

# Single-Cylinder Horizontal Diesel Engine

This is a horizontal type, water-cooled diesel engine with a four-stroke design. The single-cylinder engine has a compression ratio of 21 and a rated speed of 2600 r/min.



## Overview

### Reliable Single-Cylinder Diesel Power

The R170A is a robust horizontal-type water-cooled diesel engine designed for demanding agricultural and industrial applications. This 4-stroke engine features a compact design and a swirl combustion chamber for efficient performance. It is an ideal power source for irrigation pumps, generators, and small-scale machinery where durability and ease of maintenance are paramount.

## Performance Metrics

### Performance Highlights

**3.64 kW**

1-Hour Rated Power

**2600 r/min**

Rated Speed

**0.269 L**

Displacement

## Engine Specifications

Model	R170A
Engine Type	Horizontal 4-stroke, water-cooled
Combustion Chamber	Swirl
Number of Cylinders	1
Bore x Stroke	70 x 70 mm
Compression Ratio	21

## Technical Data

### Power Ratings

Rating Type	Output (kW)
1-Hour Rated Power	3.64
12-Hour Rated Power	3.31

Specific Fuel Consumption	289.7 g/kw-h
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## Applications

Recommended Applications	Irrigation Pumps, Generators, Small Machinery, Agricultural Equipment, Industrial Power
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