

## JL SERIES

A mighty DARLING for mass dewatering



A highly efficient Submersible pump for mass dewatering from lower 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.

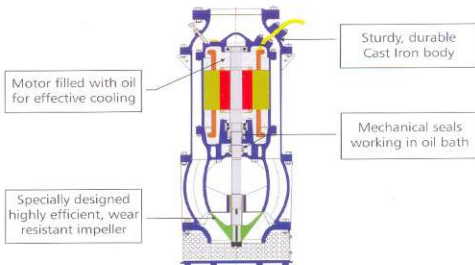
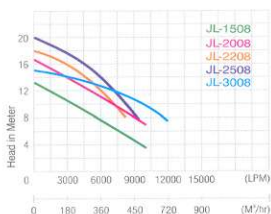
### SALIENT FEATURES

- 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 solutions...

Family Performance Curve



**JUMBO JL**

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 JL  
 Installation Portable  
 Impeller characteristic- Mix flow  
 Discharge connection- 8" (200 mm)

**PROCESS DATA**

Liquid Temp. max 40°C  
 Liquid Density max 1100 Kg/cm³  
 Strainer Hole size 16mm  
 The PH of the pump liquid 5-8

**MOTOR DATA**

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

**CABLE**

Submersible Heavy-duty PVC cable

**MONITORING EQUIPMENT**

Thermal contacts  
 Opening temperature +85°C

**WEIGHT (IN KG)**

KW	KG
11	320
15	350
16.8	360
18.5	390
22.0	415

**SPEED & CURRENT**

KW	Speed of Motor (RPM)	Rated Current (A)
11	1450	23
15	1450	32
16.8	1460	36
18.5	1460	40
22.0	1460	45

**MATERIALS**

Bowl	CI-FG 200
Impeller	CF8
Motor Body	C-20 IS-2062 Gr.A
Strainer	SS 202
Shaft	En-8
O-Rings	Nitrile Rubber

**DIMENSION**

KW	Height
11	1195
15	1210
16.8	1230
18.5	1230
22.0	1280

**OPTION**

Warm liquid version are also available on request

**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 •



**DARLING PUMPS PVT. LTD.**



Simply pump!

ISO 9001:2008

