

# Self-Priming Centrifugal Water Pump with 3-Inch Diameter

This self-priming centrifugal water pump is designed for efficient water transfer. Featuring a robust construction, this pump is suitable for handling clean and slightly dirty water.



## Overview

### High-Efficiency Self-Priming Solution

This self-priming centrifugal water pump is engineered for reliable water transfer in demanding environments. Featuring a robust 3-inch diameter design, it offers excellent flow rates and suction capabilities, making it ideal for irrigation, drainage, and general industrial water management. Its efficient design ensures quick start-up times and consistent performance under load.

## Performance Metrics

### Flow Rate

**48 m<sup>3</sup>/H**

Traffic Capacity

Head Height	40 m
Suction Lift	6.5 m

## Technical Specifications

Inlet/Outlet Diameter	3 inch
Operating Speed	2900 r/min
Pump Efficiency	52 %

## Power Requirements

Shaft Power	8.44 KW
Recommended Power Set	11.03 KW
Horsepower Rating	15 HP

## Operational Features

Self-Priming Performance	62 seconds for 5 meters
Construction Materials	Cast Iron Volute, Cast Iron Impeller