



# **BERKELEY<sup>®</sup>** BVM SERIES VERTICAL MULTI-STAGE PUMPS

# BERKELEY® BVM SERIES VERTICAL MULTI-STAGE PUMPS

## Standing tall in demanding high-pressure and high-temperature applications

Berkeley Vertical Multi-Stage Pumps deliver outstanding reliability and performance in the most demanding operating environments. A selection of construction materials are available to maximize process dependability, versatility and performance.

**BVM**-AISI 304 or 316 Stainless Steel construction with a heavy-duty cast iron base and motor bracket, designed for pumping water and non-corrosive liquids.

**BVMI**-All AISI 304 or 316 Stainless Steel wetted parts, suitable for moderately corrosive or low pH liquids.

**BVMX**-All AISI 316 Stainless Steel wetted parts, suitable for aggressive industrial liquids and reverse-osmosis water.

### FEATURES

For any high-pressure application where more versatile and dependable performance is needed, count on a Berkeley Vertical Multi-Stage Pump.

- ▶ Five (5) flow series, BVM (I/X) 2, 4, 8, 16, 32\*
- ▶ NPT, victaulic, and flanged connections
- ▶ High-pressure tungsten-carbide seal with EPDM elastomers
- ▶ Continuous-duty, high efficiency designs
- ▶ Heavy-duty cast motor bracket insures proper motor alignment
- ▶ High-thrust ODP and TEFC motor options
- ▶ BVMI and BVMX models include gauge tabs for installation of diagnostic equipment
- ▶ Versatility in performance and design
- ▶ Retrofits easily in existing and new installations, reducing valuable downtime
- ▶ Lower operating costs

\*BVM 32 series features a replaceable cartridge seal.



# Raising expectations for features, performance and versatility

## FEATURING IMPROVED DESIGN

- ▶ Improved design features o-ring compression seal for extended durability under extreme operating conditions
- ▶ High quality 304 SS and 316 SS construction for longer serviceable life
- ▶ Snap-in-place coupling guards allow easy access to coupling
- ▶ TEFC or ODP high-thrust motors, direct coupled
- ▶ Multiple pump elastomers to enhance process compatibility
- ▶ High-pressure tungsten-carbide seal is standard
- ▶ Flanged, victaulic or NPT connections

## PREMIUM INTERNAL COMPONENTS

- ▶ 304 SS and 316 SS impellers, diffusers and 316 SS shaft for superior corrosion resistance
- ▶ Aluminum-oxide ceramic chamber bearings with tungsten-carbide bearing rings for extra durability
- ▶ Self-aligning Teflon® impeller wear rings for improved efficiency and reliability



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Teflon® is a registered trademark of E.I. du Pont de Nemours and Company.

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# BVM SERIES

**With a diversified line of products and accessories to choose from, you can easily customize the pump that's right for you.**



**MODEL BVM & BVMK -304SS AND 316 SS**

Construction available in victraulic and flanged connections.



**MODEL BVM**

Cast iron and 304 SS construction, available in both flanged and NPT connections.



**REPLACEMENT STACKS AND REPAIR KITS**

Available for immediate delivery and installation, saving on unnecessary downtime.



**ACCESSORIES**

Available from Berkeley® to support your application needs, including 316 SS By-Pass Orifices, Suction & Discharge Gauge Adaptor Kits and Companion Flanges.

# BERKELEY® BVM SERIES VERTICAL MULTI-STAGE PUMPS

## Performance you can count on

There is no project too big or too small for a Berkeley Pump. BVM Pumps have been used in many new, retrofit and package booster applications where space and high-pressure performance are at a premium.



### TYPICAL PRESSURE BOOSTING APPLICATIONS

- ▶ Reverse-Osmosis Systems
- ▶ Commercial Pressure Boosting
- ▶ Car and Truck Wash Systems
- ▶ Boiler Feed, Condensate, De-aeration
- ▶ Jockey Pumps for Fire Protection
- ▶ Municipal Water Supply
- ▶ Industrial Parts Washers
- ▶ Agricultural & Commercial Irrigation
- ▶ Pressure-Spray & Wash-Down Systems
- ▶ Pulp, Paper, Lumber & Mining
- ▶ Petrochemical: Refinery & Offshore

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# BVM SERIES

## Specifications and Performance

### The Berkeley® difference

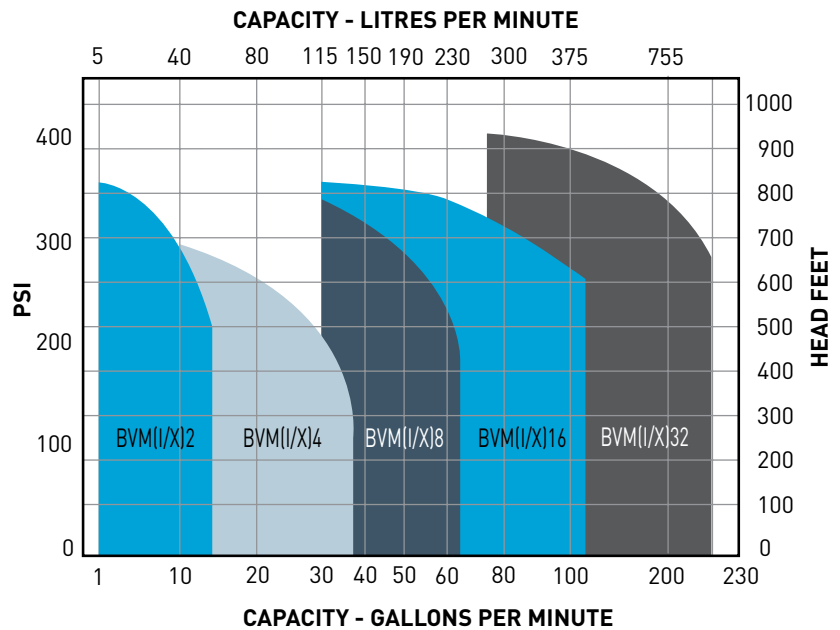
Everything we do shows up in the way Berkeley pump users look at us: with confidence. It's a confidence that goes from ordering to delivery to installation, on through years of trouble-free performance. It's a confidence that allows our customers to cure common pump worries and troubles: Smart solutions for innovative systems.

**Prompt delivery** - Berkeley Vertical Multi-Stage Pumps are assembled to your specifications at our manufacturing facility. Our large inventory of components, coupled with our quick-build assembly program, ensures prompt delivery. We're committed to building pumps on your schedule not ours.

The BVM Series from Berkeley Pumps provides outstanding performance in the most demanding applications. For a free catalog and more information about BVM Series Pumps, contact your Berkeley service representative at: 1-888-BERKELEY (1-888-237-5353). You are also invited to visit the Berkeley website at: [www.berkeleypumps.com](http://www.berkeleypumps.com).

Models			Flow Series	HP Range	GPM	Max PSI	Max Head Ft
Cast Iron	304 SS	316 SS					
BVM	BVMI	BVMX	2	1/2 - 5	1.2 - 20	350	810
BVM	BVMI	BVMX	4	1-1/2 - 5	3.0 - 40	303	700
BVM	BVMI	BVMX	8	3/4 - 15	5.3 - 65	346	800
BVM	BVMI	BVMX	16	5 - 25	8.5 - 115	355	820
BVM			32	3-40	15 - 220	398	920

Performance to 250 Deg. F & 360 psig.



### BEC<sup>2</sup> ELECTRONIC CATALOG

For matching the right pump to the right application, nothing can beat the Berkeley Electronic Catalog – **BEC<sup>2</sup>**. Available 24/7, **BEC<sup>2</sup>** allows you to quickly and accurately evaluate and select various BerkeleyPumps. **BEC<sup>2</sup>** can be accessed at: [www.bec2.net](http://www.bec2.net), or by visiting the Berkeley website ([www.berkeleypumps.com](http://www.berkeleypumps.com)).

