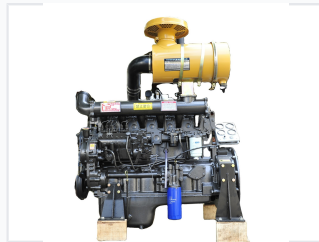


1500rpm Diesel Engine for Generator Drive

This diesel engine features a compact design for easier installation and transportation. It is designed for generator drive applications.



ADDITIONAL IMAGES



Overview

High-Performance Generator Drive Solutions

This series of 1500rpm diesel engines is specifically engineered for reliable generator drive applications, featuring a compact design for easy installation and transport. The engines incorporate advanced piston and valve sealing techniques to significantly reduce fuel consumption while extending the operational lifespan of injectors and high-pressure pumps via integrated water filtration. With an overhaul interval exceeding 10,000 hours and high-frequency hardened components, these engines offer exceptional fatigue strength and wear resistance for demanding industrial environments.

Key Performance Metrics

Performance Highlights

1500 RPM
Rated Speed

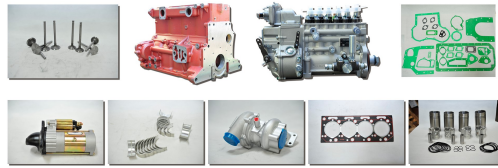
10000 Hours
Overhaul Interval

301 kW
Max Output

Technical Specifications



GENUINE PARTS



The R6105ZD model provides robust 1500rpm performance for industrial generator sets.

Engine Model Comparison

Model	Cylinders	Displacement (L)	Bore x Stroke (mm)	Output @1500rpm (kW)	Weight (kg)
K4100D	L4	3.61	100x115	30.1	330
K4100ZD	L4	3.61	100x115	41.2	340
K4102ZD	L4	3.76	102x115	45	360
R4105ZD	L4	4.33	105x125	56	435
R6105ZD	L6	6.49	105x125	84	580
R6105AZLD	L6	6.75	105x130	110	620
R6105IZLD	L6	7.1	105x135	135	620
HD6126ZLD	L6	9.726	126x130	235	950
HD12ZLD	L6	11.596	126x155	288	1100

Design Features



QUALITY CONTROL



Precision manufacturing ensures high-efficiency combustion and durability.

Advanced Engineering Features

- Compact design for convenient installation and transportation
- Advanced water filtration system to protect injectors and high-pressure pumps
- Specialized piston ring and valve sealing to minimize consumption rates
- High-frequency hardened shaft diameters and rounded corners for wear resistance
- Forged high-pressure components for improved fatigue strength

Compliance & Quality

Standards & Certifications

ISO 9001:2015, GB/T19001-2016, CE Certified, Machinery Directive 2006/42/EC, ISO 12100:2010

Applications



PROJECT



Proven performance across telecom, medical, and industrial sectors.

Target Applications

Telecom Power • Hospital Standby • Residential Buildings • Bank Backup Power • Construction Machinery • Stone Crushers • Cement Tankers

Logistics



PACKING



Engines are crated with moisture protection for secure international delivery.

Export-Grade Packaging

Engines are prepared for international transit using moisture-control silica gel desiccants and protective plastic wrapping. Units are secured in heavy-duty wooden crates labeled with model specifications and quantities, ensuring safety during containerized shipping.