

R170A Diesel Engine 3.0 KW

The R170A diesel engine is engineered for power generation and demanding industrial use. Its compact design ensures efficient performance and long-lasting operation.



Overview

Robust Single-Cylinder Diesel Engine

The R170A is a reliable single-cylinder, four-stroke diesel engine engineered for consistent industrial performance. It utilizes a swirl combustion chamber system to ensure efficient operation in demanding environments. This unit features a compact, durable construction suitable for a variety of small-scale power generation and mechanical applications.

Performance

Key Performance Metrics

3.64 kW

1-Hour Rated Output

3.31 kW

12-Hour Rated Output

2600 r/min

Rated Speed

Technical Specifications

Engine Build

Parameter	Specification
Type	Single-cylinder, Four-stroke
Combustion System	Swirl combustion
Bore x Stroke	70 x 70 mm
Compression Ratio	22:1
Cooling System	Hopper Water-cooled
Lubrication	Splashing
Starting Method	Hand crank

Efficiency and Dimensions

Operational Efficiency

- Specific fuel consumption: d294.2 g/kw h
- Specific lube oil consumption: d4.76 g/kw h

Physical Dimensions	570 x 354 x 416 mm
Net Weight	50 kg