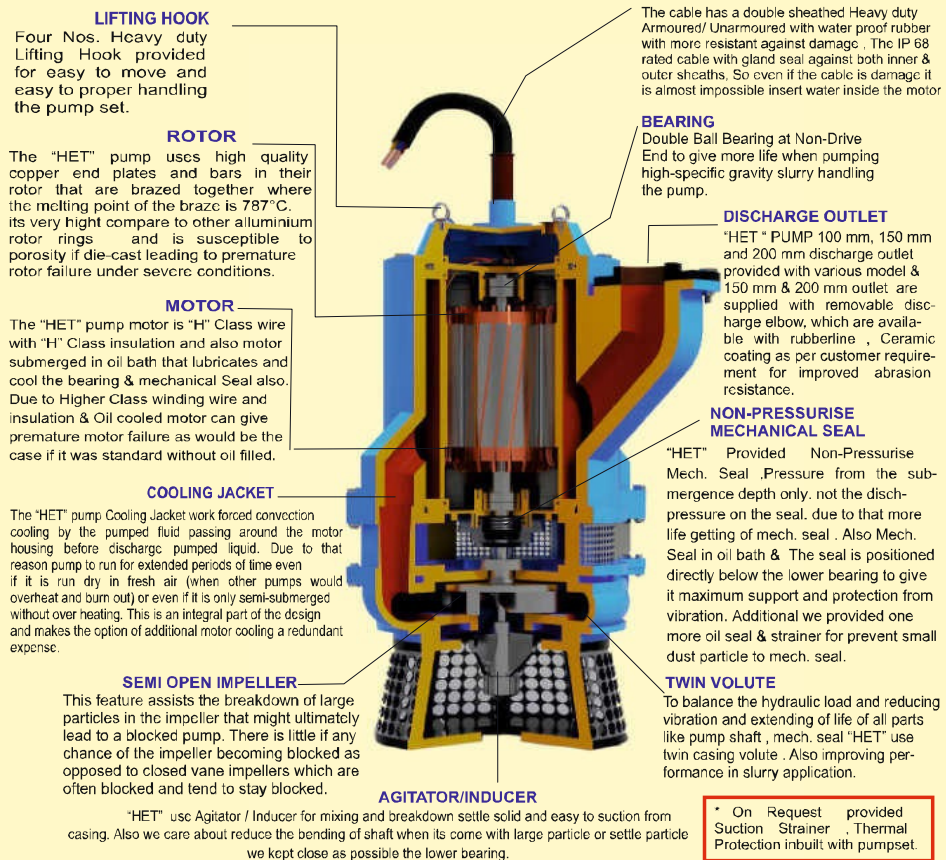


Heavy Slurry Lift Submersible Pump “ssew” Series



*Heavy Slurry
Up to 2.8 g/cm³*

HEAVY DUTY SLURRY SUBMERISBLE PUMP "SSEW" SERIES



* On Request provided Suction Strainer , Thermal Protection inbuilt with pumpset.

"HET" Non-Clog Submersible Slurry Pumps are designed to handle raw water maximum up to 2.8 kg/cm² . It can handle solids up to 40 mm. Submersible Bottom Suction Pump Range is used in applications where the solid particles in the liquid has already settled out and needs to be agitated before being pumped. The all metal pump construction with High Chrome hydraulic design as standard contribute durability and high efficiency. The "HET" pump range can be fitted with wide variety accessories to accommodate the client's requirements.

SPECIAL FEATURE

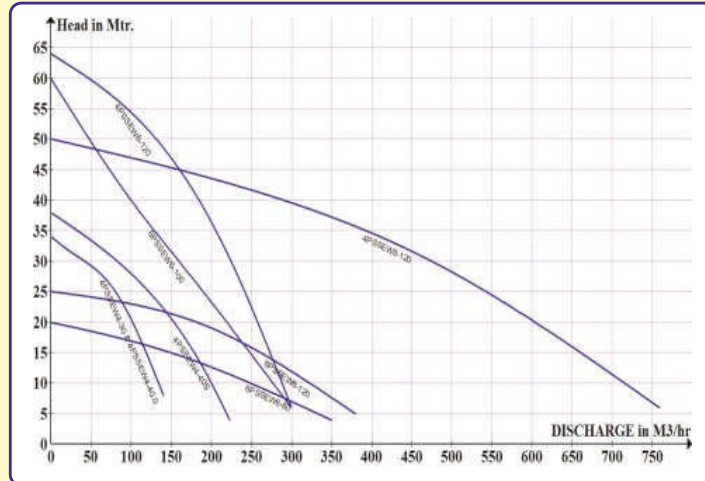
- "HET" Motor enclosure prevent electrical motor heating burnout.
- "HET" Motor with reserve power for direct online starting when its settled sump solids.
- "HET" Pump equipped with non-pressurise mechanical seal due to that no effected pump media pressure.
- "HET" Pump equipped with Armoured / Unarmoured Cable as per customer requirement.
- "HET" Pump equipped with agitator / Inducer to break-down and re suspend settle solids at suction area.
- "HET" Pump equipped with motor cooling jacket & "H" Class winding & Copper rotor due to that more efficient and perform better in heavy slurry application.
- "HET" Pump casing is twin volute design due to that pump perform well and due to that avoid vibration effect and run smoothly in heavy slurry application.
- "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 slurry application.
- "HET" Pump wetted part are offer with Ni-Hard material of casing or Tungsten /Ceramic coating (as per application) with Semi open Impeller material with Ni-hard or Hi-Chrome which batter perform and batter life in Slurry application.

MATERIAL OF CONSTRUCTION

- Motor Part : C.I. FG 260 /S.G.Iron/ As per Customer Requirement.
- Impeller : Hi-Chrome / S.S. 410 Harden/ Ni-Hard As per customer requirement.
- Agitator / Inducer : Hi-Chrome / S.S. 410 Harden/ Ni-Hard As per customer requirement.
- Casing : S.G. Iron/ Ni- Hard/ C.I. FG 260 With 3 to5 % Nickle / As per customer req.
- Shaft : S.S. 431/ S.S. 410
- Mechanical Seal : Tungsten Carbide/ Tugsten Carbide
- Rubber Part : Viton / Nitrile /Silicon or As per req.
- Fastner : All faster S.S. 304 or As per req.
- Cable : Unarmoured/ Armoured type Double Sheathd Heavy duty water proof.
- Motor Winding : "H" Class
- Rotor : Copper Rotor or As per req.

APPLICATION

- Mining Area - Coal, Stone , Copper Etc.
- Steel Plant - CHP & AHP Area & Other where slurry above 1.5 SG. and thick sludge
- Power Plant -CHP & AHP Area & Other where slurry above 1.5 SG. and thick sludge
- Industrial Slurry
- Sugar Industries, Stone Industries, Other Chemical & Fertilizer Industries where thick Sludge transfer require.
- Jetty area, Sea water application
- River Sand lifting application
- All other application where slurry particle solid up to 25 to 35 mm & S.G. Gravity above 1.5 and up to 2.8 Kg/cm².
- Coal Mill, Slag Mill, Blast furnace , Salting Plant



ACCESSORIES CONTROL PANEL

"HET" Provided fully automatic control panel with protection of Earth Leakage , Overload Protection, Single Phase protection, Short circuit Protection , Thermal Protection (optional) , Dry run protection, Phase failure, Under ,Over voltage protection with Indoor & outdoor both option are available. Additional feature also provided on request.

HEAVY DUTY HOSE PIPE

Heavy Duty Slurry Discharge Hose with operating pressure 7 kg/cm² ,Synthetic Fabric embedded with Double Helical Wire Coils of 12SWG2 standard length - 05 mtr.

TOOL KIT

"HET" Provided tool-kit on request for preventive & Break down maintenance at site.

Quick Release Couplings

ACCESSORIES PICTURE



CONTROL PANEL

RUBBERIZED HOSE PIPE

CHAIN WITH LIFTING ARRANGEMENT

TOOL KIT BOX