

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