Dayton Sewage Pumps

PUMPS technical data sheet

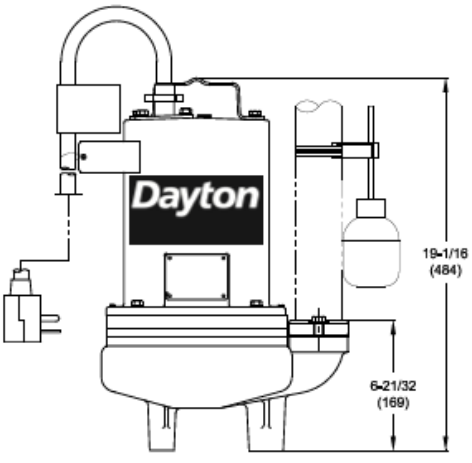
Submersible Sewage pumps are designed to remove sewage wastewater from a residential home or commercial office. These pumps are designed to pass the typical suspended solids associated with sewage wastewater. Sewage pumps typically operate intermittently and automatically with a float switch and can accommodate solids up to 2” in diameter.

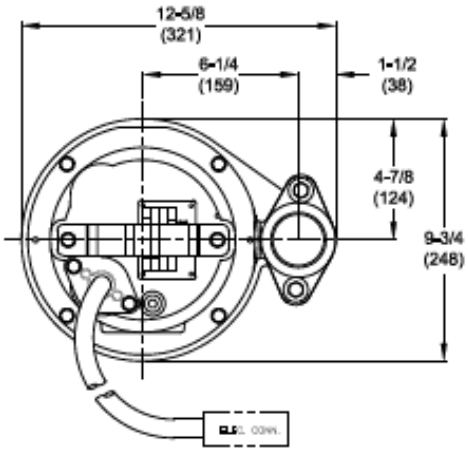
3BB90
1 HP, Cast Iron
Submersible Sewage Pump

HP	1
Voltage	240V
Phase	Single
Frequency	60 Hz
Run Amps	10.7A
Start Amps	21.8A
RPM	3450
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 FNPT, 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 / Tethered Switch
Power Cord	14/3 SOOW, 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	Tethered
Switch Cord	16/2 SJOW 20’ (6.1m)
Switch Plug	NEMA 6-15P Piggyback Plug
Switch Max. Run Amps	15A
Switch Max. Start Amps	85A
Switch Pumping Range	Variable – Discharge Pipe Mounted

Outline Dimensions

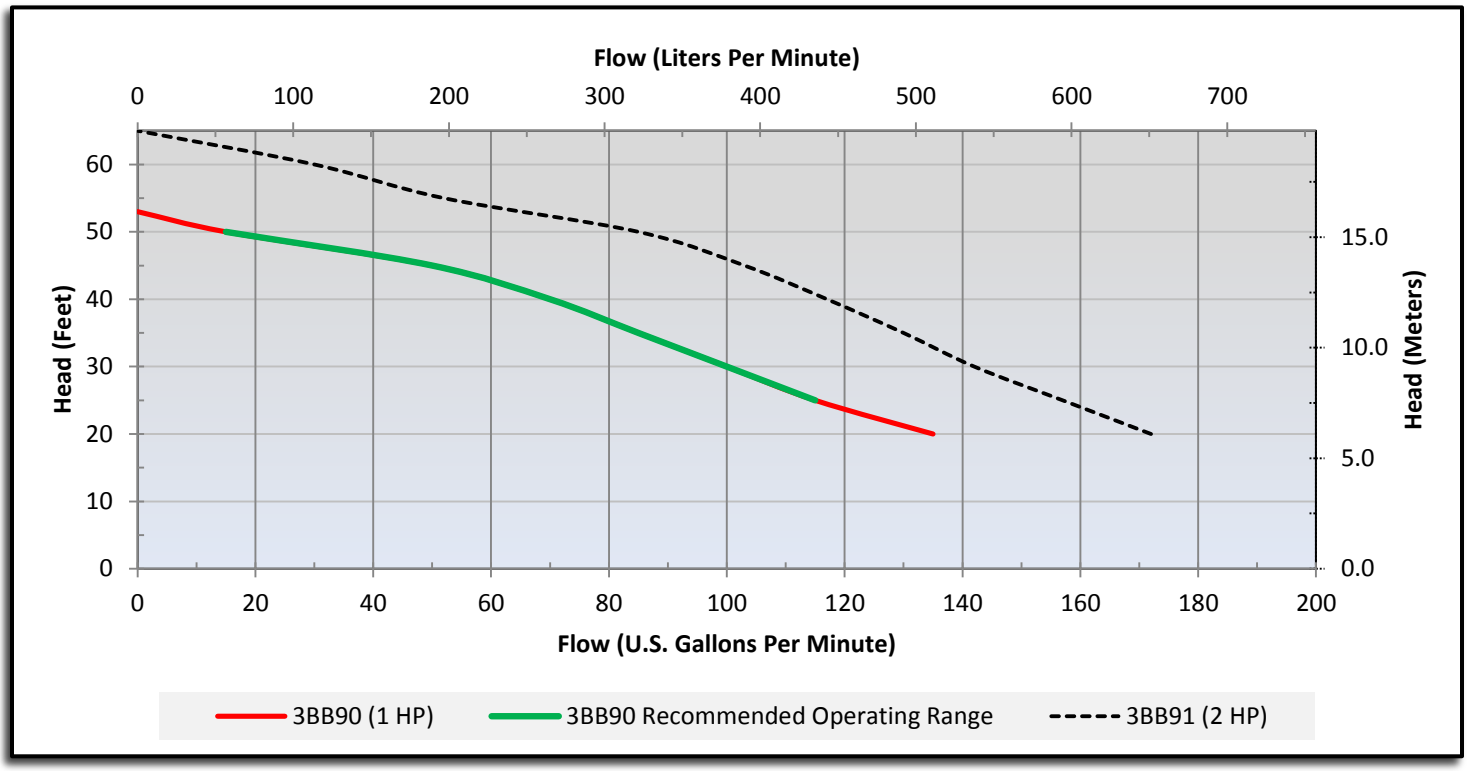




Performance Data

Head	Feet	20	25	30	35	40	45	50	53
	Meters	6.1	7.6	9.1	10.7	12.2	13.7	15.2	16.2
Flow Rate	GPM	135	115	100	85	70	50	15	0
	LPM	511	435	379	322	265	189	57	0

Performance Chart



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

Call or visit your local branch or go to **grainger.com/dayton** for complete product line information

Find it at Grainger.