



corrosion-resistant self-priming sprinkler pumps



This product is Listed to UL Standards for Safety by Underwriters Laboratories Inc. (UL).



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 primer out of tanks or cisterns.**
- **Light chemical transfer for compatible fluids.**

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" | 230 | 52 |
| BPDH25 | 2-1/2 | 2" | 2" | 230 | 54 |

NOTE: All motors are shipped from the factory set at 230 Volt. 1 and 1-1/2 HP pumps also feature dual voltage motors. Easy to change voltage settings require switching only 2 wires to reset voltage. Just remove the dust cover and change the 2 leads on the terminal board as shown on motor nameplate.

BPD SERIES

SPECIFICATIONS

- Body and Base** – Fiberglass-reinforced thermoplastic
- Impeller** – Engineered polymer
- Diffuser** – Polypropylene
- Shaft** – 416 stainless steel

FEATURES

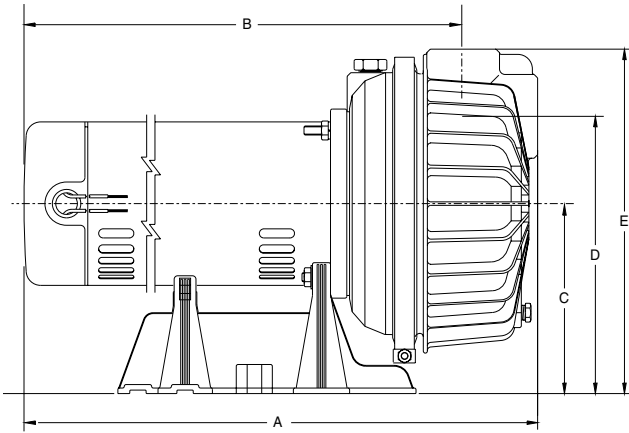
- Quality Construction** – Fiberglass-reinforced thermoplastic provides total corrosion resistance and high resistance to sandy water.
- Lightweight Design** – Space-age materials make these pumps more portable than conventional cast iron pumps.
- Composite Impeller** – Highest performance and efficiency 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.

Berkeley® is a registered trademark with the U.S. Trademark Office. In order to provide the best products possible, specifications are subject to change.



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OUTLINE DIMENSIONS



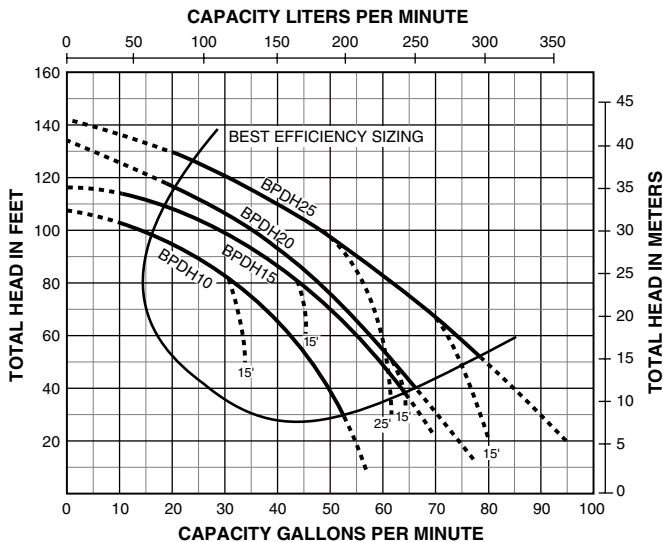
| Catalog Number | A | B | C | D | E |
|----------------|--------|---------|--------|--------|----------|
| BPDH10 | 18-5/8 | 16-1/8 | 6-9/16 | 9-9/16 | 11-13/16 |
| BPDH15 | 19-3/4 | 17-1/4 | 6-9/16 | 9-9/16 | 11-13/16 |
| BPDH20 | 21 | 17-3/16 | 6-9/16 | 8-7/8 | 12-3/8 |
| BPDH25 | 21 | 17-3/16 | 6-9/16 | 8-7/8 | 12-3/8 |

Dimensions (in inches) are for estimating purposes only.

PERFORMANCE (Capacity in Gallons Per Minute)

| Disch. Press. PSI | BPDH10 | | | | | BPDH15 | | | | | BPDH20 | | | | | BPDH25 | | | | | | | | | |
|-------------------|----------------------|-----|-----|-----|-----|--------|-----|-----|-----|-----|--------|-----|-----|-----|-----|--------|-----|-----|-----|-----|--|--|--|--|--|
| | 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.