

Self-Priming Centrifugal Water Pump, 2 inch Diameter

This self-priming centrifugal water pump is designed for efficient water transfer in agricultural and industrial applications. Featuring a robust cast iron construction, this pump is capable of handling clear and slightly dirty water.



Overview

High-Performance Self-Priming Solution

This 2-inch self-priming centrifugal water pump is engineered for efficient water transfer in demanding agricultural and industrial environments. Featuring a robust cast iron construction, it is capable of handling both clear and slightly dirty water with ease. The belt-driven design and self-priming capability ensure reliable operation and quick start-up without the need for manual priming, making it ideal for irrigation and drainage tasks.

Performance Metrics

Key Performance Indicators

15 m³/h

Flow Rate

45 m

Total Head

7 m

Suction Lift

Technical Specifications

Inlet/Outlet Diameter	2 inch
Rated Speed	2700 r/min
Shaft Power	3.61 KW
Matching Power	4.41 KW (6 HP)
Pump Efficiency	51 %

Operational Details

Drive System

Belt Driven

Self-Priming Performance

60 seconds for 5 meters

Applications

Recommended Use Cases

- Agricultural Irrigation
- Industrial Water Transfer
- Drainage Operations
- General Clear Water Pumping
- Slightly Dirty Water Handling

Construction

Design Features

Cast Iron Construction, Durable Impeller, Stable Mounting Base, Convenient Discharge Port