

EVERY POWER. QSM11

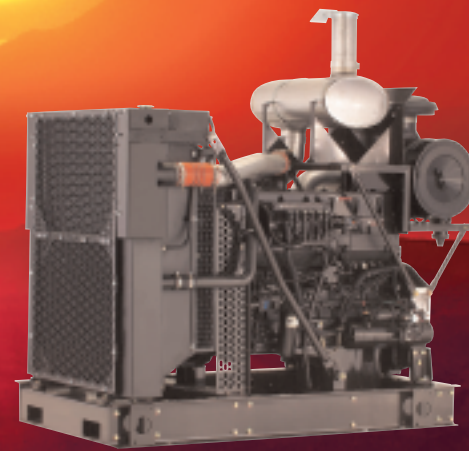


QSM11 Ratings

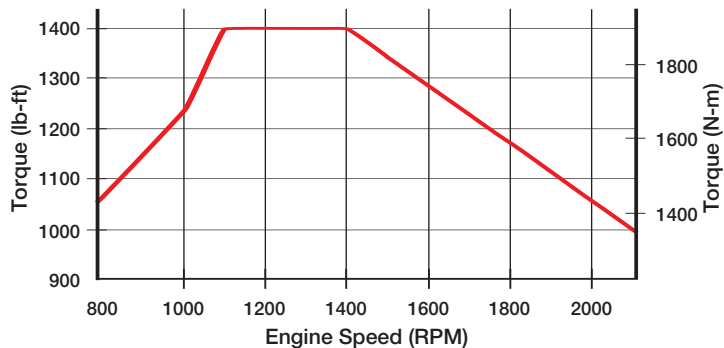
Engine Model	Advertised Horsepower	Peak Torque	Aspiration
QSM11	400 BHP @ 2100 RPM*	1,400 lb-ft @ 1400 RPM	Turbocharged/Charge Air Cooled
QSM11	375 BHP @ 2100 RPM*	1,400 lb-ft @ 1400 RPM	Turbocharged/Charge Air Cooled
QSM11	360 BHP @ 2100 RPM*	1,350 lb-ft @ 1400 RPM	Turbocharged/Charge Air Cooled
QSM11	350 BHP @ 2100 RPM*	1,309 lb-ft @ 1400 RPM	Turbocharged/Charge Air Cooled

Additional ratings are available. check with your Cummins distributor. *Restricted

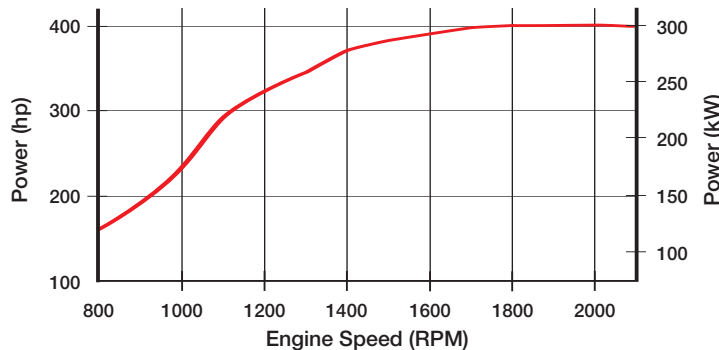
Emission Certification: U.S. EPA Tier 2, CARB Tier 2, EU Stage II, JMLIT Step 2



QSM11



FR2921



Specifications

Advertised Horsepower	400 BHP	298 kW
Peak Torque	1400 lb-ft	1898 Nm
Number of Cylinders	6	6
Displacement	660 cu in	10.8 liters
Bore and Stroke	4.90 in. x 5.8 in.	125 mm x 147 mm
Aspiration	Turbocharged and Charge Air Cooled	
Oil System Capacity	41.2 U.S. Quarts	39 Liters
Power Unit Weight (Dry) Open	3469 lbs	1574 Kg
Power Unit Weight (Dry) Enclosed	4130 lbs	1873 Kg
Total Cooling System Capacity	69.0 U.S. Quarts	65.3 Liters
Power Unit Size: Open		
Length	87.73 in.	2228 mm
Width	46.88 in.	1191 mm
Height	79.41 in.	2017 mm
Power Unit Size: Enclosed		
Length	74.49 in.	1892 mm
Width	52.64 in.	1337 mm
Height	81.32 in.	2066 mm

Curves shown above represent gross engine performance capabilities obtained and corrected in accordance with SAE J1995 conditions of 29.61 in Hg (100 kPa) barometric pressure [300ft (91m) altitude] 77 deg F (25 deg C) inlet air temperature, and 0.30 in Hg (1kPa) water vapor pressure with No. 2 diesel fuel.

All data is based on the engine operating with fuel system, water pump, and 15 in H₂O (381 mm H₂O) inlet air restriction with 6 in (152 mm) inner diameter, and with 3 in Hg (76 mm Hg) exhaust restriction with 5 in (127 mm) inner diameter; not included are alternator, fan, optional equipment and driven components. Coolant flows and heat rejection data based on coolants as 50% ethylene glycol/50% water.

The engine may be operated without changing the fuel setting up to 3048 m (10,000 ft.) altitude and 38 deg C (100 deg F).

CUMMINS POWER PRODUCTS

KEY FEATURES

QSM11

Full-Authority Electronic Controls Optimized engine operation, diagnostics, prognostics and more. Industry standard datalinks.

Parent Bore Cylinder Block Structurally advanced design handles high pressures with greater durability.

Quiet Operation Makes the QSM Series engine suitable in many environments.

Holset HX55 Wastegated Turbo Designed for optimum boost across operating range.

CELECT™ Electronic Engine Management Provides superior performance, fuel efficiency, diagnostics and prognostics using full-authority electronics. Its programmable features lets you customize engine performance to equipment use.

The Auto-Tensioning Belt Drive Self-adjusting for optimum tension, which increases fan, alternator and fan belt life.

The Rear Engine Power Take-Off (REPTO) Option Provides additional capacity for driving remote-mounted devices.

Cummins Industrial Warranty Coverage for two years or 2000 hours of operation, whichever occurs first, from the date of delivery of the power unit to the first user, or from the date the unit is first leased, rented or loaned, or when the power unit has been operated for 50 hours, whichever comes first. If the 2000 hour limit is exceeded during the first year, coverage continues until the end of the first year.

Available Options	Standard	Optional
Air Cleaner 25 g/cfm w/Safety Element - Open Rear Mount	■	
Air Cleaner 25 g/cfm w/Safety Element - Enclosed Top Mount	■	
Air Cleaner 25 g/cfm w/Safety Element - Enclosed Rear Mount		■
Clutch Support Plate		■
Twin Disc Clutch		■
Decal Option/Parts Manual	■	
Engine Harness Option	■	
Linear Throttle Control		■
Full Enclosure	■	
Electrical Wiring 12 Volt		■
Electrical Wiring 24 Volt	■	
Instrument Panel Mount - Open	■	
Instrument Panel - Powerview; includes Murphy powerview w/oil pressure, water temp., voltmeter, and tachometer gauges, key switch, run/idle switch, 9 pin J1939 diagnostic port, and isolated panel within enclosed lockable box.	■	
Instrument Panel - Nema Enclosure		■
12 Foot Extension Harness		■
24 Foot Extension Harness		■
Baseraill Engine Sub Base Non-Isolated	■	
Baseraill Engine Sub Base Isolated		■
Baseraill Engine Sub Base - Extended For Clutch Support		■
Packing/Shipping Skid	■	
Cooling System - Sucker; includes radiator, fan, shroud, positive deaeration tank, guarding, tubes.	■	
Cooling System - Blower; includes radiator, fan, shroud, positive deaeration tank, guarding, tubes.		■
Cooling System with Saltwater-Resistant Radiator		■
Restriction Indicator - Air Cleaner		■
Stone Guard - Grill Type	■	
Coolant Level Safety Shutdown	■	
Exhaust System	■	

CUMMINS POWER PRODUCTS

21810 Clessie Court
 New Hudson, Michigan 48165
 Phone: 248-573-1600
 Fax: 248-573-4014
 Internet: cpp.cummins.com