



AJAY ENGINEERS

Powering Industries Since 1983

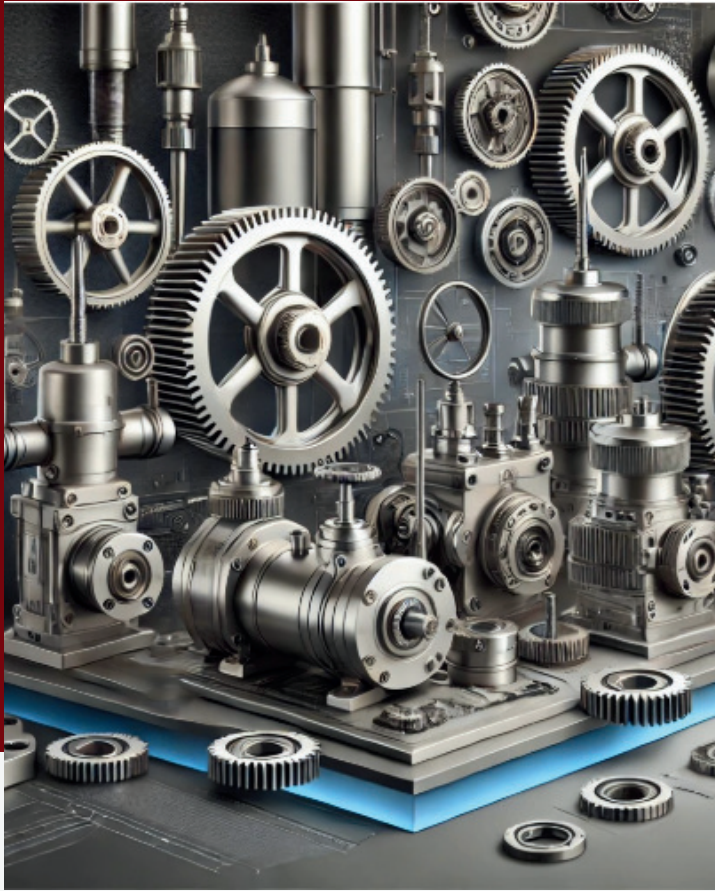
Ajay Engineers has been delivering trusted flow solutions for over four decades. Backed by ISO & CE certifications, our expertise fuels global industries with unmatched precision, performance, and reliability.

More info

www.ajayengineers.com

Call us

+91 98251 92099



ABOUT US

Manufacturer | Supplier | Exporter of Centrifugal Pumps

Introduction

Established in 1983, Ajay Engineers has been a trusted name in delivering precision-engineered fluid transfer solutions from our state-of-the-art facility in Kathwada, Ahmedabad, Gujarat, INDIA.

Backed by a team of qualified hydraulic and mechanical engineers, we design and develop customized Centrifugal Pumps and A.C. induction motors to match specific industry needs. Our expertise ensures reliable performance, durability, and efficiency — making us a preferred partner for clients worldwide.

We proudly serve a wide range of sectors with a focus on:

- ⚙️ Quality manufacturing
- ⚙️ Application-based product design
- ⚙️ Long-term client satisfaction



Our Vision

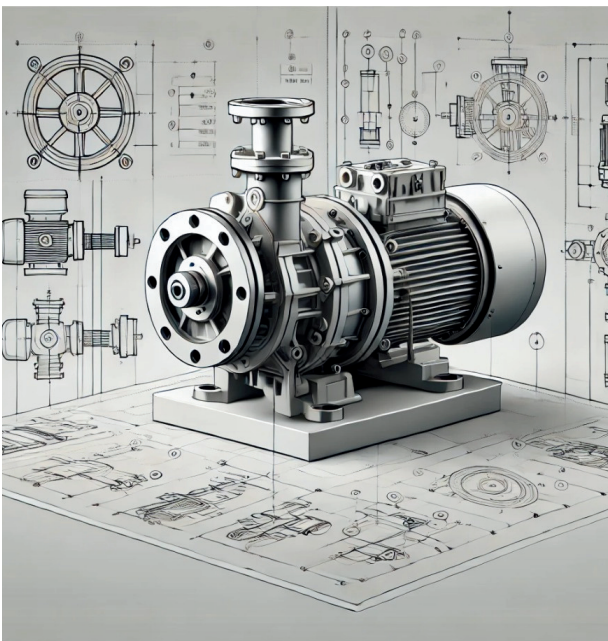
To remain the most trusted source of reliable fluid transfer across the globe.








Our Mission

To deliver total customer satisfaction by offering high-quality products and services to the manufacturing and export industry at a fair price with integrity, innovation, and excellence.



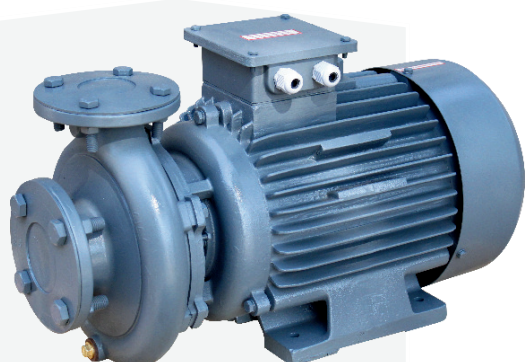
Our Goals



-  Exceed expectations of current customers with performance and support
-  Expand capabilities to serve new customers and industries
-  Regularly train and upskill our team for continued growth
-  Maintain strong, long-term stakeholder relationships
-  Minimize defects through quality control and process improvements
-  Protect the environment through sustainable practices
-  Provide a healthy and safe working environment for all employees

CENTRIFUGAL MONOBLOCK PUMP SETS

(Type : PH)



Design Features

- Horizontal, Centrifugal, Monoblock (pump & motor have been combined to form a single unit) type pump fitted with single stage closed Impeller in Volute Casing having axial end suction and vertical centerline delivery.
- Advantage of mounting space saving due to elimination of base plate, coupling and coupling guard.
- No fear of motor burning due to wide operating voltage range and Non-overloading power characteristics at any operating point.

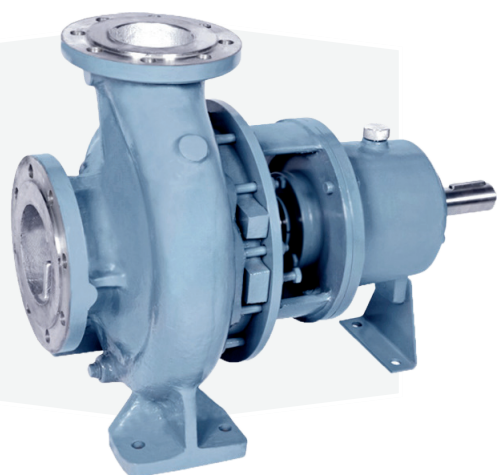
Applications

- Solar Photovoltaic Surface Pump (AC)
- Industrial usage such as Cooling, Heating, Circulating, Boosting, Refrigeration, Air Conditioning and Cold Storage systems.
- Agriculture usage such as General Irrigation, Sprinkler Irrigation and De-watering systems.
- Civil usage such as water supply schemes for Buildings, Hotels and Commercial Complexes.
- To handle clean as well as moderately aggressive liquids.

Operating Data

Head Range	up to 90 meter
Capacity Range	up to 5000 lpm
Sealing Arrangement	Mechanical Seal
Operating Temperature	up to 70°C
Rating	0.75 kW to 37 kW (2 Pole)
Supply System	3 Ø - 380 / 400 / 415 / 440 / 480 Volts - 50 / 60 Hz - A.C.
Insulation	Class B / F
Protection	IP 44 / IP 55
Enclosure	Totally Enclosed Fan Cooled (TEFC)
Rotor Type	Squirrel Cage Rotor (SCR)
Operational Duty	S1
M.O.C.	Grey Cast Iron, Cast Bronze, Stainless Steel 316 / 304
Custom-built Design	Motors with different supply voltage and supply frequency can be offered on request

END SUCTION CENTRIFUGAL PROCESS PUMPS (Type : APP)



Design Features

- Horizontal Centrifugal, Back-Pull-Out type pump fitted with single stage closed Impeller in foot mounted Volute Casing having axial end suction and vertical centerline delivery.
- Designed to confirm DIN 24256 / ISO 2858 / API 610 (in general).

Applications

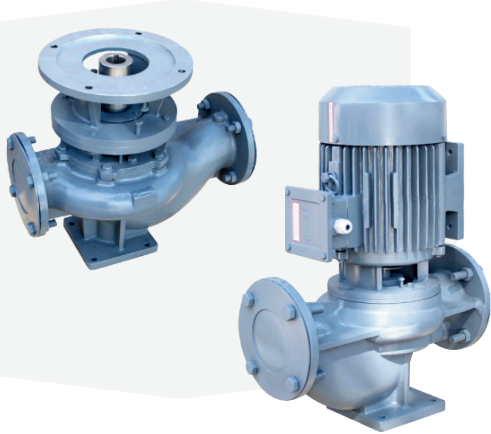
- To handle Hydrocarbons, Volatile Liquids, Thermic Fluids and Corrosives in Chemical / Petrochemical / Fertilizer / Sugar / Paper and other Process Industries.

Operating Data

Operating Range	Speed	Head	Discharge
	1450 RPM	up to 60 meter	up to 350 m ³ /hr
	2900 RPM	up to 150 meter	up to 380 m ³ /hr
Sealing Arrangement	Mechanical Seal / Gland Packing		
Operating Temperature	up to 300°C		
Operational Duty	S1		
M.O.C.	Grey Cast Iron, Cast Bronze, Stainless Steel 316 / 304, Cast Steel, Alloy 20, Ni-Hard Cast Iron		
Custom-built Design	Pumps with different operating speed & temperature can be offered on request		

VERTICAL IN-LINE CENTRIFUGAL PUMPS

(Type : ILPH / ILCC)



Design Features

- Vertical, Centrifugal, Monoblock type pump fitted with single stage closed Impeller in Volute Casing having In-Line suction and delivery.
- Can be made available in Close-Coupled design also.

Applications

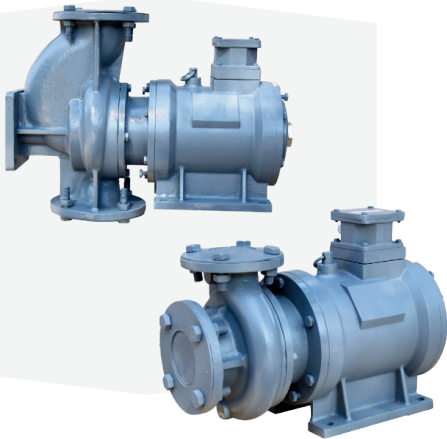
- Industrial usage such as Cooling, Heating, Circulating, Boosting, Refrigeration, Air Conditioning and Cold Storage systems.
- Agriculture usage such as General Irrigation, Sprinkler Irrigation and De-watering systems.
- Civil usage such as water supply schemes for Buildings, Hotels & Commercial Complexes.
- To handle clean as well as moderately aggressive liquids.

Operating Data

Head Range	up to 90 meter
Capacity Range	up to 5000 lpm
Sealing Arrangement	Mechanical Seal
Operating Temperature	up to 70°C
Rating	0.75 kW to 37 kW (2 Pole)
Supply System	3 Ø - 380 / 400 / 415 / 440 / 480 Volts - 50 / 60 Hz - A.C.
Insulation	Class B / F
Protection	IP 44 / IP 55
Enclosure	Totally Enclosed Fan Cooled (TEFC)
Rotor Type	Squirrel Cage Rotor (SCR)
Operational Duty	S1
M.O.C.	Grey Cast Iron, Cast Bronze, Stainless Steel 316 / 304
Custom-built Design	Motors with different supply voltage and supply frequency can be offered on request

TRANSFORMER OIL PUMPS

(Type : TO)



Design Features

- Centrifugal, Monoblock (Pump & Motor have been combined to form a single unit) type pump fitted with single stage closed Impeller in Volute Casing having axial end suction and vertical centerline delivery.
- Compact in design, can be arranged for Horizontal or Vertical mounting, totally enclosed and having no glands.
- Advantage of mounting space saving due to elimination of base plate, coupling and coupling guard.
- Can be made available in In-Line design also.

Applications

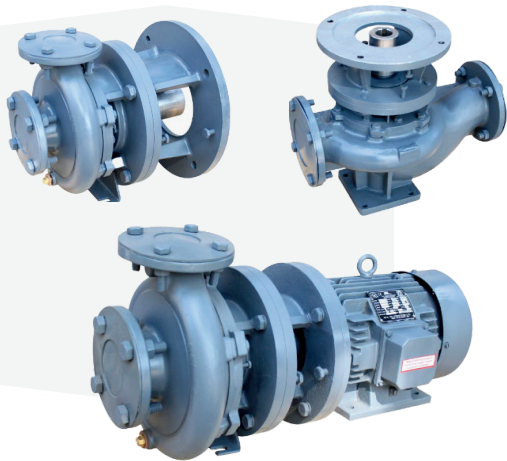
- **Power Transformer Application** : Suitable for circulating the transformer oil of oil-immersed transformers.
- **Traction Transformer Application** : Can be developed for Electric Multiple Units (EMU's) and Electric Locomotives.
- **Filter Application** : Used in transformer oil Filter machines.

Operating Data

Head Range	up to 22 meter
Capacity Range	up to 2000 lpm
Operating Temperature	up to 55°C
Rating	0.75 kW / 1.5 kW / 2.2 kW / 3.2 kW / 5.5 kW (2 Pole)
Supply System	3 Ø - 415 Volts - 50 Hz - AC
Insulation	Class B / F
Protection	IP 55
Enclosure	Totally Enclosed Oil Cooled
Rotor Type	Squirrel Cage Rotor (SCR)
Operational Duty	S1
M.O.C.	Grey Cast Iron, Cast Bronze
Custom-built Design	Motors with different supply voltage and supply frequency can be offered on request

CLOSE-COUPLED CENTRIFUGAL PUMPS

(Type : CCPH)



Design Features

- Horizontal, Centrifugal, Close-Coupled type pump fitted with single stage closed Impeller in Volute Casing having axial end suction and vertical centerline delivery.
- In-corporating Back-Pull-Out facility.

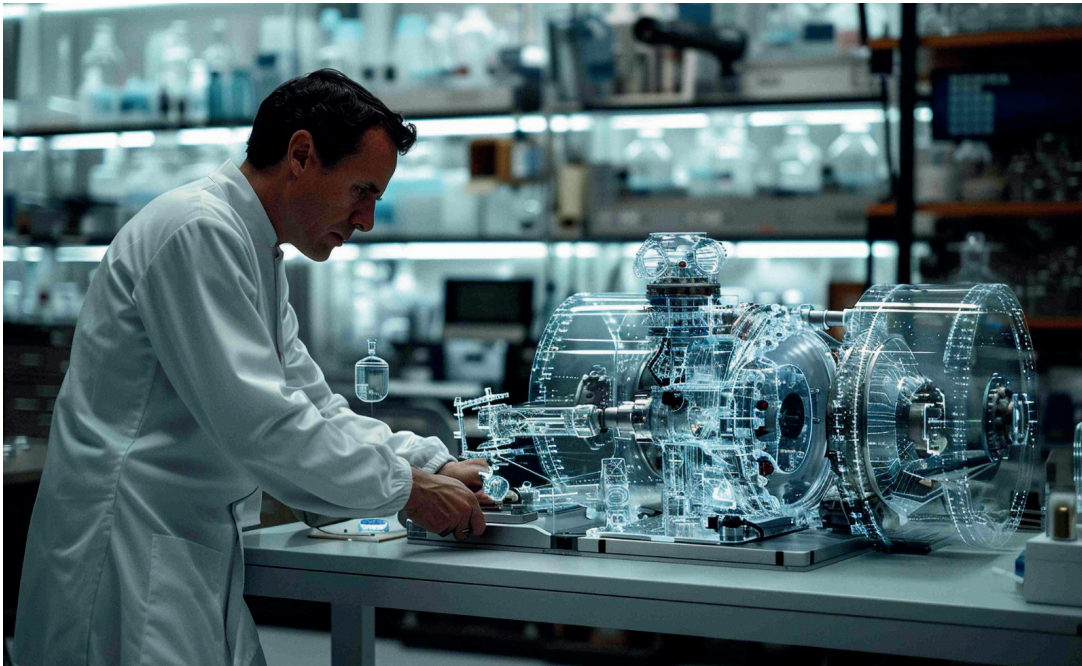
Applications

- Industrial usage such as Cooling, Heating, Circulating, Boosting, Refrigeration, Air Conditioning and Cold Storage systems.
- Agriculture usage such as General Irrigation, Sprinkler Irrigation and De-watering systems.
- Civil usage such as water supply schemes for Buildings, Hotels and Commercial Complexes.
- To handle clean as well as moderately aggressive liquids.

Operating Data

Head Range	up to 90 meter
Capacity Range	up to 5000 lpm
Sealing Arrangement	Mechanical Seal
Operating Temperature	up to 90°C
Power at Shaft	0.75 kW to 37 kW (2 Pole)
Operating Speed	2900 RPM / 3500 RPM
Operational Duty	S1
M.O.C.	Grey Cast Iron, Cast Bronze, Stainless Steel 316 / 304
Custom-built Design	Pumps with different operating speed and temperature can be offered on request

Contact us



Important:

- Pumps can be offered with specific requirement of performance and design other than mentioned in this catalogue.
- Please contact the supplier or manufacturer for the pumps required for different speed / frequency and supply voltage.
- As improvements are made to achieve better performance of product from time to time, the information / specifications in this manual are subject to change without prior notice.
- For latest information and performance chart of pumps, you may get in touch with our office.



Plot No. 269, Phase-I, Opp. Road Number 4, G.I.D.C. Estate, Kathwada, Ahmedabad-382 430. (Gujarat) INDIA



+91 92277 92099 | +91 91060 24454



contact@ajayengineers.com | sales@ajayengineers.com



www.ajayengineers.com