



## Air Cooled Single Cyl Diesel Engine 3000rpm Single Cylinder Diesel Motor

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) 25#(chillness)

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## Product Description

### GET190F High Speed Single Cylinder Air Cooled Diesel Engine

Model	GET173F	GET186FA	GET178F
Bore x Stroke mm	296 x 418	-	-
Displacement mL	247	-	-
Compression Ratio	13.5/3000	3.68/3000	5.7/3000
Rated Power KW/rpm	4/3600	6.3/3600	3.8/3600
Rated Power HP/rpm	5.2/3600	5.4/3600	8.6/3600
Rated Speed/≤r/min	-	-	≤1300
Lubricating system	Pressure splashed	-	-
Starting system	Recoil Start/electric starter	-	-
Rotation direction(face to the output axle)	Anticlockwise	-	-
Fuel type	2.5L,3.5L,5.5L diesel	-	-
Fuel consumption/related rotation speed(g/kW.h///min)	288.3/3600,285.6/3600,281.5/3600	-	-
Lube oil type	CD grade or SAE 10W-30,15W-40,0.75,1.65L1.1	-	-
Lube oil capacity	12V,0.8kWV,kW	-	-
Starting motor capacity	V,A12V8.3ACharging generator capacity	-	-

A high-speed single-cylinder air-cooled diesel engine offers several advantages:

**Compact Size:** High-speed single-cylinder air-cooled diesel engines are typically compact in size, making them suitable for applications where space is limited or portability is required. Their smaller footprint allows for easy installation and integration into various equipment configurations.

**Lightweight:** These engines are lightweight compared to larger multi-cylinder engines, making them easier to handle and transport. Their reduced weight contributes to improved portability and maneuverability in mobile applications.

**Cost-Effective:** High-speed single-cylinder air-cooled diesel engines are generally more cost-effective compared to larger multi-cylinder engines. They have a lower initial cost, require less maintenance, and consume less fuel due to their smaller size and lower power output. This makes them an economical choice for applications with lower power requirements.

**Simple Design:** Single-cylinder air-cooled diesel engines have a simpler design compared to multi-cylinder engines. They have fewer moving parts, resulting in reduced complexity and easier maintenance. This simplicity translates into lower maintenance and repair costs.

**Reliable Performance:** These engines are known for their reliable performance. The single-cylinder design minimizes the chance of mechanical issues, and the air-cooling system eliminates the need for a separate liquid cooling system, reducing the risk of coolant leaks or radiator malfunctions. They can withstand continuous operation in various conditions and are suitable for demanding applications.

**Versatility:** High-speed single-cylinder air-cooled diesel engines find applications in a wide range of equipment, including portable generators, water pumps, small boats, and agricultural machinery. Their versatility allows them to be used in various industries, including agriculture, construction, and outdoor power equipment.

**Quick Start-Up:** Single-cylinder air-cooled diesel engines typically have a quick start-up time. They do not require preheating like some larger diesel engines, allowing for immediate power generation or operation as soon as they are started.

**Fuel Efficiency:** Despite their smaller size, high-speed single-cylinder air-cooled diesel engines are designed for fuel efficiency. They provide efficient combustion of diesel fuel, resulting in reduced fuel consumption, lower operating costs, and longer runtimes on a single tank of fuel.



单缸风冷柴油系列 Single Cylinder Air Cooled Diesel Engine Series

Model	GET173F	GET186FA	GET178F
额定功率 (kW)	4	6.3	3.8
额定功率 (HP)	5.2	8.6	5.2
额定转速 (r/min)	3600	3600	3600
排量 (L)	0.247	0.247	0.247
压缩比	13.5	3.68	5.7
燃油消耗率 (g/kWh)	288.3	285.6	281.5
燃油消耗率 (g/HP-h)	288.3	285.6	281.5
机油容量 (L)	1.1	1.1	1.1
机油容量 (qt)	1.1	1.1	1.1
冷却系统	风冷	风冷	风冷
启动系统	手启动/电启动	手启动/电启动	手启动/电启动
旋转方向	逆时针	逆时针	逆时针
安装尺寸 (mm)	296x418	296x418	296x418
净重 (kg)	12	12	12
总重 (kg)	15	15	15
包装尺寸 (mm)	300x420	300x420	300x420
包装重量 (kg)	18	18	18



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