

# Self-Priming Peripheral Water Pump

This self-priming pump is designed for pumping clean water and non-chemically aggressive fluids. Suitable for domestic applications, it is reliable, economical, and easy to use for automatic water distribution from small to medium-sized surge tanks and watering gardens.



## Overview

### Reliable Self-Priming Performance

The JSW series self-priming pumps are engineered for efficient water distribution in domestic and light commercial applications. Designed to handle clean water and non-chemically aggressive fluids, these units feature high tolerance for entrained air and maintain stable operating curves even under varying delivery demands. Their robust construction and reliable suction capacity make them an ideal choice for surge tank systems and garden irrigation.

## Performance Metrics

### Key Performance Indicators

**80 l/min**

Max Flow Rate

**55 m**

Max Head

**9 m**

Max Suction Lift

### Model Performance Data

Model	Power (kW)	Power (HP)	Max Head (m)
JSW/10M	0.75	1	46
JSW/15M	1.1	1.5	55

## Construction & Materials

### Build Materials

- Cast iron pump body
- Stainless steel pump body cover
- Brass impeller (centrifugal radial flow)
- Stainless steel shaft (Hi-Cr plated 45# steel for models <= 0.75kW)

### Mechanical Features

Mechanical seal (graphite to ceramic or SiC), Thermal overload protector, IP 44 Protection, NSK or local bearing options

## Operating Limits

### Temperature Limits

**40 °C**

Max Fluid Temp

**40 °C**

Max Ambient Temp

## Additional Information

Warranty

1 year (according to general sales conditions)