

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

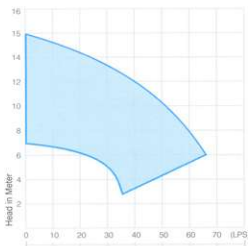
- Economical and compact.
- Sturdy construction.
- Dual seal protection provides leak proof operation.
- Bottom suction, which ensures pumping of water up to bottom level.
- Re-enforced water cooling by liquid pumped.
- Special impeller to handle gravel / slurry.
- Special series to handle high liquid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



Creating ^{dewatering} solutions
over three decades

DARLING PUMPS®
Pioneers in Submersible

Family Performance Curve



Temperature sensing device working in oil bath

Mechanical seals working in oil bath

Specially designed high wear resistant type diffuser



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 non-clog type impeller

TL SERIES

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	TL
Installation	Portable
Impeller characteristic	Mix flow
Discharge connection	100mm/150mm

PROCESS DATA

Liquid Temp.	max 40°C
Liquid Density	max 1100 Kg/cm ³
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

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
Impeller	Abrasion Resistant Steel
Motor Body	Aluminium alloy
Strainer	Stainless Steel
Shaft	Stainless Steel
O-Rings	Nitrile Rubber
Hardware	SS-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 •



Use only -
GENUINE SPARES



DARLING PUMPS PVT. LTD.

Simply pump!

