

Dayton Cast Iron Lawn Sprinkler Pumps

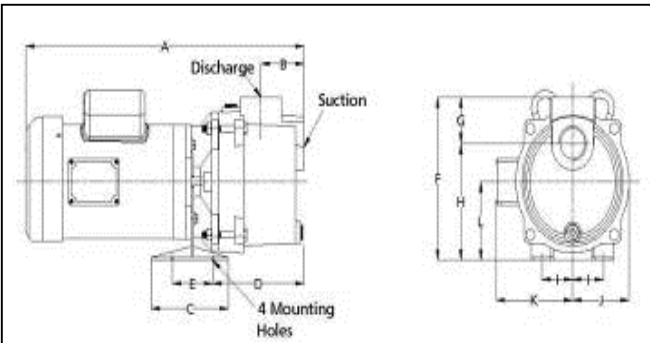


PUMPS technical data sheet

Sprinkler pumps are designed for self-priming applications such as lawn sprinkling, spraying, irrigation and general dewatering applications. Pumps are designed for non-abrasive and non-flammable fluids compatible with the pump materials of construction and are designed for continuous duty applications. These centrifugal pumps are not submersible and are manually operated.



**2HP & 3HP Two-Stage
Cast Iron Sprinkler Pumps**

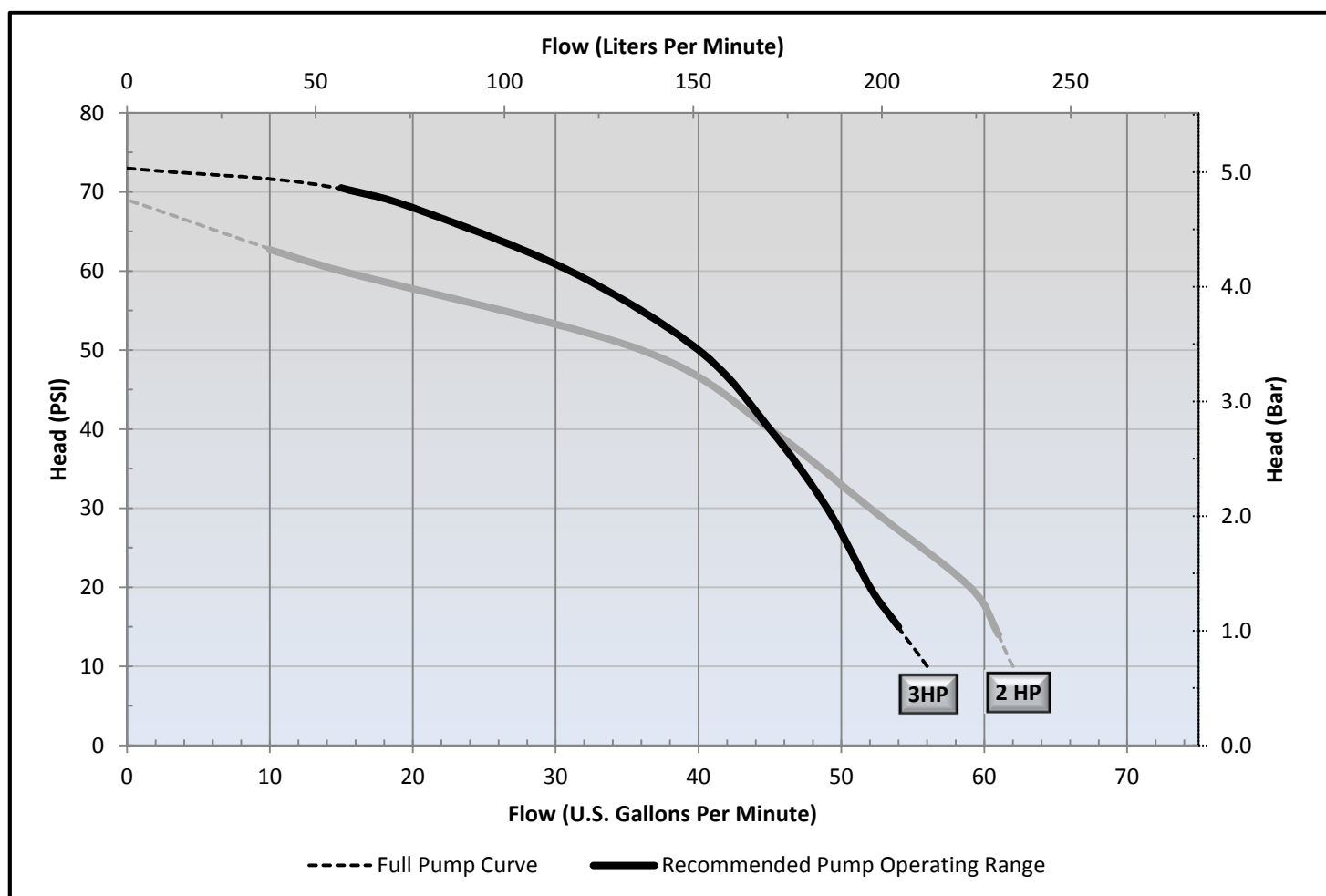


Max. Suction Lift	25 feet
Max. Case Pressure	150 psi
Overload Protection	Auto Reset Thermal Overload
Motor Shaft Material	304 Stainless Steel
Motor Housing Material	Painted Rolled Steel
Motor Duty	Continuous
Motor Bearings	Dual Sealed Single Row Ball
Frequency (Hz)	60
RPM	3450
Motor Type	NEMA 56J - TEFC
Bearing Lubrication	Permanently Lubricated
Volute Material	Cast Iron
Impeller Type	Enclosed
Impeller Material	304 Stainless Steel
Adapter Material	Cast Iron
Hardware Material	Plated Steel
O-rings	Buna-N
Seal Type	Single Mechanical
Seal Materials	Carbon / Ceramic / Buna-N
Operation	Manual Operation
Power Connection	Conduit Box
Max. Water Temperature	40-180° F (4-82° C)
Max. Ambient Temperature	104° F (40° C)
Designed Fluid Environment	Liquid Transfer, Cooling, Circulating

HP	2	2	3	3
Material Number	5RWH0	5RWH1	5RWH2	5RWH3
Voltage	115 / 208-230	208-230 / 460	115 / 208-230	208-230 / 460
Phase	1	3	1	3
Run Amps	22.8/12.5-11.4	10.6-9.7/4.8	28.8/14.8-14.4	12.0-10.6/5.3
Suction / Discharge	1-1/2"	1-1/2"	1-1/2"	1-1/2"
Dimension A (Inch)	21.00	19.50	22.59	20.30
Dimension B (Inch)	3.00	3.00	3.00	3.00
Dimension C (Inch)	7.00	7.00	7.00	7.00
Dimension D (Inch)	6.10	6.10	6.10	6.10
Dimension E (Inch)	2.80	2.80	2.80	2.80
Dimension F (Inch)	10.00	10.00	10.00	10.00
Dimension G (Inch)	2.75	2.75	2.75	2.75
Dimension H (Inch)	7.25	7.25	7.25	7.25
Dimension I (Inch)	2.20	2.20	2.20	2.20
Dimension J (Inch)	4.00	4.00	4.00	4.00
Dimension K (Inch)	4.90	4.90	4.90	4.90
Dimension L (Inch)	6.20	6.20	6.20	6.20

Performance Data

Head	2 HP	Shut off 69 psi / 4.76 bar	PSI	10	20	30	40	50	60	70	80
Flow Rate		Max. Flow 62 gpm / 235 lpm	GPM	62	59	52	45	36	15	-	-
Head	3 HP	Shut off 73 psi / 5.03 bar	PSI	10	20	30	40	50	60	70	80
Flow Rate		Max. Flow 56 gpm / 212 lpm	GPM	56	52	49	45	40	31	16	-



WARNING: Use only with nonflammable liquids compatible with pump component materials and in nonflammable/non-explosive atmospheres.

Call or visit your local branch or go to grainger.com/dayton for complete product line information

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