

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 m³/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