

TL SERIES

A compact pump for mass dewatering



A highly efficient Submersible pump for mass dewatering from low head, very rugged in construction and easy to operate. The pumps are designed with better wear resistance capability like slow speed motor and bigger impeller passage which also ensures clog-free operation.

SALIENT FEATURES

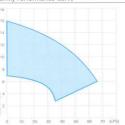
- · Economical and compact.
 - Sturdy construction.
- Dual seal protection provides leak proof operation.
- Bottom suction, which ensures pumping of water up to bottom level.
- Re-enforced water cooling by liquid pumped.
- Special impeller to handle gravel / slurry.
- Special series to handle high liquid temperature available













Special wear and impact resistant AL-alloy

Seal moisture sensor to detect leakage in case of primary seal failure

Specially designed highly efficient and wear resistant nonclog type impeller

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Submersible Pump for mass dewatering at dam sites, mines, draining of flooded area, construction sites and other similar applications where the liquid may contain abrasive particles.

DENOMINATION

Product code Installation Portable Impeller characteristic Mix flow Discharge connection-100mm/150mm

PROCESS DATA

Liquid Temp. max 40°C Liquid Density max 1100 Kg/cm3 Strainer Hole size 8mm x 16mm 8mm x 20mm The PH value of

the pump liquid

6 5-8

MOTOR DATA

Squirrel cage Induction motor Frequency 50 Hz (±3%) Voltage variation 415 (+6%, -15%) Starting direct on line

Specially designed high wear resistant

type diffuser

CABLE

Double sheathed Heavy-duty PVC Submersible cable.

MONITORING EQUIPMENT

Thermal contacts Opening temperature +85°C

WEIGHT (IN KG)

KW	KG
2.2	65
3.7	70
5.5	100
7.5	105

SPEED & CURRENT

KW	Speed of Motor (RPM)	Rated Current (A)
2.2	1450	6.0
3.7	1450	8.5
5.5	1460	13.0
7.5	1460	16.0

MATERIALS

Bowl/diffuser Abrasion Resistant Al. alloy Abrasion Resistant Steel Impeller Motor Body Aluminium allov Stainless Steel Strainer Stainless Steel Shaft Nitrile Rubber O-Rings Hardware 55-304

DIMENSION

KW	Height	Diameter
2.2	700mm	400mm
3.7	700mm	400mm
5.5	765mm	450mm
7.5	765mm	450mm

Product Range

- OPENWELL SUBMERSIBLE PUMPS
 SUBMERSIBLE DE-WATERING PUMPS
 SUBMERSIBLE SEWAGE PUMPS SUBMERSIBLE SLURRY PUMPS
 VERTICAL WET-PIT SEWAGE PUMPS
 LOW HEAD HIGH DISCHARGE PUMPS
- LIQUID LEVEL CONTROLLER FLOAT BALL
 DRY RUNNING PROTECTOR







