

# Air-Cooled Horizontal Diesel Engine

This is a horizontal type, air-cooled diesel engine with a four-stroke, single-cylinder design. It has a compression ratio of 22 and a rated speed of 2600 r/min.



## Product Overview

### Robust Air-Cooled Diesel Power

The Z160F is a professional-grade, horizontal-type, 4-stroke air-cooled diesel engine designed for high efficiency and reliability. Featuring a swirl-type combustion chamber and a 1-cylinder architecture, it is engineered for consistent performance in demanding industrial and agricultural environments. Its compact construction makes it an ideal power solution for machinery requiring a stable, cost-effective, and low-maintenance engine.

## Technical Specifications

Model	Z160F
Engine Configuration	Horizontal Type, 4 Stroke, 1 Cylinder, Air Cooled
Combustion Chamber	Swirl
Bore x Stroke	60x60 mm
Total Displacement	0.169 L
Compression Ratio	22

## Performance Metrics

### Performance Output

<b>1.62 kW</b> 1-Hour Rated Power	<b>1.47 kW</b> 12-Hour Rated Power	<b>2600 r/min</b> Rated Speed
--------------------------------------	---------------------------------------	----------------------------------

## Efficiency

Fuel Efficiency	312 g/kw-h
-----------------	------------