

Single-Cylinder 150cc Motorcycle Engine

This is a single-cylinder, four-stroke motorcycle engine with air-cooling. It features a robust crankcase, optimized cylinder head, and durable piston for reliable performance and fuel efficiency.



Overview

High-Performance 150cc Engine

This 150cc single-cylinder, vertical 4-stroke engine is engineered for reliability and efficient power delivery. Featuring natural air cooling and a robust wet multi-disc clutch, it is designed to handle consistent daily use. With versatile electric and kick-start options, this engine provides dependable performance for a wide range of motorcycle applications.

Technical Specifications

Cooling System

Natural Air Cooled

| | |
|---------------|-------------------------------------|
| Engine Type | Single Cylinder, Vertical, 4-stroke |
| Bore x Stroke | 56.5 x 49.5 mm |
| Displacement | 124.1 cm ³ |

Performance Metrics

Key Performance Metrics

8 Kw/8500 rpm

Max Power

9.5 Nm/8000 rpm

Max Torque

Operational Details

| | |
|--------------------|-------------------------------|
| Clutch Type | Wet Multi Disc |
| Start Mode | Electric Start, Kick Start |
| Transmission | 4/5-speed, Left Foot operated |
| Ignition System | CDI System |
| Lubrication System | Compression & Splash |

Emissions

Pollutant Index

| Metric | Value |
|------------|---------|
| CO Content | 3.0% |
| HC Content | 500 ppm |