

# Self-Priming Vortex Water Pump

This self-priming vortex pump is designed for efficient fluid transfer in various applications. The pump's vortex impeller design allows it to handle fluids with solids and fibrous materials, making it suitable for dirty water and wastewater applications.



## Product Overview

### Professional Self-Priming Vortex Pump

This self-priming vortex pump is engineered for efficient fluid transfer in diverse environments. With a durable cast iron body and a specialized vortex impeller, it effectively handles wastewater and fluids containing solids or fibers. The inclusion of thermal overload protection and easy-access maintenance points ensures long-term operational reliability for irrigation, drainage, and industrial applications.

## Technical Specifications

|                         |       |
|-------------------------|-------|
| Fluid pH Range          | 6-8.5 |
| Max Fluid Temperature   | 40 oC |
| Max Ambient Temperature | 55 oC |
| Max Suction Lift        | 20 m  |

## Construction & Ratings

**Protection & Insulation**  
IP44 • Insulation Class B

### Bearing Components

- NSK
- C&U

### Key Materials

Brass Impeller, Stainless Steel Shaft, Cast Iron Body