

Water-Cooled Horizontal Diesel Engine

Horizontal type water-cooled diesel engine featuring a 4-stroke, 1-cylinder configuration. It has a compression ratio of 22 and a rated speed of 2600.



Product Overview

Reliable R180A Diesel Engine

The R180A is a robust, water-cooled horizontal diesel engine designed to provide consistent power for agricultural machinery and equipment. Featuring a single-cylinder, 4-stroke design with a prechamber combustion system, this engine is engineered for durability in demanding operational environments. It offers efficient performance with a 12-hour rated power output of 5.15 kW, making it a dependable choice for various industrial and farming applications.

Core Specifications

Model	R180A
Engine Type	Horizontal 4-stroke
Combustion Chamber	Prechamber

Performance Metrics

Key Performance Indicators

5.66 kW 1-Hour Rated Power	5.15 kW 12-Hour Rated Power	2600 r/min Rated Speed
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Technical Details

Engine Dimensions & Displacement

Parameter	Value
Bore x Stroke	80x80 mm
Total Displacement	0.402 L
Compression Ratio	22:1

Operational Features

Cooling System

Water Cooled

Starting Methods: Handle Start, Electrical Start

Specific Fuel Consumption: 278.8 g/kw-h