

# Agriculture Water Pump

This agriculture water pump is a self-priming centrifugal pump designed for irrigation applications. The robust pump features a cast iron construction for durability and efficient water transfer.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Centrifugal Pump

The 50ZB-50 is a single-stage centrifugal pump engineered for reliable water transfer in agricultural and industrial settings. Designed for durability and ease of maintenance, this unit supports various applications including irrigation for farms, orchards, and nurseries, as well as urban drainage systems. It offers versatile power options, allowing users to connect it to either a diesel or electric engine via a pulley drive system.

## Technical Specifications

Model Number	50ZB-50
Pump Type	Single-stage centrifugal
Drive Type	Pulley belt drive
Max Medium Temperature	176 °C
Max Bearing Temperature	75 °C

## Applications & Usage

### Compatible Power Sources

- Diesel Engine
- Electric Engine

Primary Applications	Farmland Irrigation, Orchards, Vegetable Farms, Nursery Gardens, Urban Construction, Factory Drainage, Mining
----------------------	---

## Maintenance & Safety

### Key Safety Guidelines

- Do not exceed standard rotation speed
- Drain water during winter to prevent frost damage
- Stop engine immediately if abnormal noise or vibration occurs
- Ensure stable chassis mounting for direct coupled units

### Maintenance Interval

Clean bearings and exchange wear parts every 1000 operating hours