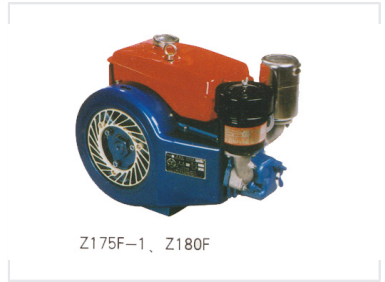


Air-Cooled Single-Cylinder Diesel Engine

This is a horizontal type, air-cooled diesel engine with a single cylinder and four-stroke design. It has a compression ratio of 21 and a rated speed of 2600rpm.



Overview

Reliable Air-Cooled Diesel Power

The Z180F is a horizontal, single-cylinder 4-stroke diesel engine designed for high-demand industrial and agricultural applications. Featuring a robust air-cooled system and a swirl-type combustion chamber, it delivers consistent performance for machinery such as tillers, water pumps, and small generators. This model is engineered for fuel efficiency and ease of maintenance, making it a dependable choice for professional operators.

Performance Metrics

Power Ratings

4.85 kW

1-Hour Rated Power

4.41 kW

12-Hour Rated Power

2600 r/min

Rated Speed

Technical Specifications

Cooling System

Air-Cooled

Model

Z180F

Engine Type

Horizontal 4-stroke, Single-cylinder

Combustion Chamber

Swirl Type

Engine Dimensions

Bore x Stroke

80 x 75 mm

Total Displacement

0.377 L

Compression Ratio

21

Efficiency

Specific Fuel Consumption

280.2 g/kw-h

Applications

Common Applications

- Agricultural Tillers
- Water Pumps
- Small Power Generators