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

The Model 4GSUBSD7.5 pump with 4” NPT and a 7.5 hp (5.5 kW) motor is ideal for high volume, low head applications.

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

Size 4" (100 mm)
Power 7.5 hp (5.5 kW)
Max Flow 650 gpm (148 m³/h)
Max Head 90' (27 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, 2,800 RPM @ 50 Hz
Power Rating (motor) 10 hp @ 60 Hz, 7.5 kW @ 50 Hz Full Load
Current FLA (motor) 11 Amps @ 460v, 12.5 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 (208/220/230/380/415/460/575/1000V)
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) 150 lbs. (68 Kg)

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 H07RN in the EU. 6 Core or Control cable with thermal overloads optional.
Strainer 304 Stainless Steel with 1.1875" (30 mm) X 0.375" (9.5 mm) round holes

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