

॥ राष्ट्रदेवो भवः ॥



**Falcon**<sup>®</sup>  
A MACHINE FOR MANKIND

Since 1994

# Sewage (Dewatering) Submersible Pump



Three Phase  
Cutter Pump



Single Phase  
Cutter Pump



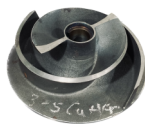
Single Phase



Three Phase



Single Phase



Cutter Impeller



Semi Open Impeller



Close Impeller

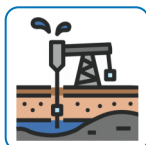


Open Impeller

**Oil Cooled Pumps (Don't Fill Up Water In Pump Set)**



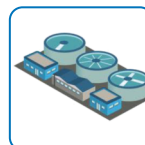
Commercial Building



Mining



Flood Control



Sewage Application



Industrial

Chale Pragati Ki Aur<sup>®</sup>

## Sewage Submersible Pump

<b>Single Phase</b>	: 1.0 HP to 2.0 HP (Voltage Range 160 V to 240 V)
<b>Three Phase</b>	: 2.0 HP to 10.0 HP (Voltage Range 350 V to 415 V)
<b>Head Range</b>	: 9 Mtr. - 37 Mtr.
<b>Discharge Range</b>	: 2300 LPM to 270 LPM
<b>Solid Passage</b>	: Upto 43 mm

### ■ Standard Features:

- ✓ The whole cast iron design, wear -resistant, durable and nice appearance
- ✓ Double channel impeller, good flow capacity, excellent hydraulic performance.
- ✓ Stainless steel shaft extension, carbide double-sides mechanical sealing.

### ■ Operation Conditions:

- Liquid Temperature : +40°C
- pH level from 4+10
- Maximum liquid density  $1.2 \times 10^3 \times 10^3 \text{ kg/m}^3$
- Immersion depth from 0.5m-5m
- Power frequency is 50Hz Nominal voltage is 220VAC for single phase and 380VAC for Three Phase with the range -10% to 10%

### ■ Material Of Construction:

<u>Parts</u>	<u>Grade</u>
● Motor Casting	: FG-200-220 Grade
● Pump Body	: FG-200-220 Grade
● Impeller	: FG-200-220 Grade
● Outlet	: FG-200-220 Grade
● Motor Shaft	: AISI 2Cr13 Steel
● Mechanical Seal	: Tungsten Carbide

Mfg. by:

**Falcon Pumps Pvt. Ltd.**

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