

SUBMERSIBLE PORTABLE SEWAGE / DRAINAGE PUMP SET SERIES "HP"

HANDY SERIES



FEATURES / BENEFITS

- Compact Design Light in Weight
- Double Mechanical Seal arrangement
- Suction Strainer to avoid Clogging
- Semi Open Non-Clog Impeller
- Handle Solids Up to 50 mm Diameter
- Replaceable Wearing Parts design

USAGE / AREA OF APPLICATIONS

- Cleaning of Manholes / Trenches
- Handling Industrial Waste Water
- Kitchen Waste in Hotels / Restaurants
- Pumping of Screened Sewage
- Transfer of suspended solids
- Construction sites & Pits

ENGINEERING / TECHNICAL DATA

| | |
|-------------------|--|
| Power | : Up to 30 H.P. (22.5 KW) |
| Flow | : Up to 2550 LPM (153 m ³ /hr.) |
| Head | : Up to 80 mtr (264 ft.) |
| Outlet | : Up to 100 mm (4 inch) |
| Solids | : Up to 50 mm (2 inch) |
| Motor | : Two pole continuous duty sq. cage submersible induction type |
| Speed | : 3000 RPM (syn.) (2 pole) |
| Supply | : 415 V, 3Ø, 50 Hz (1Ø on request) |
| Protection | : IP 68 Insulation : F Class |

MATERIALS WE PROVIDE

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|-------------------------------|---|
| Pump Casing/Volute | : IS 210 C.I. FG 260 |
| Motor Body/Housing | : S.S. & C.I. Grades |
| Impeller of Pump | : IS 210 C.I. FG 260 |
| Suction/Wear Plate | : IS 210 C.I. FG 260 |
| Mech. Seal (Upper) | : C / SiC & TC / TC |
| Mech. Seal (Lower) | : SiC / SiC & TC / TC |
| Pump Shaft | : Stainless Steel |
| Auto Couple Guide Sys. | : IS 210 C.I. FG 260 |
| Cable | : PVC ins. double sheath <i>(Special MOC's available on request)</i> |

**Auto Coupling Guide Rail System, Cooling Jacket, Cutter, Agitator, Extra Stand, Hose Bend & Pipes, Control Panels, etc. available on request.*