

# Horizontal Air-Cooled Diesel Engine, 2.18 kW

This is a horizontal type air-cooled diesel engine. The four-stroke, single-cylinder engine has a compression ratio of 22 and a rated speed of 2600 rpm.



## Overview

### Robust Horizontal Diesel Power

The Z165F is a highly reliable horizontal, air-cooled diesel engine designed for versatility in agricultural and industrial machinery. Featuring a 4-stroke, single-cylinder architecture with a swirl combustion chamber, it delivers consistent power for demanding environments. Its compact horizontal layout ensures easy integration, while the efficient air-cooling system promotes longevity and simplified maintenance.

## Performance Metrics

### Rated Performance

**2.18 kW**

1-Hour Rated Power

**1.98 kW**

12-Hour Rated Power

**2600 r/min**

Rated Speed

## Technical Specifications

### General Specifications

Property	Value
Model	Z165F
Type	Horizontal, 4-stroke
Combustion Chamber	Swirl
Number of Cylinders	1
Bore x Stroke	65 x 60 mm
Total Displacement	0.199 L
Compression Ratio	22:1
Specific Fuel Consumption	296 g/kW-h

## Features

### Cooling System

Air-Cooled