

10 HP Single-Cylinder Air-Cooled Diesel Engine

This 10HP diesel engine is air-cooled and features a four-stroke design. It includes both a recoil and electric starter for easy operation and optimal combustion efficiency.



Overview

Robust Power Solution

This 10 HP single-cylinder, 4-stroke diesel engine is engineered for demanding professional applications. Featuring efficient direct injection and reliable air cooling, it provides consistent power for generators, water pumps, and agricultural machinery. Its durable construction ensures long-lasting performance in various operational environments.

Performance Metrics

Rated Power Output

5.9 kW

At 3000 r/min

6.5 kW

At 3600 r/min

Technical Specifications

Engine Configuration

Parameter	Specification
Model	TP186FA
Type	Vertical, 4-cycle, air-cooled
Bore x Stroke	86 x 72 mm
Displacement	418 cc
Compression Ratio	19:01

Lowest Rotation Speed (Zero Load) 1300 r/min

Rotation Direction Anticlockwise (facing output axle)

Fuel and Lubrication

Compatible Lube Oil Grades

- CD Grade
- SAE 10W-30
- SAE 15W-40

Fuel Types 0# Diesel, -10# Diesel, -20# Diesel

Fuel Tank Capacity 5.5 L

Electrical System

Starting Options

Recoil Starter • Electric Starter

Starting Motor Capacity

12V 0.8kW

Recommended Battery

Above 12V 36Ah

Physical Characteristics

Packing Size (LxWxH)

500 x 455 x 545 mm

Gross Weight

d47kg (Recoil) / d52kg (Electric)