4 Cylinder Diesel Engine Water Pump 3600rpm High Pressure Diesel 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

4 Cylinder Diesel Engine Pumps Diesel Powered Water Pump

Here is a description of the key features and components of a diesel water pump:
Diesel Engine: A diesel water pump is powered by a diesel engine, which provides the necessary torque and horsepower to drive the pump. Diesel engines are known for their durability, fuel efficiency, and ability to handle heavy-duty operations.
Pump Assembly: The pump assembly consists of various components responsible for water intake, impeller rotation, and water discharge. The impeller, driven by the diesel engine, creates centrifugal force that pushes the water outward, generating the necessary pressure for water transfer.
Suction and Discharge Ports: Diesel water pumps have specific suction and discharge ports for connecting hoses or pipes. The suction port draws water from a water source, such as a lake, river, or well, while the discharge port releases water to the desired location or system.
Control and Monitoring System: Many diesel water pumps are equipped with a control panel and monitoring system. The control panel allows for manual or automatic operation of the pump, including starting, stopping, and controlling the speed. The monitoring system provides real-time information on pump performance, such as pressure, temperature, and fuel levels.
Fuel System: The fuel system supplies diesel fuel to the engine for combustion. It typically 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 safely removes 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 noise emissions during operation.
Mobility and Portability: Many diesel water pumps are designed to be portable or mounted on trailers for easy transportation and mobility. They may have built-in handles, wheels, or towing capabilities, allowing for flexibility in different job sites.
Durable Construction: Diesel water pumps are typically constructed with durable materials such as cast iron, stainless steel, or other corrosion-resistant alloys. This ensures their ability to withstand harsh operating conditions, including exposure to abrasive fluids or corrosive environments.
Safety Features: Diesel water pumps often incorporate safety features to protect the pump system and operators. These may include overload protection, low oil pressure shutdown, temperature monitoring, and emergency stop functions.
Diesel water pumps play a crucial role in various industries by providing efficient and reliable water transfer capabilities. Their powerful diesel engines, pump assemblies, control systems, and durability make them well-suited for demanding environments where water movement is required.

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)	

参数表 Specifications

机组型号 Model		GETDP50	GETDP80	GETDP100	GETDP150
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)	50(2")	80(3")	100(4")	150(6")
额定流量 Discharge capacity	m³/h	30	60	110	150
最大扬程 Total head lift	m	35	39	32	28
自吸时间 Self-priming Time	s/min	90	120	180	180
最大吸程 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*400*640	660*400*655	660*470*790	774*574*785
净重 Dry weight	kg	44	50	71	90
柴油机型号 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	384	381
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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