

Pumps you can rely on

AQUA GROUP

Three Phase Submersible Construction Dewatering Pumps CDT Series

AQUATEX[®]



AQUASUB ENGINEERING
Coimbatore - 641 034

Three Phase Submersible Construction Dewatering Pumps

CDT Series



Salient Features

- ◆ Heavy duty high Head / high Volume dewatering pump.
- ◆ Designed to pump highly abrasive sand laden water in construction sites and mines.
- ◆ Maximum submersion is possible due to mechanical seal's resistance to high pressure.
- ◆ Rugged cast iron construction.
- ◆ Designed for efficient motor cooling by top discharge flow.
- ◆ Top mounted outlet renders pump suitable for installation in confined spaces

Applications

- ◆ Draining sand laden water in construction and civil engineering sites.
- ◆ Dewatering Mines.
- ◆ Deepwell pre dewatering
- ◆ Commercial and Industrial Waste water drainage
- ◆ Effluent water transfer.

Product Data

MODEL	: CDT Series
HP \ kW Rating	: 2.0 HP to 15.0 HP / 1.5 kW to 11.0 kW
Delivery Size	: 50 mm to 150 mm
Head Range	: 2 m to 46 m
Discharge Range	: 200 lpm to 2500 lpm

Constructional Features

Motor

- ◆ Three phase dry type submersible induction motor.
- ◆ Highly efficient continuous duty air filled 2 pole motors from 1.5 kw to 11 kw.
- ◆ Dual mechanical seal with two silicon carbide sealing ensures durability.
- ◆ Pumps can be installed at greater depth as mechanical seal endures water pressure upto 10 kgf / cm².
- ◆ Oil lifter providing efficient lubrication and cooling effect to mechanical seal extends mechanical seal life.
- ◆ Double shielded permanently lubricated high temperature deep groove ball bearings extend operational life.
- ◆ Built in thermal overload protector prevents motor failure due to single phasing and overloading.
- ◆ Anti wicking cable entry prevents water incursion into water.

Pump

- ◆ Delivery size 50 mm to 150 mm.
- ◆ Semi open, High Chrome iron impeller with ductile iron wear plate increases wear resistance when pumping water with abrasive particles.
- ◆ Designed to feed the water along the channel through top discharge flow for effective cooling of the motor.
- ◆ Grey iron casing.
- ◆ Ductile iron suction plate.
- ◆ Stainless steel shaft.

*Due to continuous efforts at improving value, information furnished above is subject to change without notice.

Warranty - All products carry a 12 months warranty from the date of purchase against manufacturing defects

Manufactured **Exclusively** by:

AQUA GROUP

**AQUASUB ENGINEERING
AQUAPUMP INDUSTRIES**

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