

# PROSSER<sup>®</sup>

brands you trust.

## *Prosser Standard-Line<sup>®</sup> Submersible Dewatering*

### **Prosser Versatility**

If you need to remove unwanted water, a Prosser portable electric submersible pump is your solution. Prosser Standard-Line<sup>®</sup> pumps offer high head or high volume performance and are available in over 130 outstanding models. You can also include optional features such as watertight control enclosures, liquid level controls, adapter kits, and more. This wide range of choices enables you to select the exact pump you need to fit your application.



Heads to 210'  
Flows to 1400GPM  
¾ - 50 HP  
Discharge Sizes 2" - 6"  
Slim Line Design



## Built Rugged for Dependability

Wherever unwanted water is found, Prosser Standard-Line® submersible pumps are the most cost-effective choice for efficient, reliable dewatering. Prosser pumps have proven their value with dependable performance in a variety of challenging applications including:

- Construction
- Industrial
- Marine
- Utilities
- Telecommunication
- Municipal
- Government

## Performance You Can Count On

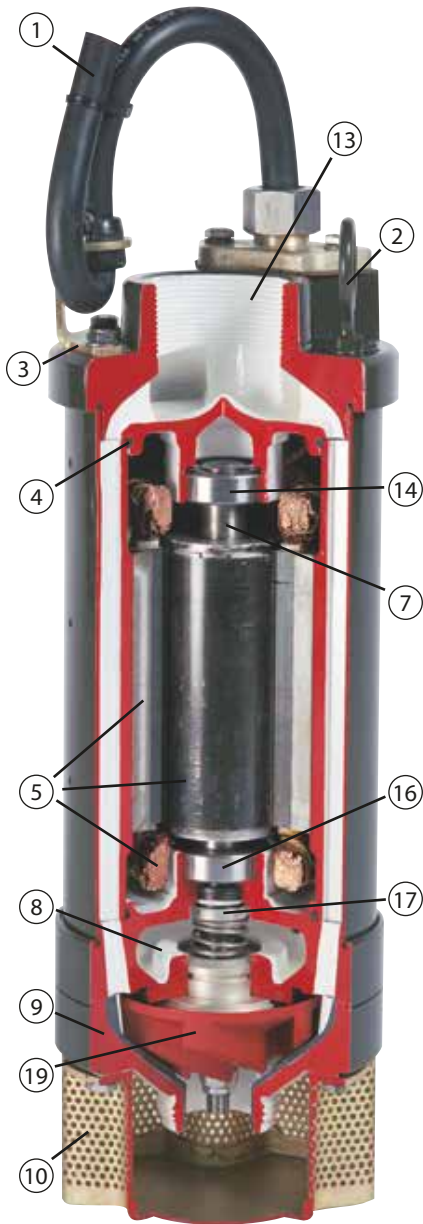
### Benefits:

- Pumps require no priming, suction hose, or foot valve. Just submerge them and they are ready to go.
- Operate in any position.
- Bearings require no outside lubrication.
- Unique in-line design ensures a cool-running motor by transferring motor heat directly to the pumped fluid.
- Abrasion resistant impellers and silicon carbide outboard shaft seals help ensure trouble-free performance.

## Selection Chart (60Hz):

Discharge Size	HP	Head in Feet	Flow (U.S. GPM)	Max. Pump Diameter	Length	Weight (Pump Only)	Suction Connection	Discharge Connection
2"	¾ (a)	5	98	5½" (140 mm)	15.74" (400 mm)	23 lbs (10.4 Kgs)	1½" 9 NHT	2" NPT (F)
		15	80					
		25	57					
	1 (a)	10	107	5½" (140 mm)	15.74" (400 mm)	23 lbs (10.4 Kgs)	1½" 9 NHT	2" NPT (F)
		20	83					
	2 (b)	35	38	7" (188 mm)	18" (457 mm)	50 lbs (23 Kgs)	3" Vict (M)	2" & 3" NPT (F)
40		20						
2½ HH (c)	25	120	7" (188 mm)	18" (457 mm)	50 lbs (23 Kgs)	3" Vict (M)	2" & 3" NPT (F)	
	42	80						
	55	50						
2½ HV (c)	68	20	7" (188 mm)	18" (457 mm)	50 lbs (23 Kgs)	3" Vict (M)	2" & 3" NPT (F)	
	30	140						
	50	100						
5 HH (c)	65	75	7" (188 mm)	24" (609 mm)	65 lbs (30 Kgs)	3" Vict (M)	2" & 3" NPT (F)	
	105	100						
	125	75						
3"	2¾ (b)	150	7" (188 mm)	18" (457 mm)	50 lbs (23 Kgs)	3" Vict (M)	2" & 3" NPT (F)	
		20						290
		30						230
		45						160
	3½ (b)	60	100	7" (188 mm)	22" (559 mm)	65 lbs (30 Kgs)	3" Vict (M)	3" NPT (F)
		70	50					
5 HV (c)	30	300	7" (188 mm)	22" (559 mm)	65 lbs (30 Kgs)	3" Vict (M)	3" NPT (F)	
	55	200						
	70	125						
4"	10 HV (c)	85	10½" (267 mm)	29" (737 mm)	150 lbs (68 Kgs)	5" Vict (M)	4" NPT (F)	
		20						600
		60						400
		80						300
	10 HH (c)	100	100	10½" (267 mm)	29" (737 mm)	150 lbs (68 Kgs)	5" Vict (M)	4" NPT (F)
		140	100					
15 HV (c)	30	800	10½" (267 mm)	41" (787 mm)	155 lbs (70 Kgs)	5" Vict (M)	4" NPT (F)	
	50	600						
	87	400						
15 HH (c)	120	200	10½" (267 mm)	41" (787 mm)	155 lbs (70 Kgs)	5" Vict (M)	4" NPT (F)	
	20	550						
	60	450						
6"	25 HV (c)	120	12¾" (327 mm)	37" (940 mm)	275 lbs (125 Kgs)	6" Vict (M)	6" NPT (F)	
		150						1000
		50						750
		500						500
	25 HH (c)	800	600	12¾" (327 mm)	37" (940 mm)	275 lbs (125 Kgs)	6" Vict (M)	6" NPT (F)
		105	400					
160		200						
50 HV (c)	50	1400	12¾" (327 mm)	37" (940 mm)	343 lbs (156 Kgs)	6" Vict (M)	6" NPT (F)	
	100	1100						
	140	750						
	160	500						
50 HH (c)	80	1000	12¾" (327 mm)	37" (940 mm)	343 lbs (156 Kgs)	6" Vict (M)	6" NPT (F)	
	150	600						
	180	450						
	210	250						

HV = High Volume    HH = High Head    Available in (a) 1 & 3 phase, (b) 1 phase, or (c) 3 phase



1. Type SO or Type G power cable with cable strain relief on all pumps for maximum cable and connection protection.
2. Eyebolt on ¾ and 1 HP (Two lifting lugs on center line or larger units).
3. Hardware is stainless steel (¾ and 1 HP only) or zinc-plated to resist erosion, corrosion and wear.
4. Buna "N" O-ring static seals.
5. Motor construction with silicon steel laminations, die-cast aluminum rotors and copper magnet wire. Also utilizes a Class B (¾ and 1 HP) and Class F (2 - 50 HP) insulation system.
6. Anti-corrosion treated wetted surfaces.
7. Stainless steel shaft resists corrosion.
8. Oil chamber for seal lubrication.
9. Suction case made of 356T6 Aluminum, anti-corrosion coated, plus wear-resistant polyurethane liner.
10. Rugged suction strainer is stainless steel.
11. Water-tight connection box (not shown).
12. Pressure test plug to check integrity of pump seals (not shown).
13. 356T6 Aluminum, anti-corrosion coated discharge head.
14. Permanently lubricated radial bearings.
15. Special abrasion resistant wear plate on 2 - 5 HP models protects the diffuser from abrasive material (not shown).
16. Permanently lubricated thrust bearings.
17. Inboard ceramic and carbon shaft seal with Buna "N" elastomers.
18. Outboard Prosser-designed silicon carbide shaft seal with Viton® elastomers for durability and wear resistance (not shown).
19. Polyurethane impellers with stainless steel option on ¾ - 1 HP units. Abrasive-resistant impellers of hardened 17-4 stainless steel (40-44 Rockwell) on 2 HP and larger models.

## Series Operation Increases Productivity

The in-line suction and discharge of the Prosser Standard-Line pumps permits pumps to be connected in series providing double the discharge pressure. Series operation enables you to use the same pumps on different jobs with varying head requirements or with smaller diameter well casings. While a single pump may be sufficient for one job, simply connecting pumps in a series permits two small pumps to do the work of one large pump.

*Since 1942, people who require quality and performance have specified Prosser® Pumps.*

## Prosser Pump Control and Accessories

### Pump Control Panels

- Equipped with a special circuit breaker that provides protection against short circuit, overload, and locked rotor by disconnecting power to the pump if any of these conditions occur. The circuit breaker also serves as a manual across-the-line motor control.
- Includes a reset button to start pumping once conditions have been corrected.
- Offered with standard length cable (other lengths available).
- Optional rainproof (NEMA 3R) or watertight (NEMA 4) corrosion-resistant enclosures available.

### Galvanic Protection Kit

- Protects pump against corrosion caused by electrolytic action.

### Sludge and Mushroom Strainer

- Designed to raise the pump's suction screen above sludge in a manhole or pit.
- Removes water with a top-down pumping action to a level of 6" - 8" from the bottom
- Fits all Prosser Standard-Line® pumps to ¾ - 5HP.
- Mushroom strainer will allow water removal to within .25" of floor level (2" Discharge Units).
- Easily assembled and disassembled.



## About Crane Pumps & Systems

Since 1946, Crane Pumps & Systems has been designing and manufacturing pumps, accessories and systems to provide solutions for municipal water and wastewater, residential, commercial, industrial and military pump market segments. Our trusted brands include Barnes<sup>®</sup>, Burks<sup>®</sup>, Crown<sup>®</sup>, Deming<sup>®</sup>, Prosser<sup>®</sup> and Weinman<sup>®</sup>.

For more information visit:  
**Cranepumps.com**

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## About Crane Co.

Crane Pumps & Systems is one of four strong business units that make up Crane Co.'s Fluid Handling segment. Crane Co. is a diversified global manufacturer of engineered industrial products traded on the New York Stock Exchange (NYSE: CR). One of its segments, Crane Fluid Handling, provides highly engineered products for fluid handling applications worldwide.

For more information visit:  
**Craneco.com**

**CRANE**<sup>®</sup>

A Crane Co. Company

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