

V12 Diesel Engine

This diesel engine features a V12 configuration for high power output and smooth operation. It is equipped with advanced fuel injection and combustion technology for optimal efficiency and reduced emissions.



Product Overview

High-Performance 12V135 Series Diesel Engine

The 12V135BZLD is a robust, V-configuration diesel engine specifically engineered for high-demand diesel generating sets. Featuring a 4-stroke, water-cooled design with a turbocharger and intercooler, it delivers reliable and consistent power output for industrial applications. Its advanced electronic governor and precision direct injection system ensure optimal fuel efficiency and stable performance under varying load conditions.

Key Features

V-Shape, Direct Injection, 4-Stroke, Water Cooled, Turbocharged, Intercooled

Performance Metrics

Power & Speed

450 kW

Rated Power

1500 rpm

Rated Speed (Low)

1800 rpm

Rated Speed (High)

Displacement & Compression

Metric	Value
Total Displacement	26.6 L
Compression Ratio	16.4:1
Bore/Stroke	135/155 mm

Efficiency & Operation

Consumption Rates

- Specific Fuel Consumption: 200 g/kw.h
- Lubricating Oil Consumption: 0.7 g/kw.h

Governor Type

Electronic Governor

Idle Speed

750 rpm

Noise Level

117 dB

Physical Specifications

Dimensions

1755 x 1150 x 1370 mm

Net Weight

1950 kg