



DEWATERING PUMPS SOLUTIONS

Submersible Dewatering
Ultra High Head Pumps Range



SALES RENTAL AND TURNKEY SERVICES

APPLICATIONS

Cosmos CDW UH series of submersible pumps have been designed and built to offer high performance, reliability and ease of use across multiple applications.



Construction



Mining Site Dewatering



Hydro Electric Projects



Infra Projects



Tunnel

Cosmos pumps offer wide range of electric driven Dewatering pumps which include non-clog and Slurry pumps which are Modular, light weight and portable in design, offering ease of operation and servicing thus giving less down time and more pumping.

DEWATERING PUMPS

CDW Series, Ultra High Head

POWER CABLE

100% Water & Oil proof, PVC insulated, double sheathed, copper conductor flexible cable of 20 mtrs length.

EASE OF HANDLING

Lifting Hook (SS316) provided for ease of access while operations.

ENHANCED PERFORMANCE

Motor body & wetted parts are of (CI FG 300) which makes the pump efficient & improves efficiency day to day on continues running.

RUST PROOF

Anti-Corrosive Stainless Steel Strainer & all hardware.

IMPROVED ABRASIVE RESISTANCE

All rubber parts are made up of Viton rubber which can withstand saline water & can also be used where containment of abrasive particles are more

NATURALLY COOLED

As motor is naturally cooled thus overall efficiency is more & probability of failure is less.

HIGH WEAR RESISTANCE

2-Stage Impeller in SS316 grade which resists wear & tear caused by abrasive particles & enables pump for extended performance

MULTI STAGE PUMP

2 stage Ultra High Head Pump for dewatering purpose upto 200m

MODULAR SEALING SOLUTION

Dual SiC vs SiC mechanical & Oil seal, Which offers double sealing, reliability and Zero leakage into motor in abrasive & muddy environment. Therefore, reducing the risk of failure & ensure long life between service intervals.

FLEXIBLE DEPLOYMENT

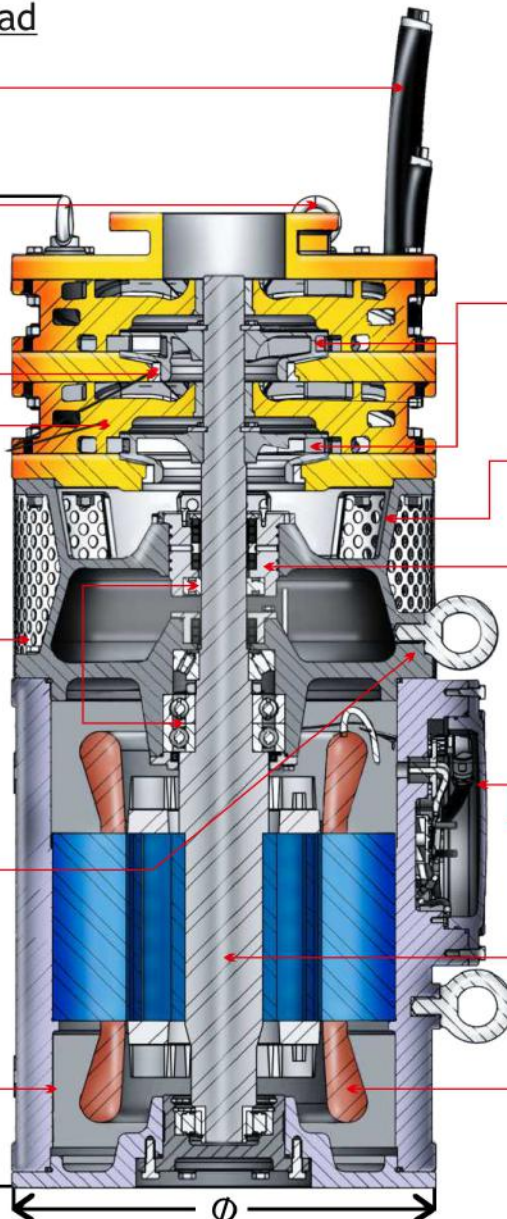
It can be installed and used in vertical as well as Horizontal position.

ANTI-CORROSIVE

High torsional strength shaft (SS431)

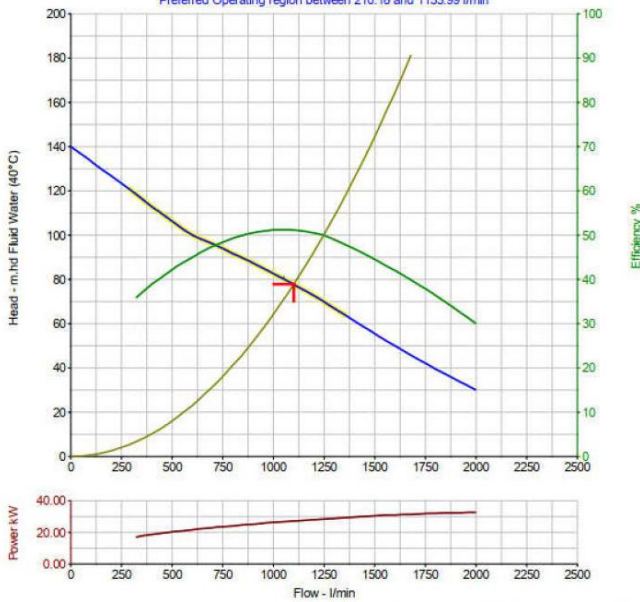
MOTOR PROTECTION

H class insulation winding (temperature rise to 180C) embedded with thermal sensor in stator winding which protects the motor in the event of excessive high temperature.



PERFORMANCE CURVE

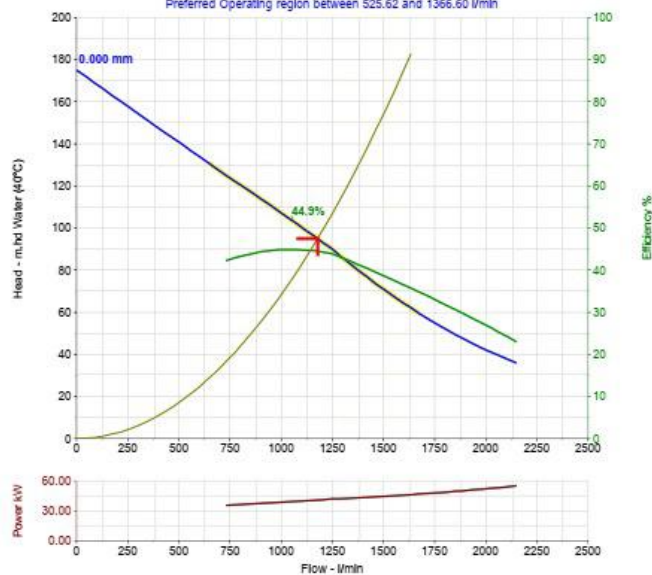
Preferred Operating region between 210.18 and 1155.99 l/min



CDW504UH

RPM	Outlet (mm)	DIMENSIONS (mm)		MAX SOLID SIZE(mm)	Current (A) @ 415 V	Weight (Kg)
		H	Φ			
2900	100	1250	550	25	69	800

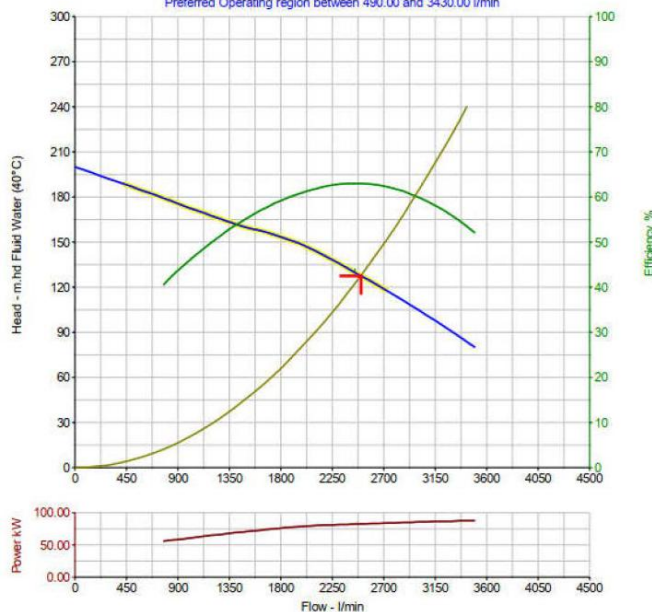
Preferred Operating region between 525.62 and 1366.60 l/min



CDW754UH

RPM	Outlet (mm)	DIMENSIONS (mm)		MAX SOLID SIZE(mm)	Current (A) @ 415 V	Weight (Kg)
		H	Φ			
2900	100	1450	550	25	116	1400

Preferred Operating region between 490.00 and 3430.00 l/min



CDW1206UH

RPM	Outlet (mm)	DIMENSIONS (mm)		MAX SOLID SIZE(mm)	Current (A) @ 415 V	Weight (Kg)
		H	Φ			
2900	150	1450	750	25	164	1600

“ WE ARE ON A MISSION TO BE
THE FIRST CHOICE FOR DEWATERING
BY MANUFACTURING STATE-OF-THE-ART PUMPS,
EQUIPMENT RENTALS & TURNKEY SOLUTIONS. ”

SALES AND SERVICES NETWORK

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