

F6L912 Air-Cooled Diesel Engine

The F6L912 is a four-stroke diesel engine known for its reliability and robust design. Its compact size and high power-to-weight ratio make it suitable for various applications, including construction equipment, agricultural machinery, and power generation.



Overview

F6L912 Performance Overview

The F6L912 is a reliable four-stroke diesel engine designed for demanding industrial environments. Featuring an air-cooled system and direct fuel injection, it offers efficient combustion and simplified maintenance by eliminating the need for a radiator. Its compact design and high power-to-weight ratio make it an ideal choice for construction equipment, agricultural machinery, and power generation applications.

Performance Metrics

Max Output

82 kW

Max Output

110 bhp

Max Output

Rated Speed Range	1500-2500 r/min
Max Torque	345 N.m
Max Torque Speed	1600 r/min

Technical Specifications

Cylinder Number	6
Displacement	5.655 L
Bore X Stroke	100 X 120 mm
Compression Ratio	17:1
Firing Order	1-5-3-6-2-4

Systems & Design

Cooling System

Air Cooled

Injection System	Direct Injection
Power Output Location	Flywheel