

SUBMERSIBLE DEWATERING PUMP *"Aldew"* Series



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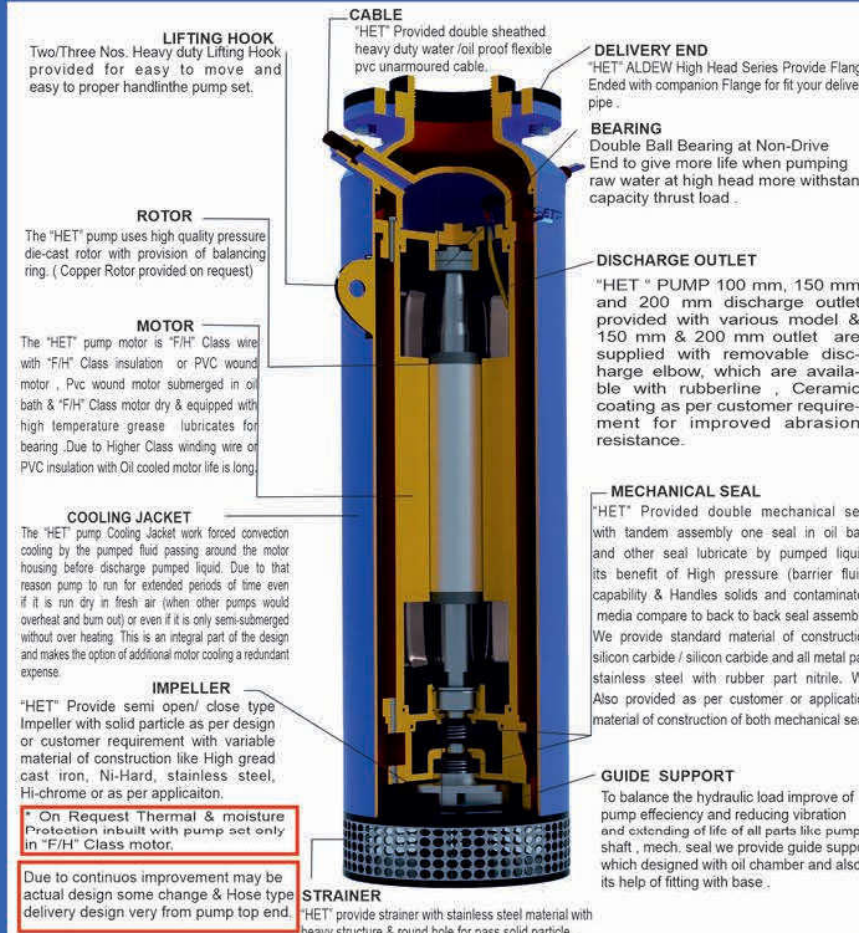
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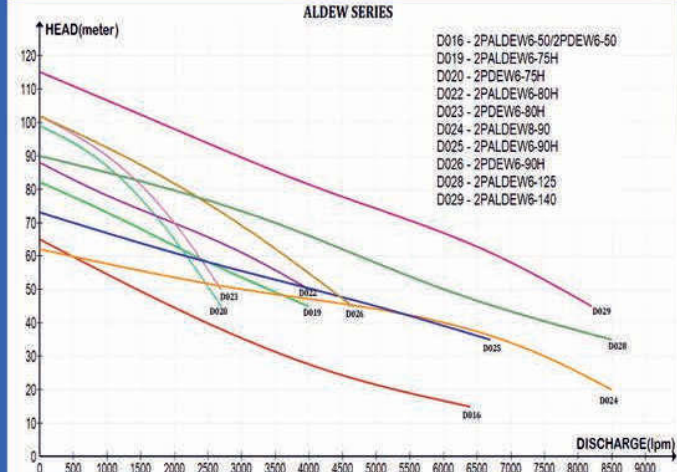
NON-CLOG SUBMERSIBLE DEWATERING-HIGH HEAD SERIES "ALDEW" SERIES



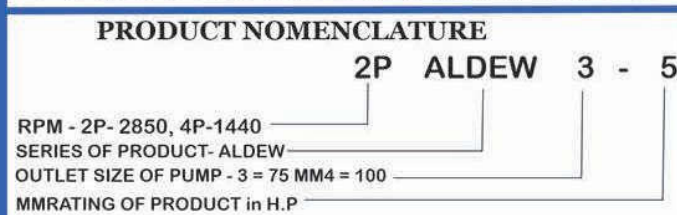
"HET" "ALDEW" Series is Flange ended submersible dewatering pump comes in dry or oil - filled design . It gives liberty to use product of your own choice all types of material of construction are available as per application. This pump design Series is designed in single Stage Submersible Centrifugal Vertical (Mono Block Type) Construction , top discharge bottom suction This series pumps are available with semi open and close impeller up to 35 mm solid handling size capability .

SPECIAL FEATURE

- "HET" Motor enclosure prevent electrical motor heating burnout.
- "HET" Motor with reserve power for direct online starting when its lift raw water from sump with solid content.
- "HET" Pump equipped with double mechanical seal tandem assembly benefit capable high pressure (barrier fluid) .
- "HET" Pump no require priming due to submersible and capable run semi submergence due to cooling jacket.
- "HET" Pump design top discharge bottom suction its easy to install at site no any special structure require same.
- "HET" Pump equipped with motor cooling jacket & "F/H" Class winding or pvc oil cooled due to that more efficient and perform batter in raw water application.
- "HET" Pump equipped with bottom base stainless steel strainer heavy structure and capable with solid content handling capacity with various size as per requirement.
- "HET" Pump provided additional feature on request like Thermistor Sensor for against heat protection of motor in dry run condition ,Moisture Protection for water ingress in motor .
- "HET" Pump equipped with non-drive end double ball bearing and drive end also double ball bearing or angular contact bearing oversize for extend the motor life in raw water application.
- "HET" Pump wetted part are offer with various material of part and also special coating (as per application) with Semi open /close Impeller material which batter perform and batter life in raw/sea water/industrial water application.



- | MATERIAL OF CONSTRUCTION | TECHNICAL SPECIFICATION |
|--|---|
| <ul style="list-style-type: none"> • Cast Part : C.I, FG 260 /S.G.Iron/ As per Customer Requirement. • Impeller : Cast Iron / Hi-Chrome / S.S. 410 / Ni-Hard /S.S. 304/316 As per customer requirement. • Motor Body : Cast Iron/ S.S / S.S.OR M.S. Fabricated • Shaft : S.S. 431/ S.S. 410 / S.S. 304/316 (Pump Side) • Mechanical : Tungsten Carbide/ Tugsten Carbide Silicon Carbide/Silicon Carbide. • Rubber Part : Viton / Nitrile /Silicon or As per req. • Fastner : All faster S.S. 304 or As per req. • Cable : Unarmoured type Double Sheathed Heavy duty water proof. • Motor Winding : "F/H" Class or PVC oil filled oil cooled • Rotor : Aluminum Die-cast (Copper rotor on request). | <ul style="list-style-type: none"> • Motor - 50.0 HP TO 140.0 HP • RPM - 2900 (2 POLE) • HEAD - UP TO 140 MTR. • DISCHARGE - UP TO 9000 LPM • SUPPLY - 415V /3PH/50HZ/AC SUPPLY • WINDING - "F/H" OR PVC OIL FILLED |
| APPLICATION | |
| <ul style="list-style-type: none"> • Mining Area - Coal, Stone , Copper Etc. • Steel Plant - All raw water/ waste water /dust water handle in various area. • Power Plant -All raw water/waste water/dust water handle in various area • Industrial water /Sea water / Irrigation /canal • Specially design for high head application where require raw water lift from high head • River Sand lifting application • Dewatering purpose / raw water lift from river for water supply etc.. | |



- | ACCESSORIES (OPTIONAL) | OPTIONAL DESIGN FEATURES |
|---|---|
| <ul style="list-style-type: none"> • Control Panel , Float switch • Hose pipe- Rubber/Pvc/ Hydrant etc. • Quick Release copuling • Hose Collor/ Flange • Toolkit • Lifting Chain /Rope etc. | <ul style="list-style-type: none"> • Impeller Trim • Optional Hydraulic Design • Change in Material of construction • Additional Cable length |

DEALER/DISTRIBUTOR :

MANUFACTURER BY:
HET ENGINEERING & PUMP INDUSTRIES PVT. LTD.
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