

Diesel Engine High Pressure Water Pump

This 1.5-4 inch cast iron high pressure water pump is driven by an air-cooled diesel engine. The pump provides high lift, making it suitable for irrigation and washing applications.



ADDITIONAL IMAGES



Product Overview

High-Performance Diesel Water Pump

This 1.5-4 inch cast iron high-pressure water pump is driven by a robust air-cooled diesel engine, specifically designed for high-lift applications such as agricultural irrigation and industrial washing. Built with durable raw materials, it offers superior discharge pressure, high efficiency, and stable operation in demanding environments. It is a reliable solution for professional buyers in South America and beyond, particularly for fire fighting, car washing, and large-scale irrigation projects.

Performance Metrics

Key Performance Metrics

90 m

Max Head

120 m³/h

Max Flow Rate

10 bar

Max Pressure

8 m

Suction Height

Technical Specifications



Comprehensive range of diesel water pumps from 1.5 to 4 inches, featuring high-lift capabilities and cast iron construction.

Model Specifications Table

Model	Inlet/Outlet	Engine	Max Head	Capacity
DHP40	2" x 1.5"	4HP (DE170FE)	60m	18 m ³ /h
DHP50	2" x 2"	6HP (DE178FE)	75m	30 m ³ /h
DHP80	3" x 3"	10HP (DE186FE)	75m	42 m ³ /h
DHP100	4" x 3"	14HP (DE192FE)	42m	96 m ³ /h
DHP100A	4" x 4"	20HP (DE292FE)	50m	120 m ³ /h

Construction & Materials

Build Quality

- Pump Body: Heavy-duty Cast Iron
- Impeller: Durable Cast Iron
- Shaft: High-strength Steel
- Mechanical Seal: Ceramic steatite / metalized carbon

Operating Conditions

Operating Limitations

- Maximum ambient temperature: 40°C
- Maximum fluid temperature: 40°C
- Duty Cycle: Continuously rated
- Protection Class: IP44 / IP54

Engine Details

Engine Features

Air-Cooled, Diesel Powered, Electric Start, High Torque, Fuel Efficient

Applications

Recommended Applications

Agricultural Irrigation • Car Washing • Fire Fighting • Construction Dewatering • Emergency Water Supply