



### **TECHNICAL BROCHURE**

BLSP03 R2

# LSP03/LSP07

SUBMERSIBLE SUMP PUMPS



## Goulds Water Technology

#### Wastewater

#### **FEATURES**

Corrosion-resistant construction

Stainless Steel motor casing and fasteners

Glass-filled thermoplastic impeller and casing

Upper and lower heavy duty ball bearing construction

Motor is permanently lubricated for extended service life and is powered for continuous operation. All ratings are within the working limits of the motor

Hard coated 400 series stainless steel shaft for improved corrosion resistance

Float switch is adjustable for various liquid levels. Easily removed for direct pump operation or switch replacement

Complete unit is lightweight, portable and easy to service

Available in manual and automatic versions. See next page for specific order numbers

A double labyrinth lip seal system protects the motor. It consists of three lip seals and a V-ring in addition to an impeller counterblade system which keeps solid particles away from the seal unit

#### **APPLICATIONS**

Specially designed for the following uses:

- Basement draining
- Water transfer
- Dewatering

#### **SPECIFICATIONS**

Discharge size: 1½" NPT
Capacities: to 57 GPM

Maximum head: 34 feet TDH
Maximum solids: ¾" spherical

• Temperature: 104° F (40° C) maximum liquid temperature.

 Maximum pump submergence is 10 ft. for LSP03; 16 ft. for LSP07

#### **MOTOR**

- Single phase, 3450 RPM, 60 Hz
- LSP03, 1/3 HP, 115 V, 2.9 maximum amps
- LSP07, ¾ HP, 115 V (7.1 amps) or 230 V (3.5 amps)
- Built-in thermal overload protection with automatic reset
- Permanent-split-capacitor type
- Class B insulation
- Stainless steel shaft
- Air filled design
- Power cord length: LSP03; 10 feet standard, 20 feet optional, LSP07; 20 feet

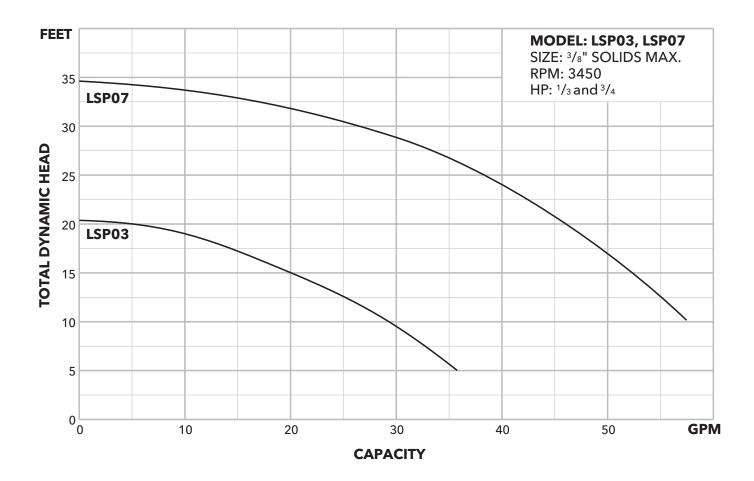
#### **AGENCY LISTINGS**



Canadian Standards Association File #LR114251



Underwriters Laboratories File #83318



#### **MODEL INFORMATION**

Order No.	НР	Volts	Amps	Minimum Circuit Breaker	Phase	Float Switch Style	Cord Length	Discharge Connection	Min. On Level	Min. Off Level	Minimum Basin Diameter	Maximum Solids Size	Shipping Weight Ibs/kg
LSP0311			2.9	10	1	Plug / No Switch	401	11/2"	Manual	Manual	9"	3½"	11/5
LSP0311A						Built-In Wide Angle			11"	5"	12"		
LSP0311AT						Piggyback Wide Angle			11"	5"	12"		
LSP0311AV	1/3	115				Piggyback Vertical			8.5"	2"	12"		
LSP0311F						Plug / No Switch	20'		Manual	Manual	9"		
LSP0311AF						Built-In Wide Angle			11"	5"	12"		
LSP0311ATF						Piggyback Wide Angle			11"	5"	12"		
LSP0711F	3/4	115	7.1			Plug / No Switch	- 20'		Manual	Manual	9"		15/6.8
LSP0711AF						Built-In Wide Angle			12.5"	6.5"	12"		
LSP0711ATF						Piggyback Wide Angle			12.5"	6.5"	12"		
LSP0712F		230	3.5			Plug / No Switch			Manual	Manual	9"		
LSP0712AF						Built-In Wide Angle			12.5"	6.5"	12"		
LSP0712ATF						Piggyback Wide Angle			12.5"	6.5"	12"		

#### **DIMENSIONS**

(All dimensions are in inches. Do not use for construction purposes.)

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	F	Н		
LSP03	9¾	7%		
LSP07	111/4	91/8		₩ 🕌
LSP03AV	9¾	7%		
	1½'	6½" DIA.  2½"   NPT  HARGE  H	POWER COR 16/3 SJTW WI PRONG GROU	ITH THREE JNDING PLUG
		$\downarrow$ $\downarrow$		



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