

Changing
lives
for **better**



DARLING
PUMP

Designing SMART pumping solutions...

Dewatering Pumps

Simplified pumping...



LJ Series

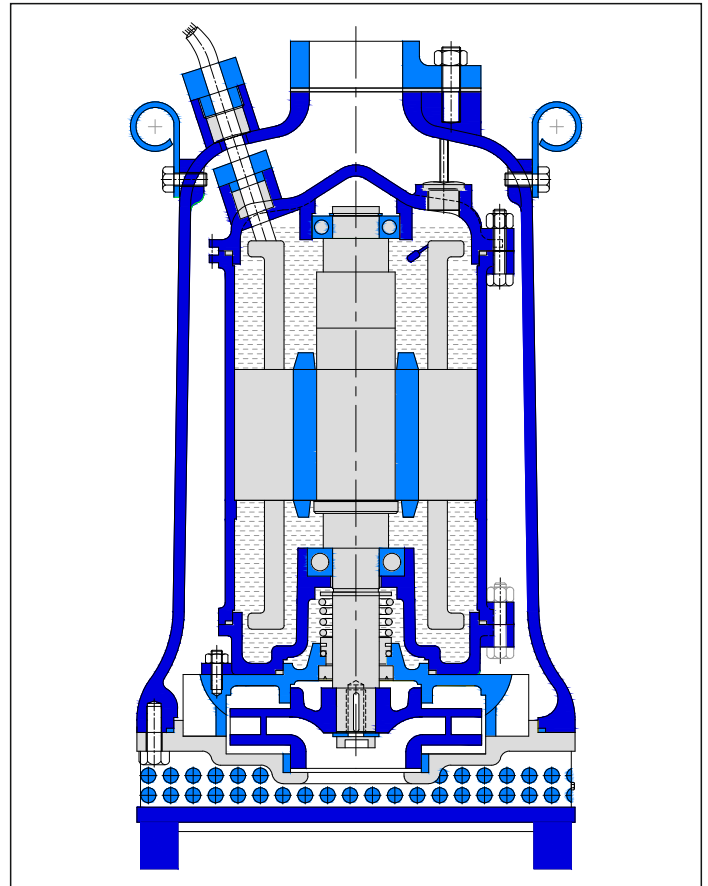


LJ Series : Features & Dimensions

Features

- **Impeller** - Specially designed highly efficient, wear resistant impeller.
- **Motor** - Highly efficient oil filled motor, better heat dissipation.
- **Mechanical Seals** - Dual mechanical seal, independent of discharge pressure, thus provide improved seal life.
- **Bearing** - Heavy duty ball bearing used at top and bottom ends to balance adverse load.
- **Water Proof Winding** - Quick & easy maintenance, Rewindable at site with minimal facility hence lesser down time..
- **Shaft** - Extra heavy duty SS shaft not exposed to pumpage liquid.
- **Thermostat** - Inbuilt protection against temperature rise.
- **Jacketed Design** - Run-through cooling for better heat dissipation & low minimum submergence.
- **Portable** - light-weight & modular design for better handling.

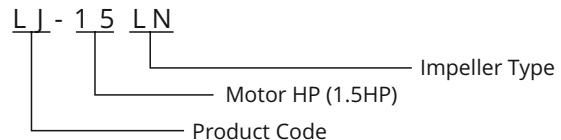
Cross Sectional View



Denominations

Product Code	LJ
Installation	Vertical / Portable
Impeller Characteristic	Radial / Nonclog
Discharge Connection	25/40/50 mm

Nomenclature



Dimensions

* without cable

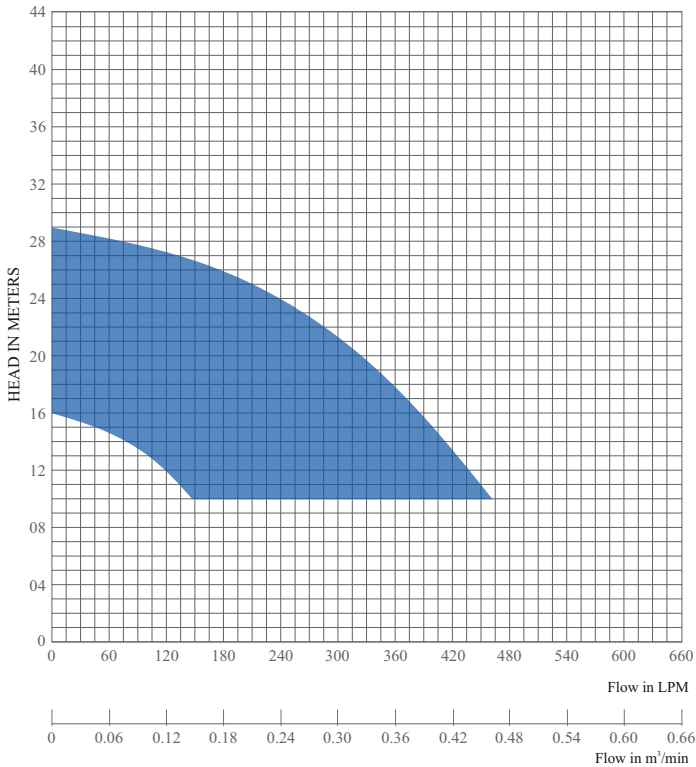
PUMP MODEL	HP/KW	RPM	OUTLET / DN SIZE (mm)	SOLID PASSAGE (mm)	MINIMUM SUBMERGE (mm)	WIDTH (Approx.) (mm)	HEIGHT (Approx.) (mm)	NET WEIGHT (kg)*
LJ-75H	0.75/0.55	2780	25	3	85	256	485	26
LJ-75LN	0.75/0.55	2780	50	6	85	234	445	25
LJ-10H	1.0/0.75	2790	25	3	85	256	485	26
LJ-10LN	1.0/0.75	2790	50	6	85	234	445	25
LJ-15H	1.5/1.1	2800	40	3	85	256	485	28
LJ-15LN	1.5/1.1	2800	50	6	85	234	445	27
LJ-20H	2.0/1.5	2800	50	3	85	256	485	29
LJ-20LN	2.0/1.5	2800	50	6	85	234	445	28

Note: All dimensions are in millimeter (mm).

LJ Series : Technical Specifications & Performance

Performance (Range)*

(Upto 2 HP / 29M Head / 465LPM Flow)



*** We offer fully customised pumps for your specific needs and applications**

Tech. Specifications*

Rating	: Up to 2HP
RPM	: 2900 (nominal)
Frequency	: 50Hz
Supply	: Three Phase - 415 V
Starting	: DOL
Motor	: Wet type

Process Data

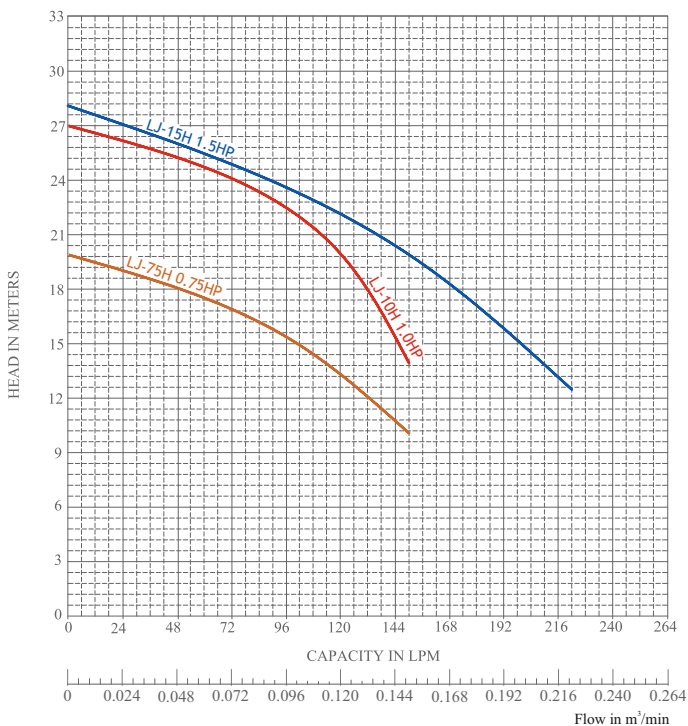
Liquid Temperature	Max 40°C
Liquid Density	Max 1100 kg/m³
Suitable for Liquid pH	6 to 8
Strainer Hole Size	Up to 6 mm

Materials*

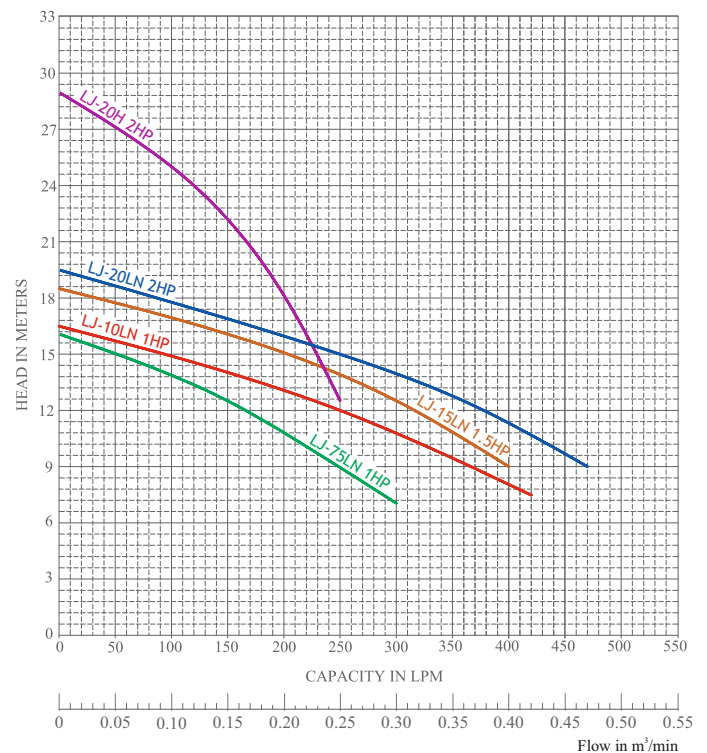
Impeller	: CI / Various grades of SS
Shaft	: EN8 / Various grades of SS
Difusser	: Various grades of CI / AL / SS
Wear Plate	: Various grades of CI / SS
Mech. Seal	: Sic v/s Sic, Tc v/s Tc

*** Option of complete pump in special MoC is also available**

Performance for Pump in DN-25/40mm



Performance for Pump in DN-50mm



User Industries and Applications



Building Services

- Storm water pumping
- Basement sump dewatering
- Landscaping
- Fountains
- Waterfalls
- Horticulture & irrigation projects



Civil and Infra Sector

- Road building
- Bridge building
- Tunneling projects
- Metro rail projects
- Airport Authorities
- Industrial infrastructure



Industrial Sector

- Dewatering of contaminated water with sediments
- ZLD projects
- Utility applications
- Cooling towers
- Hot water Pumping
- Extraction of water from rivers, lakes, reservoirs, ponds etc.



Municipal & Govt. Sector

- Emergency storm water pumping
- Flood relief applications
- Dewatering of under passes and tunnels
- River linking projects
- Dam site dewatering
- PHED's, PWD's and CPWD's

Options

- Option of pumps with inbuilt agitator arrangement.
- Pumps can be offered for 60Hz.
- Variety of MOCs to choose from.
- Special series of pumps for pumping hot water.
- Special series of pumps for saline water pumping.

Recommendations

- Always flush the pump with clean water after use.
- In case of maintenance always use Genuine Spares.
- Ensure use of proper control panel for proper safety & running of Dewatering pumps.
- Always ensure that pump is properly earth.

For exclusive range of
Darling products scan



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