

15.7kW Single-Cylinder Diesel Engine

This is a horizontal, single-cylinder, four-stroke diesel engine. It has a total displacement of 1.14L, a compression ratio of 17, and a rated output of 15.7kW at 2200 r/min.



Product Overview

Robust Power Solution

The SF22 is a professional-grade horizontal, four-stroke single-cylinder diesel engine engineered for consistent and reliable performance. With a rated output of 15.7kW and a compact footprint, this engine is optimized for space-constrained industrial and agricultural applications. Its straightforward design ensures high longevity and simplified maintenance requirements for demanding work environments.

Performance Metrics

Key Performance Metrics

15.7 kW

Rated Output

2200 r/min

Rated Speed

1.14 L

Displacement

Technical Specifications

Engine Geometry

Parameter	Value
Bore x Stroke	110 x 120 mm
Compression Ratio	17
Average Effective Pressure	683 kPa
Injection Pressure	20 +/- 0.49 MPa

Consumption Efficiency

- Specific Fuel Consumption: ≤ 238 g/kW.h
- Oil Consumption: ≤ 2.04 g/kW.h

Physical Attributes

Size and Weight

- Overall Dimensions: 860 x 450 x 680 mm
- Net Weight: 180 kg

Features

Engine Configuration

Horizontal, Single-Cylinder, Four-Stroke, Evaporation Cooling