



EVERY POWER.

QSM11

QSM11 Ratings

ENGINE MODEL	ADVERTISED HORSEPOWER	PEAK TORQUE	ASPIRATION
QSM11	400 HP @ 2100 RPM	1400 LB-FT @ 1400 RPM	Turbocharged / Charge Air Cooler
QSM11	375 HP @ 2100 RPM	1400 LB-FT @ 1140 RPM	Turbocharged / Charge Air Cooler
QSM11	350 HP @ 2100 RPM	1310 LB-FT @ 1400 RPM	Turbocharged / Charge Air Cooler
QSM11	300 HP @ 2200 RPM	1050 LB-FT @ 1400 RPM	Turbocharged / Charge Air Cooler

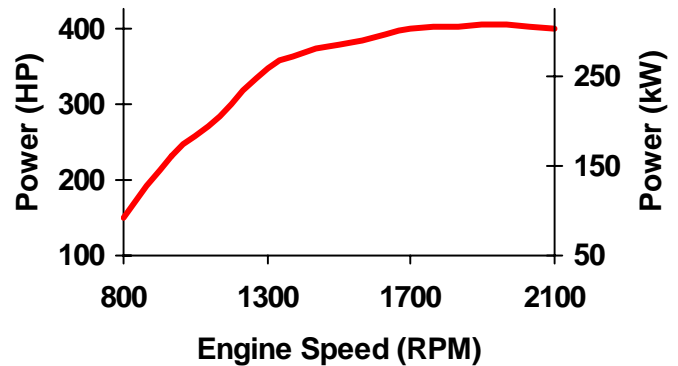
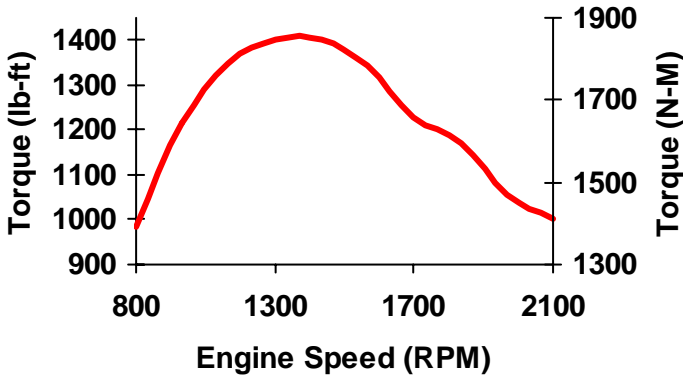
ADDITIONAL RATINGS ARE AVAILABLE. CHECK WITH YOUR CUMMINS DISTRIBUTOR.

Emission Certification: U.S. EPA Tier 3, CARB Tier 3, EU Stage IIIA



QSM11

FR-200001



Specifications

Advertised Horsepower		300-400 BHP	224 -298 kW	
Peak Torque		1050 - 1400 LB-FT	1424 - 1898 NM	
Number of Cylinders		6		
Displacement		660 cu in	10.8 liters	
Bore and Stroke		4.92 in. x 5.79 in.	125 mm x 147 mm	
Aspiration		Turbocharged and Charge Air Cooled		
Oil System Capacity		36 U.S. Quarts	34 Liters	
Power Unit Weight (Dry)	Open	3394 lbs.	1540 Kg	
	Enclosed	3718 lbs.	1686 Kg	
Total Cooling System Capacity		73.67 U.S. Quarts	69.70 liters	
Power Unit Size: Open	Length	77.38 in.	1965 mm	
		Width	46.88 in.	1191 mm
		Height	70.07 in.	1780 mm
	Enclosed	Length	74.49 in.	1892 mm
		Width	43.10 in.	1095 mm
		Height	82.22 in.	2088 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 (3.733 kPa) inlet air restriction with 6 in (152 mm) inner diameter, and with 3 in Hg (10 kPa) exhaust restriction with 5 in (127 mm) inner diameter; not included are alternator, fan, optional equipment and driven components.

The engine may be operated up to 8,000 ft (2,438 m) altitude before electronic derate is applied.

CUMMINS POWER PRODUCTS

KEY FEATURES

QSM11

Wastegated HX55 Turbocharger Designed for optimum boost across operating range.

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.

Air Cleaner Heavy duty industrial air cleaners with aluminized tubing. Safety elements included within the air cleaners and restriction indicators available.

Baserail Mounting Made of heavy duty formed C channel. All metal components are powder coated. Passes a 1000 hours salt water test.

Cooling System Heavy duty radiator assembly with jacket water and charge air cooler incorporated within assembly. Sucker or blower fan arrangements available. Aluminized charge air cooler tubes and painted water tubes. Radiator shroud, fan and belt guarding included. Radiator is isolated.

Instrument Panel Operates on 12 or 24 volt using the Murphy Powerview Module. J1939 communication with a 9 pin diagnostic connection. Shutdown protection provided through the ECM. Isolated inner panel within an outer protective lockable box. Available on right or left hand side of unit. Nema panels also available.

Clutches Over center clutches available depending on application. Provided primarily by Twin Disc.

Enclosure Fully enclosed power unit available. Enclosure housings use 12-gauge steel. All components are powder-coated, which increases chip resistance. Passes a 1,000-hour salt spray tests. Components are bolted, not welded, so they resist mounting distortion and are easier to service. Removable side doors for easy engine serviceability.

Exhaust Heavy duty industrial muffler provided.

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.

CUMMINS POWER PRODUCTS

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Internet: cpp.cummins.com

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		■
Baserail Engine Sub Base Non-Isolated	■	
Baserail Engine Sub Base Isolated		■
Baserail 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	■	