

## REGENERATIVE PUMP

**SELF PRIMING PUMPS**  
**50 Hz, 220V**



Farming



Domestic



Gardening



Industrial



OM PRASANTH INDUSTRIES

Mfg.by : OPI PUMPS

## REGENERATIVE PUMPS



## SELF PRIMMING PUMPS





## 01.DESCRPTION :

Introducing our 0.5 Hp - 1.0 HP , Self Priming Pumps with the power of 0.37 Kw to 0.75 Kw. Achieve flows up to 3600 lph and upto 42m head. Perfect for home and Water Supply. Reliable across 160V - 240V. Efficient water delivery awaits!

## 02. SALIENT FEATURES:

- **High Discharge :**  
High Operating efficiencies of pumpset result into high water discharge rate and lower power bills, Guarantees maximum water output for each cycle.
- **No Problem with suction or priming :**  
Easy to use without requiring constant attention.
- **Thermal Overload Protector(TOP) :**  
The motor is fitted with the TOP(Thermal Overload Protector)
- **Satinless Steel Components :**  
SS Shaft is designed for durability and corrosion resistance.
- **Rigid Construction :**  
Built to withstand challenging operational conditions.
- **Low noise operations :**  
Provides a quiet and disturbance-free environment.
- **Consistent water flow :**  
Steady and uniform water supply guaranteed.
- **Vibration free operation:**  
All rotating components are dynamically balanced to ensure long bearing life and vibration free smooth operations.
- **Testing process :** All pumpsets are fully tested and prior to despatch.

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## 03. TECHNICAL SPECIFICATION :

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- **Power Range** : 0.37 kW to 0.75 kW (0.5 HP - 1.0 HP)
- **Supply Type** : Single Phase ( 50Hz, AC Supply)
- **Voltage Range** : 160 V - 240 V
- **Speed** : 2880 RPM
- **Head** : Upto 42 Mtr
- **Flow** : Upto 3600 LPH
- **Liquid / Max Temp** : Clear Water / 33° C ,
- **Type of Duty** : S1 (Continuous)
- **Insulation** : Cat - B
- **Metod of Starting** : 1 ph- Capacitor Start Capacitor Run (CSCR).



## 04. MATERIAL OF CONSTRUCTION:

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PART	MATERIAL
IMPELLER	LEAD BRONZE
STATOR	CRNO / LC - STAMPING
MOTOR BODY	SLEEK ALUMINIUM / CAST IRON
BRACKET	CAST IRON
SHAFT	SS SHAFT

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## 05. APPLICATIONS :



## 06. BENEFITS:

- Residential water needs, daily household requirement.
- Water circulating systems, fountains, lawns and gardens.
- Lifting water from sump to overhead tanks for domestic, individual houses and appartments.
- Irrigation from open wells especially where there is wide fluctuation in water levels.
- Suitable for appartments and multi-storied building.
- Landscape irrigation and decorative water features.

## 07. TESTING CONDITIONS :

- All performance data is derived from measurements made at standard voltage conditions using a 50 Hz motor operating at a constant speed of 2880 rpm. Performance will change on low voltage.
- All measurements are done using gas - free water and temperature of water is 24 ° C .
- Only fill Clear and cold water in the PUMP.

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