

Air-Cooled Horizontal Diesel Engine

This is a horizontal type, air-cooled diesel engine with a single cylinder and four strokes. It has a compression ratio of 21 and a rated speed of 2600 r/min.



Overview

High-Efficiency Horizontal Diesel Engine

This Z170FD is a robust horizontal-type, air-cooled diesel engine designed for versatile industrial and agricultural applications. Featuring a 4-stroke, single-cylinder design with a swirl combustion chamber, it delivers reliable performance with efficient heat dissipation. Its compact horizontal configuration makes it an ideal power source for generators and machinery where space and durability are paramount.

Performance Metrics

Power Ratings

3.26 kW

1-Hour Rated Power

2.94 kW

12-Hour Rated Power

2600 r/min

Rated Speed

Engine Specifications

Model

Z170FD

Engine Type

Horizontal 4-stroke, Single-cylinder

Combustion Chamber Type

Swirl

Technical Dimensions

Bore x Stroke

70 x 70 mm

Total Displacement

0.269 L

Compression Ratio

21

Efficiency

Specific Fuel Consumption

289.7 g/kw-h

Features

Cooling System

Air-Cooled, Horizontal Configuration, 4-Stroke