

# Single-Stage Centrifugal Water Pump

This single-stage centrifugal pump is designed for fluid transfer applications. It features a cast iron pump body and impeller, driven by a TEFC electric motor.



## Product Overview

### Reliable Water Distribution

This single-stage centrifugal pump is engineered for handling clean water in both domestic and civil applications. It offers a robust cast iron construction and is designed for quiet, maintenance-free operation. With stable characteristic curves and built-in thermal overload protection, it ensures consistent performance for tasks such as garden irrigation and water transfer.

## Performance Metrics

### Maximum Flow Rate

**158 L/min**

Max Flow Rate

### Maximum Head

**22 m**

Max Head

### Power Rating

**0.55 kW**

Power

**0.75 HP**

Power

## Technical Specifications

### Electrical Data

Parameter	Value
Voltage	220V
Frequency	50 Hz
Speed	2850 R.P.M
Insulation Class	F

### Construction Materials

- Cast iron pump body
- Stainless steel pump body cover
- Brass impeller (centrifugal radial flow)
- Hi-Cr plated 45# steel shaft

### Key Features

IP44 Protection, Thermal Overload Protection, Mechanical Seal (Graphite/Ceramic), Maintenance-Free