

# Horizontal Water-Cooled Diesel Engine ZR170

This is a horizontal type, water-cooled diesel engine with a four-stroke, single-cylinder design. It features a 22:1 compression ratio and a rated speed of 2600 rpm.



## Product Overview

### ZR170 Diesel Engine

The ZR170 is a reliable, horizontal 4-stroke diesel engine designed for consistent performance in demanding agricultural applications. Featuring a water-cooled system and a swirl combustion chamber, this single-cylinder engine offers stable operation and efficient power delivery. Its compact horizontal configuration ensures straightforward installation across various machinery types.

## Performance Metrics

### 1-Hour Rated Power

**2.99 kW**

1-Hour Rated Power

### 12-Hour Rated Power

**2.72 kW**

12-Hour Rated Power

Rated Speed	2600 r/min
Specific Fuel Consumption	299.2 g/kw-h

## Technical Specifications

Engine Type	Horizontal 4-stroke
Number of Cylinders	1
Bore x Stroke	70x60 mm
Total Displacement	0.231 L
Compression Ratio	22

## Operational Features

**Cooling Method**  
Water cooled

### Starting Method

- Handle
- Electrical

Combustion Chamber Type	Swirl
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