

# Self-Priming Centrifugal Pump for Irrigation

This self-priming centrifugal pump is designed for agricultural drainage and irrigation applications. Its centrifugal design ensures a steady flow rate, making it suitable for diverse agricultural needs.



## Product Overview

### Efficient Agricultural Water Management

The 50BPZ-35 is a robust self-priming centrifugal pump specifically engineered for demanding agricultural drainage and irrigation applications. Its advanced self-priming design eliminates the need for manual priming, ensuring quick startup and reliable water transfer in various environments. Built for durability, this pump provides a steady flow rate, making it an essential tool for diverse farming and irrigation needs.

## Performance Metrics

### Performance Highlights

**14 m<sup>3</sup>/h**  
Flow Rate

**35 m**  
Total Head

**8 m**  
Suction Lift

## Technical Specifications

|                          |            |
|--------------------------|------------|
| Inlet/Outlet Diameter    | 2 inch     |
| Rotational Speed         | 2900 r/min |
| Pump Efficiency          | 52 %       |
| Self-Priming Performance | 60 s / 5 m |

## Power Configuration

|                    |         |
|--------------------|---------|
| Shaft Power        | 2.57 kw |
| Complete Set Power | 2.94 kw |
| Horsepower         | 4 HP    |

## Application Areas

|                 |   |
|-----------------|---|
| Recommended Use | Agricultural Irrigation, Drainage, Water Transfer, Self-Priming |
|-----------------|---|