Anticlockwise 5.4hp Air Cooled Diesel Engine 3000RPM 3600RPM

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: GET
- Certification: ISO CE
- Price: Negotiable
- Delivery Time: 15-20 workdays
- Payment Terms: LC, T/T, PayPal, Western Union, Small-amount payment, Money Gram

Product Specification

- Type: Single Cylinder, Vertical, Four-stroke, Direct Injection, Air-cooled
- Borexstroke: 73x59mm, 78x62mm, 86x72mm
- Displacement: 247ml, 296ml, 418ml
- Compression Ratio: 20:01, 20:01, 19:01
- Rated Power(kw/rpm): 3.5/3000-3.8/3600 3.68/3000-4/3600 5.7/3000-6.3/3600
- Rated Power(hp/rpm): 4.8/3000-5.2/3600, 5.0/3000-5.4/3600, 7.8/3000-8.6/3600
- Rated Speed(rpm): 3000/3600
- Lowest Rotation Speed At Zero Load: ≤1300r/min
- Lubricating System: Pressure Splashed
- Starting System: Recoil Start/electric Starter
- Rotation Direction(face To The Output Axle): Anticlockwise
- Fuel Type: 0#(summer),-10#(winter),-35#(chillness)

Our Product Introduction

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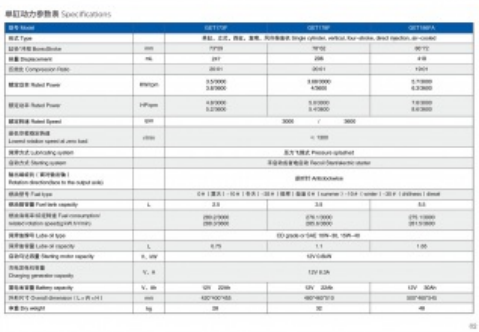
Product Description

GET173F GET178F GET186FA Single Cylinder Air Cooled Diesel Engine

A single-cylinder air-cooled diesel engine is a type of internal combustion engine that has a single cylinder and relies on air cooling to maintain the operating temperature. It is commonly used in small applications, such as generators, water pumps, agricultural equipment, and small vehicles.
Here are some key features and characteristics of a single-cylinder air-cooled diesel engine:
Cylinder: It has a single cylinder in which the combustion process takes place. The piston moves up and down within the cylinder, converting the energy of combustion into mechanical work.
Air Cooling: Instead of using a liquid coolant and radiator system, these engines rely on air cooling to dissipate heat. They typically have cooling fins on the outside surface of the cylinder and sometimes on the cylinder head to increase the surface area for better heat dissipation.
Compression Ignition: Diesel engines operate on the principle of compression ignition, where fuel is injected into the combustion chamber at high pressure. The compressed air in the cylinder heats up and ignites the fuel without the need for a spark plug.
Fuel Injection: Fuel is injected into the combustion chamber using a fuel injection system. Commonly, these engines use direct fuel injection, where fuel is injected directly into the combustion chamber.
Efficiency and Torque: Diesel engines are known for their high efficiency and torque output. They are generally more fuel-efficient than gasoline engines and provide higher torque at lower RPMs, making them suitable for applications that require heavy loads to be driven.
Simplicity and Reliability: Single-cylinder air-cooled diesel engines are relatively simple in design, which makes them reliable and easy to maintain. They have fewer moving parts compared to multi-cylinder engines, reducing the chances of component failure.
Noise and Vibration: Single-cylinder engines tend to produce more noise and vibration compared to multi-cylinder engines. However, advancements in engine design and technology have helped reduce noise and vibration levels significantly.
Power Output: The power output of a single-cylinder air-cooled diesel engine can vary depending on its size and design. Typically, they have lower power outputs compared to multi-cylinder engines, but they are still capable of providing sufficient power for their intended applications.
It's important to note that while single-cylinder air-cooled diesel engines have their advantages in terms of simplicity and reliability, they may not be suitable for applications that require higher power output or smoother operation. In such cases, multi-cylinder engines with liquid cooling may be preferred.

Model	GET188F	GET190F	GET192F	GET195F
Type	Single cylinder, vertical, four-stroke, direct injection, air-cooled	Single cylinder, vertical, four-stroke, direct injection, air-cooled	Single cylinder, vertical, four-stroke, direct injection, air-cooled	Single cylinder, vertical, four-stroke, direct injection, air-cooled
Bore*Stroke	88.75*90mm	75*77mm	92*75mm	95*75mm
Displacement	19:01cc	19:01cc	19:01cc	19:01cc
Compression Ratio	6.7/3000	7.8/3000	6.5/3000	8.1/3000
Rated Power (KWipm)	7.2/3600	7.3/3600	8.2/3600	8.7/3600
Rated Power (HPIIPm)	9.8/3600	10.3/3600	112/3600	11.8/3600
Rated Speed (rpm)		3000/3600		
Lowest rotation speed at zero loed		1300		
Lubricating system		Pressure splashad	Pressure splashad	Pressure splashad



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