



Engine pictured with optional equipment

CATERPILLAR® ENGINE SPECIFICATIONS

I-4, 4-Stroke-Cycle Diesel

Bore	105 mm (4.1 in.)
Stroke	127 mm (5.0 in.)
Displacement	4.4 L (268.5 in ³)
Aspiration	Naturally Aspirated
Compression Ratio	18: 2
Combustion System	Direct Injection
Rotation (from flywheel end) . . .	Counterclockwise
Engine Weight, Net Dry (approximate) with standard equipment	456 kg (1005 lbs.)

FEATURES

Emissions

Meets Stage IIIA emissions requirements. Stage IIIA refers to European standards.

Reliable and Durable Power

Diesel tough components and conservative speed for smooth operation and long engine life. Factory-designed systems built at Caterpillar ISO 9001:2000 certified facilities.

Clean and Quiet Power

Subjective harshness has been controlled, making the engine sound even quieter.

Fuel Economy

Consistent performance and excellent fuel economy over entire operating range.

Easy Low-Cost Maintenance

Convenient positioning of service points on right-hand side for easy accessibility. Service intervals at 500 hours as standard.

Web Site

For additional information on all your power requirements, visit www.cat-industrial.com.

STANDARD ENGINE EQUIPMENT

Air Inlet

Mounted air filter and turbocharger

Cooling System

Fan (pusher or puller)
Fan drive
Radiator
Water pump

Electrical Equipment

Alternator (12 or 24 volt)
Starter motor (12 or 24 volt)

Flywheel & Flywheel Housing

Flywheel
SAE No. 3 flywheel housing

Fuel System

Fuel filter

Lube System

Oil cooler and filter
Timing case oil filler

Mountings

Engine mounting brackets

Power Take Off

SAE A or SAE B front PTO (142/280 N•m)

Starting Aids

Glow plugs

Literature

User's Handbook



Industrial Open Power Unit

C4.4

66 bkW/88.5 bhp

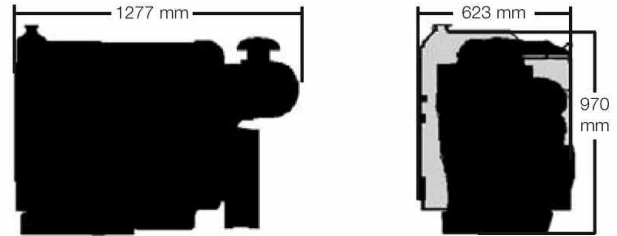
PERFORMANCE DATA

Naturally Aspirated — 2200 rpm

Speed rpm	Power bkW	Torque N•m	Power bhp	Torque lb-ft
2200	66.0	392	88.5	289.1

Net Intermittent Power = SAE J1995
 Other ratings are available.
 Lower power ratings should not be read from these curves.

DIMENSIONS



Length	1277 mm (50.3 in.)
Width	623 mm (24.5 in.)
Height	970 mm (38.2 in.)

Note: Dimensions depend on final specifications.

RATINGS AND CONDITIONS

IND-C (Intermittent) is the horsepower and speed capability of the engine where maximum power and/or speed are cyclic (time at full load not to exceed 50%).

Additional ratings are available for specific customer requirements. Consult your Caterpillar dealer.

Rating Conditions for Diesel Engines — up to 6.6 liter are based on ISO/TR14396, inlet air standard conditions with a total barometric pressure of 100 kPa (29.5 in. Hg), with a vapor pressure of 1 kPa (.295 in. Hg), and 25°C (77°F). Performance is measured using fuel to specification EPA 2D 89.330-96 with a density of 0.845-0.850 kg/L @ 15°C (59°F) and fuel inlet temperature 40°C (104°F).

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