

42kW Diesel Engine R4105P

The R4105P diesel engine delivers 42kW of power at 1500rpm and 48kW at 2000rpm. This four-stroke, water-cooled engine is designed for high-speed operation with direct fuel injection.



ADDITIONAL IMAGES



Product Overview

Ricardo Series R4105P Diesel Engine

The R4105P is a high-performance, four-stroke, water-cooled diesel engine featuring a 105mm bore and 125mm stroke. Designed for reliability and economy, this unit delivers a prime output of 42kW at 1500rpm and up to 60kW at higher speeds. With an overhaul interval of 8000 hours and easy cold starting capabilities, it is a versatile solution for power generation, marine, and industrial machinery applications.

Technical Specifications

QUALITY CONTROL



Precision inspection and quality control ensure durable performance.

Bore	105 mm
Stroke	125 mm
Displacement per Cylinder	4.33 L
Cylinder Layout	In-Line 4

Performance Metrics

Prime Power Output

42 kW

Output at 1500rpm

48 kW

Output at 2000rpm

50 kW

Output

60 kW

Peak Output

Operational Details



GENUINE PARTS



Engineered for durability with accessible genuine maintenance parts.

Key Characteristics

Low fuel consumption, High torque, Easy ignition, Low emission, Small footprint, Water-cooled, Direct injection

Applications



PROJECT



Versatile power solution for telecom, infrastructure, and commercial projects.

Suitable Industries

- Power Generation
- Marine Propulsion
- Agricultural Machinery
- Construction Machinery
- Stationary Power Units

Compliance

Certifications

ISO 9001 • CE • CCS Certified