



**REDDI**  
**SUBMERSIBLE**  
FAMILY

*Reliable and trustworthy*  
*Efficient to pumping*  
*Durable in working*  
*Design for performance*



*fluidity nonstop....*

## 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

<b>Power</b>	: Up to 10 H.P. (7.5 KW)
<b>Flow</b>	: Up to 3000 LPM (180 m <sup>3</sup> /hr.)
<b>Head</b>	: Up to 56 mtr ( 185 ft.)
<b>Outlet</b>	: Up to 100 mm (4 inch)
<b>Solids</b>	: Up to 50 mm (2 inch)
<b>Motor</b>	: Two pole continuous duty sq. cage sub. air fill induction type
<b>Speed</b>	: 3000 RPM (syn.) (2 pole)
<b>Supply</b>	: 415 V, 3 $\phi$ , 50 Hz (1 $\phi$ on request)
<b>Protection</b>	: IP 68
<b>Insulation</b>	: F Class

#### MATERIALS WE PROVIDE

<b>Pump Casing/Volute</b>	: IS 210 C.I. FG 260
<b>Motor Body/Housing</b>	: Stainless Steel
<b>Impeller of Pump</b>	: IS 210 C.I. FG 260
<b>Wear/Neck Ring</b>	: IS 210 C.I. FG 260
<b>Mech. Seals</b>	: C vs. SiC , SiC vs. SiC
<b>Rotor Shaft</b>	: Stainless Steel
<b>Strainer/Screen</b>	: Stainless Steel
<b>Cable</b>	: PVC ins. double sheath

*(Special MOC's available on request)*

## SUBMERSIBLE WASTE WATER PUMP SET SERIES “ MT ”

### EMPTY SERIES



#### FEATURES / BENEFITS

- Highly efficient and power saving durable design
- Ease & 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
- 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.

#### ENGINEERING / TECHNICAL DATA

<b>Power</b>	: Up to 10 H.P. (7.5 KW)
<b>Flow</b>	: Up to 3000 LPM (180 m <sup>3</sup> /hr.)
<b>Head</b>	: Up to 56 mtr ( 185 ft. )
<b>Outlet</b>	: Up to 100 mm (4 inch)
<b>Solids</b>	: Up to 50 mm (2 inch)
<b>Motor</b>	: Two pole continuous duty sq. cage sub. air fill induction type
<b>Speed</b>	: 3000 RPM (syn.) (2 pole)
<b>Supply</b>	: 415 V, 3 $\phi$ , 50 Hz (1 $\phi$ on request)
<b>Protection</b>	: IP 68
<b>Insulation</b>	: F Class

#### MATERIALS WE PROVIDE

<b>Pump Casing/Volute</b>	: IS 210 C.I. FG 260
<b>Motor Body/Housing</b>	: IS 210 C.I. FG 260
<b>Impeller of Pump</b>	: IS 210 C.I. FG 260
<b>Wear/Neck Ring</b>	: IS 210 C.I. FG 260
<b>Mech. Seals</b>	: C vs. SiC , SiC vs. SiC
<b>Rotor Shaft</b>	: Stainless Steel
<b>Strainer/Screen</b>	: Stainless Steel
<b>Cable</b>	: PVC ins. double sheath

*(Special MOC's available on request)*

## SUBMERSIBLE FREE FLOW PUMP SET SERIES “ ED ”

### EDDY 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.
- 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, sludge & slurries.

#### ENGINEERING / TECHNICAL DATA

<b>Power</b>	: Up to 7.5 H.P. (5.5 KW)
<b>Flow</b>	: Up to 660 LPM (39.6 m <sup>3</sup> /hr.)
<b>Head</b>	: Up to 37 mtr (122 ft.)
<b>Outlet</b>	: Up to 50 mm (2inch)
<b>Solids</b>	: Up to 50 mm (2inch)
<b>Motor</b>	: Two pole continuous duty sq. cage sub. air fill induction typ.
<b>Speed</b>	: 3000 RPM (syn.) (2 pole)
<b>Supply</b>	: 415 V, 3Ø, 50 Hz (1Ø on request)
<b>Protection</b>	: IP 68 <b>Insulation</b> : F Class

#### MATERIALS WE PROVIDE

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

*(Special MOC's available on request)*



## 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

<b>Power</b>	: Up to 7.5 H.P. (5.5 KW)
<b>Flow</b>	: Up to 1067 LPM (64 m <sup>3</sup> /hr.)
<b>Head</b>	: Up to 37 mtr (122 ft.)
<b>Outlet</b>	: Up to 65 mm (2.5 inch)
<b>Solids</b>	: Up to 55 mm (2.16 inch)
<b>Motor</b>	: Two pole heavy cont. duty sq. cage sub. air fill induction type
<b>Speed</b>	: 3000 RPM (syn.) (2 pole)
<b>Supply</b>	: 415 V, 3Ø, 50 Hz (1Ø on request)
<b>Protection</b>	: IP 68 <b>Insulation</b> : F Class

#### MATERIALS WE PROVIDE

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

*(Special MOC's available on request)*



# SUBMERSIBLE DRAIN / DE WATERING PUMP SET SERIES " DP "

## DURA SERIES



### FEATURES / BENEFITS

- Top Discharge Motor Cool System
- Dual Mech. Seal Hard Face Combinations
- Strainer / Screen to avoid Clogging
- Semi Open Non-Clog Impeller
- Stainless Steel Cooling Jacket
- Movable, Light, Compact Design

### USAGE / AREA OF APPLICATIONS

- Construction Sites, Basements & Projects
- Industrial Dewatering Areas
- Dewatering of Sandy Muddy Water
- Storm water, Dam sites & Mines
- Draining of Digs, Pits & Trenches

### ENGINEERING / TECHNICAL DATA

<b>Power</b>	: Up to 60 H.P. (45 KW)
<b>Flow</b>	: Up to 8500 LPM (510 m <sup>3</sup> /hr.)
<b>Head</b>	: Up to 70 mtr (230 ft.)
<b>Outlet</b>	: Up to 200 mm (8 inch)
<b>Solids</b>	: Up to 30 mm (1.2 inch)
<b>Motor</b>	: Two pole continuous duty sq. cage submersible induction type
<b>Speed</b>	: 3000 RPM (syn.) (2 pole)
<b>Supply</b>	: 415 V, 3Ø, 50 Hz (1Ø on request)
<b>Protection</b>	: IP 68
<b>Insulation</b>	: F Class

### MATERIALS WE PROVIDE

<b>Pump Casing/Bypass</b>	: IS 210 C.I. FG 260
<b>Motor Body/Housing</b>	: Stainless Steel
<b>Impeller of Pump</b>	: IS 210 C.I. FG 260
<b>Suction/Wear Plate</b>	: IS 210 C.I. FG 260
<b>Mech. Seal (Upper)</b>	: TC / TC & C / SiC
<b>Mech. Seal (Lower)</b>	: TC / TC & SiC / SiC
<b>Pump Shaft</b>	: Stainless Steel
<b>Strainer/Screen</b>	: Stainless Steel
<b>Cable</b>	: PVC ins. double sheath

*(Special MOC's available on request)*

*\*Cutter, Extra Stand, Lifting Chains, Hose Pipes, Starters, Control Panels, Fire Coupling, Thermistors, Aluminium M.O.C. etc. available on request.*

# 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

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

### MATERIALS WE PROVIDE

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

*(Special MOC's available on request)*

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



# SUBMERSIBLE NON-CLOG SEWAGE / MUD / SLURRY PUMPS SERIES "SP"

## STURDY SERIES



### ENGINEERING / TECHNICAL DATA

<b>Power</b>	: Up to 150 H.P. (110 KW)
<b>Flow</b>	: Up to 33,333 LPM (2000 m <sup>3</sup> /hr.)
<b>Head</b>	: Up to 70 mtr (231 ft.)
<b>Outlet</b>	: Up to 300 mm (12 inch)
<b>Solids</b>	: Up to 120 mm (4.73 inch)
<b>Motor</b>	: Four/Six pole continuous duty sq. cage sub. air fill induction type
<b>Speed</b>	: 1500/1000 RPM (syn.) (4/6 pole)
<b>Supply</b>	: 415 V, 3Ø, 50 Hz, D.O.L. / Star Delta
<b>Protection</b>	: IP 68
<b>Insulation</b>	: F Class

### FEATURES / BENEFITS

- Pumping of Heavily Sewage/Mud
- Thermal Overload Protection
- Mechanical Seal Protection
- Semi Open Non-Clog Impeller
- Robust Construction
- Double Mechanical Seal
- Excellent Solid Handling Capacity
- Ruff and Tuff Successful Design

### USAGE / AREA OF APPLICATIONS

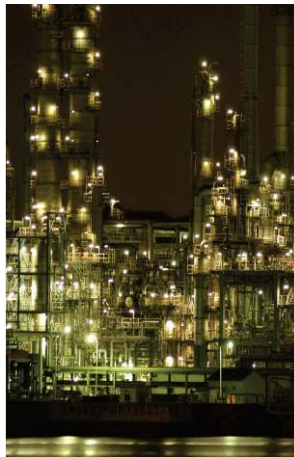
- Pumping of Sewage/Wastewater
- Effluents with Slurry and Solids
- Pumping of Unscreened Sewage
- Transfer of Suspended Solids

### MATERIALS WE PROVIDE

<b>Pump Casing/Volute</b>	: IS 210 C.I. FG 260
<b>Motor Body/Housing</b>	: IS 210 C.I. FG 260
<b>Impeller of Pump</b>	: IS 210 C.I. FG 260
<b>Suction/Wear Plate</b>	: IS 210 C.I. FG 260
<b>Mech. Seals</b>	: C vs. SiC , SiC vs. SiC
<b>Pump Shaft</b>	: Stainless Steel
<b>All Fasteners</b>	: Stainless Steel
<b>Auto Couple guide Sys.</b>	: IS 210 C.I. FG 260
<b>Power Cable</b>	: PVC ins. double sheath copper conductor

*(Special MOC's available on request)*

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



"Your Trust.... Our Technology"



DOC/MKT/CAT/GC/01/VER 1.0



## REDDI PUMPS INDUSTRIES

📍 145, Shubh Industrial Estate, Nr. Singarva - Kathwada Road, Kathwada, Ahmedabad - 382 430, Gujarat, India.

✉️ [harshil.trivedi@reddipumps.com](mailto:harshil.trivedi@reddipumps.com), [redipumps@gmail.com](mailto:redipumps@gmail.com)

☎️ +91 94266 25814, +91 97266 60053 🌐 [www.reddipumps.com](http://www.reddipumps.com)