4KW 6.3KW Diesel Engine Pumps 13.5L Diesel Powered Water Pump

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: Diesel Water Pump
- Suction/discharger Port Diameter Mm(inch): 50(2'). 80(3'). 100(4'). 150(6')
- Discharge Capacity m³/h): 30 40 110 150
- Total Head Lift: 25m 26m 22m 20m
- Self-priming Time (s/4m): 80 120 180 180
- Max Suction Head: 8m 8m 8m 6m
- Rotation Speed (r/min): 3600
- Noise Level Db(A)/7m): 85
- Overall Dimension(mm): 510x455x640. 560x455x655. 650x470x700. 770x574x785
- Dry Weight: 44kg 50kg 71kg 95kg
- Engine Model: GET173F GET178F GET186FA GET192F
- Rated Power: 2.8kw 4kw 6.3kw 8.5kw
- Fuel Consumption G/kw.h: 288 285 281 281
- Displacement (cm³): 247 296 418 498

Our Product Introduction

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Product Description

High Pressure Diesel Engine Pumps Diesel Fire Fighting Pump

Here is a description of the key features and components of a Diesel Fire Fighting Pump:
Diesel Engine: A diesel fire pump is equipped with a diesel engine as its power source. Diesel engines are known for their reliability, durability, and ability to provide consistent power even in demanding conditions. The engine drives the pump system to deliver the required water flow and pressure.
Pump Assembly: The pump assembly consists of the impeller, casing, and other components responsible for water intake, impeller rotation, and water discharge. The impeller creates centrifugal force, which pushes the water outward, generating the necessary pressure for firefighting.
Controller and Monitoring System: A diesel fire pump is typically equipped with a control panel and monitoring system. The controller allows for automatic or manual operation of the pump, including starting, stopping, and controlling the speed. The monitoring system provides real-time information on pump performance, including pressure, temperature, and alarms for any malfunctions or abnormalities.
Fuel System: The fuel system supplies diesel fuel to the engine for combustion. It includes components such as fuel tanks, fuel filters, fuel pumps, and fuel lines. The fuel system ensures a reliable and continuous supply of fuel to the engine during operation.
Cooling System: The diesel engine requires a cooling system to maintain the optimal operating temperature. The cooling system typically consists of a radiator, coolant fluid, fan, and circulation pump. It dissipates the heat generated during engine operation, preventing overheating and ensuring efficient performance.
Exhaust System: The exhaust system is responsible for safely removing the combustion gases from the diesel engine. It includes components such as the exhaust manifold, muffler, and exhaust pipes. The exhaust system may also incorporate noise reduction features to minimize the noise emissions during operation.
Electrical System: The electrical system of a diesel fire pump includes a battery for starting the engine and powering the control panel and monitoring system. It may also have an alternator to recharge the battery while the engine is running.
Enclosure and Protection: Diesel fire pumps are typically housed in a protective enclosure or pump room to provide weather protection and prevent unauthorized access. The enclosure may also have soundproofing features to reduce noise levels during operation.
Fire Pump Controller: A fire pump controller is a vital component of a diesel fire pump system. It monitors the water pressure in the fire protection system and automatically starts the pump when the pressure drops below a certain level. The controller ensures a quick response to fire emergencies and maintains adequate water supply for firefighting operations.
Compliance with Standards: Diesel fire pumps are designed and manufactured in accordance with specific industry standards and regulations, such as NFPA 20 (National Fire Protection Association). These standards ensure that the fire pumps meet the necessary safety, reliability, and performance requirements for fire protection systems.

Model	JBC6/10
Type	vacuum pump
Max.Flow(T/h)	48
MAX.Lift(m)	60
Rated Speed(rpm)	3600
Water Shot Height	35m
Engine	190F
Maximum Suction Height(m)	7
Self-priming Time(S)	20
Discharge Port Diameter(mm)	65
N.W/G.W(KG)	91/100
Dimensions(mm)	
Loading Qty(20GP/40HQ)	
Model	JBC6/15
Type	vacuum pump
Max.Flow(T/h)	54
MAX.Lift(m)	80
Rated Speed(rpm)	3600
Water Shot Height	35
Engine	192
Maximum Suction Height(m)	7
Self-priming Time(S)	20
Discharge Port Diameter(mm)	65
N.W/G.W(KG)	94/103
Dimensions(mm)	
Loading Qty(20GP/40HQ)	

Diesel Fire Fighting Pump are crucial for providing a reliable water supply in fire protection systems, helping to suppress and control fires effectively. Their robust diesel engines, pump assemblies, monitoring systems, and safety features make them essential components of fire safety infrastructure in various buildings and facilities.

参数表 Specifications

机组型号 Model		GETDP30	GETDP40	GETDP50	GETDP60
水泵类型 Type		Diesel water pump	Diesel water pump	Diesel water pump	Diesel water pump
进出口直径 Suction/Discharge Port Diameter	mm (in)	80(3")	80(3")	100(4")	150(6")
额定流量 Discharge capacity	m³/h	30	40	110	150
额定扬程 Head	m	20	28	22	20
自吸时间 Self-priming Time	s/min	90	120	180	180
最大扬程 Max suction head	m	8	8	8	8
转速 Rotation speed	r/min	3600	3600	3600	3600
噪声(1米处) Noise level	dB(A)(7m)	95	95	95	95
外形尺寸 Overall Dimension	mm	640*460*640	660*460*665	660*470*790	770*574*785
净重 Dry weight	kg	44	50	71	90
配套发动机型号 Engine model		GET173F	GET178F	GET186FA	GET188F
额定功率 Rated Power	KW	2.9	4	6.5	9.5
燃油消耗率 Fuel consumption	g/KW·h	388	385	284	281
排量 Displacement	cm³	247	296	418	456
启动方式 Starter system		Recoil starter	Recoil starter	Recoil starter	Recoil starter
油箱容量 Fuel tank capacity	L	13.5	13.5	15.5	15.5
持续运转时间 Continuous working period	hr	10	10	8	8

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