

BS-2140.010

Submersible Pump

Portable Dewatering Pump

Capacity up to 310 GPM, heads up to 300 ft.

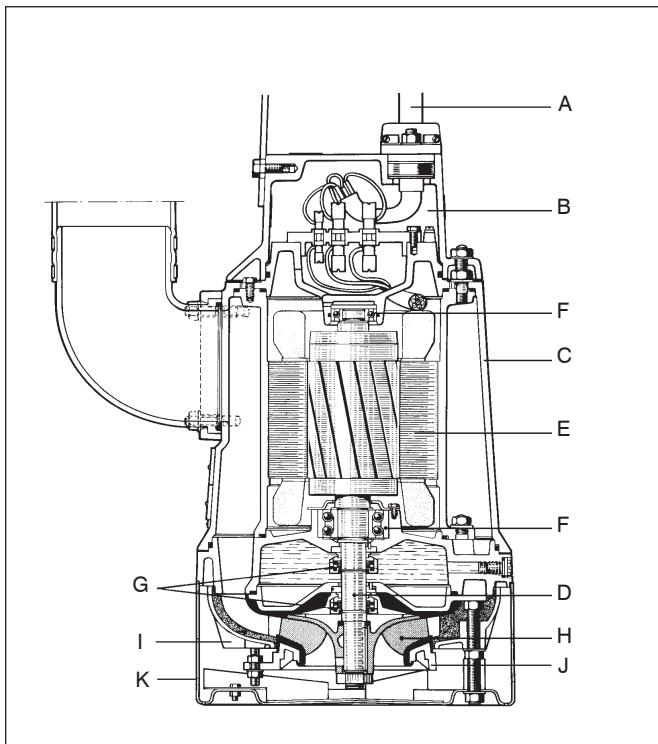


Specifications

- A **Cable.** Standard 50 ft. of AWG 6/3-2-1-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 420.
 - E **Motor.** Air filled, NEMA design B with class H (180°C) insulation; 2 pole, 3475 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 quantity: 2.5 pints (1.2 l).
 - H **Impeller.** Multivane, open type. Material: high chrome alloy cast iron ASTM 532.80 Alloy IIIA, hardened for high wear resistance to 60 Rc hardness.
 - 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. 186 holes 1/4" x 2".
- Fasteners.** Stainless steel ANSI 316.

Applications:

BS-2140 is ideal for fast dewatering of construction sites, tunnels, mines, quarries, cofferdams, caissons, etc.



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.

Flygt products are affiliated with the following associations:

