



HIGH FLOW/HIGH EFFICIENCY CENTRIFUGAL IRRIGATION PUMPS



Designed for lower pressure applications such as flood, drip irrigation and water features

Features

- Broad flow range: 400–1500 GPM
- Industry leading 85% hydraulic efficiencies
- Long lasting, robust design
- Suction splitter for stable inflows



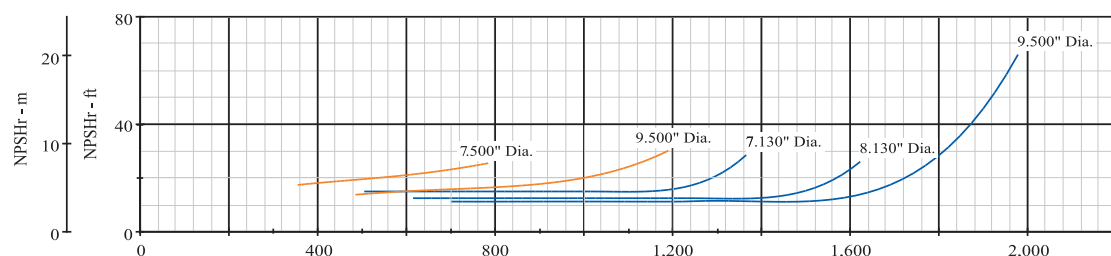
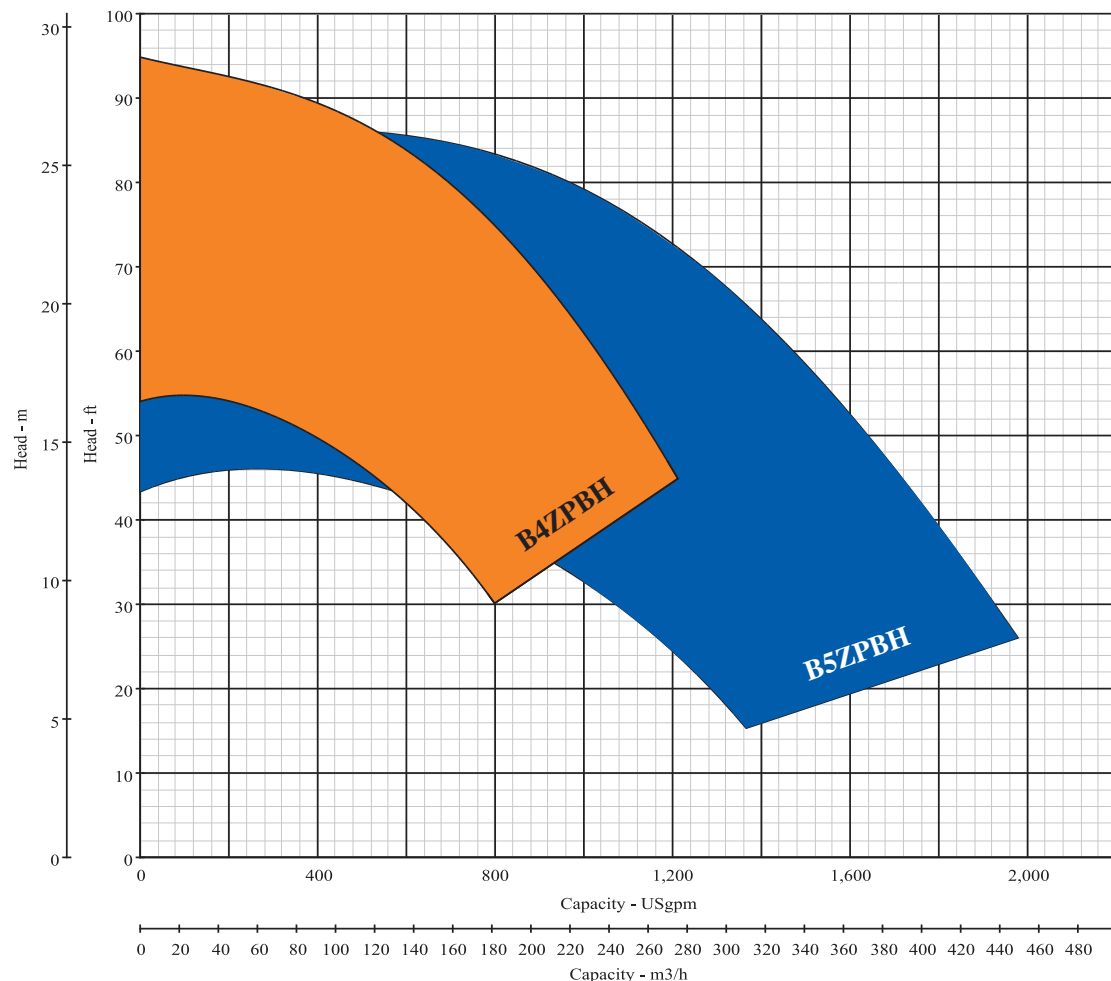
Construction Features

- 20,000 Hour bearing life
- Double volute
- Interchangeable seal chambers
- Dynamically balanced impeller
- Multiple vent and drain taps
- Replaceable stainless steel shaft sleeves
- Available with mechanical seal or graphite-impregnated PTFE packing
- High-quality lead-free/chromate-free primer and paint
- Heavy-duty bearings
- Dry-run optional

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PERFORMANCE CURVES

Nominal RPM: **1750**
Based on Fresh Water@ 68 deg. F.
Maximum Working Pressure: 175 PSI



— B4ZPBH
— B5ZPBH

Visit www.berkeleypumps.com and click the BEC2 icon to size the pump correctly for your application.

MATERIALS OF CONSTRUCTION

Part Name	Common Material	Specification
Volute case	Cast iron	ASTM A48 Class 30
Impeller	Cast Iron	ASTM A48 Class 30
Seal Chamber	Cast Iron	ASTM A48 Class 30
Adaptor Bracket	Cast Iron	ASTM A48 Class 30
Shaft Sleeve	416 S.S.	AISI 416SS
Lantern Ring	Minlon®	

Part Name	Common Material	Specification
Mechanical Shaft Seal	18-8 S.S. metal parts. "Buna-N" rubber belows, ceramic stationary, carbon rotating face.	
Packing Gland	Cast Iron	ASTM A48 Class 30
Packing	PTFE packing with Graphite Impregnation	
Bearing Frame	Cast Iron	ASTM A48 Class 30
Bearing Frame Pump Shaft	Stress proof carbon steel	ASTM A311 Class B



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