

Single-Cylinder Four-Stroke Diesel Engine

This single-cylinder, four-stroke diesel engine is known for its reliability and efficiency. Its robust design is suitable for agricultural machinery, power generators, and small construction equipment.



Overview

Reliable Single-Cylinder Diesel Power

The R175A is a high-performance, horizontal, four-stroke diesel engine engineered for consistent reliability and fuel efficiency. Featuring a pre-combustion system and water cooling, this compact engine is built to withstand rigorous use in agricultural and construction machinery. Its design emphasizes ease of maintenance and long service life, making it a versatile power solution for professional applications.

Technical Specifications

Key Performance Indicators

4.85 kW

Max Power Calibration

2600 r/min

Rated Speed

0.353 L

Total Displacement

Cylinder & Stroke Details

Parameter	Value
Cylinder Diameter (mm)	75
Piston Stroke (mm)	80

Operational Details

Efficiency Metrics

- Specific fuel consumption: d302.0 g/kw.h
- Specific lube oil consumption: d4.10 g/kw.h

Physical Attributes

Dimensions & Weight	589 x 341 x 463 mm, 60 kg
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Configuration

Engine Systems	Water-cooled, Horizontal, Pre-combustion, Hand Starter
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