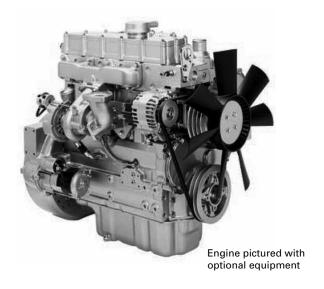
CATERPILLAR®

Power Unit

100.2 bkW/134.4 bhp

2200 rpm



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 Turbocharged Air-to	o-Air Aftercooled
Compression Ratio	16: 2
Combustion System	. Direct injection
Rotation (from flywheel end) C	Counterclockwise
Engine Weight, Net Dry (approxim	nate)
with standard equipment 5	520 kg (1146 lbs.)

FEATURES

Emissions

Meets Tier 3, Stage IIIA emissions requirements. Tier 3 refers to EPA (U.S.) standards. 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 righthand 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

LEHH8194-00 Page 1 of 2

CATERPILLAR®

Industrial Open Power Unit

C4.4 ACERT™ 100.2 bkW/134.4 bhp

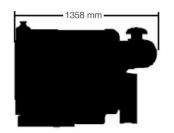
PERFORMANCE DATA

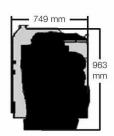
Turbocharged Air-to-Air Aftercooled — 2200 rpm

Speed rpm	Power	Torque	Power	Torque
	bkW	N•m	bhp	lb-ft
2200	100.2	556	134.4	410.1

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

DIMENSIONS





Length	1358 mm (53.5 in.)
Width	749 mm (29.5 in.)
Height	963 mm (37.9 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).