

Self-Priming Waste Water Pump

This horizontal self-priming sewage pump is designed for waste water and liquids that contain solid grains or fibrous materials. It can achieve a suction height of up to 6.5 meters and is available in cast iron or stainless steel.



ADDITIONAL IMAGES



Product Overview

ZW Series Self-Priming Sewage Pump

The ZW series is a high-performance centrifugal pump designed for industrial and municipal wastewater management. By integrating self-priming capabilities with advanced non-clogging technology, it eliminates the need for foot valves or manual irrigation during startup. Its robust design allows for the efficient transport of fluids containing large solids and fibrous impurities.

Operating Limits

Temperature Tolerances

45 °C

Ambient Temperature

120 °C

Max Liquid Temperature

pH Compatibility

Material	pH Range
Cast Iron	6 - 9
Stainless Steel	1 - 14

Performance Specs

Handling Parameters

- Max particle diameter: 60% of pump caliber
- Max fiber length: 5 times pump caliber
- Impurity content: Max 15% by weight
- Max liquid density: 1240 kg/cm³

Application Suitability

Industry Applications

Municipal Sewage, Industrial Wastewater, Chemical Processing, Food Production, Papermaking, Textile Industry, Agricultural Irrigation