

# Z-FRAME SERIES CENTRIFUGAL PUMPS

## THE NEW STANDARD IN RELIABLE VERSATILITY.



**BERKELEY**



# BZ-SAE AND FRAME

**Designed for durability** – State-of-the-art design delivers in excess of 20,000 hours of bearing life, one of the industry's longest life cycles.

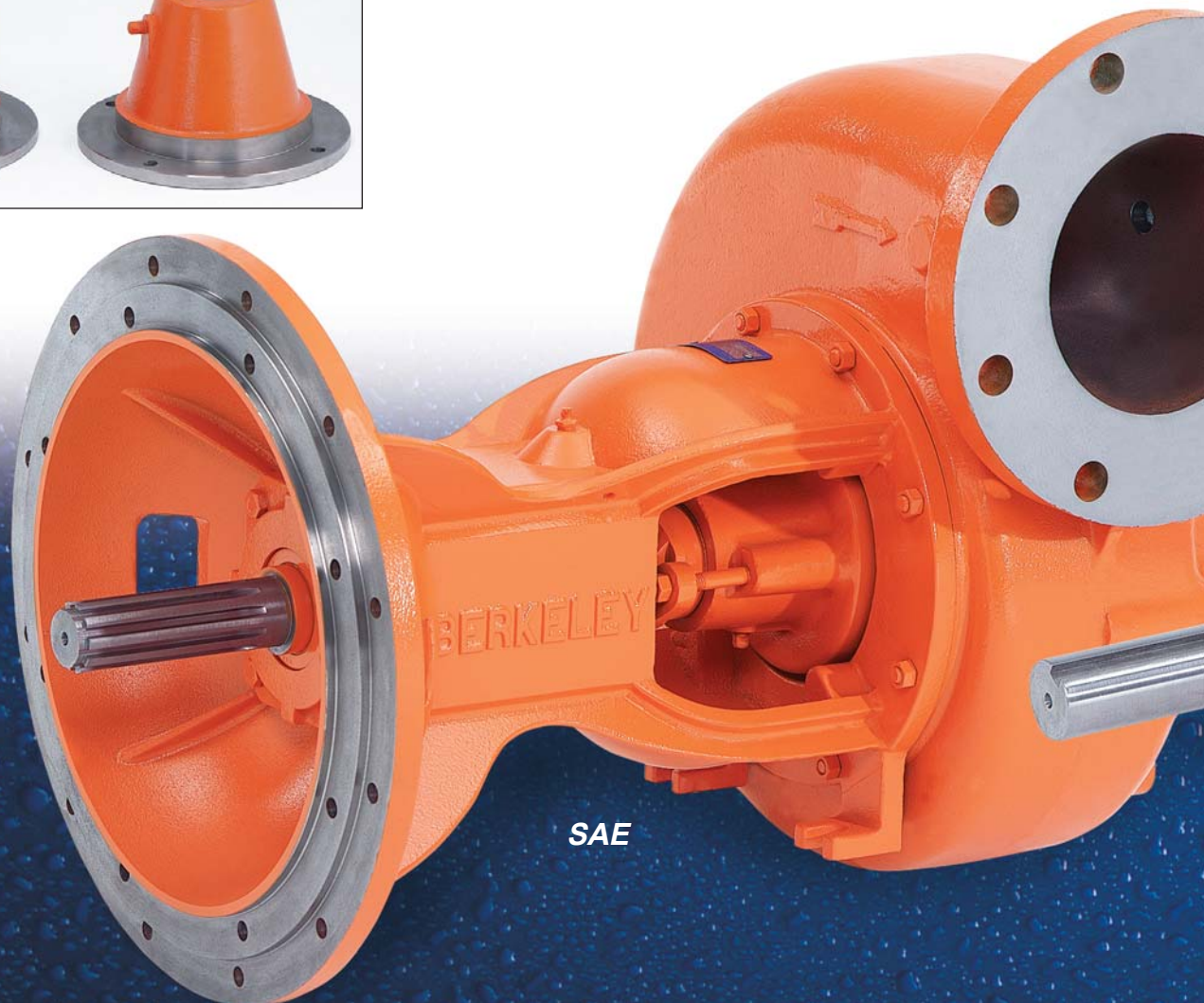
**Large cast-in feet** – Provides rugged and stable support for pump end. Will not interfere with volute rotation for increased application flexibility.

**Easy-access packing area** – Large opening is easily accessed on either side for improved serviceability.

**Rigidly-supported thrust bearing** – Extended dependability with minimal maintenance. Thrust bearing will handle extreme loads even in the most demanding conditions.

**Hefty 1-1/4" keyed-impeller shaft** – Delivers excellent reliability and durability under all types of operating conditions.

**Interchangeable seal housing** – Can easily change seals in-field from packing to mechanical or mechanical to packing for increased versatility and ease of maintenance.



SAE



# E-MOUNTED PUMPS.

**Large grease reservoirs** – Extends bearing life and reduces maintenance.

**Two-piece packing gland** – Comes apart easily for faster maintenance.

**Rotatable seal housings** – Allows more flexibility for flush lines.

**Wide variety of seal options** – Improves application flexibility.

**SAE #4 or #5 engine versatility** – Pre-drilled mounting holes allow for maximum engine-choice flexibility.

**Elastomeric coupling** – Extends the life of the pump and is capable of handling a wide range of horsepower (standard on all SAE pumps).

**Rugged spline shaft on SAE pumps** – Delivers extended durability and reliability. 1-1/2" x 10T spline conforms to industry standard.

**Fully-enclosed SAE bell housing** – Improves safety when installing or performing maintenance.

**Frame-mounted pumps available clockwise and counterclockwise** – Provides for increased versatility of application.

**RELAX,**  
**IT'S A BERKELEY™**



**FRAME MOUNTED**

# B3ZR-HYD CLOSED-COUPLED HYDRAULIC MOTOR-DRIVEN PUMPS.

**One-piece motor mount casting** – Allows for direct coupling to an SAE hydraulic motor for positive alignment and increased reliability.

**Small, compact design** – Makes the B3ZR-HYD a perfect fit for a wide variety of applications.

**Two or four-bolt motor-flange mounting** – Improves application flexibility and horsepower range.

**Rigid mounting feet** – Provides rugged stability and flexible mounting agility.

**Greased-for-life bearings** – Sealed bearings handle the toughest conditions with less maintenance for increased reliability.

**Interchangeable design** – Allows for easy replacement of existing pump without costly plumbing "change-out."

**Available clockwise and counterclockwise** – Provides for increased versatility of application.

**Feet mounting** – Will not interfere with volute rotation for increased application flexibility.



**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 with one simple phrase: Relax, it's a Berkeley.



**BEC: a Berkeley advantage** – Berkeley's Electronic Catalog (BEC) puts powerful pump specification, application and installation software right at our customer's fingertips 24 hours a day, every day, via the internet. At no charge or obligation, BEC can either be used interactively on the internet or the software can be downloaded from our website.



**PUMP SELECTION  
MADE EASY.**



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**Hydraulic**  
INSTITUTE

**RELAX,**  
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