

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.

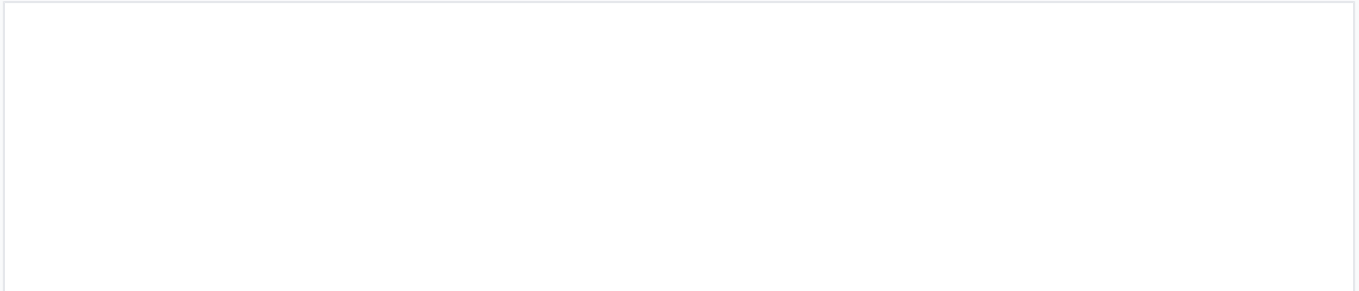


Overview

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

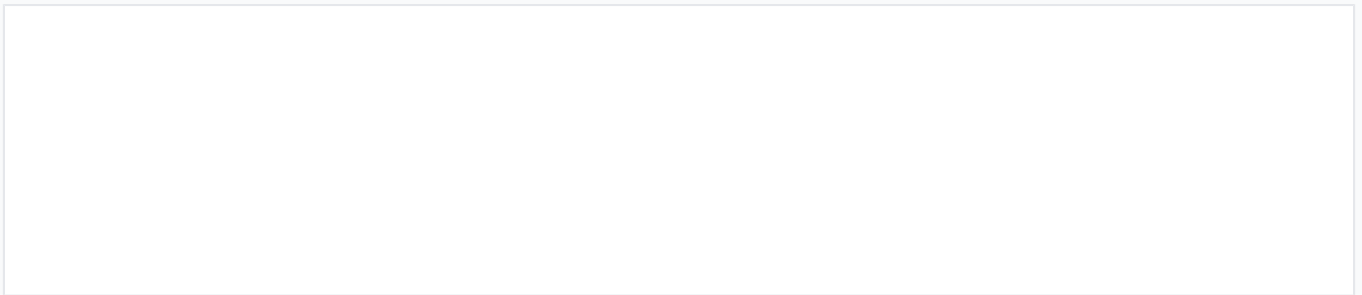
Engine Configuration



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

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

Technical Specifications



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

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

Mechanical Interface

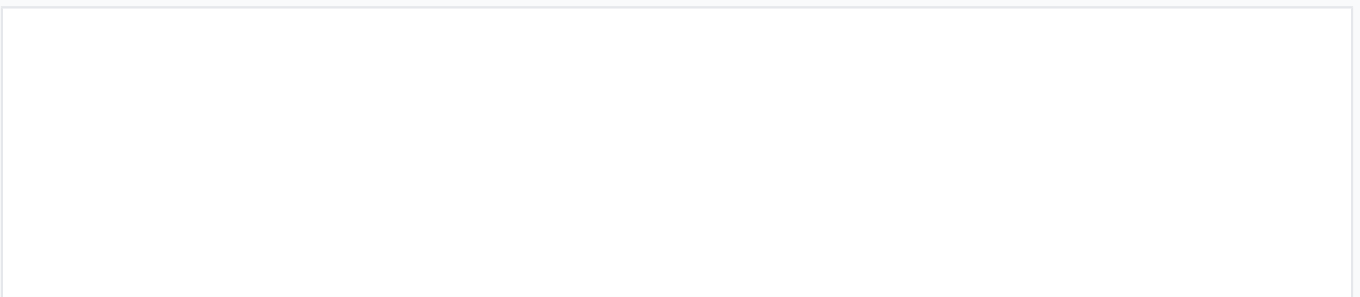


Detailed dimensional drawing showing mounting points and overall engine footprint.

Flywheel & Housing

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

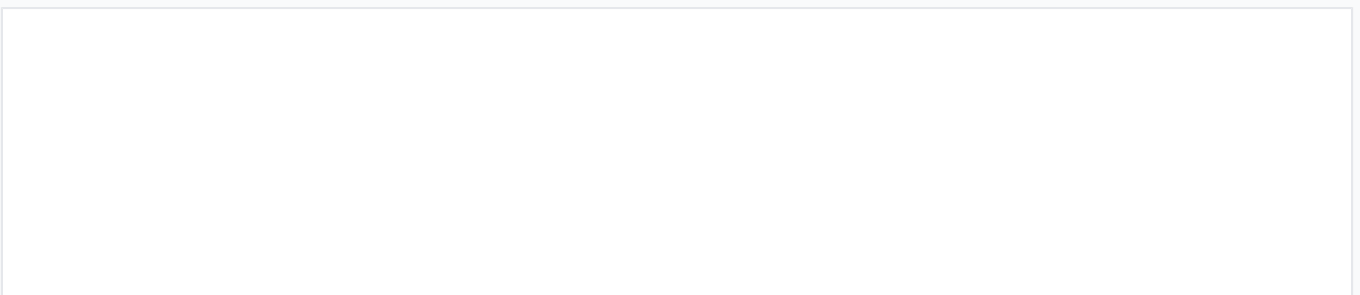
Cooling System



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

Fan Diameter	510 mm
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Logistics



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

Shipping Format

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