

4 270 perkins engine specifications

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4.270 Perkins Engine Specifications: A Comprehensive Overview

Q1: What are the key performance characteristics of the 4.270 Perkins engine?

A1: The 4.270 Perkins engine is a turbocharged, 4-cylinder, 4.1-liter diesel engine with a rated power output of 120 kW (161 hp) at 2,200 rpm. It produces a maximum torque of 590 Nm (435 lb-ft) at 1,400 rpm. The engine features a high-pressure common rail fuel system, providing enhanced fuel efficiency and reduced emissions.

Q2: What are the engine's dimensions and weight?

A2: The 4.270 Perkins engine has a compact design with dimensions of 620 mm (24.4 inches) in length, 463 mm (18.2 inches) in width, and 763 mm (30.0 inches) in height. The dry weight of the engine is approximately 245 kg (540 lbs).

Q3: What are the fuel consumption and emission ratings of the engine?

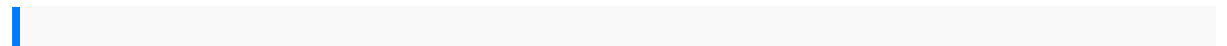
A3: The 4.270 Perkins engine is known for its fuel efficiency, achieving a specific fuel consumption of 204 g/kWh. It meets the stringent Tier III emission regulations, ensuring compliance with environmental standards.

Q4: What applications is the 4.270 Perkins engine suitable for?

A4: The 4.270 Perkins engine is versatile and widely used in various applications, including agricultural machinery, construction equipment, industrial generators, and marine propulsion. Its compact size and high power density make it ideal for applications where space is limited.

Q5: What is the recommended maintenance interval for the 4.270 Perkins engine?

A5: The recommended maintenance interval for the 4.270 Perkins engine is 500 hours or 6 months, whichever occurs first. This interval includes regular oil changes, filter replacements, and other necessary inspections to ensure optimal performance and longevity.



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