



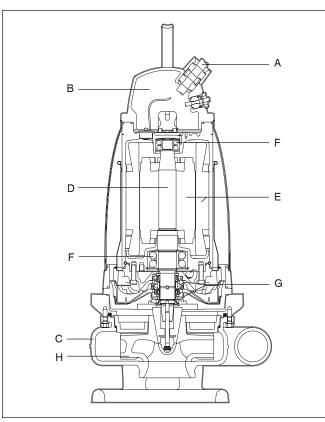
HS-5100.251 Submersible Pump

Abrasion Resistant Slurry Pump



Applications:

HS-5100 is ideal for pumping abrasive slurries, providing high wear resistance and utmost dependability.



Specifications

- А Cable. Standard 50 ft. of SubCab cable. Other lengths available.
- Junction Chamber. Cable entry incorporates a strain relief and grommet В controlled compression sealing.
- С Pump Housing. High strength, cast iron ASTM A48 Class 35B body. Volute/Stand design using high-chrome cast iron ASTM 532 Alloy IIIA. Static seals are leakproof Nitrile rubber O-rings in precision machined grooves, with controlled compression.
- Shaft. Stainless steel AISI 431. D
- Е Motor. Air filled, NEMA design B with class H (180°C) insulation. 4 pole or 6 pole. Shrink-fit to the motor housing. Allows at least 15 starts per hour. Built-in thermal sensors for additional motor overload protection.
- F Bearings. Upper: double row angular contact ball bearing. Lower: double row angular contact bearing.
- Shaft Seals. Special design, including an expeller which protects the G seal from direct particle intrusion from the hydraulic end. Independent double face seals running in environmentally friendly, FDA approved (Standard #172.878) lubricant. Upper seal: tungsten carbide/tungsten carbide. Lower seal: tungsten carbide/tungsten carbide. Float type leakage sensor included.
- н Impeller. Three vane, Non-clog, closed type impellers. Material: highchrome cast iron AISI 532 Alloy IIIA.

Strainer. Painted steel ASTM A 36/A 572 Grade 50, A 618 Grade II.

Agitator. High-chrome cast iron ASTM 532 Alloy IIIA.

Fasteners. Stainless steel AISI 316L.

Approval:

CSA approved to UL Standard #778 Explosion-proof FM approved



Options:

Integral closed loop cooling system, Strainer, Agitator, Stand, Victaulic flange and coupling.

Controls (not shown). Manual and automatic controls available upon request.

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