Dayton Sump Pumps

PUMPS technical data sheet

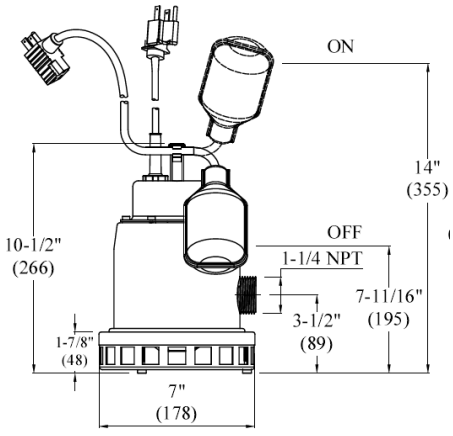
Submersible Sump Pumps are designed for water removal from areas that will not drain by gravity. These pumps are typically located in basins or sumps that are fed by foundation drains from residential homes, commercial buildings, parking lots or truck docks. They typically operate automatically through the use of a float switch and remove water collected from rainfall.

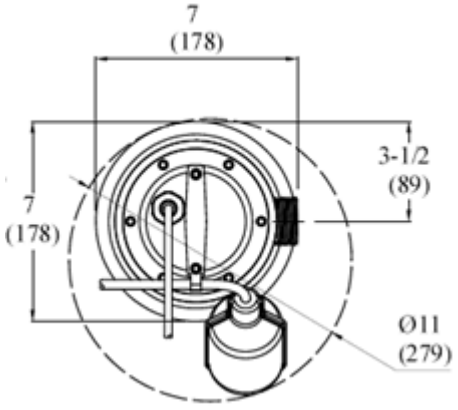
3YU74
⅓ HP, Stainless Steel Submersible Sump Pump

HP	1/3
Voltage	115V
Phase	Single
Frequency	60 Hz
Run Amps	2.8A
RPM	3450
Motor Type	PSC –Oil Free
Overload Protection	Internal Thermal Overload

Motor Shaft Material	Stainless Steel
Motor Housing Material	Stainless Steel
Motor Duty	Continuous
Motor End Bearing	Single Row Ball
Pump End Bearing	Single Row Ball
Lubrication	Permanently Lubricated
Discharge	1-1/4 Inch MNPT, Horizontal
Volute Material	Stainless Steel
Base Material	Stainless Steel
Impeller Type	Open Vortex
Impeller Material	Stainless Steel
Hardware Material	Stainless Steel
O-rings	Buna-N
Seal Type	Single Mechanical
Seal Materials	Carbon/Ceramic/Buna-N
Operation	Automatic / Tethered Switch
Power Cord	18/3 SJTOW, 15’ (4.6m), NEMA 5-15P 120V Plug
Max. Solids Handling	3/4” (19mm) spherical
Max. Water Temperature	140°F (60°C)
Designed Fluid Environment	Water / Wastewater
Switch Type	Tethered
Switch Cord	18/2 SJOW 15’ (4.6m)
Switch Plug	NEMA 5-15P Piggyback Plug
Switch Max. Run Amps	10A
Switch Max. Start Amps	60A
Switch Pumping Range	On at 14” (355mm) Off at 7.7” (195mm)

Outline Dimensions

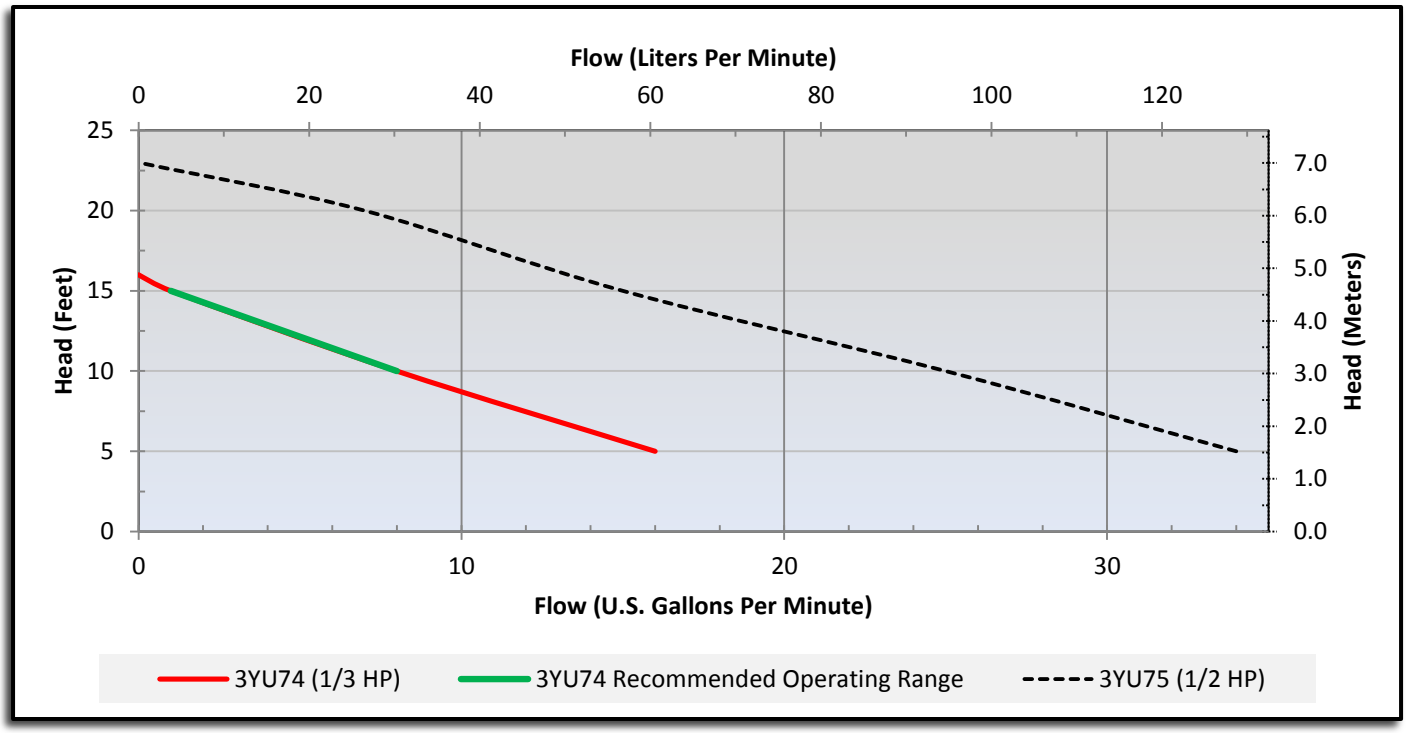




Performance Data

Head	Feet	5	10	15	20	25	26
	Meters	1.5	3.1	4.6	6.1	7.6	7.9
Flow Rate	GPM	45	34	21	12	3	0
	LPM	170	129	79	45	11	0

Performance Chart



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

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

Find it at Grainger.