

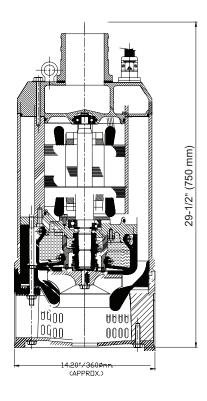
4GSUBHD10 HIGH PRESSURE DEWATERING

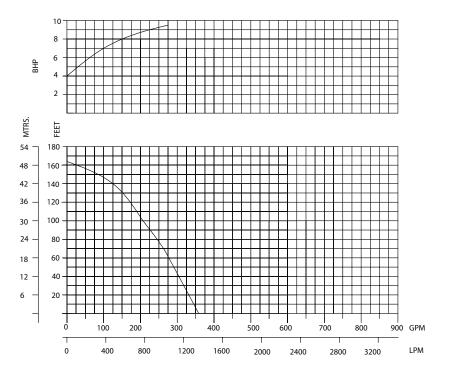


Global Pump® portable electric submersible pumps are ideal for corrosive and abrasive applications.

The Model 4GSUBHD10 pump with 3" NPT and a 10 hp (7.5 kW) motor is ideal for low volume, high head applications.

FEATURES	OPTIONS
Stainless steel strainer, shaft, impeller, outlet and hardware for maximum corrosion resistance	Choice of impeller materials including 316 stainless steel for sea water and corrosive applications
Mechanical seals in wholly enclosed pressure compensated oil chamber	Available in complete 316 stainless steel construction with silicon carbide/silicon carbide mechanical seals and viton elastomers
Nitride hardened 410 stainless steel impeller for abrasive applications	Automatic ON/OFF/ON thermal overloads embedded in stator winding (requires 6 core or control cable and external controls)
Tandem tungsten carbide/tungsten carbide and tungsten carbide/tungsten carbide mechanical seals	
Field adjustable nitrile rubber-lined diffuser/wearplate optimizes efficiency throughout the life of the pump	
Equipped with sacrificial zinc anodes for maximum life in a saline fluid environment	





SPECIFICATIONS	
Size	4" (100 mm)
Power	10 hp (7.5 kW)
Max Flow	350 gpm (148 m³/h)
Max Head	165' (50 m)
Motor	2-pole induction continuous rated motor with squirrel cage rotor. Stator insulation class 'H' (180°C)
Speed (motor)	3,400 RPM @ 60 Hz, 2,800RPM @ 50Hz
Power Rating (motor)	10 hp @ 60 Hz, 7.5 kW @ 50 Hz Full Load
Current FLA (motor)	14 Amps @ 460v, 16 Amps @ 400v
Max. temperature of the pump liquid (motor)	104°F/40°C
Max. start/stop per hour (motor)	15 Start: Delta starting optional
Power Supply	3 phase, 50/60 Hz, AC Supply. Available in any voltage frequency combination (208/22 0/230/380/415/460/575/1,000V)
Power Cable	50' (15 m) length standard
pH Range	5 - 8
Submergence	Submergence below liquid surface min. 5" (127 mm) max. 50' (15 m)
Weight (approx. w/o cable)	135 lbs. (61Kg)

PUMP MATERIAL	
Outer Casing	Epoxy-coated aluminum
Stator Casing	Epoxy-coated extruded aluminum
Diffuser/Wearplate	Nitrile rubber-lined (polyurethane optional)
Shaft	431 Stainless steel
Shaft Seal	Tandem tungsten carbide/tungsten carbide and tungsten carbide/tungsten carbide mechanical seals wholly enclosed in an oil chamber
Hardware	304 Stainless Steel
Impeller	Nitride-hardened 410SS to 56HRC (Standard)
Ball Bearings	Two single row deep groove ball bearing. Bearings enclosed with high temperature grease-containing special anti-corrosion additive
Power Cable	Waterproof/oil proof, rubber-insulated, neoprene-sheathed copper conductor flexible cable. Type SOOW in North America, EPR in the Middle East and HO7RN in the EU. 6 Core or Control cable with thermal overloads optiona
Strainer	304 Stainless Steel with 0.25" (6 mm) round holes



GLOBAL PUMP

10162 East Coldwater Road, Davison, MI 48423 Tel: 810.653.4828 Fax: 810.658.0632

1.866.360.PUMP

www.globalpump.com