

EFFLUENT PUMPS

SHEF50

Patented inlet design for better solids handling



Typical Application	High-head effluent and dewatering
Capacities	up to 63 GPM (4.0 LPS)
Heads	up to 63 ft. (19.2 m)
Electrical	115V, 1ø, 14.5 FLA, 60Hz; 208/230V, 1ø, 7.6 FLA, 60Hz; 230V, 3ø, 3.1 FLA, 60Hz; 460V, 3ø, 1.6 FLA, 60Hz; 575V, 3ø, 1.2 FLA, 60Hz
Motor	(single phase) - 1/2 HP split phase w/start capacitor and thermal overload protection, 3450 RPM; (three phase) - 1/2 HP polyphase, 3450 RPM
Intermittent Liquid Temperature	140°F (60°C)
Minimum Recommended Sump Diameter	Simplex = 24" (609.6 mm) Duplex = 30" (762.0 mm)
Automatic Operation	Wide-angle float switch (1ø only, manual available)
Materials of Construction	Class 30 cast iron
Impeller	Thermoplastic
Discharge Size	2" NPT (50.8 mm)
Solids Handling	3/4" (19.1 mm)
Power Cord	1ø - 20', SJTW, STW-A (30' optional) 3ø - 20', STW-A (30' optional)

Superior Features

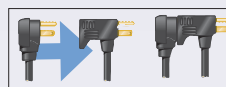
- Carbon/Ceramic type 21 mechanical seal
- Oil-filled motor w/automatic reset thermal overload for maximum protection (one phase models)
- Upper & lower ball-bearing construction
- Piggyback plug available for easy maintenance and switch replacement
- Capacitor start for increased starting torque (one phase models)

SHEF100

Patented inlet design for better solids handling



Typical Application	High-head effluent and dewatering
Capacities	up to 88 GPM (5.5 LPS)
Heads	up to 90 ft. (27.4 m)
Electrical	208V, 1ø, 13.6 FLA, 60Hz; 230V, 1ø, 12.1 FLA, 60Hz; 230V, 3ø, 5.8 FLA, 60Hz; 460V, 3ø, 2.8 FLA, 60Hz; 575V, 3ø, 1.9 FLA, 60Hz
Motor	(single phase) - 1 HP split phase w/start capacitor and thermal overload protection, 3450 RPM; (three phase) - 1 HP polyphase, 3450 RPM
Intermittent Liquid Temperature	140°F (60°C)
Minimum Recommended Sump Diameter	Simplex = 24" (609.6 mm) Duplex = 30" (762.0 mm)
Automatic Operation	Wide-angle float switch (1ø only, manual available)
Materials of Construction	Class 30 cast iron
Impeller	Thermoplastic
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Piggyback Switch Plug

Performance

