



Stainless Steel/Cast Iron Sump Pumps

SPS03301TDK	1/3 HP	4000 GPH
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SPS05001TDK	1/2 HP	4200 GPH
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SPS06001TDK	3/4 HP	4800 GPH
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SPS07501TDK	1 HP	5100 GPH
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- Stainless steel pump housing, rugged cast iron volute and seal plate maximizes pump life
- Direct-in tethered float switch for automatic operation
- Upper and lower ball bearings for quiet, maintenance free performance and long life
- Volute top suction design filters debris and minimizes clogging, reduces airlocks
- Heavy-duty, energy-efficient, PSC oil-filled motor with thermal overload protection
- 1-1/2" or 1-1/4" (with adapter) female NPT discharge and durable cast iron base for easy installation without any plumbing changes

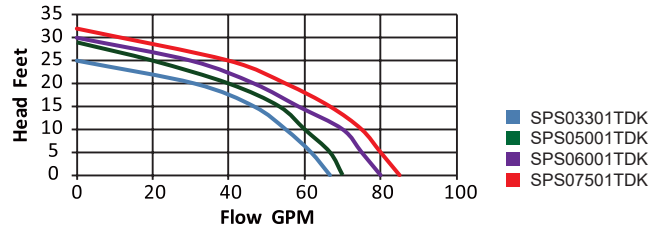


Performance

Model No.	HP	Discharge Flow (GPH)						Max. lift
		0'	5'	10'	15'	20'	25'	
SPS03301TDK	1/3	4000	3700	3300	2800	1860	0	25'
SPS05001TDK	1/2	4200	4000	3600	3200	2400	1200	29'
SPS06001TDK	3/4	4800	4500	4200	3500	2800	1800	30'
SPS07501TDK	1	5100	4800	4500	4000	3300	2400	32'

Application	
Submersible sump pump for typical residential applications	
Voltage	115
Hertz	60
Phase	Single
RPM	3450RPM
Motor type	Permanent Split Capacitor (PSC)
Insulation	Class B
Circuit requirements	15 AMP
Duty rating	Continuous*
Shaft seal	Lip seal
Motor Shaft	Stainless steel
Upper motor bearing	Ball bearing
Lower motor bearing	Ball bearing
Cooling	oil cooled
Motor protection	Auto reset thermal overload protector
*For continuous, the water depth must be at least 6" to prevent the motor from overheating	
Pump Specifications	
Discharge size	1-1/2"FNPT & 1-1/4"FNPT
Cord Length	10'
Cord type	SJTW 18AWG/3C, UL list
Pump Housing	Stainless steel
Pump Base	Cast iron
Impeller material	Reinforced thermoplastic
Gasket	Rubber
Solids handling	1/4"spherical
Liquid temp.range	32°-95°F
Operation	Automatic
Fasteners	Stainless steel
Automatic Switch Specifications	
Type	Vertical
Switch on point	6.3"/6.7"/7.3"
Switch off point	14.6"/15"/15.6"
Material	Reinforced thermoplastic
Cord Length	10'
Cord type	SJTW 18AWG/2C, UL list
Sump basin	Min. 10 in. (356 mm) diameter, 14 in. (457 mm) depth

Performance



Model	HP	Amps	Discharge Height(ft)	0	5	10	15	20	25						
				GPM	GPH	GPM	GPH	GPM	GPH	GPM	GPH				
SPS03301TDK	1/3	6.1		67	4000	62	3700	55	3300	47	2800	31	1860	0	0
				70	4200	67	4000	60	3600	53	3200	40	2400	20	1200
SPS05001TDK	1/2	6.5		80	4800	75	4500	70	4200	58	3500	47	2800	30	1800
				85	5100	80	4800	75	4500	67	4000	55	3300	40	2400

Dimensions

