

SUBMERSIBLE FREE FLOW PUMP SET SERIES “ NV ”

ENVI SERIES



FEATURES / BENEFITS

- Non-Clog cont. operation with free flow **VORTEX** impeller
- Able to pump large suspended solid size/free passage clearance up to 50 mm.
- Majority abrasives / long fibers particles do not come in contact with impeller which results in minimum wear & tear.
- Very less maintenance free type design.
- Easy & fast to service maintainable type.
- Dual independent spring tension mech. seals in tandem arrangmt.
- Heavy, Powerful, Compact & Robust Construct.

USAGE / AREA OF APPLICATIONS

- WTP, ETP & STP, soft/screened solids waste water, various manufacturing & industrial process, drainage/sewage wells, lifting stations, junctions & high pressurized systems, surface & rain water handling, sea & ground water handling, dewatering of manholes, sumps, digs, pits, trenches, foundations, tanks, ponds etc. in commercial, residential & institutional sectors, sludge & slurries.

ENGINEERING / TECHNICAL DATA

Power	: Up to 7.5 H.P. (5.5 KW)
Flow	: Up to 1067 LPM (64 m ³ /hr.)
Head	: Up to 37 mtr (122 ft.)
Outlet	: Up to 65 mm (2.5 inch)
Solids	: Up to 55 mm (2.16 inch)
Motor	: Two pole heavy cont. duty sq. cage sub. air fill 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

Pump Casing/Volute	: IS 210 C.I. FG 260
Motor Body/Housing	: IS 210 C.I. FG 260
Impeller of Pump	: IS 210 C.I. FG 260
Mech. Seals	: C vs. SiC , SiC vs. SiC
Rotor Shaft	: Stainless Steel
Cable	: PVC ins. double sheath

(Special MOC's available on request)

