Dayton Sump Pumps

PUMPS technical data sheet

Dayton®

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.
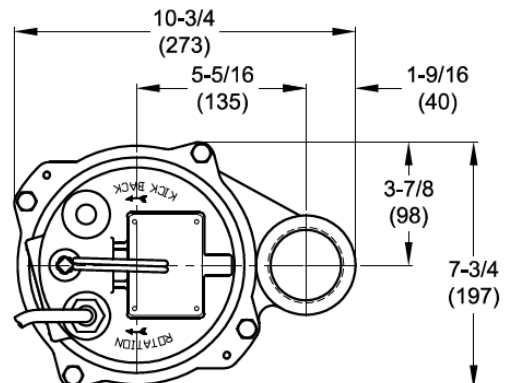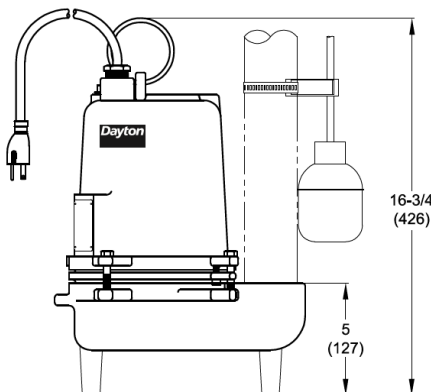

3BB89
½ HP, Cast Iron
Submersible Sewage Pump

HP	1/2
Voltage	240V
Phase	Single
Frequency	60 Hz
Run Amps	6.2A
Start Amps	13A
RPM	1750
Motor Type	PSC Oil-filled with Class B insulation

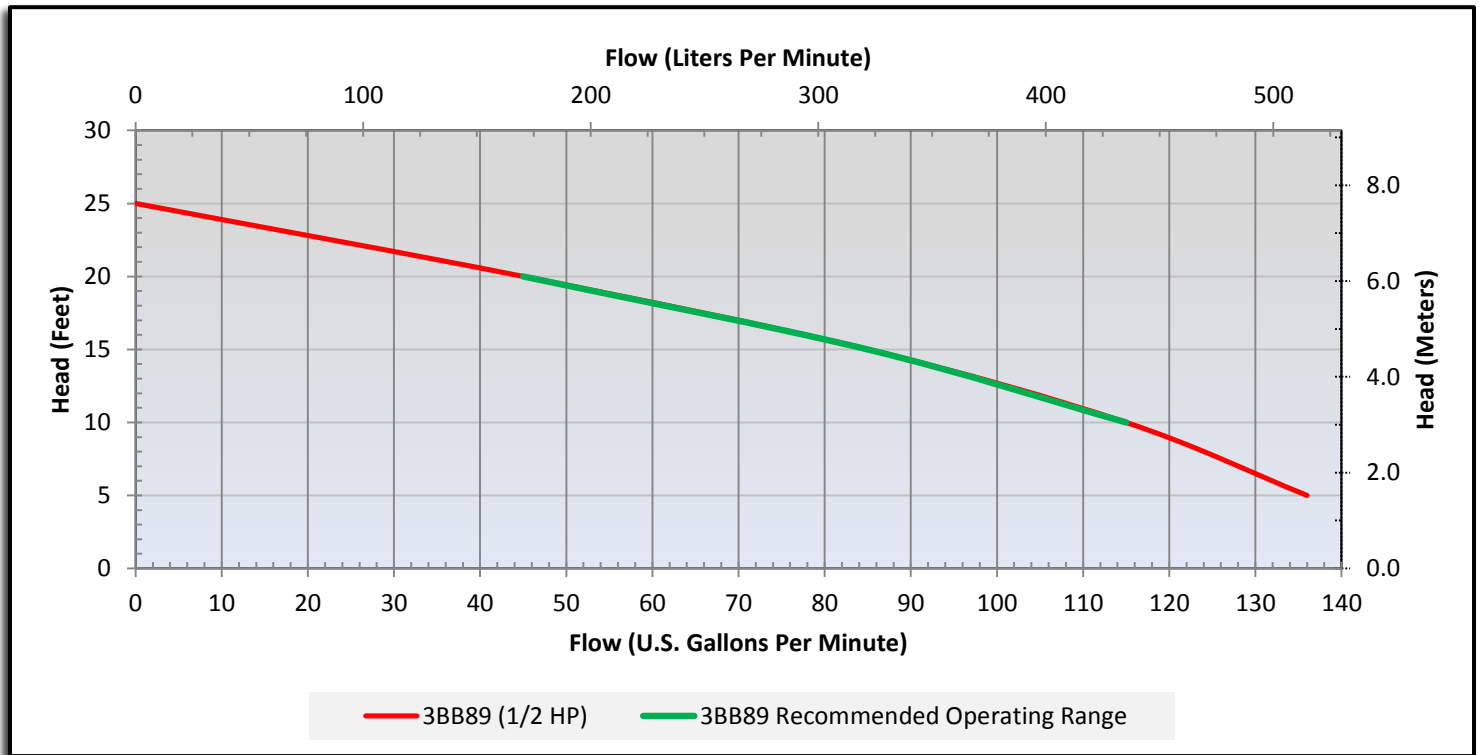|	
Overload Protection	Internal Thermal Overload
Motor Shaft Material	Stainless Steel
Motor Housing Material	Cast Iron
Motor Duty	Continuous
Motor End Bearing	Single Row Ball
Pump End Bearing	Single Row Ball
Lubrication	Oil Lubricated
Discharge	2 Inch FNPT, Vertical
Volute Material	Cast Iron
Base Material	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 SJTOW, 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	13A
Switch Max. Start Amps	85A
Switch Pumping Range	Variable – Discharge Pipe Mounted

Outline Dimensions

Performance Data

Head		5	10	15	20	25
	Feet	5	10	15	20	25
	Meters	1.5	3.1	4.6	6.1	7.6
Flow Rate	GPM	136	115	85	45	0
	LPM	515	435	322	170	0

Performance Chart

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

Find it at Grainger.

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