Global Pump® portable electric submersible pumps are ideal for stationary wet pit (P type) and mobile wet pit (S type) installation.

The Model 8GSUBST35 pump, with 8” (203 mm) flange or hose and a 35 hp (26 kW) motor, is ideal for medium volume, medium head applications.

### STATIONARY (SEMI PERMANENT) WET PIT INSTALLATION

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8GSUBST20 HIGH VOLUME TRASH

**SPECIFICATIONS**

- **Size**: 8" (203 mm)
- **Power**: 35 hp (26 kW)
- **Speed (motor)**: 1,170 RPM @ 60 Hz
- **Motor**: 4-pole induction continuous rated motor with squirrel cage rotor. High efficiency in compliance with "NEMA Energy Efficient Class." Stator insulation class 'H' (180°C) watertight air-filled IP68 enclosure.
- **Max Head**: 75' (23 m)
- **Max Flow**: 2,500 gpm (568 m³/h)
- **Solids Handling**: 5" (127 mm)
- **Max. temperature of the pump liquid (motor)**: 104°F/40°C
- **Max. start/stop per hour (motor)**: 15
- **Power Supply**: 3 phase, 60 Hz, AC Supply. Available in any voltage frequency combination (460/575 volts +/-10%)
- **Power Rating (motor)**: 35 hp @ 60 Hz
- **Current FLA (motor)**: 45 Amps @ 460v
- **Submergence**: Submergence below liquid surface max. 66' (20 m)
- **Weight (approx. w/o cable)**: P Type - 1,678 lbs. (761 Kg) S Type - 1,385 lbs. (628 Kg)

**PUMP MATERIAL**

- **Outer Casing**: Cast Iron ASTM A48 Class 35
- **O-rings**: Nitrile rubber
- **Hardware**: 304 Stainless steel
- **Shaft**: 431 Stainless steel
- **Mechanical Seals**: Double with silicon carbide vs. silicon carbide faces
- **Impeller**: Ductile iron ASTM A-395, Grade60-40-18
- **Ball Bearings**: Rotor shaft carried in two ball bearings. Double row contact lower bearing capable of carrying high thrust and radial loads. Oversized deep groove single row upper 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. 25' in length standard. Additional cable lengths optional.
- **Surface Treatment**: Primer with epoxy surface treatment coated with black air dry enamel

Specifications reflect model pictured, and are subject to revision without notice. Global Pump is not liable for any consequential, incidental or indirect damages relating to these specifications.