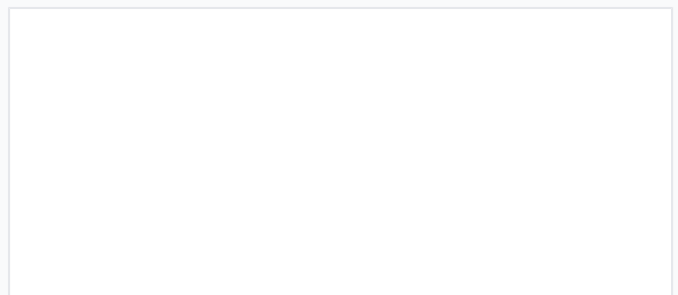
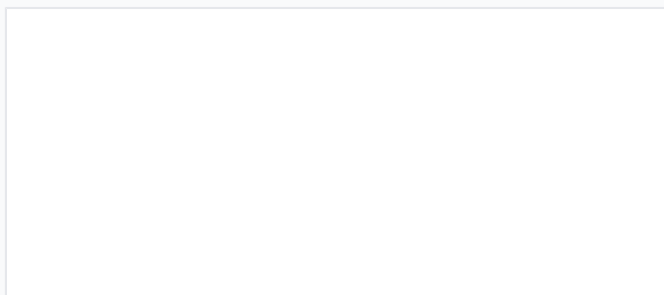


# Vertical In-Line Four-Stroke Diesel Engine

This is a vertical, in-line, water-cooled, four-stroke diesel engine with direct injection. It is naturally aspirated and conforms to SAE4# and SAE7.5# standards.



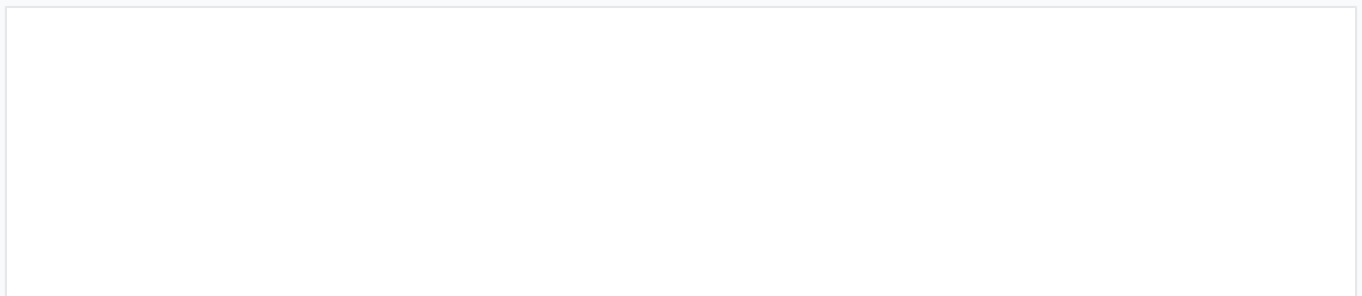
## Product Overview



### Reliable Power for Generator Sets

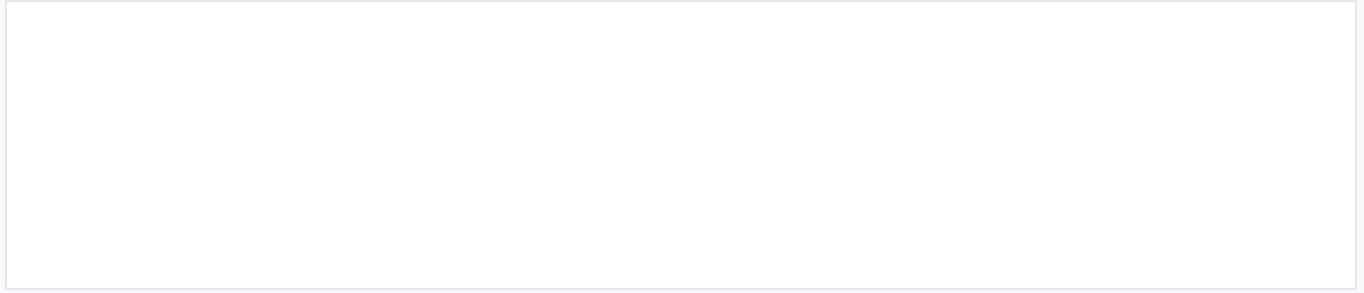
The QC380D is a robust vertical, in-line four-stroke diesel engine specifically engineered for generator set applications. Featuring direct injection and a naturally aspirated intake system, it provides a dependable and efficient power source for industrial and commercial use. Its water-cooled design and wet cylinder liner ensure optimal thermal management and extended service life in demanding environments.

## Core Engine Specifications



Engine Configuration	Vertical, In-line, Water-cooled, Four-stroke, Naturally Aspirated
Number of Cylinders	3
Displacement	1.357 L
Bore & Stroke	80mm x 90mm

## Performance Metrics



### Rated Output & Speed

**10 kW**

Rated Output (Low)

**1500 r/min**

Rated Speed (Low)

**12 kW**

Rated Output (High)

**1800 r/min**

Rated Speed (High)

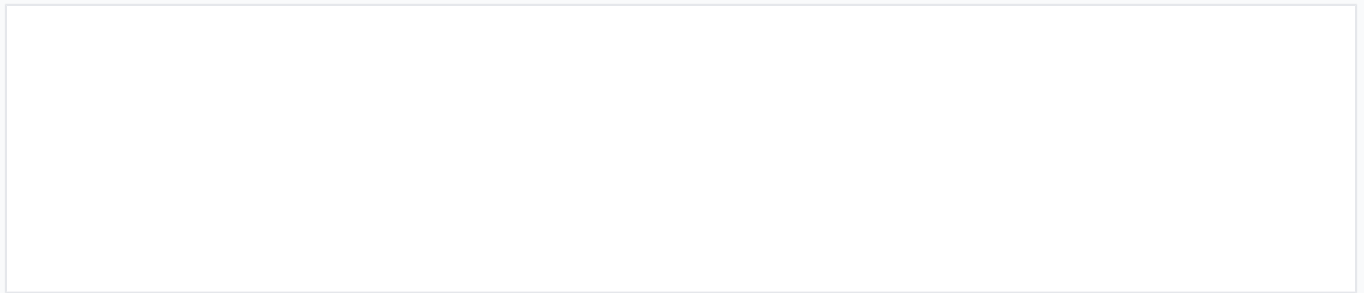
Fuel Consumption Rate

d 255g/kw.h

Smooth Speed Rate

d 5%

## Mechanical Interface



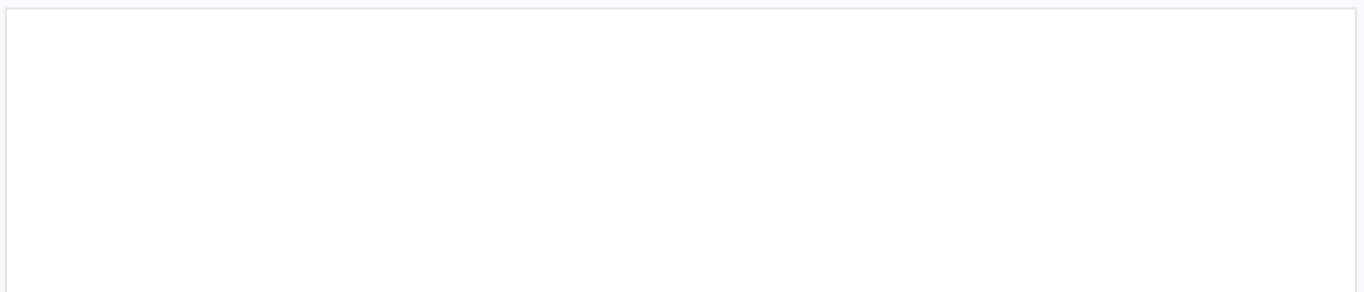
### Flywheel and Housing

- Flywheel Type: SAE 7.5#
- Flywheel Cover: SAE 4#
- Ring Gear Teeth: 115

Cooling Fan Diameter

410 mm

## Technical Features



### Combustion & Intake

Feature	Specification
Chamber Type	Direct Injection
Cylinder Liner	Wet Type
Intake Method	Naturally Aspirated