

Horizontal Water-Cooled Diesel Engine

This horizontal water-cooled diesel engine is engineered for industrial and agricultural applications. The robust engine delivers reliable power and efficient cooling to ensure optimal performance and longevity.



Overview

Reliable Horizontal Diesel Power

The RZ176 is a robust, single-cylinder, water-cooled diesel engine engineered for consistent performance in demanding industrial and agricultural environments. Featuring a direct injection combustion system and a durable hopper cooling design, it provides a dependable power source for machinery such as pumps and generators. Its compact horizontal configuration and efficient fuel consumption make it an ideal choice for operations requiring reliable, long-term power output.

Technical Specifications

Engine Type	Single-cylinder, Water-cooled, Horizontal, Four-stroke
Bore x Stroke	76 x 65 mm
Compression Ratio	18

Performance Metrics

Rated Power Output

4.2 kW

1-Hour Rated

3.82 kW

12-Hour Rated

Specific Fuel Consumption	260 g/kw h
Specific Lube Oil Consumption	2.72 g/kw h

Operational Details

Cooling System	Hopper Water-cooled
Lubrication System	Combined pressure and splashing
Starting Method	Hand crank
Power Output Method	Output of flywheel end

Physical Dimensions

Net Weight	35 kg
Overall Dimensions	498 x 294 x 360 mm