

Diesel Engine for Generator Sets

This is a 6-cylinder, four-stroke diesel engine with forced water cooling and direct injection. It is suitable for use in generator sets.

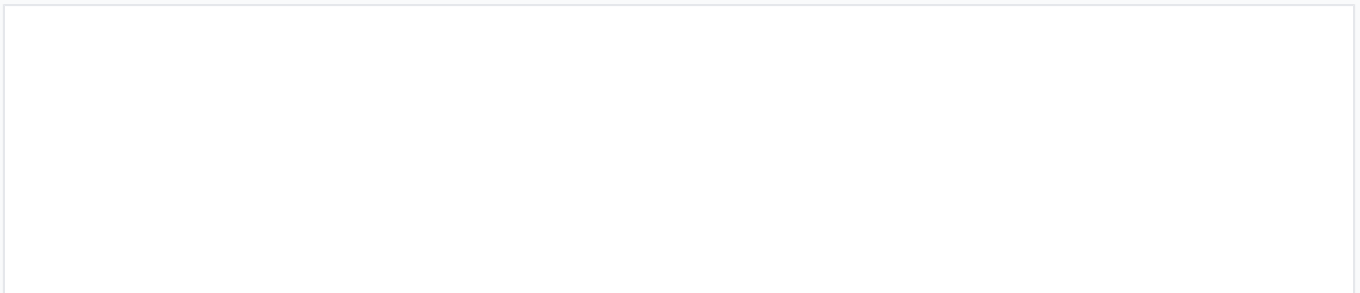


Overview

High-Performance Diesel Engines for Power Generation

This series of diesel engines is specifically engineered for generator sets, offering a versatile range of power solutions for industrial, commercial, and standby applications. Featuring robust 4-cylinder and 6-cylinder configurations, these four-stroke engines utilize direct injection and forced water cooling to ensure reliable performance under demanding conditions. Designed for durability and efficiency, they provide a dependable energy source for diverse heavy-duty machinery and power systems.

Engine Configuration



A robust four-stroke diesel engine featuring a direct injection system and integrated cooling fan for industrial power generation.

Engine Type

- Four-Stroke
- Direct Injection
- Forced Water Cooling

Cylinder Configurations

6-Cylinder, 4-Cylinder

Model Specifications



Turbocharged model designed for high-efficiency power output in diverse industrial settings.

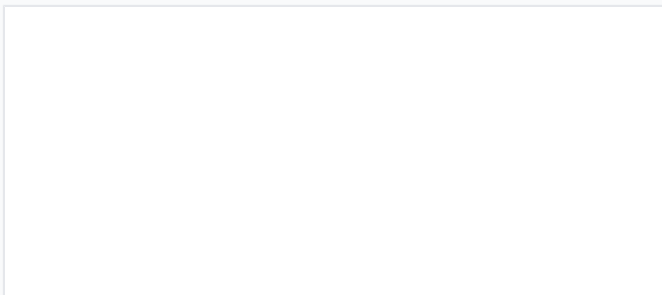
Compatible Models

QC380D • QC385D • QC480D • N485D • QC490D • QC498D • 4102D • 4105D • 4JR3ABD • QC6112ZLD • QC4112ZLD

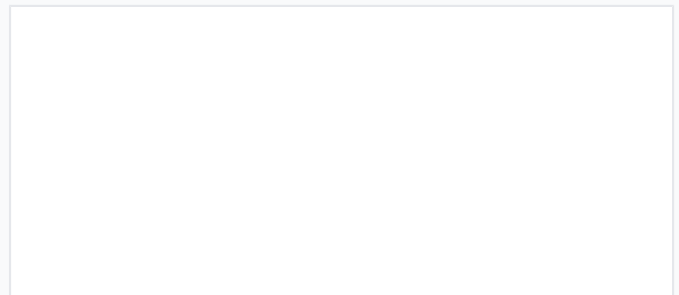
Bore and Stroke by Model

Model	Bore * Stroke (mm)
QC380D	80 * 90
QC385D	85 * 90
QC480D	80 * 90

Key Components



Heavy-duty configuration equipped with a large radiator and multi-stage fuel filtration for reliable long-term operation.



Detailed view of the electrical integration, including the starter motor and alternator, mounted on a vibration-dampening frame.

Integrated Systems

- High-pressure fuel injection system
- Turbocharger (select models)
- Heavy-duty oil filtration system
- Radiator cooling system
- Electric starter motor
- Air intake filter

Maintenance

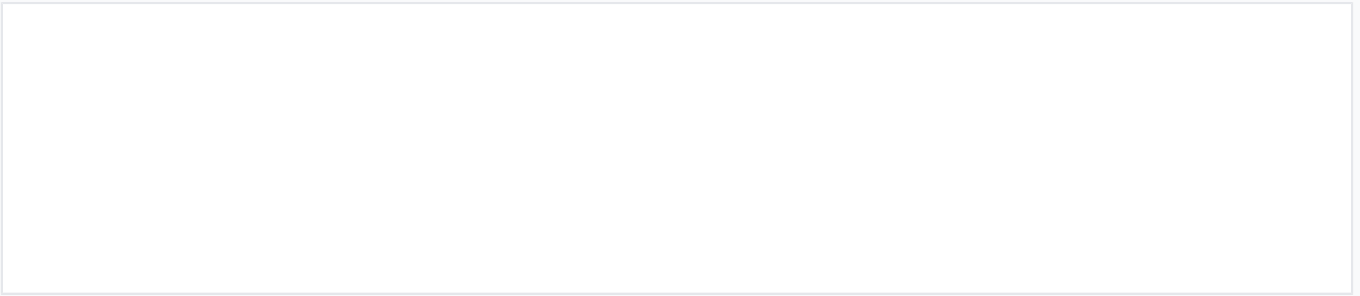


Engine service point showing the heavy-duty oil filtration system designed for extended maintenance intervals.

Maintenance Intervals

- Check and Clean Oil Filter: 1000 h or 40,000 km
- Replace Filter: 1000 h
- Replace Filter Element: 500 h or 20,000 km

Applications



Versatile diesel engine design suitable for a wide range of international generator set configurations.

Primary Applications

Generator Sets, Industrial Pumps, Heavy Machinery, Standby Power, Commercial Power Solutions