

# SLUDGE PUMP - SLD series

## 50Hz - 4 Pole



### Applications

- harbour construction
- ash transfer
- silt removal
- sand and gravel pumping
- barge and tank clean out
- lime slurry
- coal runoff sumps
- food waste

Models	Phase	Pole	Models	Phase	Pole
SLD-353	3Ø	4	SLD-3156	3Ø	4
SLD-3754	3Ø	4	SLD-3206	3Ø	4
SLD-3104	3Ø	4	SLD-3306	3Ø	4

### Product Description

SLD series has 6 models that offer:

- ◆ dry type submersible pumps with inner cable and cable base filled with EPOXY to raise humidity resistance.
- ◆ world class innovative design pump
- ◆ suction casings made of chromium alloy steel
- ◆ double mechanical seal made of silicon carbide
- ◆ top discharge pumps are cooled by pumped liquid
- ◆ all O-rings made of nitrite rubber
- ◆ can pump from pit to within inches from the bottom
- ◆ convenient to move pump from one site to another
- ◆ strict adherence to CE and UL standards

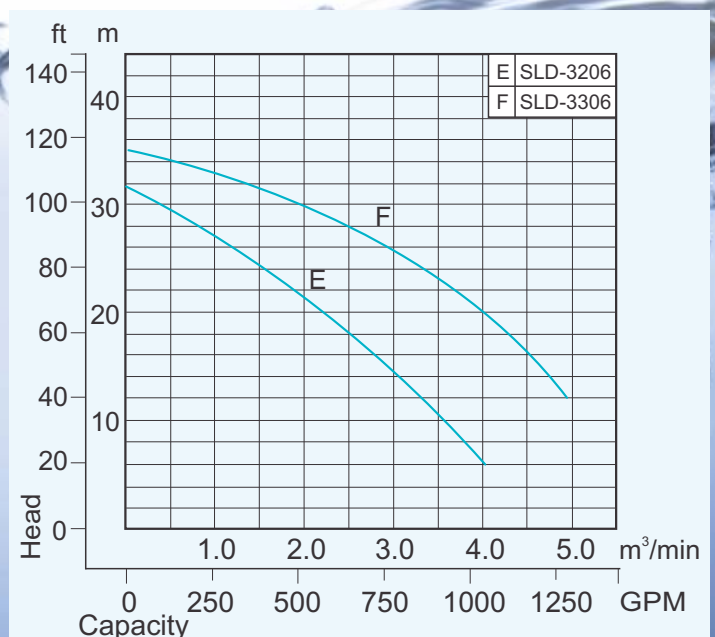
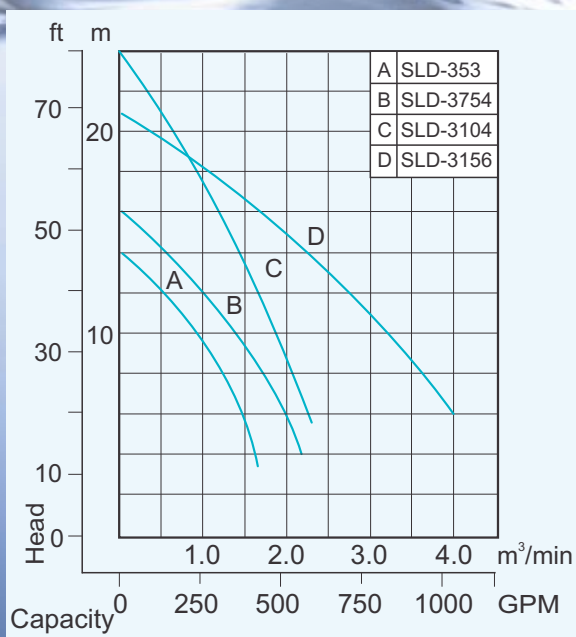


Coal mining



Paper and pulp industry

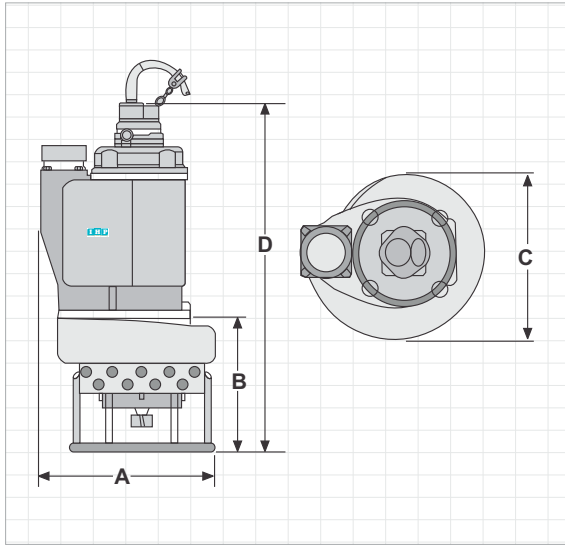
### Performance Curves



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### Dimensions & Weight



TYPE	A	B	C	D
SLD-353	419	304	408	820
SLD-3754	419	304	412	820
SLD-3104	438	304	408	840
SLD-3156	419	304	488	1100
SLD-3206	546	406	488	1100
SLD-3306	576	406	577	1325

### Specifications

#### Impeller

- High chromium alloy steel (HCR)
- High wear resistance
- Dynamic digital balance test
- Semi-open impeller



#### Agitator

- Solids to slurry
- Prevents clogging
- High chromium alloy steel

<b>Motor</b>	Type	Submersible continuous duty
	Pole	4-P
	Insulation Class	H-class (180°C)
	Frequency	50Hz
	Protector	Auto-cut (Over-heat & Over-load)
	Pole Rotation	4P/1425 RPM
	Protection class	IP-68
<b>Materials</b>	Casing	SUS 304
	Shaft	SUS 403/SUS 410/SUS 420
	Cable	CE/UL Standards
	Seal	Double silicon carbon mechanical seal
<b>Pump</b>	Outlet-mm	75. 100. 100mm (3", 4" and 6")
	Impeller Type	Semi open Impeller
	Impeller Material	HCR (High Chromium alloy steel)
	Mechanical Seal	Double silicon carbon mechanical seal
	Bearing	Heavy duty bearing
	Maximum Depth	35-Mts
	Liquid temperature	0~40°C (32° F - 104° F)
Volute Casing	Hardened Ductile Iron	

### Hydraulic Data

Model	Output Hp(kW)	Outlet in inches	Phase	Pole	Standards		Max Diameter mm	Height mm	Weight kg	Cable Meter
					Head m	Capacity m <sup>3</sup> /min				
SLD-353	5(3.7)	3"	3 ∅	4	10	0.9	420	820	110	10
SLD-3754	7½(5.5)	4"	3 ∅	4	12	1.0	420	820	120	10
SLD-3104	10(7.5)	4"	3 ∅	4	17	1.0	420	840	130	10
SLD-3156	15(11)	6"	3 ∅	4	15	2.0	570	1100	240	10
SLD-3206	20(15)	6"	3 ∅	4	18	2.5	565	1100	265	10
SLD-3306	30(22)	6"	3 ∅	4	20	4.0	578	1325	410	10

\* We reserve the right to amend specification without prior notice.

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### Applications



Underground construction de-watering



Bridge construction de-watering



Cement factory



Cement factory



Waste water treatment plant



Waste water treatment plant



Sewage treatment



Harbour construction



Chemical factory



Industrial waste water

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