

Waste Water
Creating solutions
over three decades



Simply pump!

A HEAVY DUTY SUBMERSIBLE CUTTER PUMP



Economical, Compact and Sturdy

Built-in stand for free flow of solids

Hardened alloy steel cutters, generating 9000 chops per min, for effective cutting

In-built temperature sensing device to prevent dry running, overloading or mechanical jamming

Choice of impellers and casing to meet various duty conditions

Choice of variety of MOCs

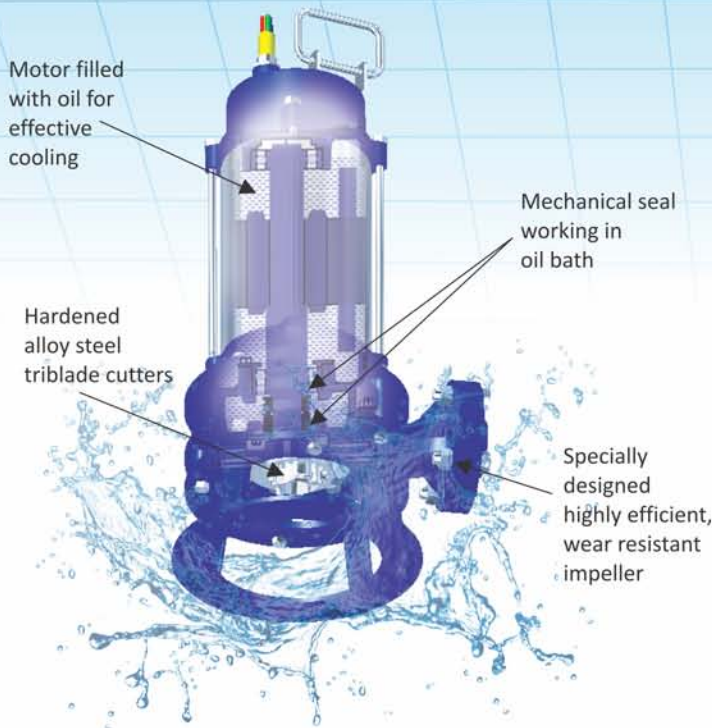
Available for portable installation or with/fixed, (Guide rail)

GRINDER SERIES PUMP

DARLING PUMPS®
Pioneers in Submersible

DG SERIES PUMP

Darling DG series Grinder Pumps can be ideally used for all types of Sewage applications in Hotels, Residential, Commercial, Industrial Wastewater, IT parks, Malls, Hospitals, Fisheries, Slaughter House, Food Processing Industry, Pharmaceutical units etc...



DENOMINATION

Product code	DG
Installation	Portable
Impeller characteristics	Radial

PROCESS DATA

Liquid temperature	Max +40°C
Liquid density	Max 1100kg/m ³
Suitable for liquid pH	6.5 to 8

MOTOR DATA

Submersible squirrel cage Induction motor	
Frequency	50 Hz (±3%)
Voltage	415 (+6/-15%)
Phase	Three
Starting	D.O.L

SPEED & CURRENT

kW	Wt. (Kg)	Speed of motor(RPM)	Rated Current
0.75	23	2790	2.1
1.5	42	2800	3.3

MATERIALS

Casing	Cast Iron
Impeller	Cast Iron Steel
Motor body	Stainless Steel
Cutter	Hardened Alloy Steel
Shaft	Stainless Steel

MONITORING EQUIPMENT

Thermal contacts cut off temperature +85° C

CABLE

Heavy-duty double sheathed Submersible cable

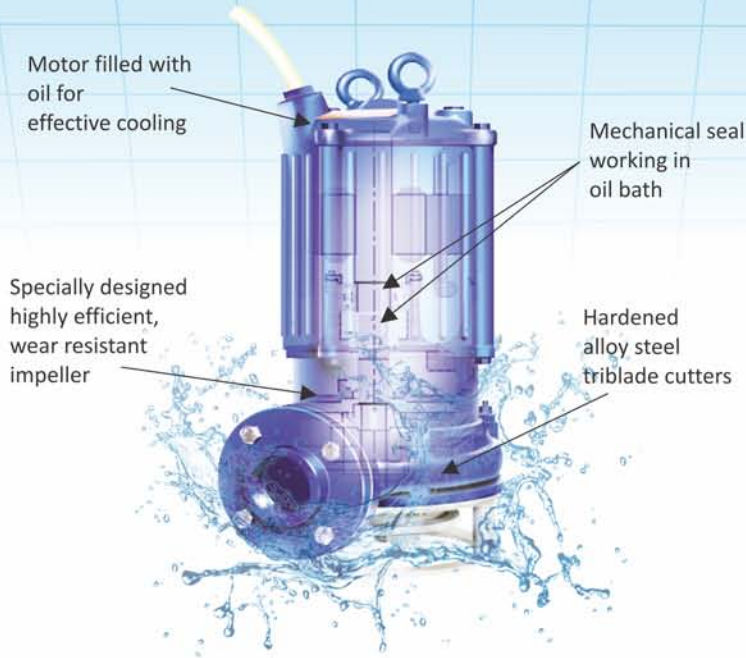
GRINDER DG SERIES PUMP

Model	kW/HP	Outlet in MM/Inch	50	100	150	200	250	300	350	400	DISCHARGE IN LPM
DG-101	0.75/1	40 / 1.5"	12	9.4	7	4.8	-	-	-	-	HEAD IN MTRS
DG-201	1.5/2	40 / 1.5"	20	16.5	8.8	-	-	-	-	-	
DG-202	1.5/2	50 / 2"	13.8	12.8	11.6	10.5	9.1	7.4	5.2	-	

- Note:**
- Above performance is at rated voltage (415 Volts), 3 phase & rated frequency (50 Hz)
 - Above performance is for specific gravity 1 and viscosity as of water.
 - Due to continuous improvements from time to time, given performance is subject to change without any prior notice.
 - Highlighted / Bold duties are best efficiency point for given pump.

GR/GP SERIES PUMP

Darling GP series Grinder Pumps can be ideally used for all types of Sewage applications in Hotels, Residential, Commercial, Industrial Wastewater, IT parks, Malls, Hospitals, Fisheries, Slaughter House, Food Processing Industry Pharma units etc...



DENOMINATION

Product code	GP
Installation	Portable
Impeller characteristics	Radial

PROCESS DATA

Liquid temperature	Max +40°C
Liquid density	Max 1100kg/m ³
Suitable for liquid pH	6.5 to 8

MOTOR DATA

Submersible squirrel cage Induction motor	
Frequency	50 Hz (±3%)
Voltage	415 (+6/-15%)
Phase	Three
Starting	D.O.L / Star Delta

SPEED & CURRENT

kW	Wt. (Kg)	Speed of motor(RPM)	Rated Current
2.2	60	2820	6.5
3.7	65	2830	9
5.5	120	2850	13
7.5	130	2860	16
9.3	150	2860	19
11	175	2870	23
15	190	2880	32

MATERIALS

Casing	Cast Iron
Impeller	Cast Iron
Motor body	Cast Iron
Cutter	Hardened Alloy Steel
Shaft	Stainless Steel

MONITORING EQUIPMENT

Thermal contacts cut off temperature +85° C

CABLE

Heavy-duty double sheathed Submersible cable

GRINDER GP SERIES PUMP

Model	kW/HP	Outlet in MM/Inch	50	100	150	200	250	300	350	400	450	500	550	DISCHARGE IN LPM
GR-03LM	2.2/3	50 / 2"	17.3	16.6	15.5	14.2	11.8	-	-	-	-	-	-	
GR-03LH	2.2/3	50 / 2"	29	26.7	21.3	-	-	-	-	-	-	-	-	
GP-03D	2.2/3	80 / 3"	13.4	12.8	12.3	11.6	10.8	10	9	7.9	-	-	-	
GP-05D	3.7/5	80 / 3"	16.7	16.4	16	15.6	15.1	14.5	13.8	13	12	10.7	9.5	HEAD IN MTRS
GP-10FH	7.5/10	65 / 2.5"	-	39.4	39	38.5	37.5	36.3	34.5	32	28.3	24	-	
GP-12FH	9.3/12.5	65 / 2.5"	47.4	47	46.3	45.6	44.8	43.5	42	40	37.1	33.8	30	
GP-15FH	11.2/15	65 / 2.5"	-	52.4	52	51.5	50.6	49.7	48.1	46	43	39.2	35	

Model	kW/HP	Outlet in MM/Inch	100	200	300	400	500	600	700	800	900	1000	1100	DISCHARGE IN LPM
GP-07E	5.5/7.5	100 / 4"	13.6	13.2	12.8	12.3	11.8	11.3	10.7	10	9.2	8.4	7.5	
GP-07D	5.5/7.5	80 / 3"	19.3	18.6	17.6	16.5	15	13	11	-	-	-	-	
GP-10D	7.5/10	80 / 3"	24.3	23.8	23	22.2	21	19.8	18.1	16.1	14	-	-	
GP-10E	7.5/10	100 / 4"	-	15.8	15.6	15.5	15.3	14.8	14.5	13.8	13	12	10.5	HEAD IN MTRS
GP-12E	9.3/12.5	100 / 4"	28.2	27.5	26.8	25.8	24.4	23	21	18.5	15.8	-	-	
GP-20E	15/20	100 / 4"	-	27.5	27.1	26.8	26.4	26	25.4	24.8	23.8	21.5	20	
GP-20HM	15/20	80 / 3"	-	43.2	43	42.5	41.8	41.1	40.2	39	37.6	35.8	33.3	

- Note:**
1. Above performance is at rated voltage (415 Volts), 3 phase & rated frequency (50 Hz)
 2. Above performance is for specific gravity 1 and viscosity as of water.
 3. Due to continuous improvements from time to time, given performance is subject to change without any prior notice.
 4. Highlighted / Bold duties are best efficiency point for given pump.

GRINDER 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.



Simply pump!



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