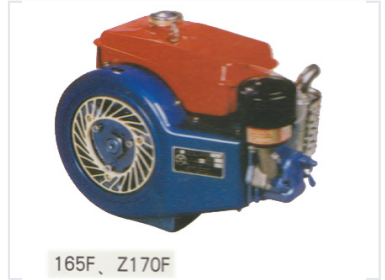


# Air-Cooled Horizontal Diesel Engine, 1.62kW

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



## ADDITIONAL IMAGES



## Overview

### High-Efficiency 1.62kW Air-Cooled Diesel Engine

This horizontal 4-stroke diesel engine is engineered for reliability in demanding B2B applications such as agricultural machinery, power generation, and water pumping. Featuring a compact single-cylinder design and a swirl-type combustion chamber, it offers efficient fuel performance and a robust service life. Its air-cooled system ensures stable operation without the complexity of liquid cooling, making it an ideal choice for portable and stationary equipment.

## Performance Metrics

### Performance Highlights

**1.62 kW**

1-Hour Rated Power

**2600 r/min**

Rated Speed

**22**

Compression Ratio

## Technical Specifications

Model	165FM
Engine Type	Horizontal 4-Stroke
Number of Cylinders	1
Combustion Chamber Type	Swirl
Bore x Stroke	60 x 60 mm
Total Displacement	0.169 L

## Power & Efficiency

12-Hour Rated Power	1.47 kW
Specific Fuel Consumption	312 g/kw-h

## Features & Applications

<b>Cooling System</b> Air-Cooled	
<b>Common Applications</b> <ul style="list-style-type: none"><li>• Agricultural Machinery</li><li>• Power Generators</li><li>• Water Pumps</li></ul>	
<b>Key Components</b>	Fuel Tank, Air Intake, Exhaust Muffler, Integrated Headlight, Direct Injection