

4-Cylinder Diesel Engine for Generator Sets

This 4-cylinder diesel engine assembly features a compact design for easy installation and transportation. It is engineered to deliver reliable power for generator sets.



ADDITIONAL IMAGES



Overview



TOP ENGINE MANUFACTURER
SINCE 1987



High-performance diesel engine assembly designed for optimal power output and reliability.

High-Performance Diesel Engine for Power Generation

This 4-cylinder diesel engine series is specifically engineered for generator sets, featuring a compact design that simplifies installation and transportation. It incorporates advanced piston ring and valve sealing techniques to significantly reduce fuel consumption while maintaining world-leading power indicators. With an overhaul interval exceeding 10,000 hours and integrated water filters for fuel protection, this engine ensures long-term reliability for demanding B2B power applications.

Key Performance Metrics

Performance Highlights

10000 Hours

Overhaul Interval

4

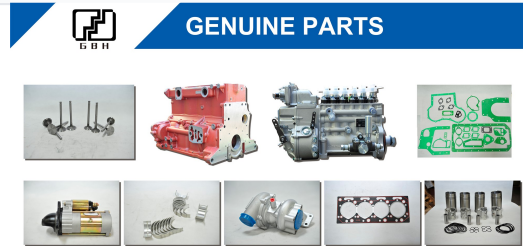
Cylinder Count

Technical Specifications

Engine Model Comparison

Model	Aspiration	Displacement (L)	Bore x Stroke (mm)	kW @ 1500rpm	Weight (kg)
K4100D	NA	3.61	100x115	30.1	330
K4100ZD	TC	3.61	100x115	41.2	340
K4102ZD	TC	3.76	102x115	45	360
R4105ZD	TC	4.33	105x125	56	435

Design Features



Comprehensive assortment of genuine engine components including turbochargers, fuel pumps, and piston sets.

Durability & Protection

- High-pressure forged components for fatigue strength
- High-frequency hardening on shaft diameters and rounded edges
- Integrated water filters to protect injectors and high-pressure pumps
- Specialized piston ring and valve sealing for reduced consumption
- Compact design for convenient installation

Applications



Versatile power solutions for residential, commercial, and industrial projects.

Target Applications

Generator Sets, Telecom Power, Residential Buildings, Hospitals, Banks, Industrial Loaders, Cement Tankers, Stone Crushers

Compliance & Standards

Quality Standards

ISO 9001:2015 • CE Certified • Machinery Directive 2006/42/EC • ISO 12100:2010 • EN 1679-1:1998+A1:2011



PACKING



Professional export packaging featuring moisture protection and reinforced wooden crates.

Secure Export Packaging

Engines are prepared for international transit using moisture-control silica gel packets, protective plastic wrapping, and secure wooden crates. Units are efficiently packed into shipping containers with clear identification markings to ensure safe delivery.