

# Industrial Centrifugal Pump

This centrifugal pump is engineered for efficient fluid transfer, providing consistent flow rates and pressure. Its durable construction and reliable sealing system ensure longevity and minimize downtime.



## ADDITIONAL IMAGES



## Overview

### Industrial Centrifugal Pump (PA Series)

The PA series end-suction centrifugal pump is engineered to meet international standards DIN 24255 and BS EN 733, ensuring reliable, long-lasting high performance for demanding industrial environments. Designed for versatility, this pump is suitable for applications ranging from water supply and irrigation to refrigeration and fire protection. Its robust construction features high-quality materials and Japanese-brand bearings, providing consistent fluid transfer and efficient operation.

## Performance Metrics

### Key Performance Indicators

**1100 m<sup>3</sup>/h**  
Max Capacity

**150 m**  
Max Head

**105 °C**  
Max Temperature

## Technical Specifications

### Connection Diameters

Connection	Size Range
Inlet	50~300 mm
Outlet	32~250 mm

Working Pressure	10 Bar (standard), 16 Bar (optional)
Operating Speeds	2900 rpm, 1450 rpm, 980 rpm, 740 rpm, 580 rpm, 3500 rpm, 1750 rpm, 1180 rpm, 890 rpm, 710 rpm

## Materials & Construction

### Component Materials

Component	Material
Casing	Cast iron
Impeller	Cast iron / Stainless steel 304 (standard), Duplex stainless (optional)
Shaft	Stainless steel 420 (standard), SUS304/316, Duplex steel (optional)
Wear Ring	Cast iron / Stainless steel

## Applications

### Typical Applications

- Cooling water systems
- Water supply and distribution
- Fire protection
- Irrigation
- Pressure boosting
- Fluid circulation
- Refrigeration