Single-Cylinder Diesel Engine

This single-cylinder diesel engine is commonly used in agricultural and industrial applications. It features a robust design, air-cooled system, and direct injection for efficient fuel consumption, making it suitable for powering irrigation pumps, generators, and small machinery.

Overview

Robust Single-Cylinder Diesel Engine

This horizontal, four-stroke diesel engine is engineered for reliability in demanding agricultural and industrial environments. Featuring a P-type injection nozzle for optimized performance, it offers a versatile power solution for irrigation pumps, generators, and small machinery. Available in three configurations, this engine balances fuel efficiency with consistent power output to meet diverse operational needs.

Technical Specifications

Model Comparison

Specification	LNSP13L	LNSP16L	LNSP24L
Cylinder Diameter × Stroke (mm)	95×120	100×120	115×120
Displacement (L)	0.85	0.94	1.25
Rated Power (kW/ps)	9.56/13	11.76/16	16/21.8
One-hour Rating (kW/ps)	10.5/14.3	12.9/17.6	17.65/24
Net Weight (kg)	160	160	175

Engine Type	Single-cylinder, four-stroke, horizontal, P-type injection nozzle
Compression Ratio	17

Performance

Key Performance Metrics

2200 r/min	232 g/kw·h	2.72 g/kw·h
Rated Speed	Max Fuel Consumption	Max Oil Consumption

Operational Details

Start Modes	Hand start, Electric start
Fuel Supply Advance Angle	Before TDC 22° ± 2°