




BOWIE
PUMPS



The pump solution that **saves you time**, can make you **more money** and is of course, **leak proof**.



PERFORMANCE YOU CAN COUNT ON

Bowie Pumps

300 Series Pumps

The industry standard in rubber gear pumps, the Bowie 300 Series is known for its low cost of ownership and ease of maintenance. The 300 Series is now available with helical steel or delrin gears for use in conditions where high fluid temperatures or chemical compatibility do not allow for the use of rubber gears. Known for its ease of repair, this pump has been the backbone of the Bowie product line in North America for over 25 years.

300 ED Series Pumps

The 300 Extended Duty (ED) Series was developed to improve upon the key features of the 300 Series. The bushings have been lengthened to a full 3 1/2" and the shaft has been increased to 1 1/4". The result is prolonged pump life, low cost of ownership and ease of maintenance and repair.

400 Series Pumps

The 400 Series outboard bearing pump uses positive suction with either clockwise or counterclockwise shaft rotation, pumping low to high viscosity and even abrasive liquids in some of Canada's most difficult operating conditions. And, as any Bowie Pump user will attest to, our pumps are easy to maintain - meaning less downtime for repairs and more time and money saved.

600 Series Pumps

The newest addition to the Bowie product line, the 600 Series is a high performance pump for use in the most severe of applications or in situations where extended service intervals are required. The design incorporates exclusive seal chambers working in conjunction with double inboard ball/roller bearings to isolate the pumped product. The end result is exceptional performance combined with the ultimate in leak-free protection.

9100 Series Pumps

One of Bowie Pumps' signature series pumps, the 9100 Series - best known as the Baby Bowie - is an ideal pumping solution when space is limited. Engineered to provide Bowie power in a smaller package, the 9100 Series is suitable for pumping chemicals and liquids of various viscosities in any of Canada's tough climates.

The market leader in rotary pumps, Bowie Pumps of Canada Ltd. is dedicated to the design and manufacture of dependable pumps that meet the unique needs of companies operating under the most unforgiving conditions.

With over 80 distributors across Canada, Bowie Pumps of Canada Ltd. has the largest distribution network supplying rotary gear pumps. Wherever you are in Canada, you have access to Bowie products. Just call 1.877.862.6943.

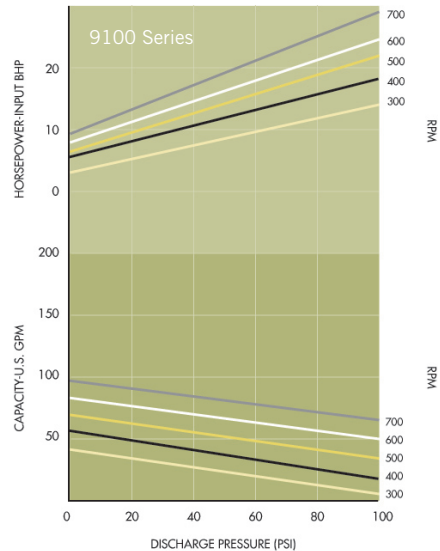
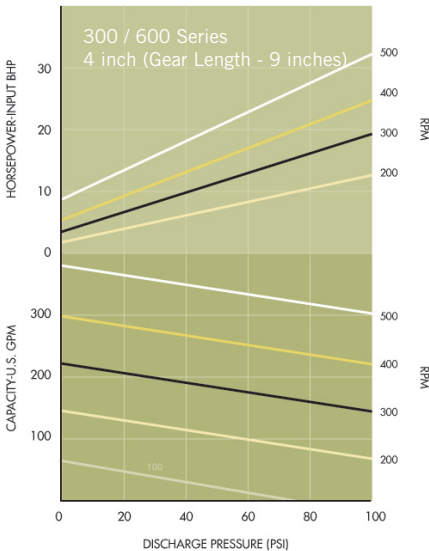
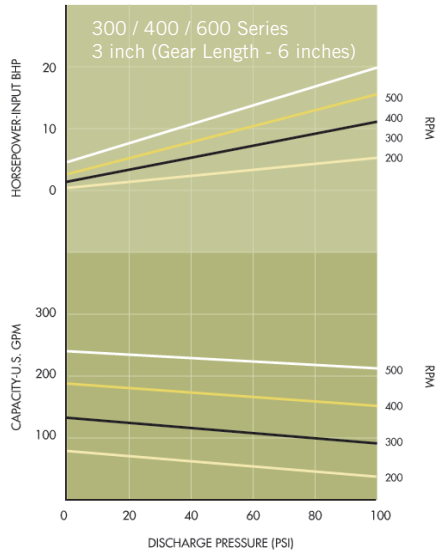
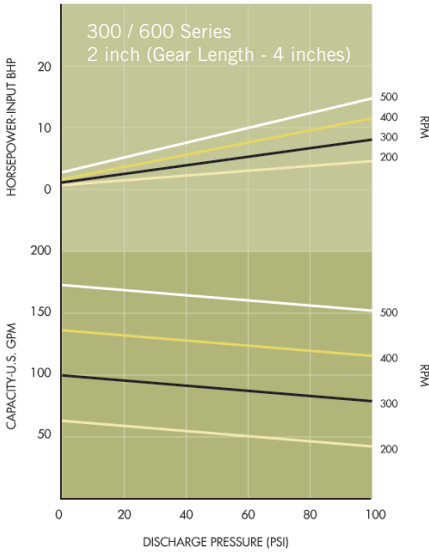
Why Choose Bowie?

Proven Performance

Rotary gear pumps are commonly referred to by the size of the ports installed on the pump. All Bowie pump series are available with 2, 3 or 4 inch ports. Gear length, which directly relates to the pumping capacity of the pump, should be taken into consideration when comparing pumps offered by different manufacturers. For example, a 4-inch Bowie pump contains a 9-inch long gear versus a 6-inch long gear in 4-inch pumps offered by competitors. The Bowie difference is pumping rates that are 35% higher than our competitors.

A 2-inch pump contains gears that have an overall length (OAL) of 4 inches. A 3-inch pump contains gears that are 6-inch OAL and 4-inch pump contains gears with an OAL of 9 inches.

All series of pumps are available with 2, 3, or 4-inch ports. The 300 and 600 Series pumps are available with inlet and outlet ports oriented at 90 or 180 degrees.



Available Sizes & Configurations

Even under extreme conditions, you can depend on Bowie pumps. We are the market leader in rotary gear pumps, designing and manufacturing the most dependable and easy-to-service pumps in the industry.

All Bowie pumps feature rugged design and construction. Improve your bottom-line with extended pump life, less down time and reduced operating costs.

Standard Construction Features Bowie 300/400/600/9100 Series

Pump Housing and Plates

- Made from durable ductile iron castings.

Shafts

- Induction hardened to extend shaft life.

Bushings

- High quality brass bushings allow the pump to operate at its peak performance in many different applications.

Packing/Seals

- A combination of Viton and Teflon lip seals protect bearings - double seal units are used to ensure extended life between replacement.

Gears

- Bowie offers three choice of gears to suit your application. All gears are interchangeable.
- **Bowie Buna-N** gears provide excellent self-priming characteristics and provide high performance, pumping highly abrasive fluids. The gear is the standard for use in pumping crude oil, water, liquid fertilizer and abrasive fluids.
- Ideal for pumping hot fluids, **Bowie Helical Steel** gears offer quiet, vibration-free operation. Bowie helical steel gears are induction hardened to increase toughness - the result, improved wear capabilities and longer gear life when compared to ordinary steel gears.
- **Bowie Helical Delrin** gears are the choice for pumping corrosive materials and fluids, fluids with high aromatic content, or acids and solvents.

Unique/Optional Features Bowie 600 Series

Pump Housing and Plates

- Hardened steel wear plates eliminate end plate wear and extend pump life.

- 90° housing

Shafts

- Optional stainless steel shafts are available for use in chemical service.

Bearings

- The 600 Series pump has two high quality bearings, located on the end of each shaft. The use of bearings, not bushings results in extended pump life.

Seals

- A mechanical seal on the drive shaft ensures leak-free performance.
- A wide selection of mechanical seals are available for specific operating conditions - contact Bowie to find out what seal is right for your application.

Unique/Optional Features Bowie 300/400/9100 Series

Pump Housing and Plates

- Optional hardened steel wear plates eliminate end wear and extend pump life.

- 90° housing

Shafts

- Optional stainless steel shafts are available for use in chemical service.

Bushings

- Optional 1 1/4 inch diameter shafts and extended bushings provide extended life in demanding conditions.



Performance you can count on

MAIN LOCATION

9333 - 41 Avenue NW
Edmonton, AB T6E 6R5
Tel (780) 465-7812
Fax (780) 469-2587

BRANCH LOCATION

#34, 147 Citation Drive
Vaughan, ON L4K 2P8
Tel (905) 760-0174
Fax (905) 760-0171

Toll Free 1-877-ToBowie | info@bowiepumps.com | www.bowiepumps.com