

418cc Diesel Engine

This 418cc diesel engine features a bore and stroke of 86 x 72 mm and a compression ratio of 20:1. It is designed for efficient fuel consumption and reliable performance in various industrial applications.



Overview

High-Performance 418cc Diesel Engine

This single-cylinder, 4-stroke diesel engine is engineered for industrial reliability and efficiency. Featuring a direct injection system and air-cooled design, it delivers robust power for demanding applications like generators and water pumps. With options for both recoil and electric starting, it offers versatile operation across various professional environments.

Performance Metrics

Power Performance

6.3 kW

Max Rated Power

3600 r/min

Rated Speed

418 cm³

Displacement

Engine Configuration

Engine Type	Single-cylinder, vertical, air-cooled, 4-stroke, direct injection
Bore x Stroke	86 x 72 mm
Compression Ratio	19

Fuel & Lubrication

Fuel System Details

Parameter	Specification
Fuel Type	0#, -10#, -20# diesel
Fuel Tank Capacity	5.5 L
Fuel Consumption (3600 r/min)	281.5 g/kW.h
Lube Oil Type	CD grade or SAE 10W-30, 15W-40
Lube Oil Capacity	1.65 L

Operation

Governor System

Mechanical

Starting Options	Recoil Starter, Electric Starter
Rotation Direction	Anticlockwise (facing output axle)

Physical Dimensions

Weight Specifications

- Recoil Starter (Dry): d47 kg
- Electric Starter (Dry): d52 kg
- Recoil Starter (Gross): d49 kg
- Electric Starter (Gross): d54 kg

Overall Dimensions

500 x 475 x 555 mm