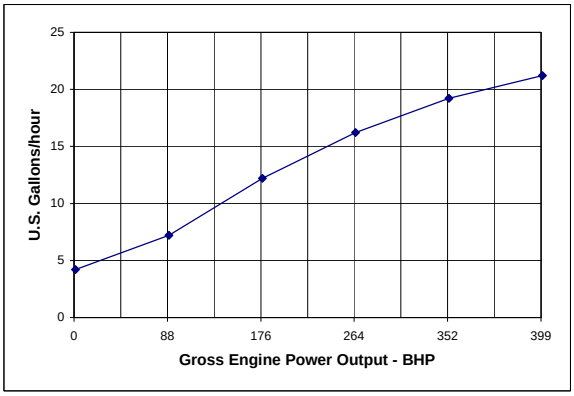
50Hz - 193kWm - 257kWm

60Hz - 223kWm - 297kWm



Fuel Consumption





Performance

Standard Conditions:

Data Shown Above Based On:

- Engine operating with fuel system, water pump, lubricating oil pump, air cleaner and exhaust silencer; not included are battery charging alternator, fan and optional driven components.
- Engine operating with diesel fuel corresponding to grade No. 2D per ASTM D975.
- ISO-3046, Part 1, Standard Reference Conditions of: 100 kPA [29.53 in Hg] barometric pressure (110 m [361 ft] altitude), 25 °C [77 °F] air temperature and a relative humidity of 30%.

Notes:

- Cummins Engine Company recommends that Cummins engines be operated at a minumum load of 30% of their respective standby power rating.

Specifications

Four Stroke Cycle, Turbocharged, Air Cooled, In-line 6 Cylinder Diesel Engine.

1500 RPM Engine Output	kWm	BHP
Standby Power Rating	257	345
Prime Power Rating	227	305
Continuous Power Rating	193	259

1800 RPM Engine Output	kWm	BHP
Standby Power Rating	297	399
Prime Power Rating	262	352
Continuous Power Rating	223	299

*Refers to gross power available from engine, not generator set.

General Engine Data:	
Bore and Stroke	114 x 145mm
Displacement	8.8L
**Lube System Oil Capacity	26.5L
Coolant Capacity	
Engine	11L
Aftercooler	N/A
Net Weight with Standard	
Accessories, Dry	714L

Approx. Overall Dimesions:	
Width	947mm
Length	1208mm
Height	1173mm

** Including Bypass Filter

Rating Guidelines:

Based on ISO8528 and defined in Cummins Power Rating Application Guidelines. Ref: AEB 26.02

Operation at Elevated Temperature and Altitude:

The engine may be operated at:

- 1800 RPM up to:

TBD m and TBDC without power deration.

- 1500 RPM up to:

TBD M and TBDC without power deration

Note:

Refer to the performance derate curves on data sheet FR-91996 for altitude and temperature effects on rated power.

QSL9-G3

Specification Sheet

Design Features

Common Rail fuel System and Controls

Bosch high pressure common rail (HPCR) - Optimize engine performance to provide seamless integration and advanced diagnostics and programming options.

Holset HX40 Turbocharging

Wastegated design optimizes operation across the torque curve with improved response.

Integrated Block Design

Four valves per cylinder for increased power with faster response at every rpm. Integrated fluid circuits replace hoses and eliminate potential leaks.

24-Valve Cylinder Head

24-Valve Cylinder Head – Four valves per cylinder for increased power with faster response at every rpm.

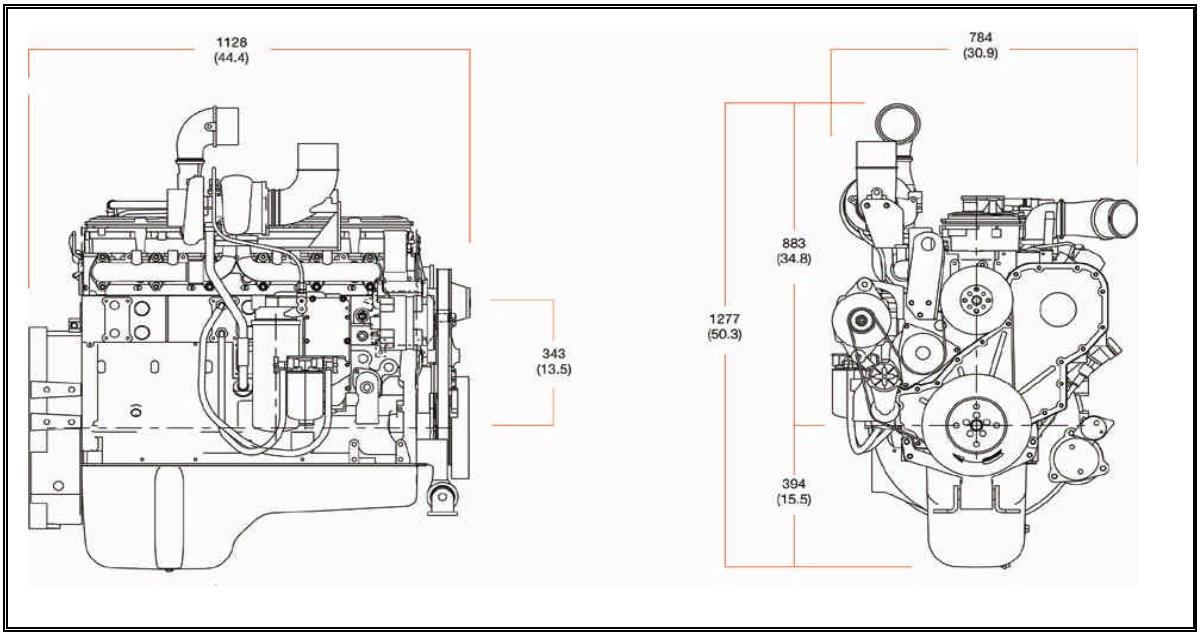
Optional Equipment:

- Extended filters go beyond the 500-hour standard oil change interval.
- Multiple accessory drive options.
- Rear Engine Power Take-Off (REPTO).

Please contact your local Cummins representative for additional information regarding engine options.

Overview

Cummins QSL engines are built to deliver heavy-duty performance in every piece of machinery. Full-authority electronic engine controls combine with the high-pressure fuel system, 24-valve design and centered injectors for one of the highest power-to-weight ratios in its class, with up to 50% torque rise. At the same time, the QSL delivers better fuel economy, has better cold starting capability and is up to 50% quieter in operation.



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