

# BERKELEY® SSHM-2 Series

## Self-Priming, Multi-Stage Centrifugal Pumps



The SSHM-2 stainless steel self-priming pumps are the first to deliver high-pressure performance without priming problems and delays.

### APPLICATIONS

- Irrigation systems
- Water supply systems
- Shower and washing systems
- Heating and air conditioning systems
- Fountains

### ORDERING INFORMATION

HP	Voltage/Phase	Catalog No.	Weight (Lbs.)	Max. Working Pressure	Suction	Discharge	Stages
2	230-1	B86073	95	130 Lbs.	1-1/2"	1-1/4"	3
2	230/460-3 TEFC	B86074					
2	230-1	B82456-01					4
2	230/460-3 TEFC	B82639					

### SPECIFICATIONS

**Motor Bracket and Integral Pump Base** – Close-grained cast iron, 1-1/2" NPT inlet connection, stable heavy-duty design for rigid pipe and solid base mountings

**Discharge** – Close-grained cast iron, 1-1/4" NPT discharge connection, with easy-access drain port for end of season draining and winterization

**Impellers and Diffusers** – Noryl® precision-molded extra-smooth ports to maximize efficiency and performance

**Outer Shell** – Polished 304 stainless steel

**Shaft** – 303 stainless steel

**Priming Valve** – Special brass priming valve for trouble-free operation during the initial pump priming

**Mechanical Seal** – High-pressure seal, carbon-ceramic seal faces, Buna-N elastomers

**Heavy-Duty Motor** – 2 HP, single-phase, 3450 RPM, 230-volt, high-service factor, capacitor-start/capacitor-run, open drip-proof motor, rated for continuous-duty operation. 230/460 TEFC available

**Maximum Inlet Pressure** – 20 PSI

**Maximum Discharge Pressure** – 130 PSI

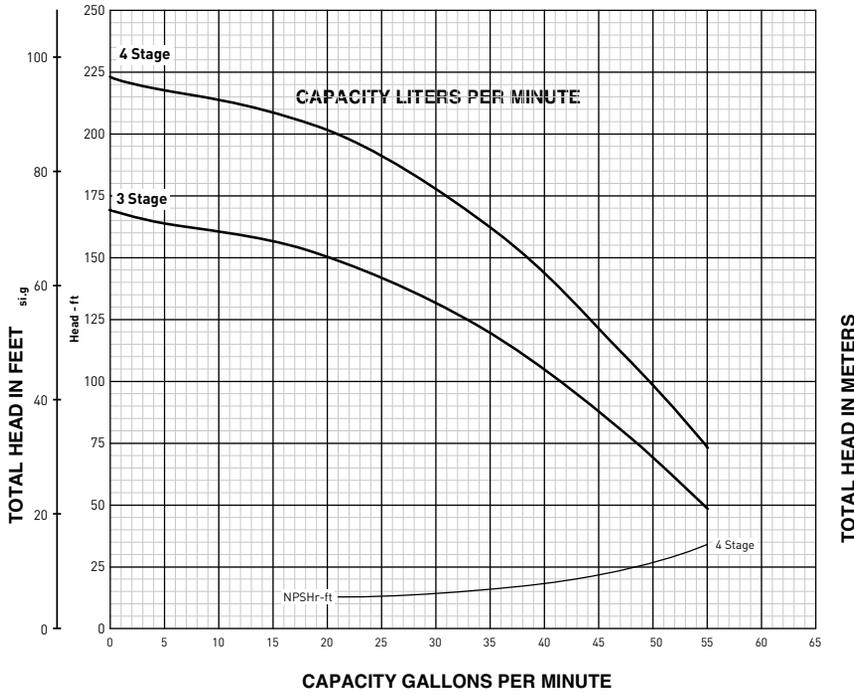
**Maximum Operating Temperature** – 120°F (49°C)

**Maximum Suction Lift** – 15 feet

**Number of Stages** – 3 or 4

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## PUMP PERFORMANCE

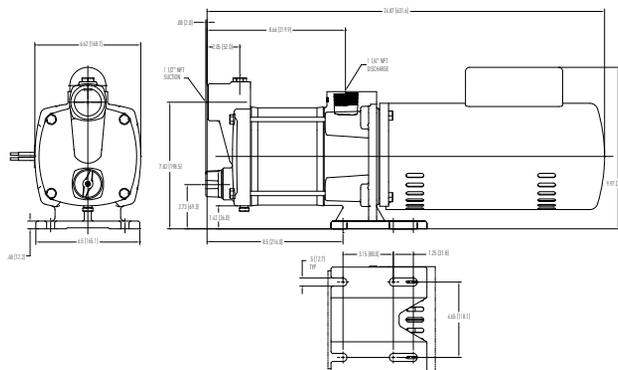


**NOTE:** Dotted lines indicate performance reduction at high suction lift.

## PUMP PERFORMANCE (Capacity in Gallons Per Minute)

Catalog Number	Phase	Stage	HP	Discharge Pressure		Suction Lift in Feet			
				PSI	Feet Head	5'	10'	15'	20'
B82456 B82639	1 3	4	2	20	46	57	54	47	40
				30	69	56	53	46	39
				40	92	52	50	44	39
				50	115	47	46	43	38
				60	138	43	42	41	37
B86073 B86074	1 3	3	2	20	46	55.9	53.8	52.0	50.4
				30	69	48.2	47.0	45.9	44.8
				40	92	43.1	42.0	40.8	39.4
				50	115	36.9	35.1	33.0	30.6
				60	138	26.0	22.7	19.0	14.8

## OUTLINE DIMENSIONS



Dimensions (in inches) are for estimating purposes only.



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Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.