

BERKELEY® TYPE B

COMMERCIAL OEM / PROCESS PUMPS

BERKELY BIG IRON -CLOSE-COUPLED CENTRIFUGAL PUMPS

are ideal for process water applications requiring high performance, trouble-free operation, easy maintenance, and moderate initial cost. Heavy-Duty, Cast-iron, construction with back-pull-out design permits access to the impeller & seals without disturbing piping.

Features / Benefits

Four-Position Discharge

Rotatable discharge can be positioned for fast, easy piping. Small models equipped with tapped suction and discharge; large models have standard ANSI 125# flat-face flange.

Premium-Grade Motors

NEMA Frame motors for greater efficiency, reliability and longevity. Special motors & enclosures available.

Motor Bracket

Precision-machined, closed-grain cast iron provides added strength to minimize deflection and ensure a tight component seal.

Maintenance-Free Shaft Seal

Self-lubricating, corrosion-resistant mechanical shaft seal provides maximum abrasion resistance and long service life. Multiple seal options available.

Replaceable slip-on shaft sleeve

Rugged stainless steel shaft sleeve provides maximum corrosion and wear resistance.

Replaceable Bronze wear Ring

Available on some models.

Superior Impeller

Precision-machined to optimize performance and operating efficiencies. Mechanically balanced to reduce bearing load for longer service life. Keyed and locked to motor shaft.

Heavy-duty Volute case

Thick-wall, close-grained cast iron stands tough in high-demand environment. Hydraulic efficiency is improved with CAD-based geometric design. Back pull-out design permits easy removal and repair without disturbing piping.

Multiple Taps

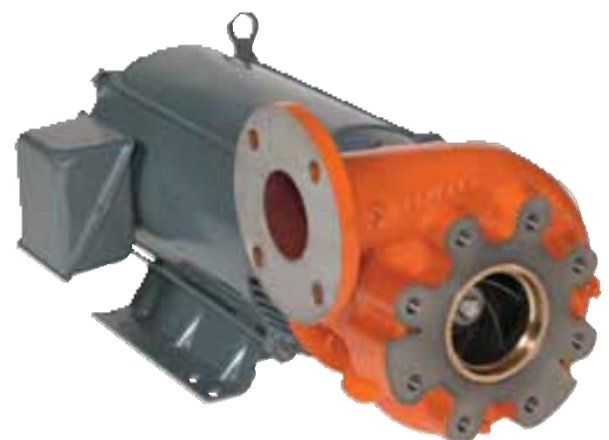
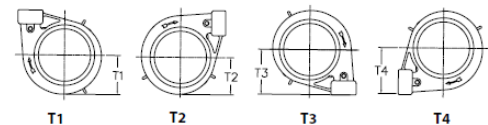
Taps included for easy priming and draining. Instrument and gauge taps available.

Durable Finish

High-quality lead-free/chromate-free primer and paint coatings.

Materials of Construction

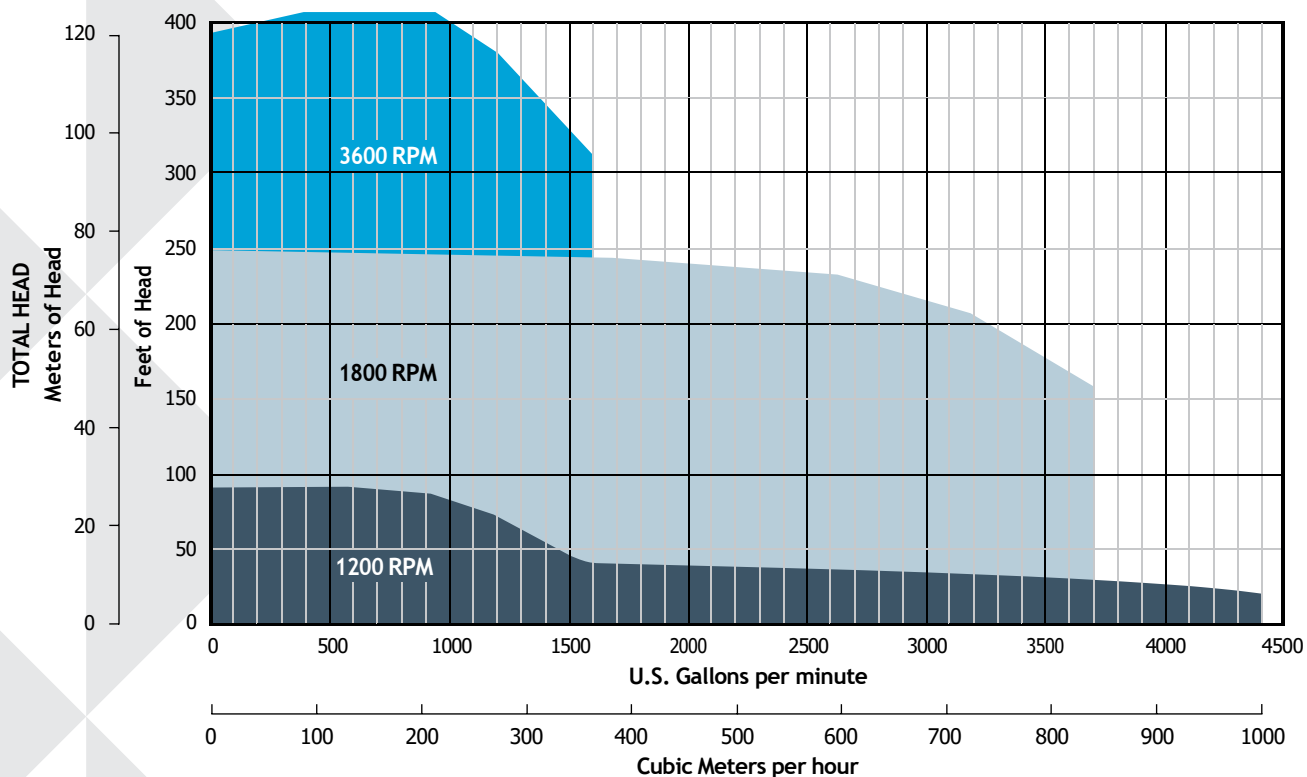
All Iron and CI/Bronze Fitted.



BERKELEY® TYPE B CLOSE-COUPLED MOTOR DRIVEN CENTRIFUGAL PUMPS

materials of construction

part Name	material	spec Number
Volute Case	Cast Iron	ASTM A48 Class 30
Wear Ring	Bronze	ASTM B584 (UNS C87500)
Impeller	Cast Iron	ASTM A48 Class 30
	Bronze (optional)	ASTM B854 (UNS C87500)
Seal Retainer	Cast Iron	ASTM A48 Class 30
Adaptor Bracket	Cast Iron	ASTM A48 Class 30
Shaft Sleeve	416 S.S.	AISI 416SS
Lantern Ring	Teflon®	
Mechanical Shaft Seal	18-8 S.S. metal parts; "Buna-N" rubber bellows, ceramic stationary, carbon rotating face	
Packing Gland	Stainless Steel	AISI 304
	Cast Iron	ASTM A48 Class 30
Packing	PTFE packing with graphite impregnation	
Close Coupled Motor Shaft	Carbon Steel	AISI C1045



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