

Single-Cylinder Diesel Engine for Power Generation

This is a robust diesel engine designed for power generation and various industrial applications. It features a durable construction and efficient combustion system, ensuring reliable performance and long service life.



ADDITIONAL IMAGES



Overview

Robust Single-Cylinder Diesel Engine

This horizontal, four-stroke single-cylinder diesel engine is engineered for high performance in power generation and industrial applications. It utilizes a reliable swirl combustion system and features a durable cast iron construction suitable for demanding environments like water pumps and generators. With efficient cooling and optimized fuel consumption, this unit provides a dependable power source designed for consistent long-term operation.

Technical Specifications

Performance Metrics

5.67 kW 1-Hour Rated Output	5.15 kW 12-Hour Rated Output	2600 r/min Operating Speed
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Engine Mechanics

Parameter	Value
Bore x Stroke	80 x 80 mm
Compression Ratio	21:1
Combustion System	Swirl
Cooling System	Radiator
Lubrication	Pressure & Splash

Operational Data

Efficiency and Dimensions

- Specific fuel consumption: d287 g/kW·h
- Specific lube oil consumption: d4.08 g/kW·h
- Net weight: 72 kg
- Dimensions: 625 x 341 x 464 mm

Starting Method

Hand Crank, Electric Start