



## 89000 Series Self Priming Sprinkler Pumps

A.Y. McDonald's E-Series Sprinkler Pump is designed with a 1 1/2" inlet and outlet with a flow of up to 85 GPM. With an easy switch between 115V and 230V and a 304 stainless steel insert on the impeller, this high quality pump also contains a stainless steel wear ring between the impeller and diffuser. The E-Series Sprinkler Pump is available in 1, 1 1/2, and 2 HP and comes with a reliable, robust, and tested motor.

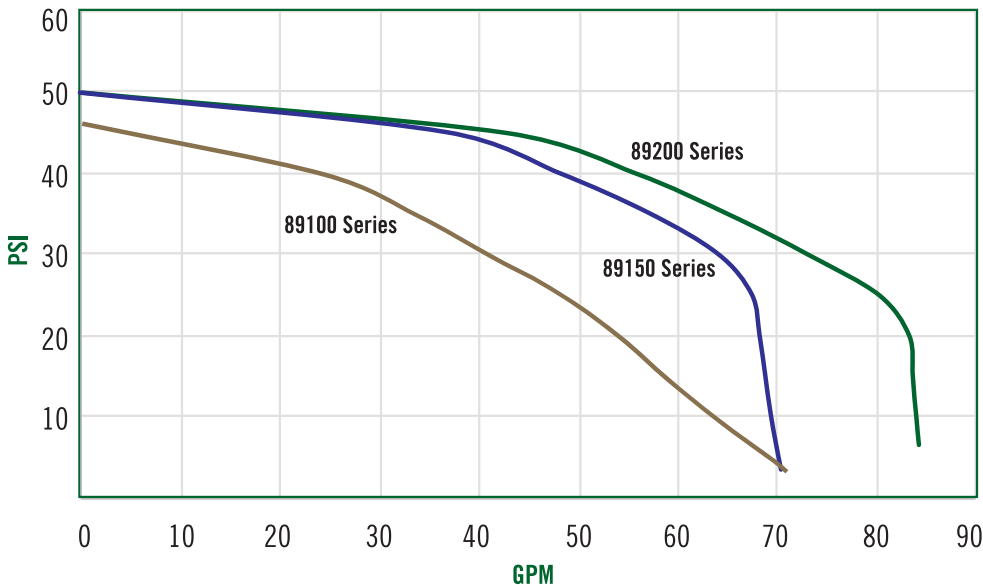


### Features:

- Up to 85 GPM
- 1 1/2" Inlet & outlet
- Reliable, robust, and tested motor
- Easy to switch between 115V & 230V (Factory preset to 230V)
- 2 HP Sprinkler pump - 230V Only
- 304 Stainless steel motor shaft with wrench flat
- All iron pump housing and seal plate
- 304 Stainless steel insert on impeller
- Stainless steel wear ring between the impeller & diffuser
- Stainless steel bolt hardware connecting pump to motor

Irrigation & Booster Pumps

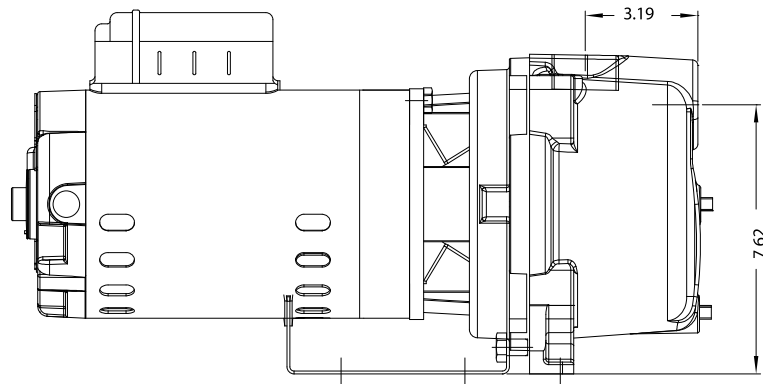
Flow GPM vs. Pressure PSI Curve



### Models Available

Model No.	HP	Volts	Pipe Sizes		Ship WT. (lbs.)
			Suction	Discharge	
89100	1	115 / 230	1 1/2"	1 1/2"	59
89150	1 1/2	115 / 230	1 1/2"	1 1/2"	63
89200	2	230	1 1/2"	1 1/2"	64

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## Performance

Model No.	HP	Suction Lift - FT.	Capacities in GPM at Discharge Pressure				Max. Shut off PSI
			10	20	30	40	
89100	1	0	63	54	41	24	46.2
		5	61	51	38	19	44
		10	56	46	32		41.9
		15	51	44	28		39.7
		20	43	40	23		38.3
		25	35	34	18		34.8
89150	1 1/2	0	69	68	64	48	49.9
		5	62	61	58	42	46.7
		10	55	53	51	35	45
		15	48	48	46	26	44.2
		20	42	40	39	15	43.8
		25	34	34	30		41.4
89200	2	0	83	83	73	54	50
		5	73	73	69	49	48
		10	57	57	56	39	48
		15	50	50	50	34	43.8
		20	42	42	42	22	45.1
		25	34	34	34		39.4