



HIGH FLOW/HIGH EFFICIENCY CENTRIFUGAL IRRIGATION PUMPS



Designed for clean water applications such as flood irrigation, water features, and pivot irrigation

Features

- Broad flow range: to 7500 GPM
- Industry leading 85% hydraulic efficiencies
- Long lasting, robust design
- Suction splitter for stable inflows
- Low operating costs



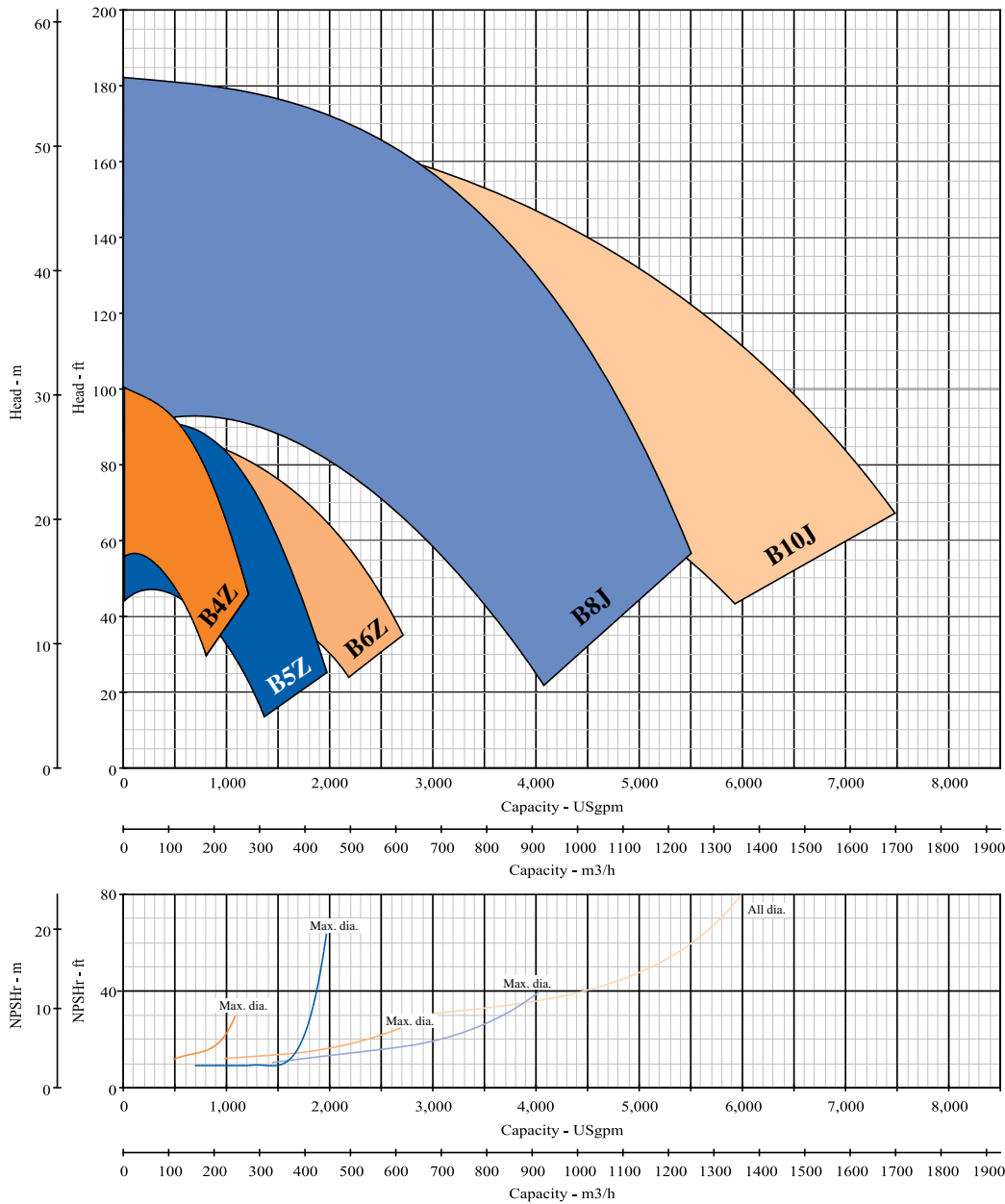
Construction Features

- 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

RELAX
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PERFORMANCE CURVES

Nominal RPM: **1770**
 Based on Fresh Water@ **68 deg F**
 Maximum Working Pressure: **175 PSI**



- B4Z
- B5Z
- B6Z
- B8J
- B10J

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	Part Name	Common Material	Specification
Volute case	Cast iron	ASTM A48 Class 30	Mechanical Shaft Seal	18-8 S.S. metal parts. "Buna-N" rubber belows, ceramic stationary, carbon rotating face.	
Impeller	Cast Iron	ASTM A48 Class 30	Packing Gland	Cast Iron	ASTM A48 Class 30
Seal Chamber	Cast Iron	ASTM A48 Class 30	Packing	PTFE packing with Graphite Impregnation	
Adaptor Bracket	Cast Iron	ASTM A48 Class 30	Bearing Frame	Cast Iron	ASTM A48 Class 30
Shaft Sleeve	416 S.S.	AISI 416SS	Bearing Frame Pump Shaft	Stress proof carbon steel	ASTM A311 Class B
Lantern Ring	Minlon®				

