

MOTHER[®]



**CENTRIFUGAL REGENERATIVE SELF-PRIMING
DC WATER PUMP**

MODEL: 24180

Supply: 24 V-DC.

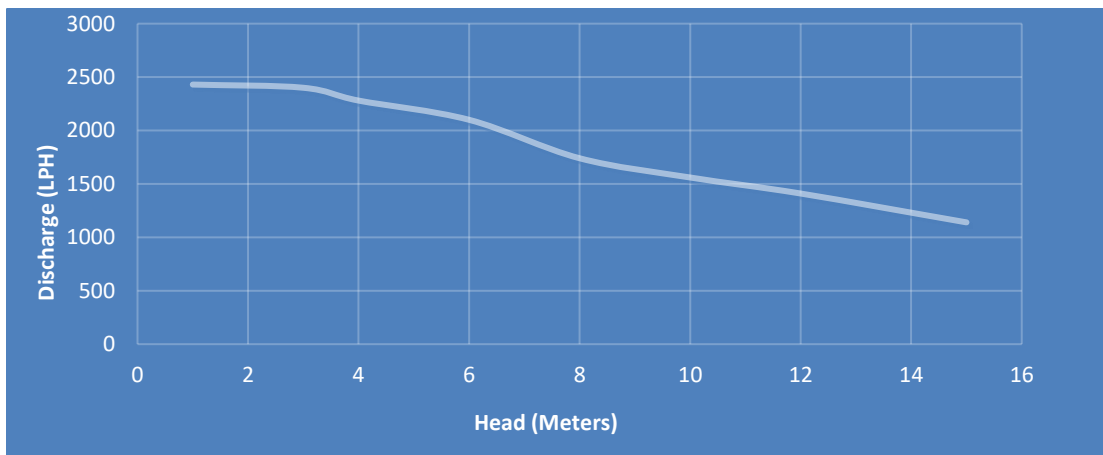
Inlet & Outlet Connection: 3/4" BSP Female.

Range: 10.6 GPM @ 2.7 Feet to 5 GPM @ 49 Feet.

Best Efficiency Point: 6.2 GPM @ 39 Feet

RATING: Continuous.

Head (Meters)	1	3	4	6	8	10	12	15
Discharge (LPM)	40.5	40	38	35	29	26	23.5	19



Specification: -

Type: Centrifugal Regenerative Self Priming Pump
Self-Priming Time at 3 m SSL: 180 Sec
Enclosure: TENV
Supply: 24 V-DC
Insulation: Class "F"
Connection Size: 20 X 20 mm
Rated Power Input: 0.25 kW
Rated Current: 9.5 A
Rated Head: 12 m
Rated Discharge: 1410 LPH
Head Range: 1 – 15 m

Applications: -

These pumps can be operated **WITH** batteries or PV solar panels **FOR** lifting fluids to overhead tanks, dewatering, fluid circulation, spraying fluid, dispensing fluids etc., **IN** equipment / systems / places where AC supply is not feasible or where pump needs to be operated on DC supply.

Especially in 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.

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 Small Individual Bungalows
- 2.) Gardening / Watering plants in small nurseries.
- 3.) Providing water points for animals in wild-life sanctuaries

Features: -

- Our Pumps Feature Robust High Efficiency PMDC Motors which are failsafe and require negligible maintenance.
- Capable of priming up-to 4 Meters Static Suction Lift without Foot-Valve
- Simple 2 Wire Design. Direct DC Operation Through Batteries / Solar PV Array. No Controller Required
- Easy to Install and Maintain
- Long Life Brushes with Quick Replacement
- Double Shielded Ball-Bearings – Needs No External Lubrication

Shipping Details: -

Type: Individual Corrugated Box Packing
Dimensions: 12 X 8 X 9 Inches
Weight: 8 Kgs.

CONTACT: -

MICA SALES & ENGINEERING

261, BUDHWAR CHOWK, BUDHWAR PETH, PUNE 411002, MAHARASHTRA, INDIA.

TEL. +91-20-65226012, FAX: +91-20-24487215

EMAIL: mothermotors@bsnl.in

WEBSITE: www.mothermotors.com