

# BERKELEY® BPD Series

Corrosion-resistant, self-priming sprinkler pumps



Quick priming BPD Series Pumps feature lightweight construction in a self-priming design. These models offer a stronger pump body with reinforcement ribs and also a new 2" suction that is designed for the professional pump contractor.

## APPLICATIONS

Lawn and landscape sprinkling; self-priming out of tanks or cisterns.

Light chemical transfer for compatible fluids.

## SPECIFICATIONS

**Body and Base:** Fiberglass-reinforced thermoplastic

**Impeller:** Engineered polymer

**Diffuser:** Polypropylene

**Shaft:** 300 grade stainless steel

## FEATURES

**Quality Construction:** Fiberglass-reinforced thermoplastic provides total corrosion resistance and high resistance to sandy water.

**Lightweight Design:** Space-age materials make these pumps more portable than conventional cast iron pumps.

**Composite Impeller:** Highest performance and efficiency from ultra-smooth materials Precision-Molded for perfect balance.

**Easily Serviced:** Normal wearing parts are easily accessible for service and replacement, without disturbing piping or mounting.

**Dustproof Cover:** Electrical components protected from dust and insects.

**Heavy-Duty Motor:** Heavy-duty 1 through 2-1/2 HP motors. Designed for continuous operation. Stainless steel shaft.

**Dual Voltage Capability:** 1 and 1-1/2 HP motors have dual voltage motors and are shipped at the 230-volt setting. 2 and 2-1/2 HP are 230-volt setting only.

**Max. Operating Pressure:** 60 PSI

## ORDERING INFORMATION

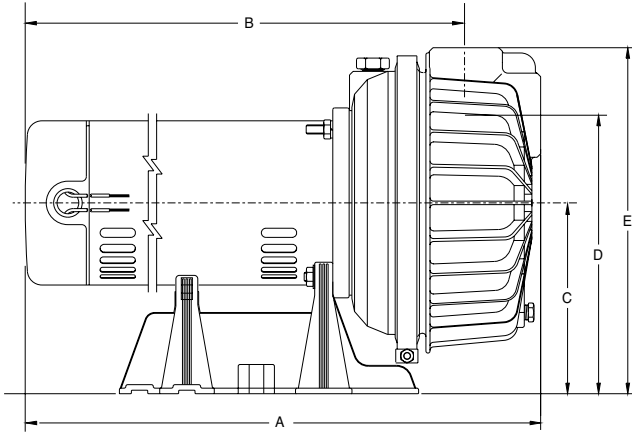
Catalog Number	HP	Pipe Tapping Sizes		Motor Voltage	Approx. Wt. Lbs.
		Suction	Discharge		
BPDH10	1	2"	1-1/2"	115/230	38
BPDH15	1-1/2	2"	1-1/2"	115/230	41
BPDH20	2	2"	2"	115/230	52
BPHD25	2-1/2	2"	2"	115/230	54

NOTE: All motors are shipped from the factory set at 230 volt.

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## OUTLINE DIMENSIONS



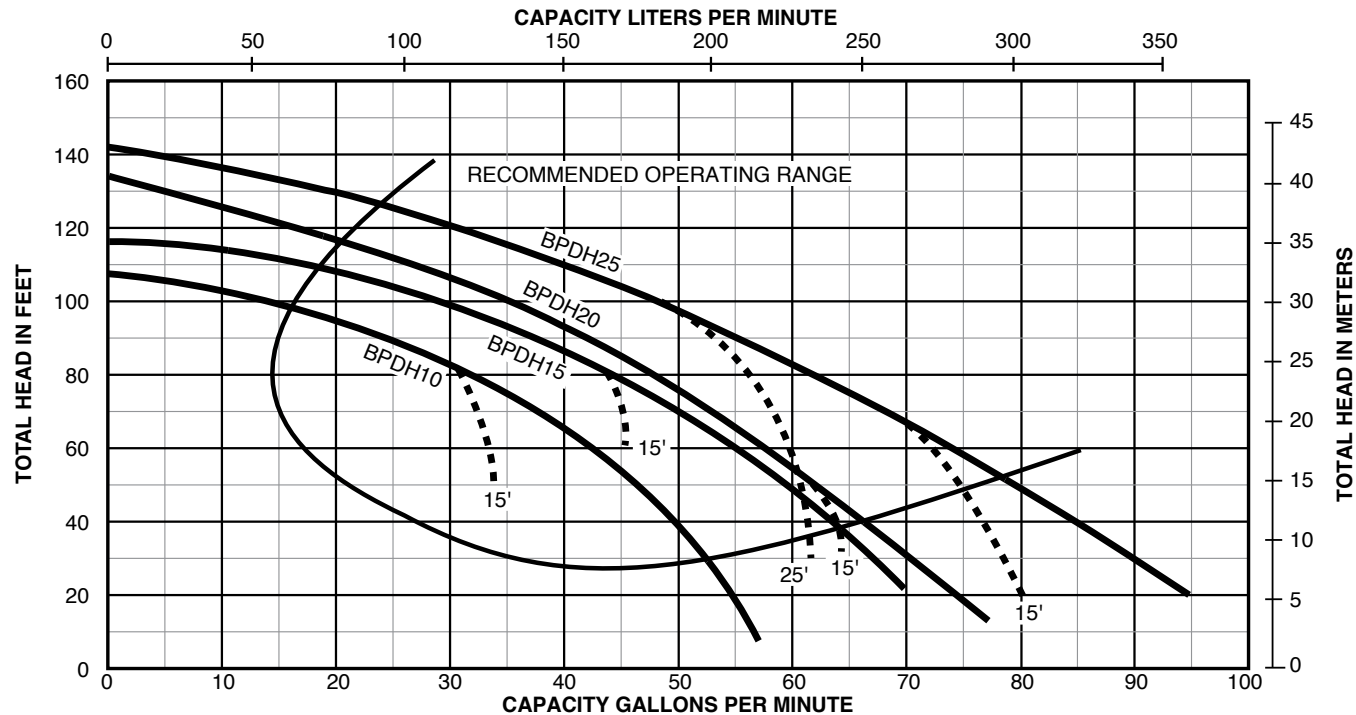
Catalog Number	A	B	C	D	E
BPDH10	17-5/8	15-1/8	6-9/16	9-9/16	11-13/16
BPDH15	18-3/4	16-1/4	6-9/16	9-9/16	11-13/16
BPDH20	20	16-3/16	6-9/16	8-7/8	12-3/8
BPDH25	20	16-3/16	6-9/16	8-7/8	12-3/8

Dimensions (in inches) are for estimating purposes only.

## PERFORMANCE (Capacity in gallons per minute)

Disch. Press. PSI	BPDH10 – 1 HP					BPDH15 – 1.5 HP					BPDH20 – 2 HP					BPDH25 – 2.5 HP				
	Distance Above Water																			
	5'	10'	15'	20'	25'	5'	10'	15'	20'	25'	5'	10'	15'	20'	25'	5'	10'	15'	20'	25'
10	53	52	50	48	46	67	66	64	61	59	70	69	67	64	62	90	88	86	82	80
20	45	42	39	37	35	59	56	54	50	47	61	59	56	53	50	79	76	72	70	65
30	35	31	27	24	18	48	44	40	37	32	50	48	44	41	37	66	62	57	55	50
40	17	10				31	26	20	10		36	33	25	23	19	50	45	42	37	32
50											16	9				30	23	20		

## PUMP PERFORMANCE



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



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