

# 4-Cylinder Water-Cooled Diesel Engine

This 4-cylinder diesel engine features a four-stroke design and wet cylinder liner type. It is water-cooled and suitable for generator sets.

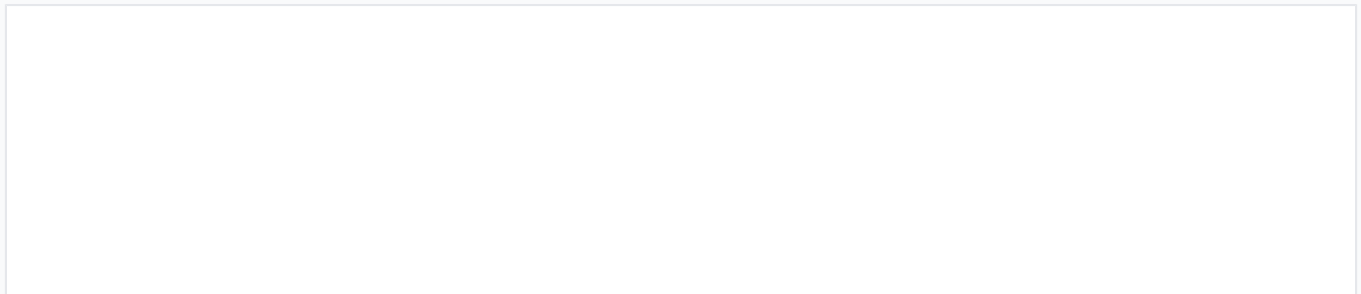


## Overview

### Reliable 4-Cylinder Diesel Power

This 4-cylinder water-cooled diesel engine is engineered specifically for high-performance generator sets. Featuring a vertical in-line configuration and a four-stroke design, it provides a stable and efficient power source for industrial and standby applications. With its robust wet cylinder liner construction and natural intake system, it ensures long-term durability and simplified maintenance for professional operators.

## Performance Metrics



Performance characteristics showing the relationship between power, speed, and fuel consumption.

### Rated Performance

**50 kW**

Rated Output

**1500 r/min**

Rated Speed

**55 kW**

Standby Power

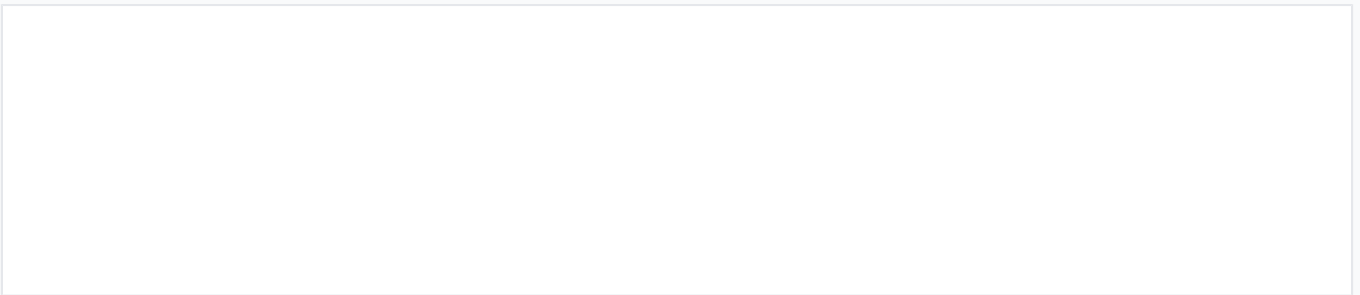
## Engine Configuration



Robust 4-cylinder design optimized for industrial generator set integration.

<b>Model</b>	4JR3ABD
<b>Architecture</b>	Vertical, In-line, Four-Stroke, Natural Intake, Water-Cooled
<b>Cylinders &amp; Bore</b>	4-108 x 135 mm
<b>Displacement</b>	4.94 L
<b>Cylinder Liner Type</b>	Wet

## Technical Specifications



Equipped with high-quality fuel injection and filtration systems for reliable operation.

<b>Combustion Chamber</b> Direct Injection	
<b>Fuel Consumption Ratio</b>	220 g/kw.h
<b>Smooth Speed Ratio</b>	d 5%

## Mechanical Interface

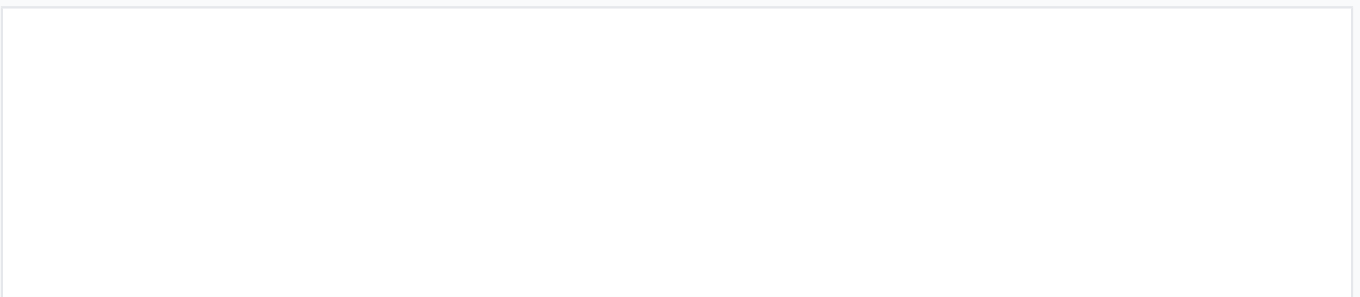


Detailed dimensional drawing showing mounting points and overall engine footprint.

## Flywheel & Housing

Component	Specification
Flywheel Housing	SAE 3#
Flywheel Type	SAE 11.5"
Ring Gear Teeth	130

## Cooling System

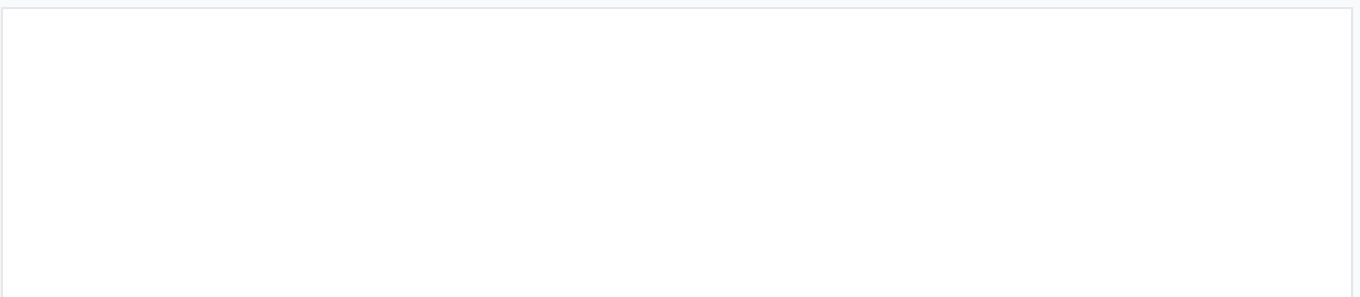


Complete engine assembly featuring integrated radiator and cooling fan for efficient thermal management.

Fan Diameter

510 mm

## Logistics



Engines are securely packed in reinforced wooden crates for international transit.

## Shipping Format

- Secure wooden crate packaging
- Containerized shipping compatible
- Industrial protective coating