Dayton Sewage Pumps

PUMPS technical data sheet

Submersible Sewage pumps are designed to remove sewage wastewater from a residential home or commercial office. These pumps are designed to pass the typical suspended solids associated with sewage wastewater. Sewage pumps typically operate intermittently and automatically with a float switch and can accommodate solids up to 2" in diameter.
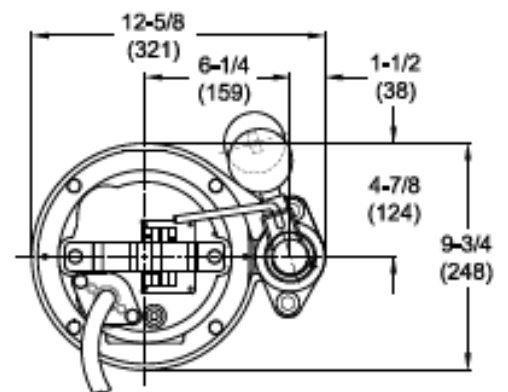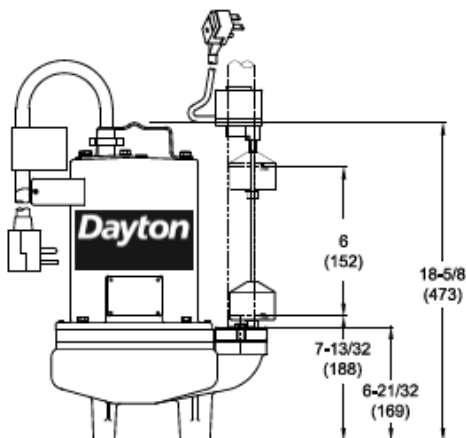
**4LB99
1 HP, Cast Iron
Submersible Sewage Pump**

HP	1
Voltage	200-240V
Phase	Single
Frequency	60 Hz
Run Amps	8.8/8.3A
Start Amps	21.5/25.8A
RPM	1750
Motor Type	PSC Oil-filled with Class B insulation

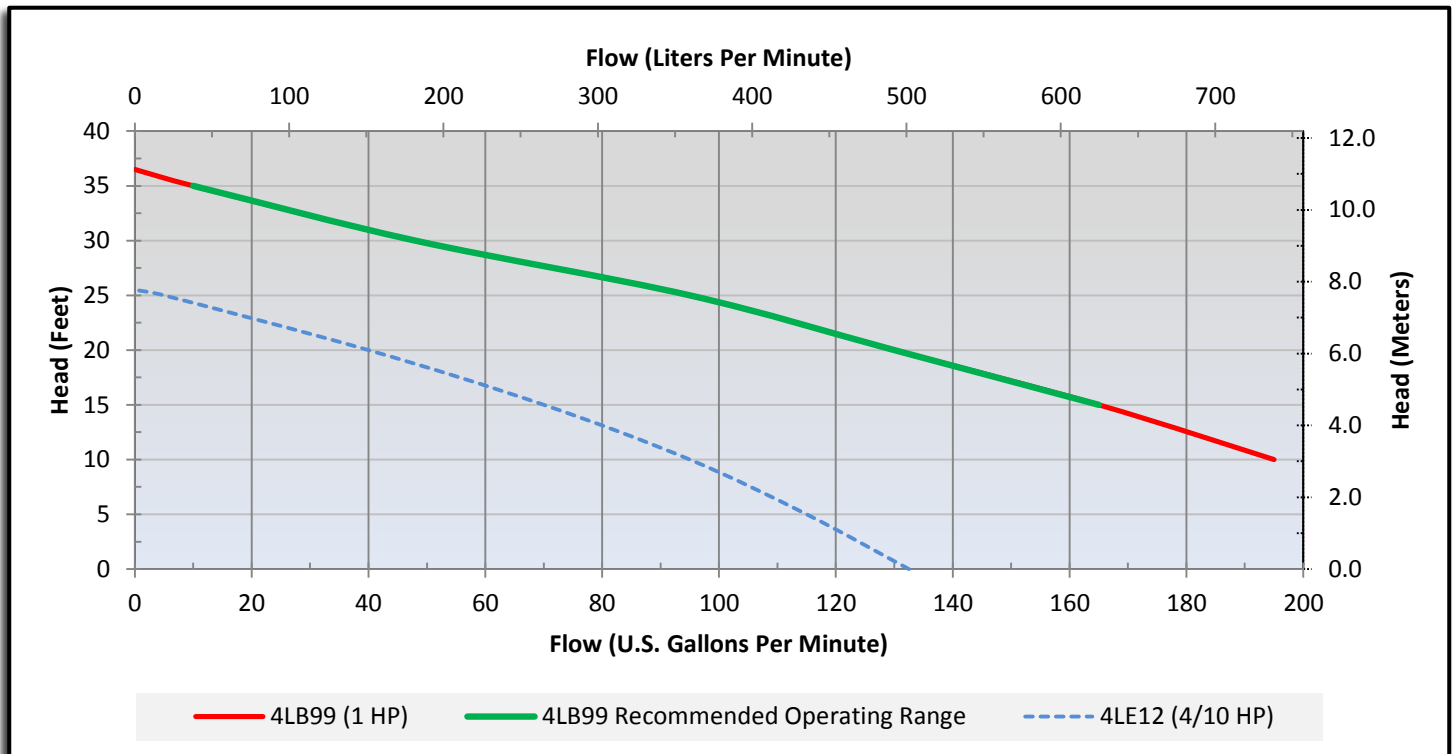|	
Overload Protection	Internal Thermal Overload
Motor Shaft Material	Stainless Steel
Motor Housing Material	Cast Iron
Motor Duty	Continuous
Motor End Bearing	Single Row Ball
Pump End Bearing	Single Row Ball
Lubrication	Oil Lubricated
Discharge	2 Inch Flanged, Vertical
Volute Material	Cast Iron
Base Material	Cast Iron
Impeller Type	Open Vortex
Impeller Material	Cast Iron
Hardware Material	Stainless Steel
O-rings	Buna-N
Seal Type	Single Mechanical
Seal Materials	Silicon Carbide/Silicon Carbide/Buna N
Operation	Automatic / Vertical Switch
Power Cord	14/3 SOW, 20' (6.1m), NEMA 6-15P 240V Plug
Max. Solids Handling	2" (51mm) spherical
Max. Water Temperature	104°F (40°C)
Designed Fluid Environment	Water / Sewage Wastewater
Switch Type	Vertical
Switch Cord	20' (6.1m) SJOW Power Cord
Switch Plug	NEMA 6-15P Piggyback Plug
Switch Max. Run Amps	12A
Switch Max. Start Amps	60A
Switch Pumping Range	On at 13.4" (340mm) Off at 7.41" (188mm)

Outline Dimensions

Performance Data

Head		10	15	20	25	30	35	36.5
	Feet	10	15	20	25	30	35	36.5
	Meters	3.1	4.6	6.1	7.6	9.1	10.7	11.1
Flow Rate	GPM	195	165	130	95	48	10	0
	LPM	738	625	492	360	182	38	0

Performance Chart

WARNING: Use only with nonflammable liquids compatible with pump component materials and in nonflammable/nonexplosive atmospheres.