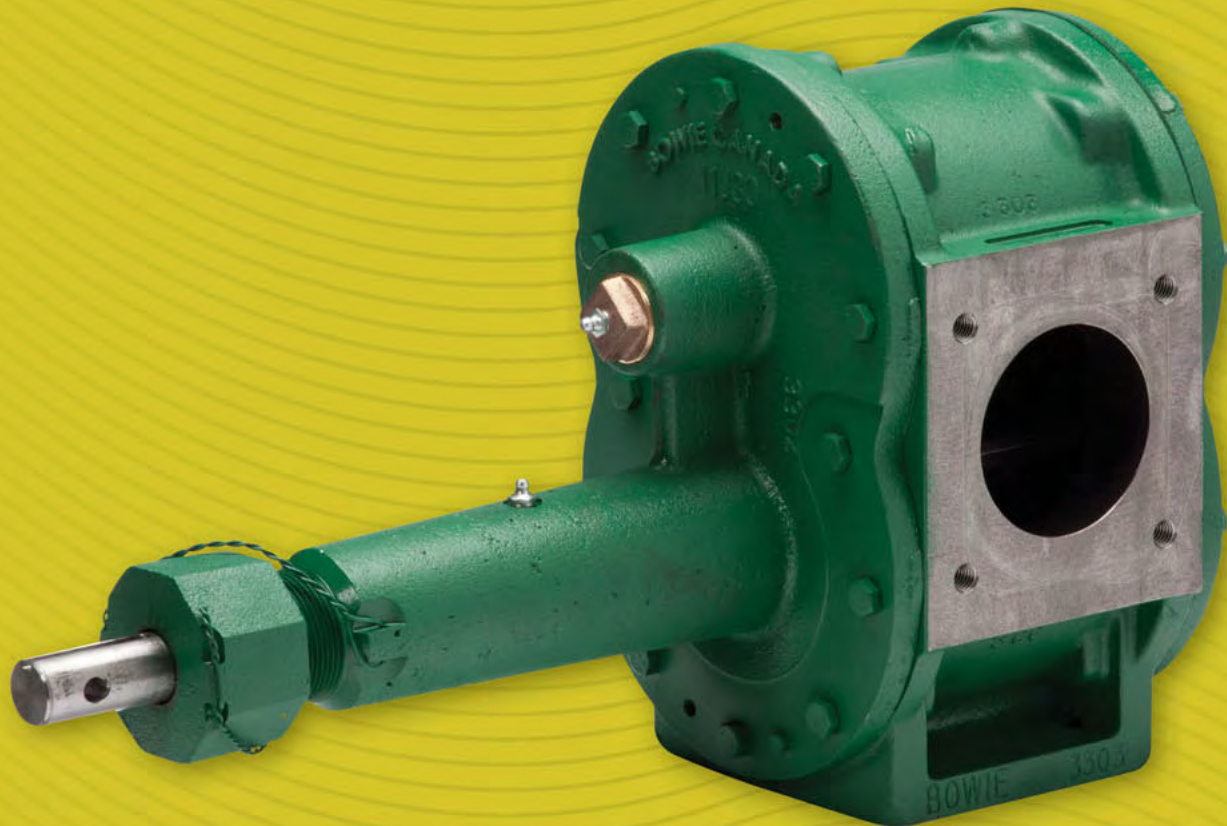


# SIGNATURE™ SERIES PROVEN PERFORMERS.



## THE LEADING NAME IN BUSHING-DESIGN PUMPS.

Meet Bowie's top-selling lineup of bushing-design pumps. The industry standard for durability, performance, serviceability and superior value.



OUTPERFORM. OUTLAST.



# YOUR PUMP IS YOUR LIVELIHOOD. CHOOSE WISELY.

In this business, it's not enough to act tough. You've got to be tough. And you've got to be able to crank out the volume. Day-in and day-out.

For over 50 years, Bowie Pumps has established a reputation as the leading name in bushing-design pumps. Our Signature™ Series pumps are the number one choice in the trucking industry. Whether hauling potable water or oilfield fluids – no pump offers better performance and value for your dollar.

Today, there are four lines within our Signature™ Series of pumps. Each is built to provide a unique fit to match your specific needs.

## WHAT SETS BOWIE PUMPS APART?

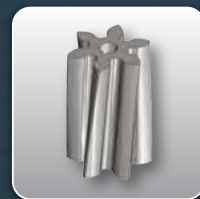
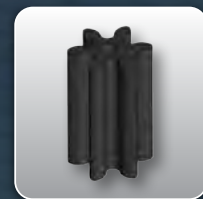
**Performance:** Bowie pumps deliver greater flow volumes than the competition (based on gallons/minute output).

When pitted against other rubber geared pumps, our Buna-N rubber gear pumps excel with up to 80% greater flow volume. In the steel gear category, Bowie has a 40% volume advantage.\*

**Durability:** Bowie components are designed and built to last longer. So you don't waste time and money replacing and repairing pumps prematurely.

**Serviceability:** In a world of deadlines, you can't afford downtime. Bowie pumps are designed for quick and easy do-it-yourself, on-the-spot repair. Most repairs can be done in less than 30 minutes and do not require any expensive tools.

**Superior value:** With their dependable performance and low operational/maintenance costs, Bowie's bushing-design pumps provide the best overall value for your money... and the lowest cost of ownership.



## WHAT YOU NEED TO KNOW ABOUT GEARS:

Signature™ Series pumps are available in two gear configurations:

### 1. Buna-N Synthetic Rubber Gears:

Our proprietary Buna-N rubber gears are the **longest lasting high strength rubber gears** on the market. They're everything you need for most applications.

### 2. Progressive Helical Steel Gears:

The unique twist angle of the helix and the innovative parabolic tooth profile, only attainable with a five-axis machining centre, make Bowie's progressive helical steel gears the top choice when you require longer pump life and maximum flow volumes.

These gears are recommended:

- Wherever **rubber is not compatible** or tends to break down prematurely (eg. concentrated acids, halogenated solvents/hydrocarbons).
- **High temperature, high pressure** operating conditions.
- **High volume output at higher RPMs.**

Bowie offers the largest gears and housing in the industry (9" long x 6" in diameter). This allows you to pump dramatically more volume at any port size.

Operating Criteria	Buna-N Rubber Gears	Progressive Helical Steel Gears
Max. Operating Temperature	70°C	160°C
Max. Rotation Speed	500 RPM	750 RPM
Max. Working Pressure	125 PSI	150 PSI



\* Based on manufacturers' published data.

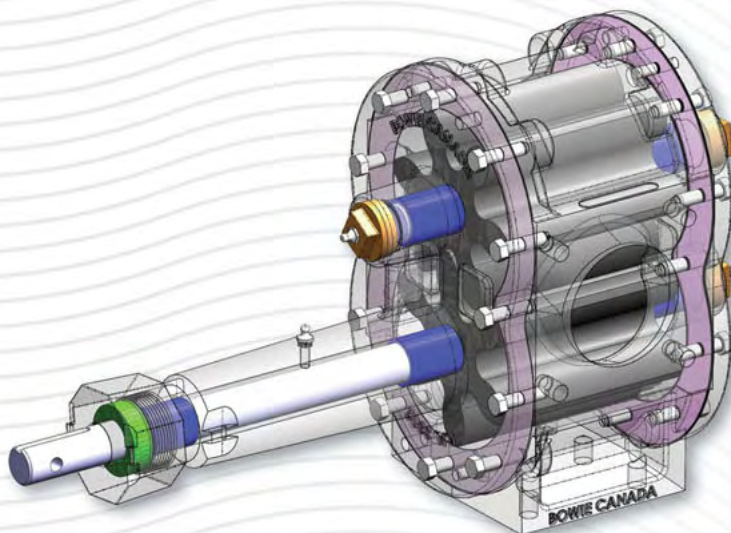


# BOWIE SIGNATURE™ SERIES

## 300 THE INDUSTRY STANDARD.

The 300 is our top-selling pump and has become regarded as the 'Industry Standard'. It's available in 2" and 3" port sizes. The 3" is available in both 90° and 180° orientations. It is the go-to pump for transporting water, oil, well site fluids, drilling materials and similar products.

-  Bushings
-  Packing Seal





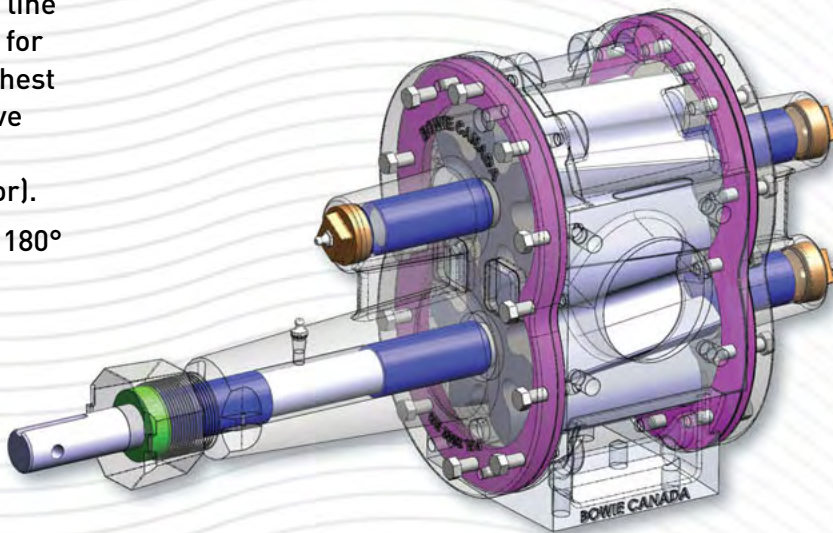
## 300 ED THE TOUGHEST OF THE TOUGH.

The ED stands for "Extended Duty". This model line is built with longer bushings and thicker shafts for the ultimate in pump life. For the industry's highest flow volume, the 4" 300 ED (with our Progressive Helical Steel Gears) pumps up to 660 gallons/minute (40% greater than the closest competitor).

Available in 3" and 4" port sizes, both in 90° and 180° configurations.

Invest up front. Save down the road.

-  Bushings
-  Packing Seal



### MAJOR COMPONENT OPTIONS:

- **Bi-directional Pressure Relief Plate** for added protection of both equipment and operator.
- **Hydraulic Mounting Kit** for ease of installation and operator safety.

### ADDITIONAL COMPONENT OPTIONS:

- **Drive on Top or Drive on Bottom** configuration (on all models).
- **90° and 180° Configurations** (on all 3" and 4" pumps).
- **Teflon® bushing and packing configuration** for potable water (except 9100 model).

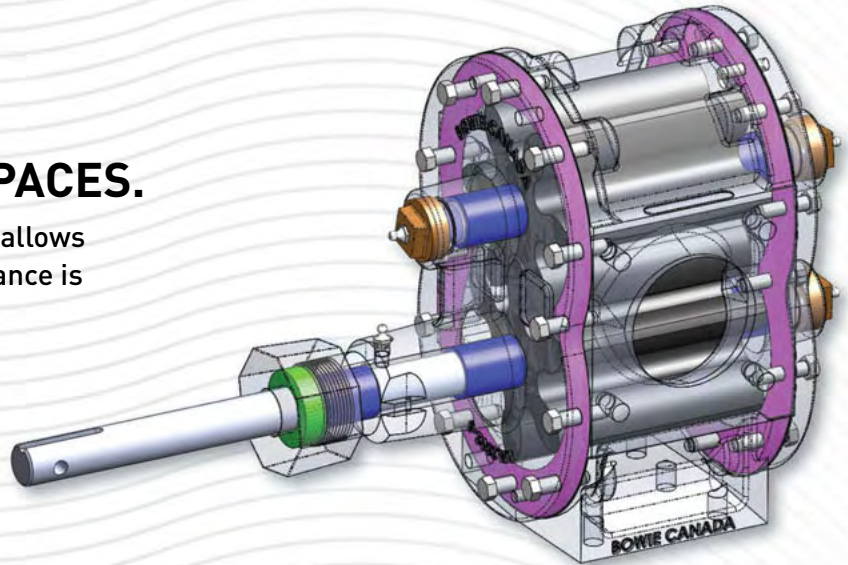


# BOWIE SIGNATURE™ SERIES

## 300 S EASY ACCESS IN TIGHT SPACES.

The S refers to its shorter drive neck. This allows for the easiest access when minimal clearance is available for pump maintenance.

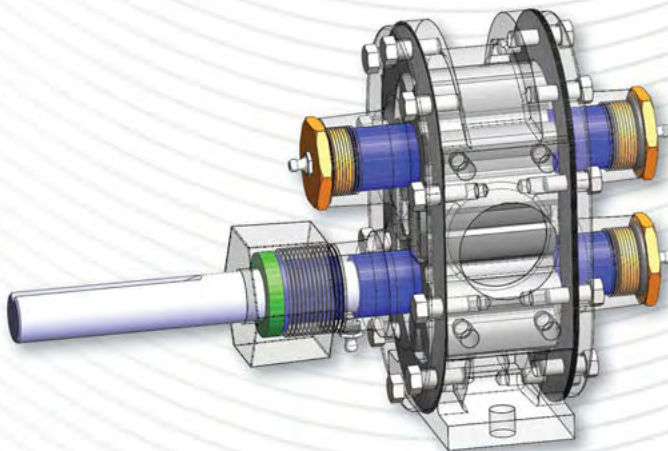
- Bushings
- Packing Seal



## 9100 THE “BABY BOWIE”.

Our smallest and lowest cost pump. The 1½” port size is ideal for customers with moderate flow requirements and less strenuous operating demands. Available exclusively with a 180° port configuration.

- Bushings
- Packing Seal



### WHICH SIGNATURE™ SERIES PUMP IS RIGHT FOR YOU?

Requirements	300	300 ED	300 S	9100
Max. Flow Volume	●●	●●●●	●●	●
Pump Life	●●	●●●●	●●	●
Ease of Repair	●●●●	●●●●	●●●●	●●●●
Ease of Access for Pump Maintenance	●●	●●	●●●●	●●●●
Buna-N Rubber or Progressive Helical Steel Gears	Yes	Yes	Yes	Yes
Port Size	2" 3"	3" 4"	2" 3"	1½"
Gallons Per Minute Rubber Gears*	185 (2") 275 (3")	275 (3") 420 (4")	185 (2") 275 (3")	14 (1½")
Gallons Per Minute Steel Gears**	290 (2") 440 (3")	440 (3") 660 (4")	290 (2") 440 (3")	21 (1½")
● Average   ●● Above Average   ●●● Exceptional				

\* Bowie's Buna-N Rubber Gears operating at 500 RPM.

\*\* Bowie's Progressive Helical Steel Gears operating at 750 RPM.

**Bowie Pumps of Canada Ltd.**  
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Engineered and Manufactured in Canada!

**BOWIE**  
**PUMPS**  
[bowiepumps.com](http://bowiepumps.com)