SUBMITTAL DATA SHEET

3 & 5 HP Lawn Spring Pumps Self-Priming Centrifugal

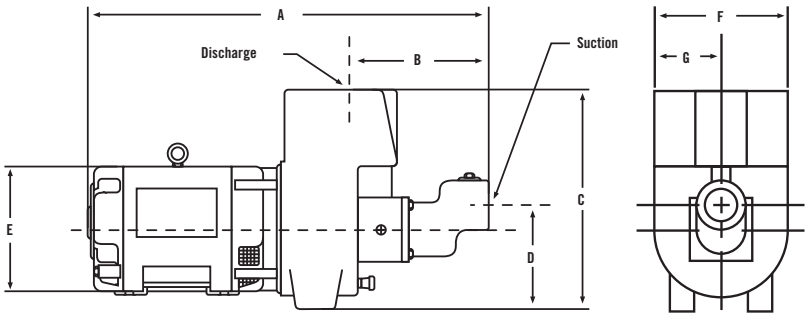
84000 Series

A.Y. McDonald 3 & 5 HP self-priming pumps are specially designed to be one of the fastest priming pumps on the market today. These pumps are well-suited for lawn sprinkling applications with a brass impeller, tapped for an air volume control and also includes a suction flange with a flapper valve to ensure priming.

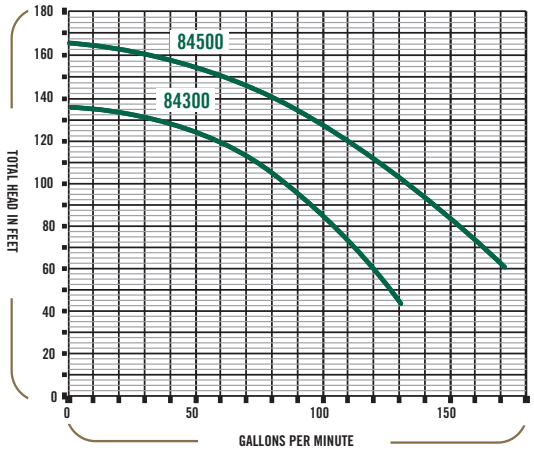
PERFORMANCE DATA

Model	HP	VOLTS	PHASE	NPT INCH		DISCHARGE HEAD		SUCTION LIFT IN FEET					WEIGHT LBS
				SUC	DIS	PSI	FEET	5	10	15	20	25	
								Capacity - U.S. Gallons per Minutes					
84300	3	230	1	2	1 1/2	20	46	123	120	108	98	70	144
						30	69	108	105	98	94	68	
84300-3	3	230 / 460	3	2	1 1/2	40	92	87	82	76	70	62	
						50	115	60	52	44	33	18	
84500	5	230	1	2 1/2	2	20	46	162	160	151	140	98	182
						30	69	160	158	150	136	98	
84500-3	5	230 / 460	3	2 1/2	2	40	92	146	141	136	130	96	
						50	115	118	115	104	94	94	

Specifications are subject to change without notice



PERFORMANCE CURVE



DIMENSIONAL INFORMATION

Model	HP	VOLTAGE	PHASE	SUCTION	DISCHARGE	A	B	C	D	E	F	G	LBS
84300	3	230	1	2	1 1/2	25.50	7.44	13.25	6.50	9.38	9.25	4.75	144
84300-3	3	208-230 / 460	3	2	1 1/2	23.50	7.44	13.25	6.69	7.19	9.25	4.75	144
84500	5	230	1	2 1/2	2	27.25	8.44	13.25	7.44	8.56	9.25	4.75	182
84500-3	5	208-230 / 460	3	2 1/2	2	25.75	8.44	13.25	7.44	9.38	9.25	4.75	182

SUBMITTAL INFORMATION

- All Pumps Equipped with NEMA JM 3,500 RPM
- Single Phase 230 Volt or Three Phase 230 / 460 Volt
- Dual Ball Bearing

NO-LEAD: The weighted average of the wetted surface of this no-lead product contacted by consumable water contains less than one quarter of one percent (0.25%) lead.

EST. 1856 McDonald

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A.Y. McDonald considers the information on this assembly drawing correct when published. Item and option availability, including specifications, are subject to change without notice.

Submitted by: