



"JT" - series

SUBMERSIBLE JETTY HIGH HEAD WASTE WATER DEWATERING PREMIUM PUMP SETS

ENGINEERING / TECHNICAL DATA

- Nature : Vertical, Submersible, Premium
- Power : Up to 4.0 H.P. (3.0 KW)
- Flow : Up to 700 LPM (42 m³ / hr.)
- Head : Up to 35.5 mtr (116.5 ft.)
- Outlet : 40 / 50 mm (1.5 / 2 inch)
- Solids : Up to 15 mm (0.6 inch)
- Motor : Two pole continuous duty sq. cage sub. air fill induction dry typ.
- Speed : 2840 - 2870 RPM
- AC Supply : 415 V, 3 Ø, 50 Hz (from 1 to 4 HP)
 : 230 V, 1 Ø, 50 Hz (from 1 to 3 HP)

- Protection : IP 68
- Insulation : F Class
- Starting : D.O.L.
- Liq. Temp. : 40° C
- Liq. Dens. : 1100 Kg/m³
- PH Value : 6.0 to 8.5

ALUMINIUM
 GUN METAL
 CA15 / SS 410
 CF8 / SS 304
 CF3 / SS 304L
 CF8M / SS 316
 CF3M / SS 316L
 CD4MCU
 2% Ni Cr
 HASTELLOY
 HIGH CHROME



FEATURES / BENEFITS / AVAILABLE

- High Head continuous reliable operation with pressure **HALF-OPEN** impeller dsq.
- Able to pump suspended solid particles size 15 mm in high pressure applications.
- Replaceable spare parts design for longer life to product which results easy wear and tear solutions for our pump set.
- Special materials pump sets available.
- Min. noisy & less vibration design class.
- Double/Dual independent spring tension quality mech. seals. in tandem arrange.
- Powerful, Movable, Compact & Robust.
- Stationary wet well auto coupling guide rail installation system available on req.
- Fully Automatic ON/OFF water level controller system available on req.
- Strainer/Screen given for extra benefit.
- Single Phase pump sets are available.
- Hose Type Bend conn. available on req.
- Temperature cut off available on req.

STD. MATERIALS WE PROVIDE

- Pump Casing/Volute : IS 210 C.I. FG 260
- Motor Body/Housing : Thk. Stainless Steel
- Impeller of Pump : IS 210 C.I. FG 260
- Suction/Wear Plate : IS 210 C.I. FG 260
- Ball Bearings : Original SKF Make
- Mech. Seal No. 1 : C vs. SIC
- Mech. Seal No. 2 : SIC vs. SIC
- Pump Rotor Shaft : AISI Stainless Steel
- Strainer/Screen : AISI Stainless Steel
- All Elastomers : Quality NBR Grade
- Power Cable : Dual Sheat PVC Ins. Copper Flexi. Round

USAGE / AREA OF APPLICATIONS

- Treated water in WTP's, ETP's and STP's.
- Domestic, Commercial & Industrial Areas.
- Malls, Hotels, Resorts, Hospitals, Kitchens, Buildings, Municipality, Parks, Pools etc.
- Waste water containing small & medium size particles which can easily mix & flow.
- Light & Medium all Dewatering purposes.
- In various manufacturing and construction works, turnkey and government projects.