

elite-S

"ELS" - series

# SUBMERSIBLE ELITE HIGH HEAD WASTE WATER ECONOMICAL BASIC PUMP SETS RANGES

## ENGINEERING / TECHNICAL DATA

Nature : Vertical, Wet, Self-Prime, Light  
Power : Up to 4.0 H.P. (3.0 KW)  
Flow : Up to 700 LPM (42 m<sup>3</sup> / 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/m<sup>3</sup>

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.

Ease & fast to service maintainable type.

Easy to work and carry by single person.

Independent spring tension mech. seals.

Light Wt., Movable, Compact & Portable.

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 : Cast Iron

Motor Body/Housing : Stainless Steel

Impeller of Pump : Cast Iron

Ball Bearings : Standard Make

Sealing/Packing : Mechanical Seal

Pump Rotor Shaft : Stainless Steel

Strainer/Screen : Stainless Steel

All Elastomers : Nitrile Rubber

All Fasteners : Stainless Steel

Power Cable : PVC Insulated

Copper Flexible

Lifting Handle : Mild Steel

## USAGE / AREA OF APPLICATIONS

Treated water in WTP's, ETP's and STP's.

Domestic, Commercial & Industrial Areas.

Malls, Hotels, Resorts, Hospitals, Kitchens, Buildings, Municipal, Parks, Pits, Pools etc.

Waste water containing small suspended size particles which can easily mix & flow.

Light & Medium all Dewatering purposes.

In various manufacturing and construction works, turnkey and government projects.