



BS-2071.010

Submersible Pump

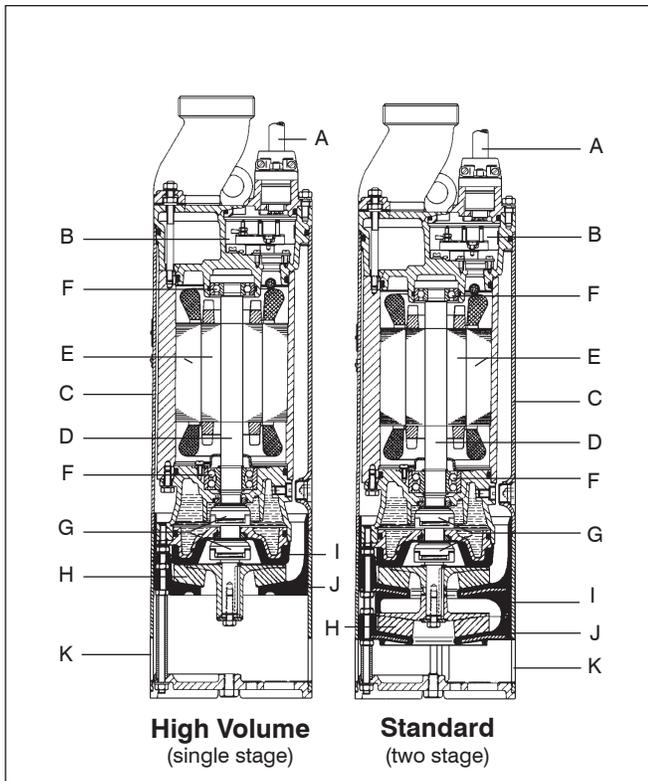
Portable Dewatering Pump (Slim line)

Capacity up to 320 GPM, Heads up to 165 ft.



Applications:

BS-2071 is especially suited to use where space is limited; fit easily in a 8" pipe; ideal for fast dewatering of manholes, casings, caissons, etc.



Specifications

- A **Cable.** Standard 50 ft. of AWG 10/3-2-1-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. Static seals are leakproof Nitrile rubber O-rings in precision machined grooves, with controlled compression.
 - D **Shaft.** Stainless steel - ANSI 329.
 - E **Motor.** Air filled, NEMA design B with class H (180°C) insulation; 2 pole, 3425 rpm. Shrink-fit to the motor housing. Allows at least 10 starts per hour. Built-in thermal sensors for additional motor overload protection.
 - F **Bearings.** Upper: single row ball bearing. Lower: double row angular contact ball bearing.
 - G **Shaft Seals.** Independent double face seals running in environmentally friendly, FDA approved (Standard #172.878) lubricant. Upper seal: tungsten carbide/carbon. Lower seal: tungsten carbide/tungsten carbide. Oil specs: 1.2 pints (0.6 l).
 - H **Impeller.** Multivane, open type. Material: alloy white cast iron ASTM 532.80 Alloy 111A, hardened for high wear resistance to 60 Rc hardness. Standard version has two stage impeller.
 - I **Diffuser.** Protected by polyurethane (Polylife) or Nitrile Rubber liner. Adjustable to maintain pump's hydraulic performance.
 - J **Wear Plate.** Protected by polyurethane (Polylife) or Nitrile Rubber liner.
 - K **Strainer.** Hot dip galvanized steel. 40 holes 5/16" x 1-15/16".
- Fasteners.** Stainless steel ANSI 316.

Options.

Stainless steel impellers; 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 or with FPC100 in combination with magnetic starter type controls are available for unattended operation. Optional winding insulation monitoring relay SubMeg.

Accessories.

Tandem connection; Zinc anodes.

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