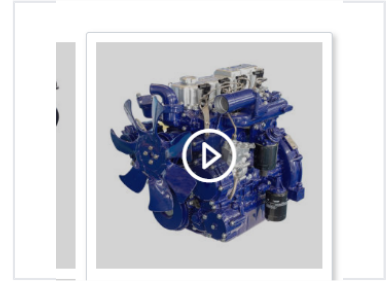


Diesel Engine for Forklifts

This diesel engine provides a reliable power source for multidirectional forklifts. It features a durable construction and efficient fuel consumption.



Overview

High-Performance Diesel Power for Industrial Forklifts

The QC490GA is a robust diesel engine specifically engineered for multidirectional and standard forklift trucks ranging from 1.5 to 4.5 tons. Developed using advanced 3D design and CAE analysis technology, this engine optimizes structural stiffness to ensure high reliability and strong power output. Its compact and lightweight design allows for convenient installation while maintaining excellent fuel economy and low vibration levels.

Performance Metrics

Key Performance Metrics

39 kW

Rated Output

2650 rpm

Rated Speed

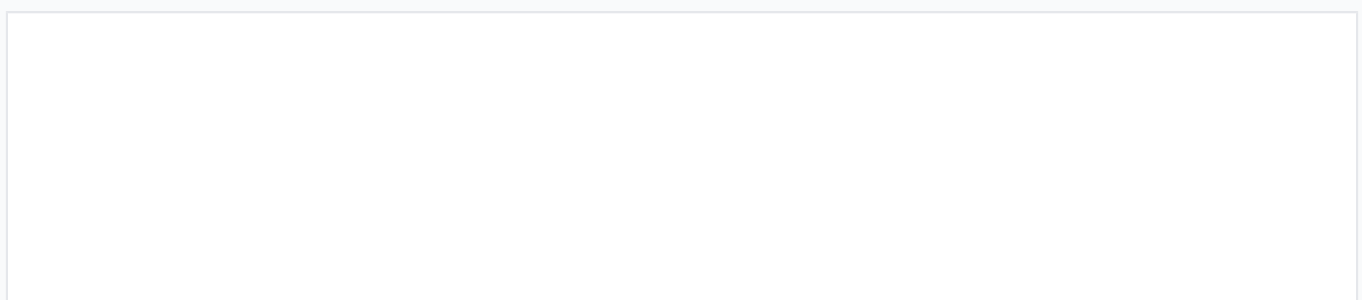
157 N.m

Max Torque

2.67 L

Displacement

Technical Specifications



The QC490GA engine features a compact design with advanced fuel injection and cooling systems for maximum efficiency.

Engine Details

Parameter	Value
Model	QC-490GA
Cylinder Number	4
Bore & Stroke	90 x 105 mm
Emission Standard	State Two
Fuel Consumption Rate	d232g/kw.h
Max Torque Speed	1980 rpm

Key Features

Design Advantages

- Direct injection combustion chamber for easy starting and low oil consumption
- Long stroke design providing large torque backup and strong power
- Strengthened gear system with large flow cooling nozzles
- Stable and reliable hydraulic PTO power output
- High universality of key parts for easy maintenance and durability
- Compact structure and light weight for flexible arrangement

Applications

Suitable Machinery

Multidirectional Forklifts, 1.5 - 4.5 Ton Forklift Trucks, Construction Machinery, Industrial Vehicles