

Air-Cooled Single-Cylinder Diesel Engine

This air-cooled, single-cylinder diesel engine has a maximum power of 6.6kW (9.0hp). Its design allows for versatile use with different output shafts across a range of devices.

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Best Material Durable **Sufficient Power**

Optional To Be Upgraded For Euro 5 Emission Standard **Compact Structure Reasonable Layout**

Model	KM186F	
Bore x Stroke	mm/mm	86/72(30/2.70)
Displacement	ml/cu.in	418(25.5)
Engine speed	rpm	3000/3600
Rated output power	KVAH/PS/gpm	5.7/7.8/2000-5.2/8.0/2800
Max output power	KVAH/PS/gpm	6.3/8.6/2000-6.6/9.0/2800

KM186F CHARACTERISTICS CURVES

ADDITIONAL IMAGES



Overview

High-Performance Air-Cooled Diesel Engine

This air-cooled, single-cylinder diesel engine is engineered for versatility and reliability across various industrial and agricultural applications. Featuring advanced direct injection technology, it offers exceptional fuel efficiency and easy starting capabilities. Its robust, compact design ensures durability even in extreme environments, including high altitudes and significant temperature variations.

Technical Specifications

Key Performance Metrics

6.6 kW

Max Power

9 hp

Max Power

418 ml

Displacement

Engine Operating Data

Parameter	Value
Bore x Stroke	86mm x 72mm
Engine Speed	3000 / 3600 rpm
Rated Output (3000 rpm)	5.7 kW (7.8 hp)
Rated Output (3600 rpm)	6.3 kW (8.6 hp)
Max Output (3000 rpm)	6.3 kW (8.6 hp)
Max Output (3600 rpm)	6.6 kW (9.0 hp)

Features & Benefits

Engine Highlights

- Lightweight and compact structure for easy integration
- Direct injection optimization for fuel efficiency
- Waterless operation, ideal for arid or hilly regions
- Low smoke emission profile
- High reliability with durable materials

Environmental Ratings

High Altitude (up to 4500m), High Cold (-41°C), High Heat (+46°C), Euro 5 Compliant