

*Slurry Handling*  
Creating solutions  
over three decades



*Simply pump!*

# SLURRY PUMPS ENGINEERED TO PERFECTION



Heavy duty, large dia, sturdy pump shaft is cantilevered below the bearing housing

Pumps can be offered for slurries with specific gravity up to 2.8

No submerged bearings, stuffing box or shaft seal

No water flushing through service water pump

Anti-friction, grease lubricated bearings are totally protected against contamination

If application demands agitator arrangement can be provided

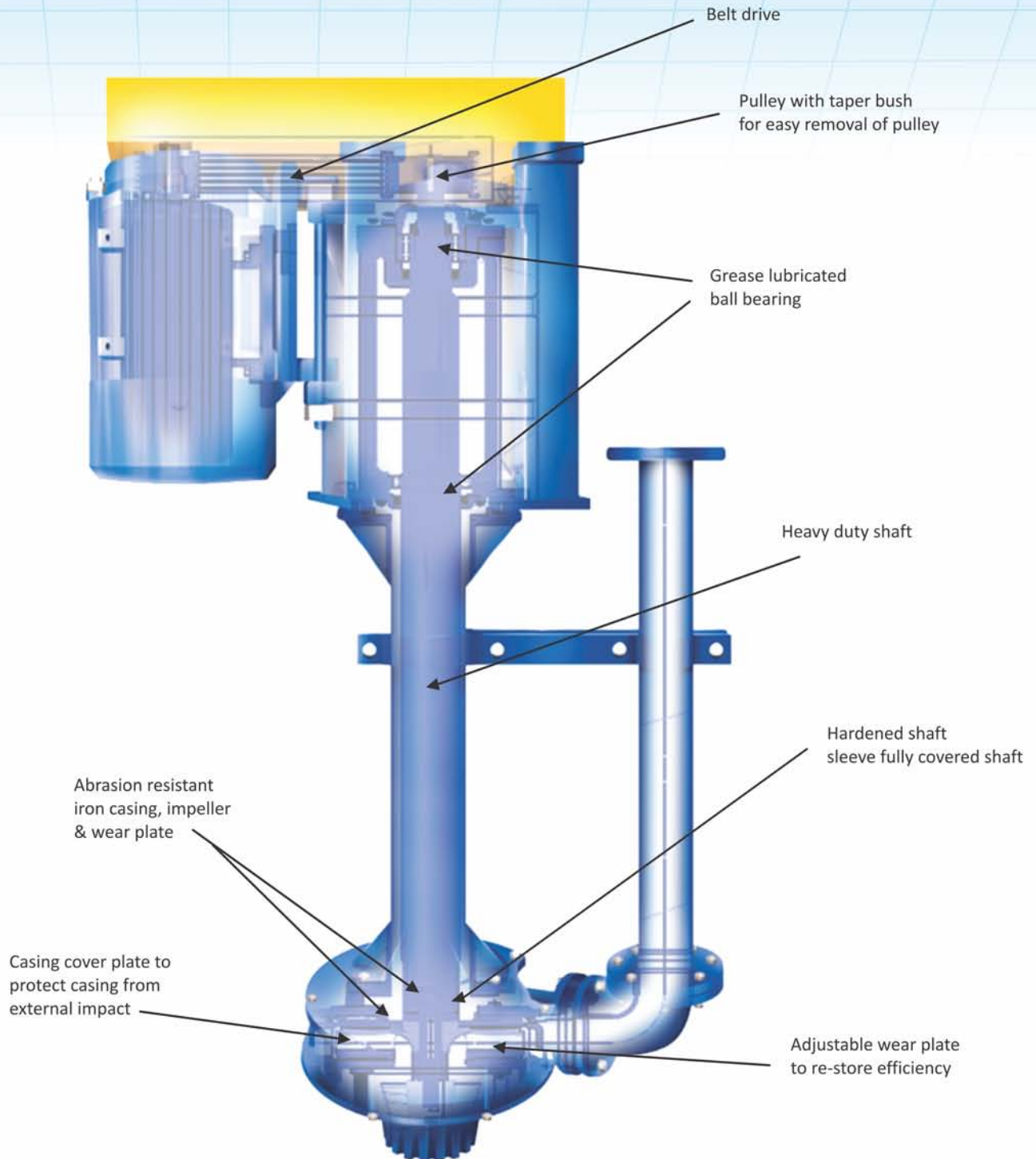
CL SERIES PUMP

**DARLING PUMPS**  
Pioneers in Submersible

# CL SERIES PUMP

Cantilever Slurry Pumps are heavy duty pumps which are specially designed to pump settled slurry containing solids of desired size & concentrations up to 65% by weight of the liquid. These pumps are designed to handle very abrasive slurries.

Cantilever Slurry Pumps have been specially designed to suit the tough Indian working & climate conditions, which gives it an edge over imported pumps whose maintenance is both difficult & costly due to non-availability of spares & proper service backup. Darling Pumps to a large extent can be maintained at site itself.



# CL SERIES PUMP

CL Series Pumps are ideal for ash handling in power plants, cement plants, abrasive iron slurry in steel plant, de-silting of waste collections ponds, conveyor tunnel sumps, trench clean out, mill scale slurry, mineral processing units, blast furnace, sugar industries, petro chemical industry, ceramic, granite, marbles, stone cutting & sawing industries, coal/ore mining, gravel pits & quarries, paper mills, power plant & many more similar applications.

## DENOMINATION

Product code	CL
Installation	Vertically mounted
Impeller characteristics	Semi Open

## CAPACITY

Discharge	Upto 14000 LPM
Head	Upto 65 Mtr
Solid passage	Up to 32 mm

## PROCESS DATA

Liquid temperature	Max +90° C
Liquid density	2.8 gm/cc
Solid concentration	65%
by weight up to	

## DRIVE

Direct coupled	Vertical flange mounted electric motor
Belt driven	Vertical foot mounted electric motor

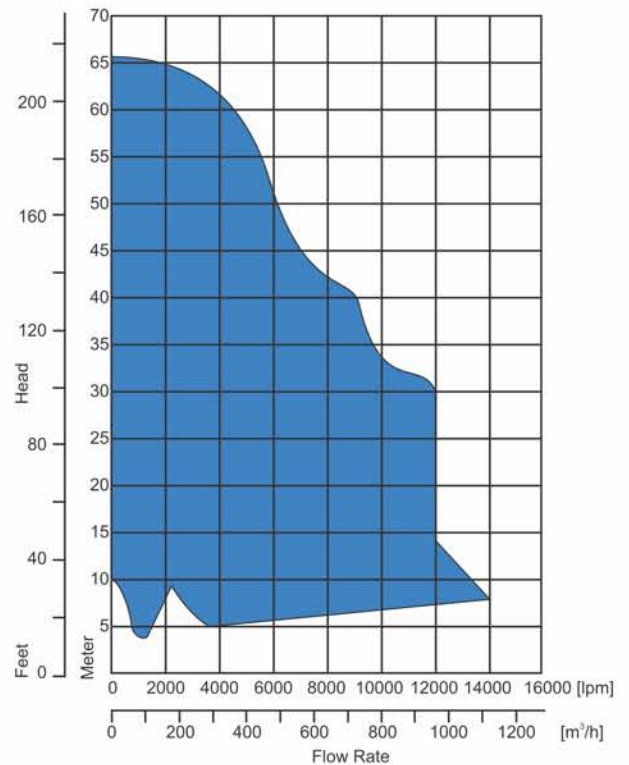
## MATERIALS\*

Casing	Hi-Chrome / SS
Impeller	Hi-Chrome / SS
Wear plate	Hi-Chrome / SS
Shaft	SS 410 / SS 431 / SS 304 / SS 316

\*If application demands other MOCs can also be provided



## FAMILY CURVES



# CL SERIES PUMP



## OUR COMPLETE RANGE OF PRODUCTS



### CLEAR WATER PUMPS

**Head**  
Up to 150 M

**Capacity**  
Up to 6000 LPM

**Rating**  
0.75 to 110 kW

**Suitable for:**

- Housing & commercial complex
- Sprinkler & drip irrigation
- River water pumping
- Gardening
- Water supplies in industries, hospital, hotels, cooling tower etc.
- Raw water pumping



### DEWATERING PUMPS

**Head**  
Up to 108 M

**Capacity**  
Up to 12000 LPM

**Rating**  
0.55 to 110 kW

**Suitable for:**

- Infrastructure project
- Construction sites
- Steel / power plant
- Pumping heavily contaminated water with sand & gravel
- Mines dewatering
- Micro tunneling projects



### WASTE WATER PUMPS

**Head**  
Up to 72 M

**Capacity**  
Up to 1800 LPM

**Rating**  
0.37 to 37 kW

**Suitable for:**

- Packaged STP / ETP
- Treated water
- Drainage & septic tanks waste pumping
- Industrial processes
- Pharmaceutical plant
- Waste in hotels, hospital, malls etc.



### SEWAGE EFFLUENT PUMPS

**Head**  
Up to 62 M

**Capacity**  
Up to 14000 LPM

**Rating**  
2.2 to 110 kW

**Suitable for:**

- Raw unscreened sewage.
- STP & ETP plants
- Sewage pumping station
- Boiler room
- Effluents & solvents
- Industrial waste water
- Storm & tunnel water de-watering



### SLURRY PUMPS

**Head**  
Up to 85 M

**Capacity**  
Up to 14000 LPM

**Rating**  
3.7 to 110 kW

**Suitable for:**

- AHP / CHP
- Metal processing unit
- Mineral processing unit
- Mineral mines
- Iron scale slurry
- Ceramic slurry

**Disclaimer:** On account of continuous improvements, data mentioned in this leaflet is subject to change without prior notice.



## DARLING PUMPS PVT. LTD.

### HEAD OFFICE

36-F, Sector B, Sanwer Road,  
Indore - 452015, India.  
Tel : +91 731 2720558, 2721782.  
Fax : +91 731 2721136.  
E-mail : dpplin@darlingpumps.in

### SALES OFFICE

124, B-Wing, First Floor, Runwal Commercial Complex,  
Opp. Govardhan Nagar, L.B.S. Marg,  
Mulund (W), Mumbai - 400 080, India.  
Tel : +91 22 25604451. Fax : +91 22 25682690.  
E-mail : dpplm@darlingpumps.in

### WORKS

K-No.340/2, Tigaria Badshah,  
Agarbatti Complex, Industrial Estate,  
Sanwer Road, Indore - 452015.  
Tel : +91 731 2972043 / 2970052

### EXPORTS

exports@darlingpumps.in



darlingpumps.in