

SUBMERSIBLE WASTE WATER PUMP SET SERIES “ FE ”

EFFY SERIES



FEATURES / BENEFITS

- Highly efficient and power saving durable design.
- Easy & fast to service maintainable type design.
- Min. noisy and less vibration in its design class.
- Less wear and tear with replaceable wear parts.
- Dual independent mech. seals in tandem arrangmt.
- Strainer/Screen inbuilt for rel. clog free pumping.
- Powerful, Movable, 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.

ENGINEERING / TECHNICAL DATA

Power	: Up to 10 H.P. (7.5 KW)
Flow	: Up to 3000 LPM (180 m ³ /hr.)
Head	: Up to 56 mtr (185 ft.)
Outlet	: Up to 100 mm (4 inch)
Solids	: Up to 50 mm (2 inch)
Motor	: Two pole continuous 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	: Stainless Steel
Impeller of Pump	: IS 210 C.I. FG 260
Wear/Neck Ring	: IS 210 C.I. FG 260
Mech. Seals	: C vs. SiC , SiC vs. SiC
Rotor Shaft	: Stainless Steel
Strainer/Screen	: Stainless Steel
Cable	: PVC ins. double sheath

(Special MOC's available on request)