

12V135AZLD Diesel Engine for Generator Sets

The 12V135AZLD diesel engine is designed for generator set applications. It features a V12 configuration, providing high power output and reliable performance.



Overview

High-Performance 12V135AZLD Diesel Engine

The 12V135AZLD is a robust, V-configuration diesel engine specifically engineered for high-demand generator set applications. Featuring a turbocharged system with an intercooler, this 4-stroke, water-cooled unit delivers reliable power and consistent performance in industrial environments. Its heavy-duty construction and accessible maintenance points make it an ideal choice for professional power generation needs.

Performance Metrics

Rated Power

375 kW
1h Power

Rated Speed	1500/1800 rpm
Idle Speed	750 rpm

Technical Specifications

Displacement & Bore

Parameter	Value
Total Displacement	25.8 L
Bore/Stroke	135/150 mm
Compression Ratio	16:1

Engine Configuration	V-Type, 4-Stroke, Water Cooled, Direct Injection
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Operational Efficiency

Governor Type

- Mechanical Governor
- Electronic Governor (Optional)

Specific Fuel Consumption	220 g/kw.h
Lubricating Oil Consumption	1 g/kw.h

Physical Dimensions

Net Weight	1900 kg
Dimensions (L*W*H)	1755*1150*1370 mm

Environmental & Emissions

Noise Level	117 dB
Filter Smoke Number (FSN)	2.5