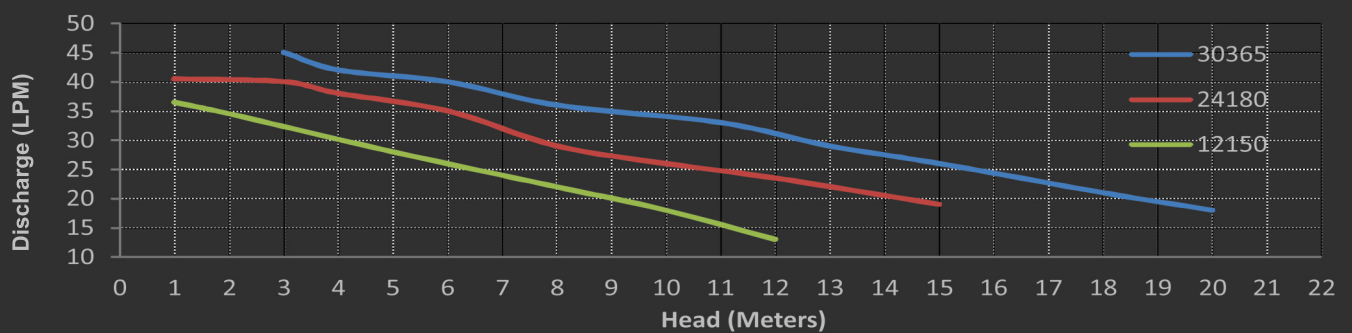


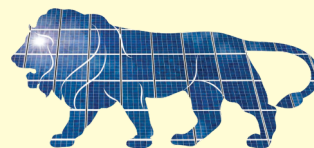
MOTHER[®]

CENTRIFUGAL REGENERATIVE SELF-PRIMING DC WATER PUMPS



SPECIFICATIONS: -

Type :	Centrifugal Regenerative Self Priming Pump
Connection Size :	25 X 25 (mm)
Static Suction Lift :	6 Meters
Self-Priming Time at 3 m SSL :	180 Sec
Insulation :	Class "F"
Enclosure :	IP44, TENV
Rated Temperature :	70°C



MAKE IN INDIA

APPLICATIONS:

These pumps can be supplied in 12 / 24 / 24~36 Volts and can be operated with PV solar panels Or Batteries for lifting fluids to overhead tanks, watering, dewatering, fluid circulation, spraying fluid, dispensing fluids etc., in places / systems / equipment where AC supply is not feasible or where pump needs to be operated on DC supply.

Especially in Remote Areas Where there is no electricity and the only source of power is Solar Energy
Solar operated pump e.g.: -

- 1.) Lifting Water to Over-Head Storage Tanks in
 - a.) Small Individual Bungalows
 - b.) Public Toilets
- 2.) Gardening
- 3.) Micro-farming
- 4.) Aquaponics
- 5.) Nurseries
- 6.) Providing water points for animals in wild-life sanctuaries
- 7.) RO Water Purification Systems
- 8.) Solar Water Heaters
- 9.) Drip Irrigation
- 10.) Fish Farming
- 11.) Ponds

Special Category E Pumps
for Industrial Applications

MOTHER®



Or Vehicle Mounted Equipment Where Fluid Dispensing, Spraying or Circulation is required and only source of power is batteries.
Battery operated pump e.g.: -

- 1.) Diesel Dispensing in Mobile Trucks
- 2.) Water Spraying in Road Milling / Scraping Vehicles
- 3.) Water Spraying in Road Sweeping Trucks
- 4.) Coolant Circulation in Special Purpose Vehicles
- 5.) Refueling Heavy Vehicles that cannot be taken to fuel stations
- 6.) Refueling Diesel Generators Mounted on Vehicles.
- 7.) Dewatering Flooded Yachts, small boats etc.
- 8.) Water supply to Wash-basins, shower, WC, in Yachts, RVs, Caravans etc.

FEATURES:

- Our Pumps Feature Robust High Efficiency PMDC Motors which are failsafe and require negligible maintenance.
- Capable of priming up-to 6 Meters Static Suction Lift without Foot-Valve
- Simple 2 Wire Design. Direct DC Operation Through Batteries / P.V. Solar Panel.
- Easy to Install and Maintain
- Long Life Brushes with Quick Replacement
- Double Shielded Ball-Bearings – Needs No External Lubrication.

ADVANTAGES:

- Starts Early in the morning and Runs for Longer Hours during the day compared to AC Solar Pumps
- Is More Efficient compared to AC Solar Pumps + Inverter efficiency Loss is eliminated - Hence requires smaller solar panels – Since cost of Inverter and extra solar panels is eliminated in DC Solar Pumping Systems it is More Economical
- Easy to Install and Maintain because of simple design compared to AC Solar Pumps

Shipping Details: -

Type: Individual Corrugated Box Packing
Dimensions: 13 X 6 X 9 Inches
Weight: 8 Kgs.

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