

# 5 HP Single-Cylinder Diesel Engine

This 5 HP diesel engine is a robust and reliable power source designed for a variety of applications. The single-cylinder, air-cooled engine delivers efficient performance and durability.



## ADDITIONAL IMAGES

**KAMA**

Convenient Usage

Optional To Be Upgraded For Euro 5 Emission Standard

Small Size Light Weight

Compact Structure Reasonable Layout

PARAMETER		VALUE
Bore * Stroke	mm	73*59
Displacement	ml	250
Rated speed	rpm	3000/3600
Rated output power	KW/HP	3.3/4.5
Max output power	KW/HP	4.0/5.5

ENGINE CHARACTERISTICS CURVES



## Overview

### High-Performance Air-Cooled Diesel Engine

This air-cooled single-cylinder diesel engine delivers a maximum power output of 4.0KW (5.5HP), making it a versatile power source for various industrial and agricultural applications. Designed with direct injection optimization technology, it offers superior fuel efficiency and reliable starting capabilities. Its compact, lightweight architecture and ability to operate in extreme environmental conditions—from high altitudes to extreme temperatures—ensure dependable performance in diverse and challenging settings.

## Performance Metrics

### Power Output

**4 KW**

Max Power

**5.5 HP**

Max Power

### Output Ratings

- Rated Output (3000 rpm): 3.3 KW (4.5 HP)
- Rated Output (3600 rpm): 3.7 KW (5.0 HP)
- Max Output (3000 rpm): 3.7 KW (5.0 HP)
- Max Output (3600 rpm): 4.0 KW (5.5 HP)

## Technical Specifications

### Engine Specifications

Parameter	Value
Bore * Stroke	73 * 59 mm
Displacement	250 ml
Engine Speed	3000 / 3600 rpm

## Features & Benefits

### Key Features

Lightweight, Compact Structure, Direct Injection, Low Emissions, Air-Cooled

## Environmental Adaptability

### Environmental Limits

- Max Altitude: 4500m
- High Cold Tolerance: Down to -41°C
- High Heat Tolerance: Up to +46°C

## Compliance

### Certifications

Euro 5