

Little Giant / Products / Sump & Effluent Pumps & Systems / Sump & Light Effluent Pumps - 1/2" Solids Handling / 1/3 hp Sump & Light Effluent Pumps - 6EC Series Sump & Light Effluent Pump / 506803



## 506803 – 6EC-CIA-RF

Handling up to 1/2" (12.7 mm) solids, this Automatic Submersible Sump/Effluent Pump is made of heavy-duty cast iron construction with 10 ft power cord. Equipped with a permanent split capacitor (PSC) motor with thermal overload protection, cold rolled steel motor shaft, 1/3 hp motor and delivers an energy-saving low amp draw.

Item: 506803

Model: 6EC-CIA-RF

### Ratings

HP	1/3 hp
Frequency	60 Hz
Phase	Single-Phase
Amps - Full Load	5 A
Amps - Starting	11.5 A
Full Load Watts	600 W
Volts	115 VAC
Cord Length	10 ft
Pump Power Cord Type	SJTW
Pump Power Cord Gauge	18-3
Lead Length	10 ft
Motor Type	Submersible
Continuous Duty	Yes
Thermal Overload Protection	Yes
Maximum Flow Rate - 60Hz	53 gpm / 3180 gph
Minimum Flow Rate - 60Hz	2 gpm / 120 gph
Shut-Off	28 ft
Minimum Head - 60Hz	5 ft
Shut Off Height - 60Hz	28 ft
Stages	1
Max Solid Handling Size	0.5 "
Switch Type	Piggyback Mechanical Float
Motor Cooling	Oil

### Liquid

Max Fluid Temperature	140 °F
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### Materials of Construction

Case Material	Plastic
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Pump Body Material	Cast Iron
Pump Volute Material	Polypropylene
Impeller Type	Non-Clog
Impeller Material	Nylon
Motor Shaft End - Material	SAE 1040/45 Carbon Steel
Intake Screen Material	Nylon
Fasteners Material	Stainless Steel
Top Bearing Material	Steel
Top Bearing Type	Ball
Bottom Bearing Material	Steel
Bottom Bearing Type	Ball Bearing
Seal Material	Carbon/Ceramic, Nitrile
Seal Type	Carbon/Ceramic/Nitrile

## Installation

Discharge Thread	FNPT
Discharge Type	Threaded - FNPT
Discharge	1.5 "
Product Length	8.79 "
Product Width	8.48 "
Product Height	11.08 "
Pump Length	8.79 "
Product Weight	27.5 lb
Product Weight w/ Pack	27.74 lb
Carton Length	11 "
Carton Width	10 "
Carton Height	13 "
Off Level - Range	6" - 8"
On Level - Range	13" - 15"

## Other

Accessories Included	None
Electrical Agency Approvals	CSA
Standard Warranty	12 Months
	<a href="#">Warranty Terms and Conditions Link</a>