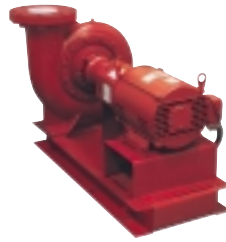




Series 1510 Pumps

The Industry Standard in End Suction Pump Design



Use Our Software to Choose Your Hardware

Equipment Selection Program

Our ESP-PLUS™ software program helps you choose the right equipment by giving you expert system and product application assistance, plus automatic calculations of payback and annual operating costs, equipment schedules, submittals, specifications and more. ESP-PLUS is also available online.



Little Red Schoolhouse®

Bell & Gossett is known throughout the HVAC business as the industry's educator. Our Little Red Schoolhouse, a completely equipped learning center, has trained more than 45,000 engineers, contractors and installers in the proper design, installation and maintenance of HVAC systems.



Pump Us for Information

Bell & Gossett's comprehensive Web site makes it easier for you to find, specify and understand centrifugal pumps, fluid handling systems, parts, specifications and applications.



Bell & Gossett

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For more information on Bell & Gossett centrifugal pumps, contact your B&G representative.



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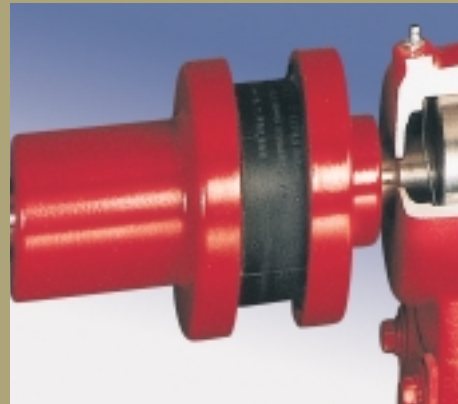
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Series 1510 End Suction Pumps

Define True Back Pull-Out Capability

Bell & Gossett's Series 1510 pump is like no other pump available today. It was designed with specific features to extend pump life, provide optimum hydraulic performance, and reduce maintenance time and costs—all while providing a *true back pull-out*, cost effective pump design.



True Back Pull-Out Design

The term "back pull-out" has been used by end section pump suppliers for years. Truly defined, the statement should indicate ease of service and disassembly of the pump for service. Specifically, the bearing frame and impeller should be able to be removed for service **without disturbing the pump volute or motor assembly**. This capability substantially reduces pump downtime and decreases maintenance costs. Bell & Gossett's Series 1510 fully meets these parameters.

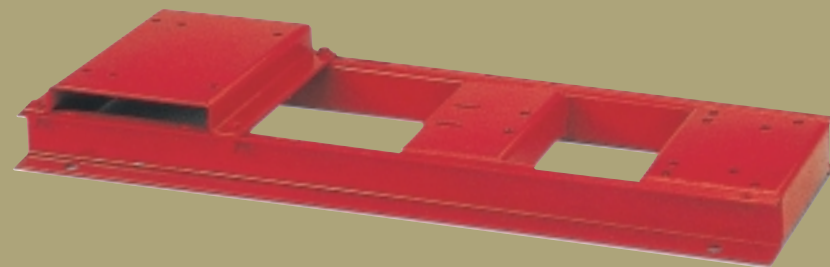
The following features are integral to a true back pull-out pump design. And you'll only find them in B&G's Series 1510.

Center Drop-Out Spacer Coupling

Unlike conventional jaw type or rigid style couplings, a center drop-out spacer coupling allows removal of the bearing frame and rotating element without disturbing the pump end pipe alignment or motor electrical connections.

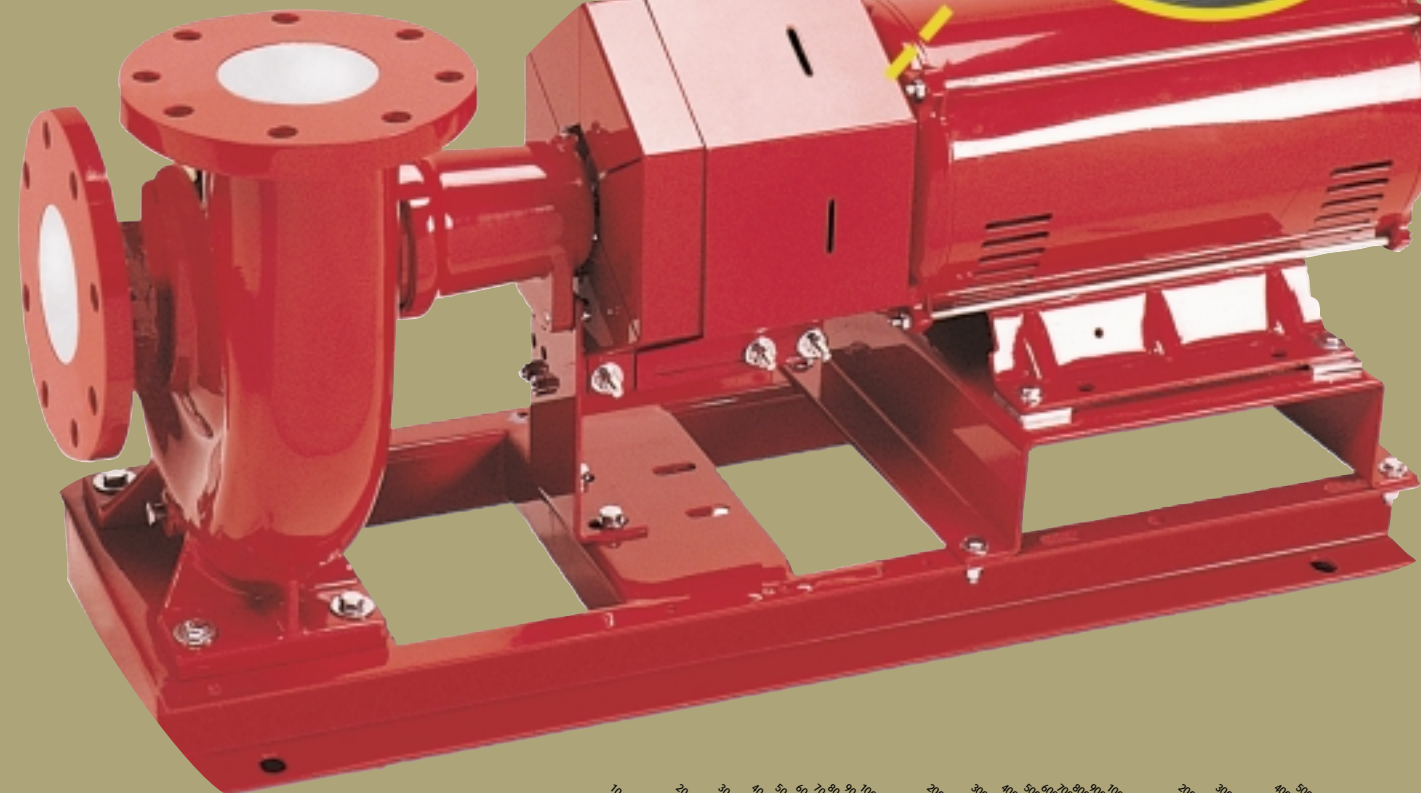
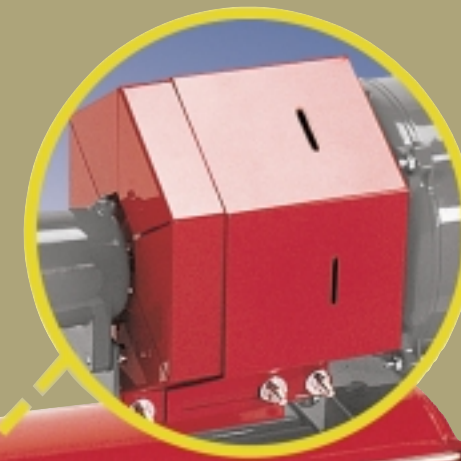
Heavy Duty Baseplate Assembly

The Bell & Gossett fabricated heavy duty base plate is supplied as standard on every Series 1510 pump. Unlike rolled steel and "C" channel baseplates, the Series 1510 baseplate provides a heavy duty saddle assembly, full seam welds, closed baseplate ends and an open top to provide ease of access for proper equipment grouting.



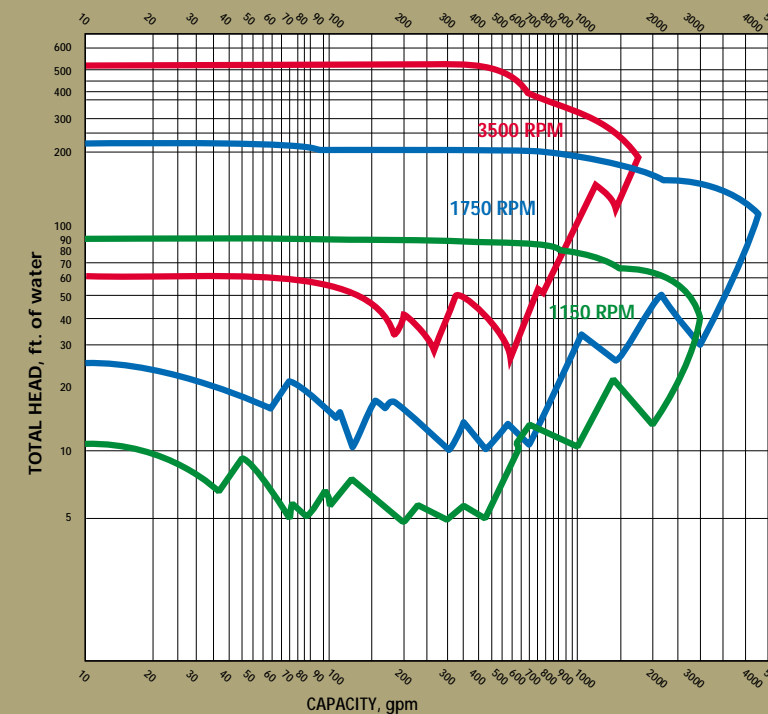
ANSI/OSHA-Compliant Coupling Guard

The coupler guard complies with ANSI B15.1, Section 8 and OSHA 1910.219. The guard offers increased protection against potential injuries and is standard on all 1510 pumps. The guards include slotted viewing windows for easy inspection.



Foot Mounted Volute

All Series 1510 pumps are provided as standard with an integrally cast volute foot located directly beneath the pump volute. This integrally cast foot ensures that the alignment between the volute and motor assembly is maintained. Without solid support beneath the volute, the piping weight alone will cause distortion which can lead to premature failure of the bearings, shaft and mechanical seal. This feature is equally important on hot water applications. The Series 1510 volute foot provides a solid foundation and eliminates the deflections which would otherwise exist within an unsupported overhung volute during the normal thermal expansion of the system piping against the volute.



Self-Flushing Mechanical Seal

Self-flushing mechanical seals were first introduced to the HVAC industry by Bell & Gossett. This standard feature ensures maximum seal face lubrication, heat dissipation and debris removal without vulnerable, external flushing tubing. The internal flushing action passes two and a half to three times the liquid over the seal faces compared to common externally flushed stuffing box configurations.

