



EVERY POWER. B3.3

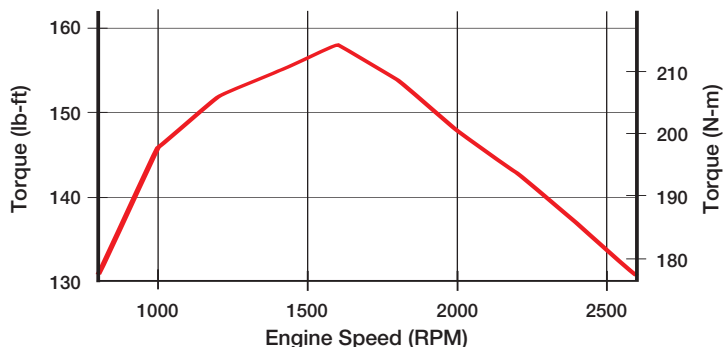
B3.3 Ratings

Engine Model	Advertised Horsepower	Peak Torque	Aspiration
B3.3	65 BHP @ 2600 RPM*	158 lb-ft @ 1600 RPM	Naturally Aspirated

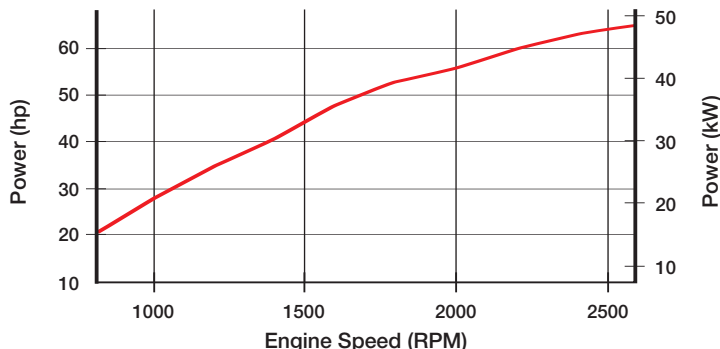
Additional ratings are available. check with your Cummins distributor. *Restricted Emission Certification: U.S. EPA Tier 2, CARB Tier 2, EU Stage II



B3.3



FR30201



Specifications

Advertised Horsepower	65 BHP	48 kW
Peak Torque	158 lb-ft	214 Nm
Number of Cylinders	4	4
Displacement	199 cu in	3.3 liters
Bore and Stroke	3.74 in. x 4.53 in.	95 mm x 115 mm
Aspiration	Naturally Aspirated	
Oil System Capacity	8 U.S. Quarts	7.5 Liters
Power Unit Weight (Dry) Open	810 lbs	367 Kg
Power Unit Weight (Dry) Enclosed	1067 lbs	484 Kg
Total Cooling System Capacity	11.18 U.S. Quarts	10.577 Liters
Power Unit Size: Open		
Length	38.06 in.	967 mm
Width	26.26 in.	667 mm
Height	54.47 in.	1384 mm
Power Unit Size: Enclosed		
Length	40.62 in.	1032 mm
Width	26.26 in.	667 mm
Height	47.61 in.	1209 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 11.81 in H₂O (300 mm H₂O) inlet air restriction with 2.99 in (76 mm) inner diameter, and with 3.00 in Hg (76.2 mm Hg) exhaust restriction with 2.99 in (76 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 1500 m (4921 ft.) altitude and 38 deg C (100 deg F).

CUMMINS POWER PRODUCTS

KEY FEATURES

B3.3

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 B Series engine suitable in many environments.

Direct Injection for increased fuel efficiency, low heat rejection and quicker starts.

PTO SAE "A" PTO mounting option with engine-mounted gear-driven designs. (Front-mounted crank PTO generates 100% torque for hydraulic applications.)

Intake Heater and other cold start aids.

One-side Service capability.

Auxiliary Pump Drive

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 w/Safety Element - Open Top Mount	■	
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		■
Twin Disc Clutch		■
Decal Option/Parts Manual	■	
Linear Throttle Control	■	
Full Enclosure	■	
Electrical Wiring 12-Volt	■	
Instrument Panel Mount - Open	■	
Instrument Panel - Switch gauges; includes Murphy shutdown, electro-mechanical oil pressure and water temp., voltmeter, and tachometer/hourmeter gauges, key switch, isolated panel within enclosed lockable box.	■	
Baseraill Engine Sub Base Non-Isolated	■	
Baseraill Engine Sub Base Isolated		■
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.		■
Restriction Indicator - Air Cleaner		■
Stone Guard - Grill Type	■	
Stone Guard - Serpentine Type		■
Coolant Level Safety Shutdown		■
Exhaust System	■	

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