

# HS-5530.181

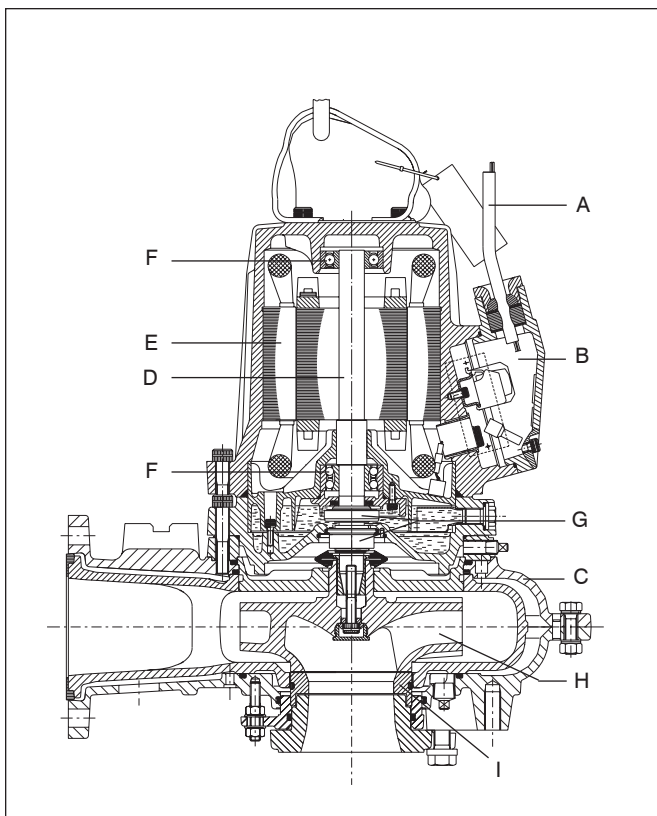
Submersible Pump

## Abrasion Resistant Slurry Pump



### Applications:

HS-5530 is ideal for pumping abrasive slurries, providing high wear resistance and utmost dependability.



### Specifications

- A **Cable.** Standard 50 ft. of SubCab cable.
  - B **Junction Chamber.** Cable entry incorporates a strain relief and grommet controlled compression sealing.
  - C **Pump Housing.** High strength, cast iron ASTM A48 Class 35B body. Split volute design with easily **replaceable** wear lining of high-chrome cast iron ASTM 532 Alloy III A. Static seals are leakproof Nitrile rubber O-rings in precision machined grooves, with controlled compression.
  - D **Shaft.** Stainless steel AISI 431.
  - E **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: single row ball bearing. Lower: double row ball bearing.
  - G **Shaft Seals.** Special design, including an expeller which protects the 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.
  - H **Impeller.** Non-clog closed type impellers. Material: high-chrome cast iron AISI 532-80 Alloy III A.
  - I **Wear Ring.** Material: SSAB Hardox 400.
- Strainer** (not shown). Painted steel AISI A248 Grade D; A 573 Grade 65.
- Fasteners.** Stainless steel AISI 316.

### Approval:

CSA approved to UL Standard #778.



### Options:

Agitator: helps re-suspend settled solids,  
Warm Liquid version.

### Controls

 (not shown).

Manual and automatic controls available upon request.

### Accessories:

Base stand (sled).

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