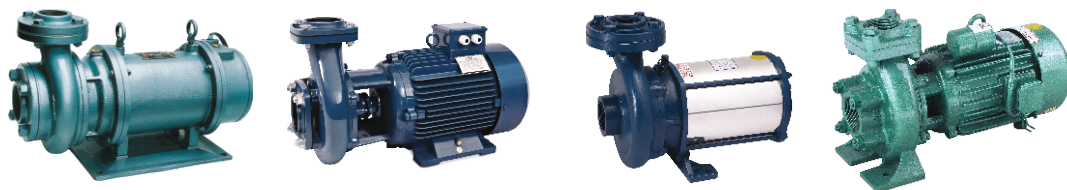


# EMSON

PUMPS & MOTORS



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## PUMPS & MOTORS

Emson Pumps emerged as a pioneering force in the submersible industry, driven by the seasoned expertise of its director, who boasts an impressive 15 years of invaluable experience. With a commitment to innovation and reliability, Emson Pumps sets itself apart as a brand dedicated to exceeding customer expectations. Our journey is fueled by a passion for excellence and a deep understanding of the market, ensuring that every product we delivery reflects good quality and performance.

We are capable of delivering products bearing ISI mark in more than 250 models across our product range. AS we embark on this exciting venture, we look forward to shaping the future of the submersible industry and forging lasting partnerships built on trust and satisfactions with our customers.

## 4" Submersible Pumpset-Water & Oil Filled



### Salient Features

- ▶ Wet type, water & Oil cooled rewindable motors
- ▶ High operating efficiency & low power bills
- ▶ Most of the models have ISI marks
- ▶ Light weight & Noiseless operation
- ▶ Withstand wide voltage fluctuation

### Application

- ▶ Private / Public water supply
- ▶ Flow / Drip / Sprinkler irrigation
- ▶ Bungalows, Apartments, Industrial & Civil water supply

Range	Water Filled		Oil Filled	
Suitable for borewell size	4" & above	4" & above	4" & above	4" & above
Phase	Single	Three	Single	Three
Head in Mtr.	4 to 268	4 to 388	3 to 195	3 to 210
Discharge in LPM	16 to 455	17 to 455	13 to 375	17 to 375
HP	0.5 to 3	0.75 to 7.5	0.5 to 3	0.75 to 5
Stage	7 to 35	2 to 55	4 to 44	5 to 45

## 6" Junior Submersible Pumpset



**V5 CI Pumps**

**V5 SS  
High Head Pump**

### Salient Features

- ▶ Accredited with ISO certificate
- ▶ Wet type, water cooled rewindable motors
- ▶ Withstands wide voltage fluctuations
- ▶ Most of the models have ISI marks
- ▶ Available with stainless steel & bronze MOC
- ▶ Long life due to sturdy construction

### Application

- ▶ Field Irrigation
- ▶ Flow / Drip / Sprinkler irrigation
- ▶ High-rise buildings, Farmhouses & Fountains
- ▶ Pvt / Public water supply & Firefighting

Range	V5 CI Pumps	V5 SS Pumps
Suitable for borewell size	5" & above	5" & above
Phase	Single & Three	Single & Three
Head in Mtr.	10 to 160	12 to 495
Discharge in LPM	90 to 620	20 to 385
HP	2 to 10	3 to 10
Stage	2 to 20	3 to 45



## 6" Submersible Pumpset



### Salient Features

- ▶ Accredited with ISO certificate
- ▶ Wet type, water cooled rewindable motors
- ▶ Withstands wide voltage fluctuations
- ▶ Most of the models have ISI marks
- ▶ Available with stainless steel
- ▶ Long life due to sturdy construction
- ▶ High Discharge & High Efficiency

### Application

- ▶ Field Irrigation
- ▶ Private / Public water supply
- ▶ Flow / Drip / Sprinkler irrigation
- ▶ High rise buildings, Farmhouses & Fountains
- ▶ Pvt / Public water supply & Firefighting

### Range

Suitable for borewell size	6" & above
Phase	Three Phase
Head in Mtr.	10 to 420
Discharge in LPM	70 to 1250
HP	3 to 30
Stage	2 to 40

## 6" High Head Submersible Pumpset



### Salient Features

- ▶ Accredited with ISO certificate
- ▶ High head & high efficiency
- ▶ Lower power consumption & Noiseless operation
- ▶ Available in Radial flow and Mixed flow
- ▶ Long life due to sturdy construction

### Application

- ▶ Field irrigation
- ▶ Industrial water supply
- ▶ Drinking water supply
- ▶ Farm house & Fountains
- ▶ Flow / Drip / Sprinkler Irrigation

#### Range

Suitable for borewell size	6" & above
Phase	Three Phase
Head in Mtr.	4 to 400
Discharge in LPM	100 to 690
HP	3 to 30
Stage	2 to 30

## 6" High Head Submersible Pumpset



### Salient Features

- ▶ Accredited with ISO certificate
- ▶ High head & high efficiency
- ▶ Lower power consumption & Noiseless operation
- ▶ Available in Radial flow and Mixed flow
- ▶ Long life due to sturdy construction

### Application

- ▶ Field irrigation
- ▶ Industrial water supply
- ▶ Drinking water supply
- ▶ Farm house & Fountains
- ▶ Flow / Drip / Sprinkler Irrigation

#### Range

Suitable for borewell size	6" & above
Phase	Three Phase
Head in Mtr.	16 to 700
Discharge in LPM	50 to 670
HP	3 to 30
Stage	3 to 37

## 6" Motor / 7" & 8" Submersible Pump



### Salient Features

- ▶ Accredited with ISO certificate
- ▶ High efficiency
- ▶ Lower power consumption
- ▶ Special thrust bearing design
- ▶ Water filled
- ▶ Water lubricated
- ▶ Noiseless
- ▶ Easily rewindable

### Application

- ▶ Irrigation
- ▶ Drinking water supply
- ▶ Industrial water supply
- ▶ Farm house & Fountains

#### Range

Suitable for borewell size	6" & above
Phase	Three Phase
Head in Mtr.	20 to 90
Discharge in LPM	1100 to 1400
HP	6 to 30
Stage	2 to 10

## 8", 10" Submersible Pumpset



### Salient Features

- ▶ Wet type, water cooled rewindable motors
- ▶ Withstands wide voltage fluctuations
- ▶ Most of the models have ISI marks
- ▶ Available with stainless steel & bronze MOC
- ▶ Long life due to sturdy construction

### Application

- ▶ Field Irrigation
- ▶ Flow / Drip / Sprinkler irrigation
- ▶ Pvt / Public water supply & Firefighting

### Range

Suitable for borewell size	8" & above	10" & above
Phase	Three Phase	Three Phase
Head in Mtr.	8 to 326	4 to 290
Discharge in LPM	250 to 3000	50 to 4000
HP	7.5 to 75	15 to 125
Stage	1 to 16	1 to 13



# Openwell Vertical



## Salient Features

- ▶ Accredited with ISO certificate
- ▶ High Efficiency
- ▶ Lower power consumption
- ▶ Noisless Operation
- ▶ No need of pump house
- ▶ Easily Rewindable
- ▶ Easy installation

## Application

- ▶ Irrigation
- ▶ Sprinkler and drip Irrigation systems
- ▶ Pressure Boosting Systems
- ▶ Industrial and civil water supply
- ▶ For Garden, fountains, High head and High Discharge applications

### Range

Phase	Three Phase
Head in Mtr.	10 to 144
Discharge in LPM	100 to 1650
HP	5 to 20
Stage	2 to 8



# Horizontal Openwell 3 Phase



## Salient Features

- ▶ Accredited with ISO certificate
- ▶ Most of the models with ISI mark
- ▶ Available with Stainless Steel & Bronze MOC
- ▶ Optimum head & discharge with lower power consumption
- ▶ Withstands wide voltage fluctuations

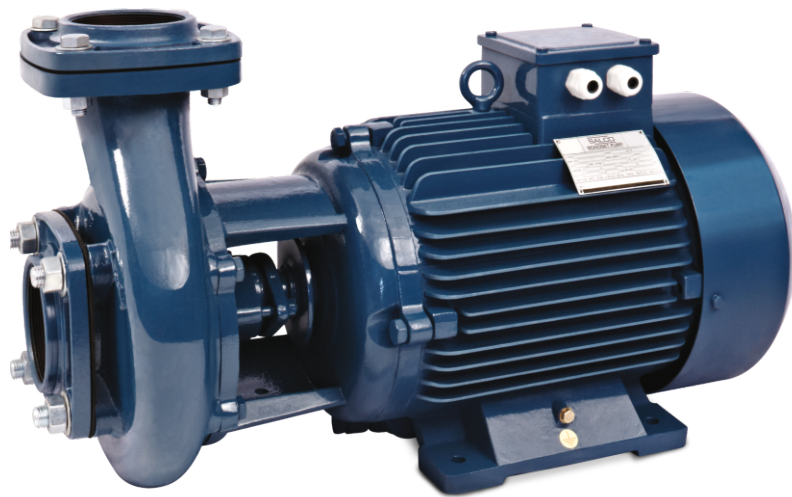
## Application

- ▶ Water supply system
- ▶ Pressure boosting
- ▶ Cooling towers
- ▶ Flow / Drip / Sprinkler irrigation

### Range

Phase	Three Phase
Head in Mtr.	8 to 70
Discharge in LPM	130 to 3250
HP	2 to 30
Size	2"x 1.5" to 4"x 4"

## Monoblock 3 Phase



### Salient Features

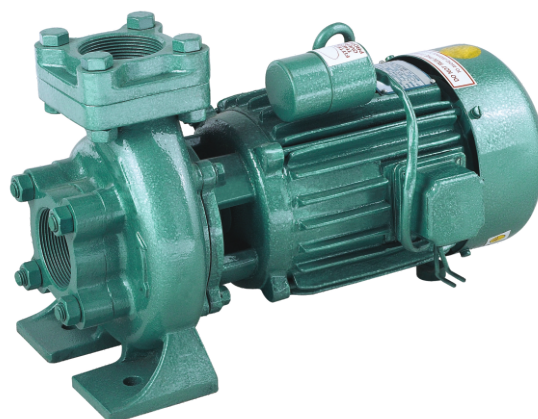
- ▶ Accredited with ISO certificate
- ▶ Most of the models with ISI mark
- ▶ Available with Stainless Steel & Bronze MOC
- ▶ Optimum head & discharge with lower power consumption
- ▶ Withstands wide voltage fluctuations

### Application

- ▶ Water supply system
- ▶ Pressure boosting
- ▶ Cooling towers
- ▶ Flow / Drip / Sprinkler irrigation

Range	
Phase	Three Phase
Head in Mtr.	8 to 70
Discharge in LPM	115 to 2010
HP	3.00 to 20.00
Size	2"x1.5" to 4"x4"

## Horizontal & Monoblock Single Phase



### Salient Features

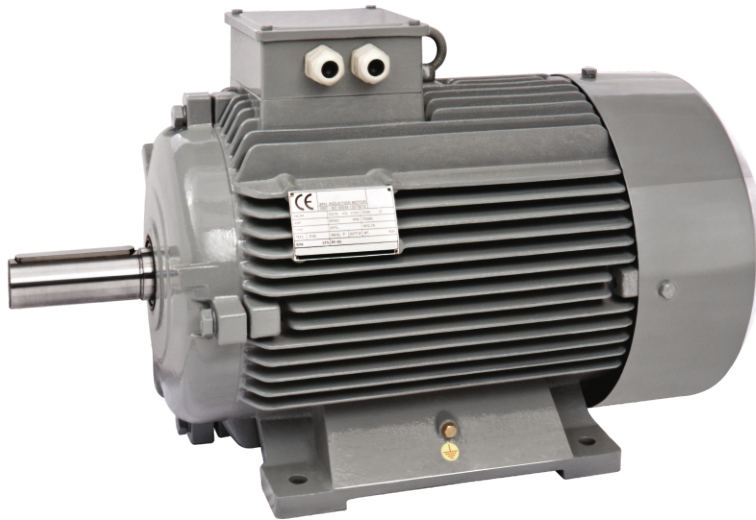
- ▶ Accredited with ISO certificate
- ▶ Most of the models with ISI mark
- ▶ Available with Stainless Steel & Bronze MOC
- ▶ Optimum head & discharge with lower power consumption
- ▶ Withstands wide voltage fluctuations

### Application

- ▶ Water supply system
- ▶ Pressure boosting
- ▶ Cooling towers
- ▶ Flow / Drip / Sprinkler irrigation

Range		
Phase	Horizontal single Phase	Monoblock Single Phase
Head in Mtr.	5 to 32.5	6 to 32
Discharge in LPM	45 to 900	25 to 1350
HP	0.5 to 3	0.5 to 3
Size	1"x 1" to 4"x 4"	1"x 1" to 4"x 4"

# Electric Motor



## Salient Features

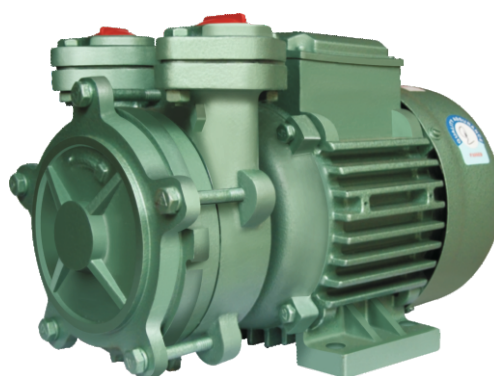
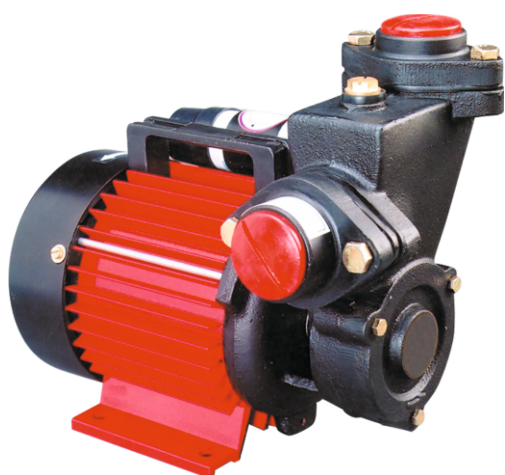
- ▶ All the models with ISI marks
- ▶ All standard motors are provided with class "F" Insulation system
- ▶ Motors have IP55 degree of protection as a standard feature conforming to IS/IEC 60034-5
- ▶ Cooling as per IS 6362 & IEC 60034-6
- ▶ B3, B5, B14 & other types of constructions available

## Application

- ▶ As prime mover to any machinery and equipment in industries such as Textile, Pharmaceutical, Plastic, Machine tools, Earth Moving Machineries and Cooling Towers & Boilers

Range	
Volt	415V
Hz	50
HP	0.50 to 30
RPM	1000 / 1500 / 3000
Frame Size	71 to 200M

## Self Priming Monoblock Pumps



### Salient Features

- ▶ With ISI Mark
- ▶ Double Ball Bearing
- ▶ Forged Brass Impeller
- ▶ Nitril Rubber-NRV
- ▶ Mechanical seal

### Application

- ▶ Ideal for Domestic Use
- ▶ Overhead Tank
- ▶ Small-irrigation
- ▶ Gardening & Fountain

Range	
Phase	Single Phase
Head in Mtr.	5 to 28
Discharge in LPH	415 to 3000
HP	0.5 to 1

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