

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 |
|----------------------|--|

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 |