



EVERY POWER. A2000

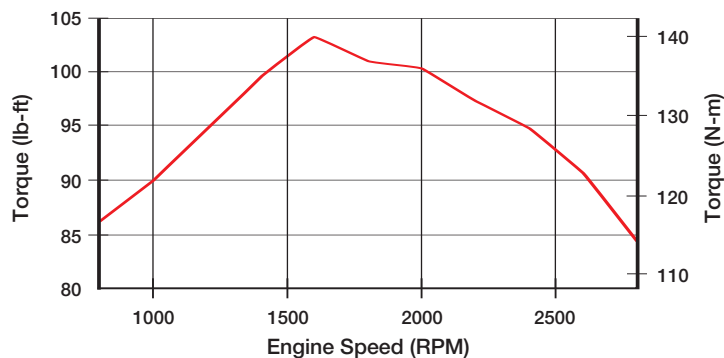
A2000 Ratings

Engine Model	Advertised Horsepower	Peak Torque	Aspiration
A2000	45 BHP @ 2800 RPM*	103 lb-ft @ 1600 RPM	Naturally Aspirated

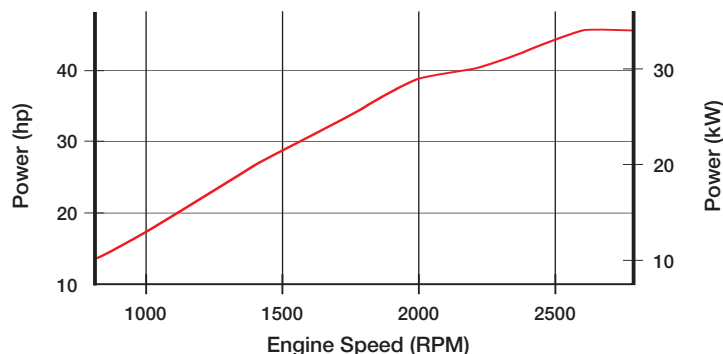
Additional ratings are available. check with your Cummins distributor. *Restricted
Emission Certification: U.S. EPA Tier 2, CARB Tier 2, EU Stage II

Need 2300 Image

A2000



FR35003



Specifications

Advertised Horsepower	45 BHP	34 kW
Peak Torque	103 lb-ft	140 Nm
Number of Cylinders	4	4
Displacement	127 cu in	2.1 liters
Bore and Stroke	3.31 in. x 3.7 in.	84 mm x 94 mm
Aspiration	Naturally Aspirated	
Oil System Capacity	7.5 U.S. Quarts	7 Liters
Power Unit Weight (Dry) Open	615 lbs	279 Kg
Power Unit Weight (Dry) Enclosed	751 lbs	340 Kg
Total Cooling System Capacity	10.5 U.S. Quarts	9.93 Liters
Power Unit Size: Open		
Length	35.51 in.	902 mm
Width	25.30 in.	643 mm
Height	38.67 in.	982 mm
Power Unit Size: Enclosed		
Length	36.34 in.	923 mm
Width	26.12 in.	663 mm
Height	53.19 in.	1351 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 1.97 in (50 mm) inner diameter, and with 1.78 in Hg (45 mm Hg) exhaust restriction with 1.65 in (42 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 1524 m (5000 ft.) altitude and 38 deg C (100 deg F).

CUMMINS POWER PRODUCTS

KEY FEATURES

A2000

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

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

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

Baseraill Mounting Made of heavy duty formed C channel with welded vertical engine supports. All metal components are powder coated. Passes a 1000 hours salt water test.

Cooling System Radiator assembly with jacket water cooling. Sucker or blower fan arrangements available. Radiator shroud, fan and belt guarding included. Radiator is isolated.

Enclosure Fully enclosed power unit available. Enclosure housings uses 12-gauge steel. All components are powder-coated, which increases chip resistance. Passes a 1,000-hour salt spray test. 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.

One-piece Aluminum Pistons for dependable performance.

Indirect Injection for lower noise, reduced emissions and enhanced cold-weather starting.

Pump Drive SAE "A" mounted hydraulic pump drive.

Gear-driven hydraulic pump drives with front- and rear-mounting capabilities.

Single-side Service with lube filter, fuel filter, dipstick and top or side oil fill options.

Intake Heater and other cold-start aids.

PTO Front- or rear-mounted gear-driven PTO.

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 - Enclosed Top Mount	■	
Decal Option/Parts Manual	■	
Linear Throttle Control	■	
Full Enclosure	■	
Electrical Wiring 12 Volt	■	
Heater Starting Aid (Grid/Glow Plug)	■	
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.	■	
Instrument Panel - Hourmeter is the only gauge in panel		■
Base Rail Engine Sub Base Isolated	■	
Base Rail Engine Sub Base - Special Isolated Side Load		■
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	■	
Exhaust System	■	

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