



॥ राष्ट्रदेवो भवः ॥



Falcon[®]
A MACHINE FOR MANKIND

Since 1994



AC SOLAR PUMPING SYSTEM - SURFACE PUMP



Live Stock Watering



Drinking Water Supply



Gardening



Mfg. by : **Falcon Pumps Pvt. Ltd.**

Chale Pragati Ki Aur[®]

✉ sales@falconpumps.in | ✉ info@falconpumps.in | ☎ 1800 123 0000

■ SALIENT FEATURES

- Highly efficient 3-phase Air Cooled motor
- 100% EC grade copper winding
- Easily Rewindable
- Good suction lift characteristics
- Sustainable uniform performance for years
- Ensures long life durability
- Optimized Hydraulic & Mechanical Design
- Improved efficient performance
- Excellent output in Low Radiation
- Dynamically balanced design
- Double shielded ball bearings, so no need of external lubrication
- Mechanical seal or stuffing box is provided as per customers requirement
- Zero maintenance

■ PRODUCT SPECIFICATION

Power Range	: 1.0 HP to 10.0 HP
Operating Speed	: 0 – 2890 RPM
Operating Frequency	: 0 – 50 Hz
Input Solar DC Power Range	: 900 Wp – 10000 Wp
Input Solar DC Voltage Range	: 110 Vmp – 600 Vmp
Head Range	: 10 Mtr – 50 Mtr
Discharge Range	: 45000 LPD – 405000 LPD
Max. Suction Head	: 7 Mtr
Type of Duty	: S1



● Customized Design Available upto 100HP - 330Mtr.

■ MATERIAL OF CONSTRUCTION

<u>Part</u>	<u>Grade</u>
Gland Dori	: Graphite String
Motor Shaft	: EN-19 with SS SLEEVE
Motor Body	: FG-250
Bearing	: SKF
End Cover	: FG-250
Bracket	: FG-250
Flange	: FG-250
Casing	: FG-250
Impeller	: FG-250
Cooling Fan	: Aluminium

