

Go Green And Get Our Globe Clean



AJAY ENGINEERS



COMPANY PROFILE

Ajay Engineers Manufacture, Supplier and Exporter of Centrifugal Pumps and A.C. Induction Motors of various specifications. The company was incorporated in 1983 and established its state-of-the-art manufacturing facility at Kathwada, Ahmedabad, Gujarat, India.

“We are a team of qualified engineers, having vast experience in design, development and manufacturing of centrifugal pumps. Since we are hydraulic as well mechanical design engineers, we are in a position to develop customized products according to customer’s requirement and application.”

The company’s products are being well accepted by the Original Equipment Manufacturers (OEMs) in Indian business houses. **Ajay Engineers** is seeing unprecedented growth and acceptance of its entire range of products contributing factors to this growth include having the customized design, reputation for best quality products and prompt customer support. The company is also committed for achieving Environment, Health and Safety (EHS) excellence in all its business activities, products and services.

Vision

Retain to be most trusted

“Source of reliable fluid transfer” across the globe.

Mission

Total Customer Satisfaction.

Our mission is to provide total customer satisfaction by serving the manufacturing and exporting industry honorably and providing products and services of superior quality at a fair price.

Goal

- To satisfy existing customers by meeting and exceeding their expectations.
- To develop new customers & enhance plant capability to satisfy them.
- To train and motivate employees on continual basis.
- To maintain healthy relations with all stake holders.
- To reduce defects at best possible extent.
- To be a good environmental steward; preserving and protecting natural resources and practicing pollution prevention.
- To be a responsible neighbor and employer; committed to provide healthy and safe work environment.



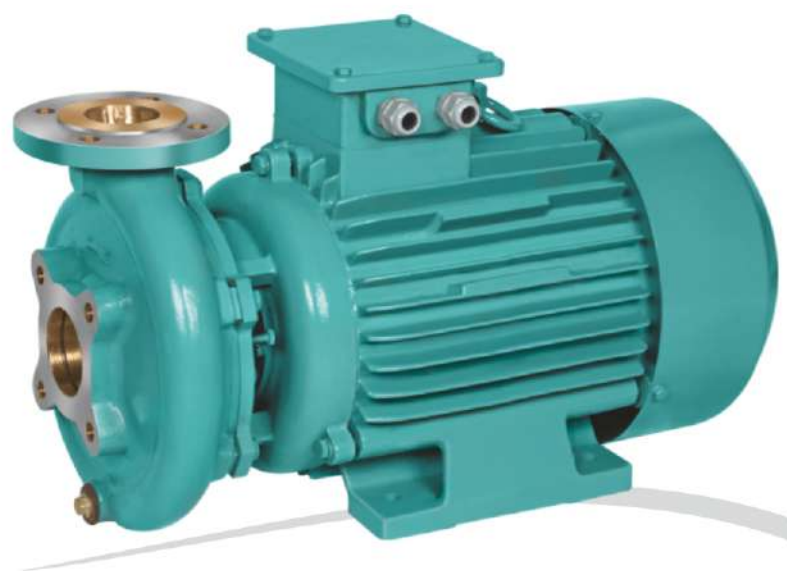


CENTRIFUGAL MONOBLOCK PUMP SETS

(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.
- No fear of motor burning due to wide operating voltage range and Non-overloading power characteristics at any operating point.
- Advantage of mounting space saving due to elimination of base plate, coupling and coupling guard.

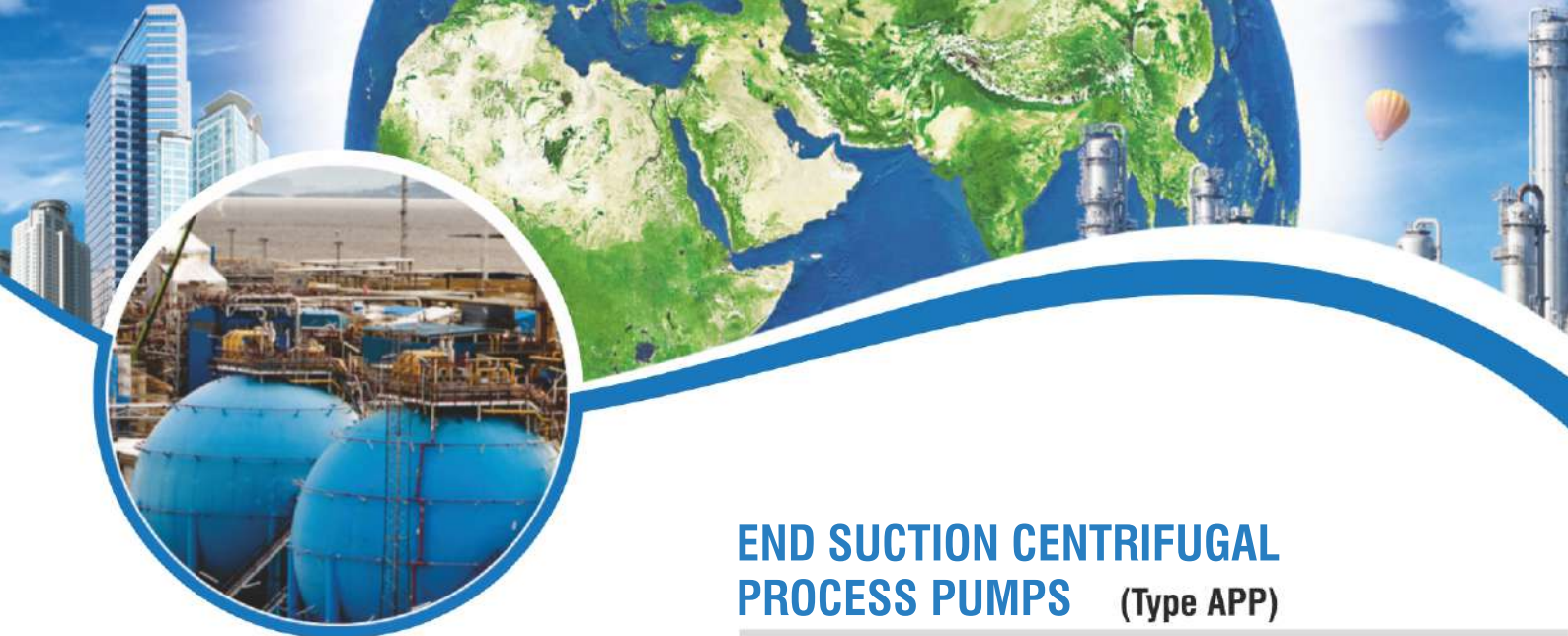


Applications

- Industrial usage such as Cooling, Heating, Circulating, Boosting, Air Conditioning, Refrigeration 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 88 meter
Capacity Range	up to 4000 lpm
Sealing Arrangement	Mechanical Seal / Gland Packing
Operating Temperature	up to 70° C
Rating	0.75 kW to 22.5 kW (2 Pole)
Supply System	3 Ø - 380 / 415 Volts - 50 / 60 Hz - AC
Insulation	Class B / F
Protection	IP 44 / 55
Enclosure	Totally Enclosed Fan Cooled (TEFC)
Rotor Type	Squirrel Cage Rotor (SCR)
Operational Duty	S1
M.O.C.	Grey Cast Iron, 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).

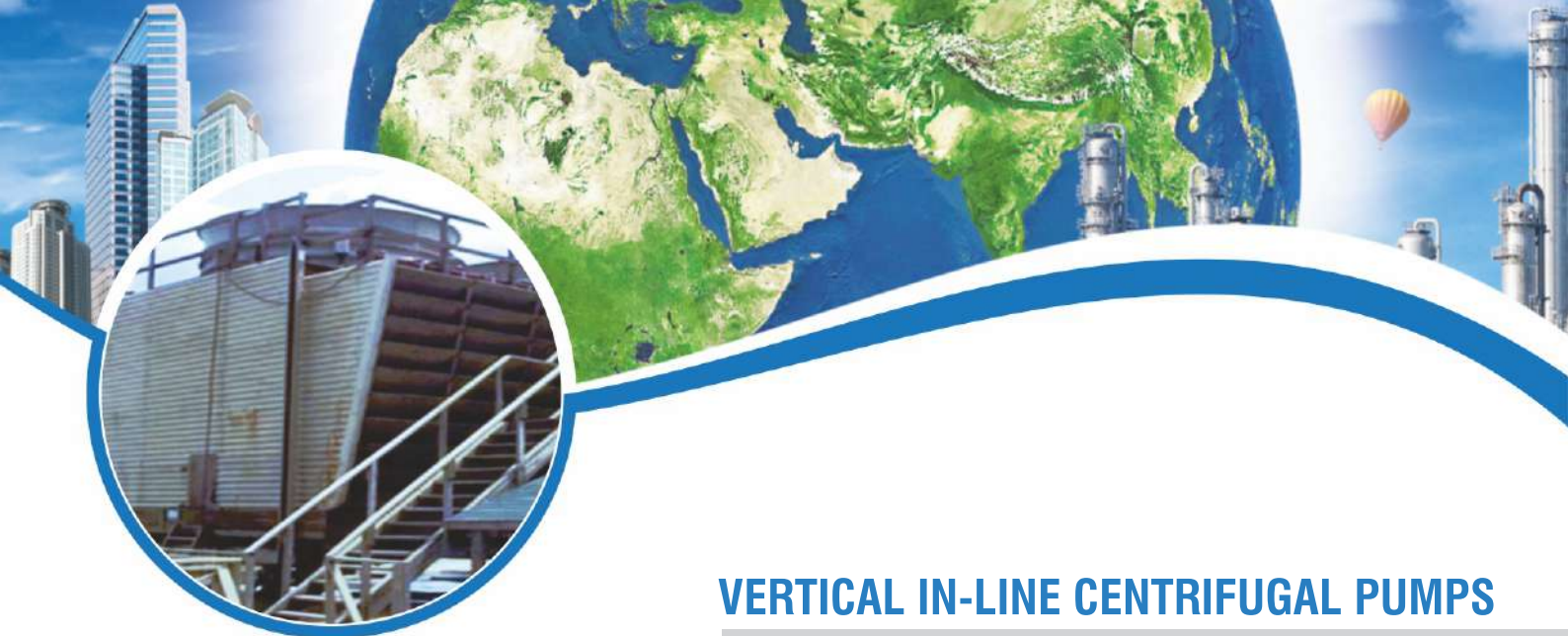


Applications

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

Operating Data

	Speed	Head	Discharge
Operating Range	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, 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)

Design Features

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



Applications

- Industrial usage such as Cooling, Heating, Circulating, Boosting, Air Conditioning, Refrigeration 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 45 meter
Capacity Range	up to 2000 lpm
Sealing Arrangement	Mechanical Seal
Operating Temperature	up to 70° C
Rating	0.75 kW to 15 kW (2 Pole)
Supply System	3 Ø - 380 / 415 Volts - 50 / 60 Hz - AC
Insulation	Class B / F
Protection	IP 44 / 55
Enclosure	Totally Enclosed Fan Cooled (TEFC)
Rotor Type	Squirrel Cage Rotor (SCR)
Operational Duty	S1
M.O.C.	Grey Cast Iron, Bronze, Stainless Steel 316 / 304
Custom-built Design	Motors with different supply voltage and supply frequency can be offered on request.

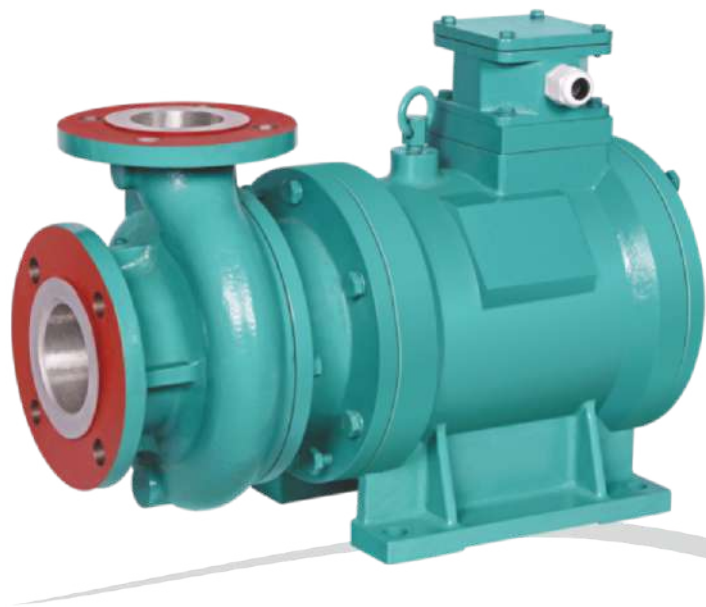


TRANSFORMER OIL PUMPS

(Type T0)

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

- Suitable for circulating the coolant (i.e. transformer oil) of oil-immersed transformers.

Operating Data

Head Range	up to 22 meter
Capacity Range	up to 2000 lpm
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, Bronze
Custom-built Design	Motors with different supply voltage and supply frequency can be offered on request.

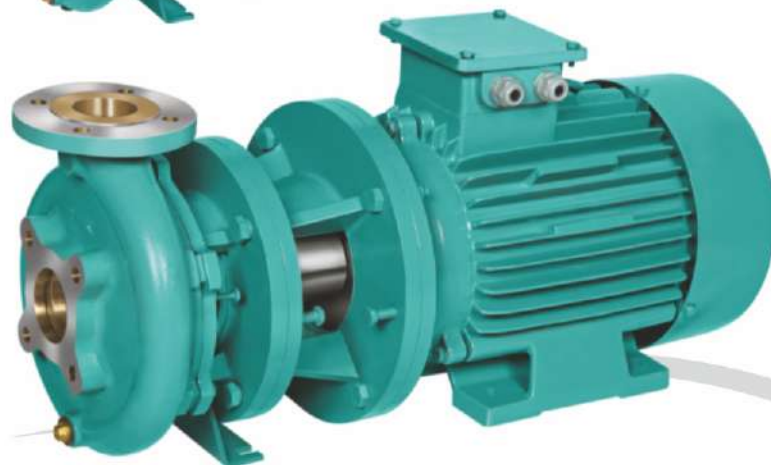


CLOSE-COUPLED CENTRIFUGAL PUMPS

(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, Air Conditioning, Refrigeration 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 88 meter
Capacity Range	up to 4000 lpm
Sealing Arrangement	Mechanical Seal
Operating Temperature	up to 90° C
Power at Shaft	up to 22.5 kW
Operating Speed	2900 RPM / 3500 RPM
Operational Duty	S1
M.O.C.	Grey Cast Iron, Bronze, Stainless Steel 316 / 304
Custom-built Design	Pumps with different operating speed and temperature can be offered on request.



CENTRIFUGAL PUMPS

(Type CPPH)

Design Features

- Horizontal, Centrifugal, Free Shaft Extension 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

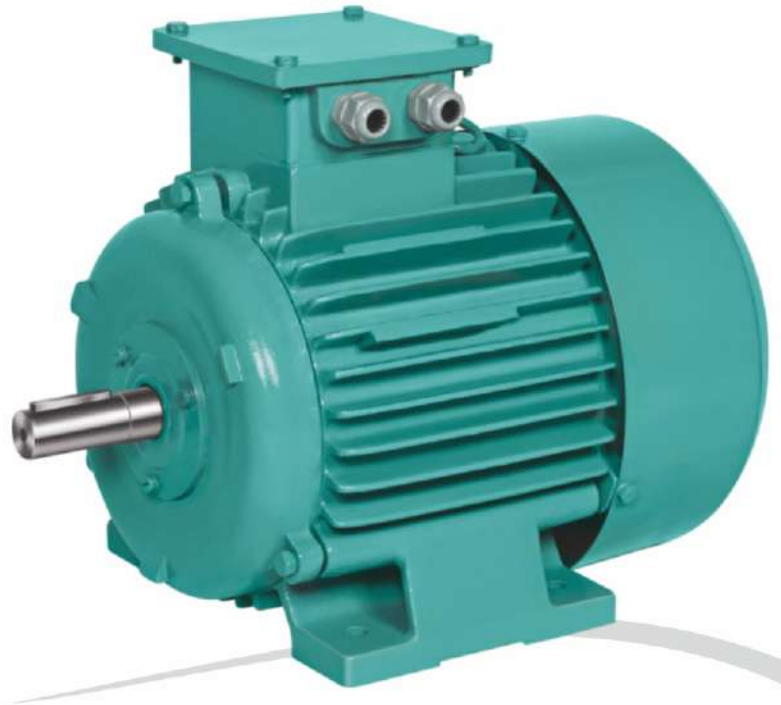
- Industrial usage such as Cooling, Heating, Circulating, Boosting, Air Conditioning, Refrigeration and Cold Storage systems.
- Agriculture usage such as General Irrigation, Sprinkler Irrigation and De-watering systems.
- Civil usage such as water supply schemes for Buildings, Hotels and Commercial Complexes.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

Operating Data

Head Range	up to 88 meter
Capacity Range	up to 4000 lpm
Sealing Arrangement	Mechanical Seal / Gland Packing
Operating Temperature	up to 105° C
Power at Shaft	up to 22.5 kW
Operating Speed	2900 RPM / 3500 RPM
Operational Duty	S1
M.O.C.	Grey Cast Iron, Bronze, Stainless Steel 316 / 304
Custom-built Design	Pumps with different operating speed and temperature can be offered on request.



A. C. INDUCTION MOTORS



Applications

- Pumps, Compressors, Fans, Blowers and General Industries
- Machine Tools, Plastic and Textile Machineries
- Cement, Steel, Fertilizer Plants, Flour, Paper, Oil Mills

Operating Data

Frame Size	63 to 180L
Rating	0.18 kW to 22.5 kW (2, 4, 6, 8 Pole)
Supply System	3 Ø - 380 / 415 Volts - 50 / 60 Hz - AC
Mounting	B3, B5, B14 & Combination
Insulation	Class B / F
Protection	IP 44 / 55
Enclosure	Totally Enclosed Fan Cooled (TEFC)
Rotor Type	Squirrel Cage Rotor (SCR)
Operational Duty	S1
Custom-built Design	Motors with dual speed and different supply voltage, supply frequency & ambient temperature can be offered on request.

Scan QR code for more detail



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.



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