

# Single-Cylinder Diesel Engine

This single-cylinder diesel engine is designed for power generation and industrial use. It features direct fuel injection for optimized combustion and fuel economy, which lowers emissions and reduces running costs.



## Overview

### ZD195FAE Single-Cylinder Engine

The ZD195FAE is a robust and efficient vertical, air-cooled, four-stroke diesel engine. Engineered for reliability in demanding environments, it features durable construction suitable for generators, water pumps, and various agricultural machinery. This unit offers optimized performance with a focus on fuel economy and ease of maintenance for professional industrial applications.

## Performance Metrics

### Key Performance Metrics

<b>8 kW</b> Rated Output	<b>3000 r/min</b> Rated Rotation Speed	<b>19 :1</b> Compression Ratio
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## Technical Specifications

### Engine Geometry

Parameter	Value
Bore x Stroke	95 x 75 mm
Displacement	531 ml
Net Weight	d48kg
Dimensions (LxWxH)	420 x 470 x 495 mm

### Fuel & Lubrication

- Fuel Consumption: d270g/kw.h
- Lubrication Mode: Pressure Splashed
- Oil Capacity: 1.65 L
- Lubricant Grade: SAE10W30 (or CD)

## Operational Features

Starting Options	Recoil Start, Electric Start
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