

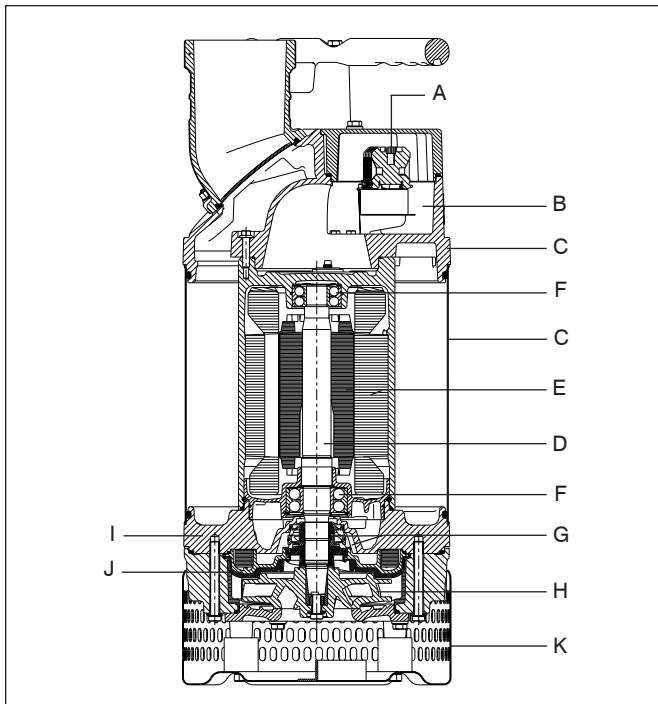
## Large Portable Dewatering Pump

Capacity up to 1400 GPM, heads up to 230 ft.



### Applications:

BS-2670 is ideal for large and demanding drainage work as: dam construction sites, mines, quarries, etc. Slim line design makes it suitable to use for active dewatering.



### Specifications

- A **Cable.** Standard 50 ft. of AWG 4/3-2-1-GC SubCab cable.
  - B **Junction Chamber.** Cable entry incorporates a strain relief and grommet controlled compression sealing. Between the junction box and stator housing a rubber gland provides additional seal protection of the motor.
  - C **Pump Housing.** High strength, lightweight aluminum alloy castings. Cast iron stator housing. Static seals are leakproof Nitrile rubber O-rings in precision machined grooves, with controlled compression. Stainless steel ANSI 304 cooling jacket.
  - D **Shaft.** Stainless steel ANSI 431.
  - E **Motor.** Air filled, NEMA design B with class H (180°C) insulation; 2 pole, 3490 rpm. 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 and Lower: double row angular contact ball bearings.
  - G **Shaft Seals.** Independent double face Plug-in™ seals, with Active Seal™ technology, running in environmentally friendly, FDA approved (Standard #172.878) lubricant. Upper and Lower seal: tungsten carbide/tungsten carbide. Oil quantity: 1.5 quarts (1.4 l).
  - H **Impeller.** Patented Dura-Spin™ hydraulic system. Three vane, closed type. Material: high chrome alloy cast iron ASTM 532.80 Alloy IIIA, hardened for high wear resistance to 60 Rc hardness. Adjustable with a trimming screw.
  - I **Diffuser.** Protected by Nitrile Rubber liner.
  - J **Seal Housing Bottom.** Protected by Nitrile Rubber liner.
  - K **Strainer.** Stainless steel. 280 holes 3/8" x 3/4". Rubber bumpers to absorb heavy impact.
- Fasteners.** Stainless steel ANSI 316.

### Options:

Warm liquid version.

### Approval:

CSA approved to UL Standard #778.



### Controls (not shown).

Manual controls, providing short circuit and overload protection, housed in NEMA 4X (watertight, corrosion resistant) plastic enclosures. Automatic controls with ENM 10 float switches, FPC100 or with Multitrode® probe in combination with magnetic starter type controls are available for unattended operation. Optional winding insulation monitoring relay SubMeg.

### Accessories.

Zinc anodes.