

# Single Impeller Centrifugal Water Pump

This single impeller centrifugal pump delivers high flow rates smoothly without pulsation. It is designed for use with clean water or non-aggressive liquids containing small solid impurities, making it suitable for irrigation, agriculture, and industrial applications.



## Overview

### Single Impeller Centrifugal Pump

This single impeller centrifugal water pump is engineered for reliable performance in industrial, agricultural, and domestic water systems. Built with a robust cast iron body and a heavy-duty continuous work motor, it is designed for longevity and consistent operation. The pump features versatile material options and efficient external ventilation, making it a dependable solution for various fluid transfer requirements.

## Operating Conditions

Max Liquid Temperature	60
Max Ambient Temperature	40
Total Suction Lift	9 m

## Construction Materials

Pump Body	Cast Iron
Impeller Material	Brass
Mechanical Seal Components	Carbon, Ceramic, Stainless Steel

## Motor Specifications

Insulation Class Class B • Class F	
Protection Class IP44 • IP54	
Motor Type	Single Phase Heavy Duty Continuous Work
Motor Housing	Aluminum
Shaft Material	Carbon Steel, Stainless Steel
Cooling System	External Ventilation