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

The Model 6GSUBSD25 pump with 6” NPT and a 25 hp (19 kW) motor is ideal for high volume, medium head applications.

**FEATURES**
- Stainless steel strainer, shaft, impeller, outlet and hardware for maximum corrosion resistance
- Mechanical seals in wholly enclosed pressure compensated oil chamber
- Nitride hardened 410 stainless steel impeller for abrasive applications
- 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

**OPTIONS**
- Choice of impeller materials including 316 stainless steel for seawater and corrosive applications
- Available in complete 316 stainless steel construction with silicon carbide/silicon carbide mechanical seals and viton elastomers
- Automatic ON/OFF/ON thermal overloads embedded in stator winding (requires 6 core or control cable and external controls)
- Polyurethane diffusers and wearplates available
SPECIFICATIONS

Size | 6" (150 mm)
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Power | 25 hp (19 kW)
Max Flow | 1650 gpm (102 m³/h)
Max Head | 125' (67 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) | 25 hp @ 60 Hz, 19 kW @ 50 Hz Full Load
Current FLA (motor) | 25 Amps @ 460v, 39 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) | 410 lbs. (186 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 0.375" (9.5 mm) round holes

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