

10kW Four-Stroke Diesel Engine

This 10kW diesel engine features a vertical, in-line, water-cooled, four-stroke design. It operates at 1500rpm.



Product Overview

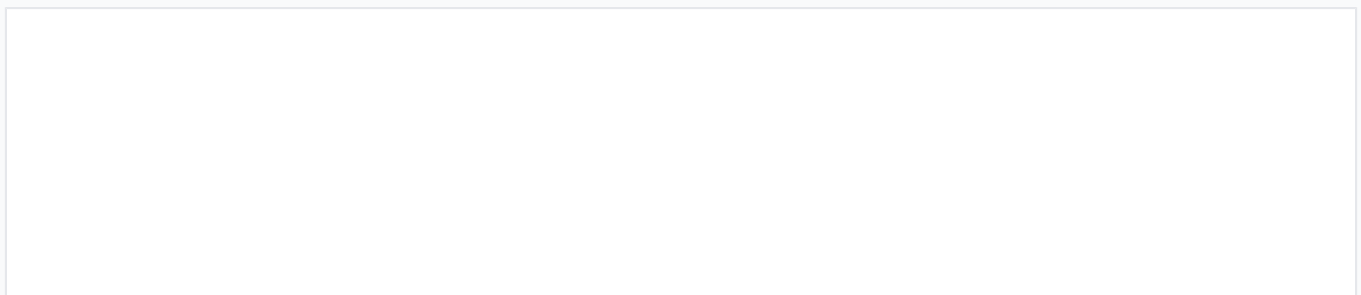


Complete diesel engine assembly featuring integrated radiator and air filtration system.

Reliable 10kW Diesel Engine for Power Generation

The QC380D is a robust, vertical in-line diesel engine specifically engineered for generator set applications. Featuring a four-stroke, water-cooled design with direct injection, it delivers dependable performance and high thermal efficiency. This naturally aspirated engine is built for durability, making it an ideal choice for industrial and commercial power needs requiring a steady 10kW to 12kW output.

Performance Metrics



Heavy-duty construction optimized for stationary power generation applications.

Rated Performance

10 kW

Rated Output (1500rpm)

12 kW

Rated Output (1800rpm)

1500 r/min

Standard Speed

Engine Configuration

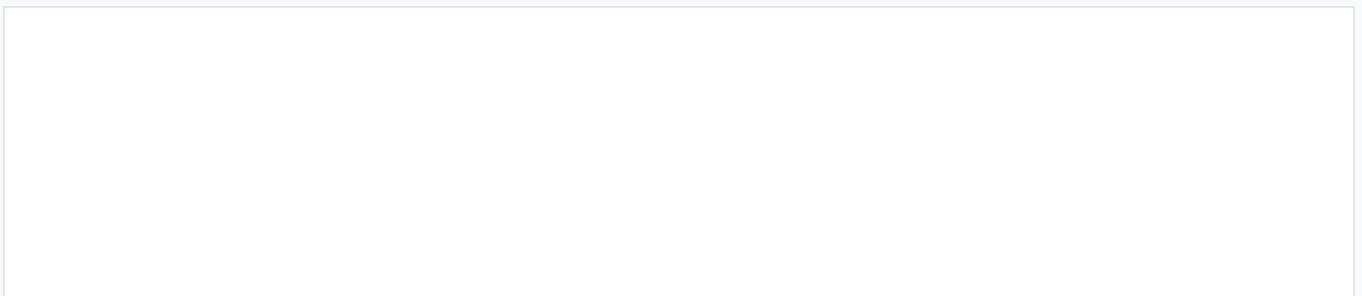


Compact 3-cylinder design with direct injection fuel system and belt-driven cooling fan.

Engine Characteristics

Four-stroke, Water-cooled, Vertical, In-line, Naturally Aspirated, Direct Injection

Technical Specifications



Available in multiple configurations to suit specific industrial requirements.

Detailed Technical Data

Parameter	Value
Cylinder Number	3
Bore & Stroke	80mm x 90mm
Displacement	1.357 L
Cylinder Liner Type	Wet
Chamber Type	Direct Injection
Fuel Consumption Rate	d 25g/kw.h
Smooth Speed Rate	d 5%

Mechanical Interface

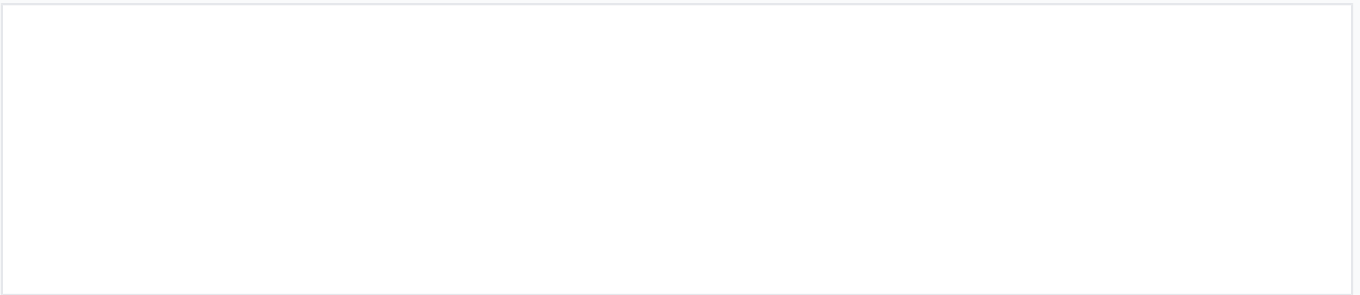


Engineering schematic showing mounting dimensions and overall engine footprint.

Interface & Mounting

- Flywheel Ring Gear: 115 Teeth
- Flywheel Cover Type: SAE 4#
- Flywheel Type: SAE 7.5#
- Fan Diameter: 410 mm

Performance Curves



Technical chart illustrating torque, power output, and fuel consumption rates.

Engine Efficiency

The engine maintains a fuel consumption rate of 255 g/kW.h or less, optimized for continuous operation. Performance curves indicate stable torque (Me) and specific fuel consumption (ge) across the standard operating range of 1500 to 1800 r/min.