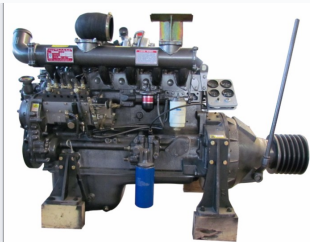


# 145kW Diesel Engine with Double Plate Clutch

This is a 145kW diesel engine with a double plate clutch. It provides reliable power for a variety of industrial applications.



## ADDITIONAL IMAGES



## Overview



**TOP ENGINE MANUFACTURER**  
**SINCE 1987**



Robust 145kW engine designed for heavy-duty industrial and commercial use.

## High-Performance Industrial Diesel Engine

This series features a four-stroke, water-cooled, in-line direct injection combustion system designed for high-speed industrial applications. Engineered for reliability, these engines can start easily without preheating in temperatures as low as -10°C and boast a first overhaul period of 8,000 hours. The robust design includes a double plate clutch, making it an ideal power source for heavy-duty construction machinery, generators, and marine equipment.

## Performance Metrics

### Rated Power Performance

**145 kW**

Max Rated Power

**1500 rpm**

Standard Speed

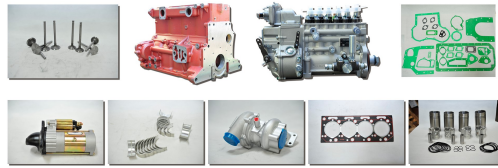
**2800 rpm**

Max Speed Range

## Technical Specifications



### GENUINE PARTS



A full range of genuine parts including turbochargers, fuel pumps, and piston kits are available for maintenance.

### Engine Configuration

- Four-stroke cycle
- Water-cooled cooling system
- In-line cylinder arrangement
- Direct injection combustion
- Turbo-charged and Inter-cooled options

<b>Bore Diameter</b>	105 mm
<b>Stroke</b>	125 mm
<b>Displacement per Cylinder</b>	4.33 L
<b>Clutch System</b>	Double Plate Clutch

## Applications



### PROJECT



Versatile applications ranging from telecom power and stone crushers to loaders and hospital backup systems.

<b>Target Industries</b>	Power Generation, Marine Propulsion, Agricultural Machinery, Construction Equipment, Stationary Power, Stone Crushers, Loaders
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## Quality & Standards



### QUALITY CONTROL



Rigorous quality control processes ensure high reliability for industrial power generation.

#### Compliance & Quality

ISO 9001:2015 • CE Certified • GB/T19001-2016 • CCS Type Approval

First Overhaul Period

8000 hours

## Model Comparison

#### R-Series Model Specifications

Model	Cylinders	kW @ 1500rpm	Dimensions (mm)
ZH495G	L4	26.5	1360*640*920
ZH4100G	L4	30.1	1360*640*1000
R4105P	L4	42	1400*800*1200