

# Single-Cylinder Diesel Engine R180

The R180 is a single-cylinder diesel engine designed for applications such as agricultural machinery, small generators, and water pumps. It features direct fuel injection for efficient combustion and a simple start system for easy operation.



## Overview

### Compact Single-Cylinder Diesel Engine

The R180 is a highly efficient single-cylinder, horizontal, water-cooled four-stroke diesel engine. Designed for versatility and reliability, it offers stable operation with minimal vibration and low maintenance requirements. This model is an ideal power solution for micro-tillers, irrigation systems, air compressors, and various agricultural processing machines.

## Technical Specifications

Engine Configuration	Single-cylinder, horizontal, water-cooled, four-stroke
Combustion Chamber Type	Direct injection or swirl chamber
Cylinder Bore	80 mm

## Performance Metrics

### Rated Output

**5.67 kW**  
Rated Power

**2600 r/min**  
Rated Speed

## Physical Dimensions

### Size and Weight

Dimension	Value
Length	625 mm
Width	341 mm
Height	463 mm
Net Weight	75 kg

## Features

Key Advantages	Lightweight structure, Easy mobility, Simple installation, Low vibration, Stable operation, Easy maintenance
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