

2087 Series Diaphragm Pump



Automatic-Demand Pump 12 VDC with Electrical Package



2087-593-135
(Front and Back Shown)

- Self-priming up to 3,7 vertical metres
- Chemical-resistant materials
- Can run dry without damage
- Rocker switch protected from the elements by a clear boot
- Built-in on/off switch included
- 2 pin connector on power lead

These models include an aesthetically-pleasing molded assembly, housing a rocker-type manual switch with international on/off switch symbols. Wiring is neatly routed into the molded assembly through form fitted entries and strain relieved inside the housing.

Order Information

Part #	Description	Max LPM	Max BAR	Port Size	Max Draw
2087-593-135	Standard Demand Pump: Viton® valves, Santoprene® diaphragm, 3,1 BAR demand switch	11,35	3,4	½ inch MSPT* Male	8

* ½ inch - 14 National American Straight Pipe Thread

Model	BAR	L/min	Amps
2087-593-135	0,7	10,6	5,3
	1,4	10,2	5,5
	2,1	8,9	6,7
	2,8	7,8	7,7
	3,4	5,4	8,0

2088 Series Diaphragm Pump



Automatic-Demand Pumps 12 VDC



2088-343-135

- Self-priming up to 3,7 m
- Chemical-resistant materials
- Can run dry without damage
- Automatic demand
- Built-in check valve (varies by model) prevents back flow of fluid into the solution tank
- Continuous duty motor on fin-cooled version

SHURflo 2088 Series diaphragm pumps deliver reliable performance in high flow, moderate pressure applications. They are used in a variety of spot spraying, multi-tip spraying and fertilizer drip applications that require flows of up to 13,6 l/min. They are available in a variety of chemical-resistant materials.

Order Information

Part #	Description	Max LPM	Max BAR	Port Size	Max Draw
2088-343-135	Standard Pump: Viton® valves, Santoprene® diaphragm, 3,1 BAR demand switch	11,35	2,7	½ inch MSPT* Male	7,7

* ½ inch - 14 National American Straight Pipe Thread

Model	BAR	L/min	Amps
2088-343-135	0,7	10,6	5,3
	1,4	10,2	5,5
	2,1	8,9	6,7
	2,8	7,8	7,7

Order Information

Part #	Description	Max LPM	Max BAR	Port Size	Max Draw
2088-443-144	Standard Pump: Santoprene® valves, Santoprene® diaphragm, 3,1 BAR demand switch	13,24	3,1	½ inch MSPT* Male	9,1

Model	BAR	L/min	Amps
2088-443-144	0,7	10,7	5,8
	1,4	9,7	7,0
	2,1	8,7	8,0
	2,8	7,6	9,1

2088 Series Diaphragm Pumps



No Control 12 VDC



2088-343-500

- Self-priming up to 3,7 vertical metres
- Chemical-resistant materials
- Can run dry without damage
- Built-in check valve (may vary by models) prevents back flow of fluid through the pump

SHURflo 2088 Series diaphragm pumps deliver reliable performance in high flow, moderate pressure applications. They are used in a variety of spraying and transferring applications that require flows of up to 12,5 l/min. They are available in a variety of chemical-resistant materials. They can be mounted in any position and are designed for easy maintenance.

Order Information

Part #	Description	Max LPM	Max BAR	Port Size	Max Draw
2088-343-170	Front Adapter Pump with Electrical Package: Viton® valves, Santoprene® diaphragm, ¼ inch FPT adapter mounted on switch port, built-in on/off power switch, fuse holder pre-wired w/2-wire molded connector, no demand switch	12,5	3,4	½ inch MSPT* Male	9,1
2088-343-500	Front Adapter Pump: Viton® valves, Santoprene® diaphragm, ¼ inch FPT adapter mounted on switch port, no demand switch			½ inch MSPT* Male	10,1

Model	BAR	L/min	Amps
2088-343-170	0,7	11,3	5,0
	2,1	9,0	7,5
	2,8	8,1	8,3
	3,4	7,0	9,1
2088-343-500	0,7	10,6	5,8
	2,1	8,6	8,3
	2,8	7,5	9,3
	3,4	6,4	10,1

* ½ inch - 14 National American Straight Pipe Thread