Wuxi Guangertai Power Machinery Co.,Ltd dieselenginepumps.com

2.5L 3.5L 5.5L Single Cylinder Diesel Engine Electric Start Direct Injection

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): 3000/3600Lowest Rotation Speed At ≤1300r/min

Zero Load:

Lubricating System: Pressure SplashedStarting System: Recoil Start/electric Starter

Rotation Direction(face To Anticlockwise

The Output Axle):

First Times 0#/simmer\ 10#/winter\ 0E#/shillness\

Product Description

Air Cooled Single Cylinder Diesel Engine Single Cylinder Diesel Engine Electric Start

The single-cylinder air-cooled diesel engine is a diesel engine that adopts air-cooled heat dissipation method and has the following characteristics:

Lower cost: Compared with water-cooled diesel engines, single-cylinder air-cooled diesel engines generally have lower costs. They eliminate the need for cooling water pumps, radiators and associated water cooling piping, reducing manufacturing and maintenance costs.

Simplified cooling system: The single-cylinder air-cooled diesel engine dissipates heat through fans and radiator fins, and does not require additional coolant. This simplifies cooling system design and maintenance, reducing coolant use and replacement.

Model	GET173F	GET1 86FA	GET1 78F
Bore x Stroke mm	296 x 418	-	-
Displacement mL	247	-	-
Compression Ratio	13.5/3000	3.68/3 000	5.7/3 000
Rated Power KW/rpm	4/3600	6.3/36 00	3.8/3 600
Rated Power HP/rpm	5.2/3600	5.4/36 00	8.6/3 600
Rated Speed/≤r/min	-	-	≤130 0
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)	288.3/3600,285.6/3600,281.5/36 00	-	-
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	-	-

Quick Start: Single-cylinder air-cooled diesel engines generally have faster start times because they do not require preheating coolant. This makes them advantageous in applications requiring quick start-up, such as emergency power generation and emergency power equipment.

Lower power loss: Since there is no need to drive the cooling water pump, the single-cylinder air-cooled diesel engine has lower power loss. This means more power is available for output, improving fuel efficiency.

Suitable for light-load applications: Due to their typically single-cylinder construction, single-cylinder air-cooled diesel engines perform well when suitable for light-load applications, such as small generators, agricultural equipment, and small machinery.



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GET Wuxi Guangertai Power Machinery Co.,Ltd

13813650506

2415819289@qq.com

@ dieselenginepumps.com

NO.88 Shenxing East Road, Wanshi Town, Yixing City,CHINA