

8GSUBST35 HIGH VOLUME TRASH



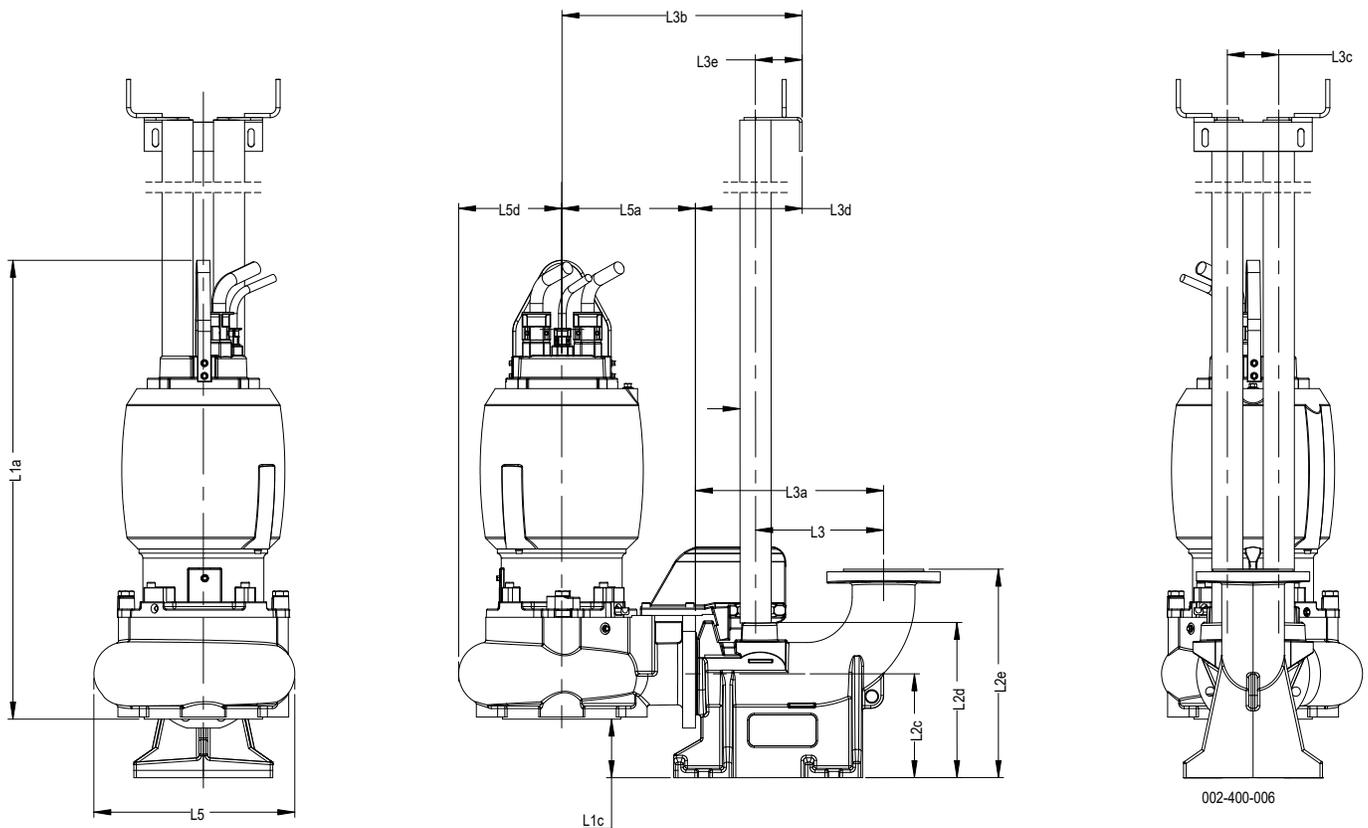
Global Pump® portable electric submersible pumps are ideal for stationary wet pit (P type) and mobile wet pit (S type) installation.

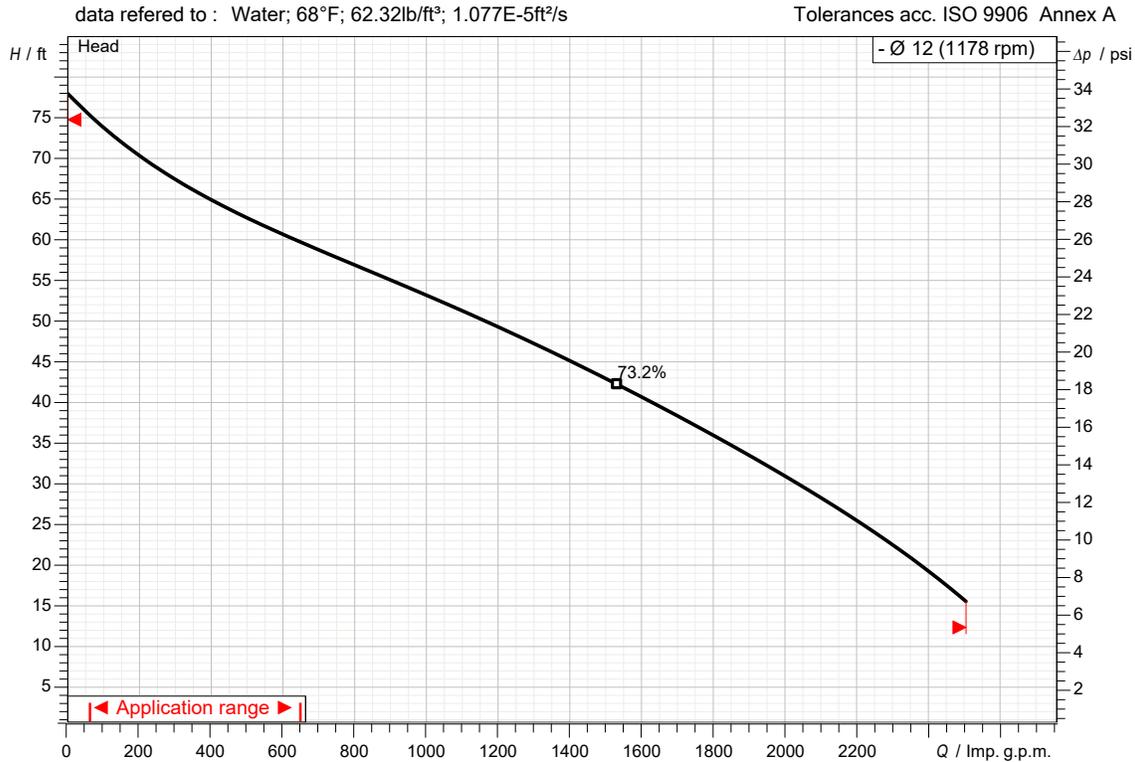
The Model 8GSUBST35 pump, with 8" (203 mm) flange or hose and a 35 hp (26 kW) motor, is ideal for medium volume, medium head applications.

STATIONARY (SEMI PERMANENT) WET PIT INSTALLATION

DIMENSIONS (inches)

L1a	L1c	L2c	L2d	L2e	L3	L3a	L3b	L3c	L3d	L3e	L5	L5a	L5b	L5c	L5d	L6a	L6b
50.688	3.938	10.5	16.688	18.3	12.188	16.75	21.938	3.938	8.13	3.563	25.188	17.313	12.813	12.375	12.625	11	8.688



**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 m ³ /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



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