

REGENERATIVE PUMP

**CENTRIFUGAL MONOBLOCK
PUMPSETS 50 Hz, 220V**



Farming



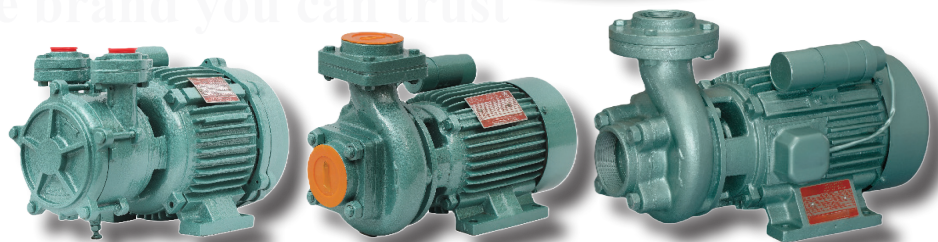
Domestic



Gardening



Industrial



OM PRASANTH INDUSTRIES

Mfg.by : OPI PUMPS

REGENERATIVE PUMPS



SELF PRIMMING PUMPS



01.DESCRPTION :

Introducing our 0.5- 3.0 HP Centrifugal MonoBlock Pumps with the power of 0.37 Kw to 2.2 Kw. Achieve flows up to 800 lpm and 34m head. Perfect for home, Industry and agriculture 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 :

SPECIFICATION :

- **Power Range** : 0.37 kW to 2.2 kW (0.5 HP - 3.0 HP)
- **Supply Type** : Single Phase (50Hz, AC Supply)
- **Voltage Range** : 160 V - 240 V
- **Speed** : 2880 RPM
- **Head** : Upto 34 Mtr
- **Flow** : Upto 800 Lpm
- **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:

MATERIAL OF CONSTRUCTION

PART	MATERIAL
IMPELLER	CAST IRON / LEAD BRONZE
STATOR	CRNO / LC - STAMPING
MOTOR BODY	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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