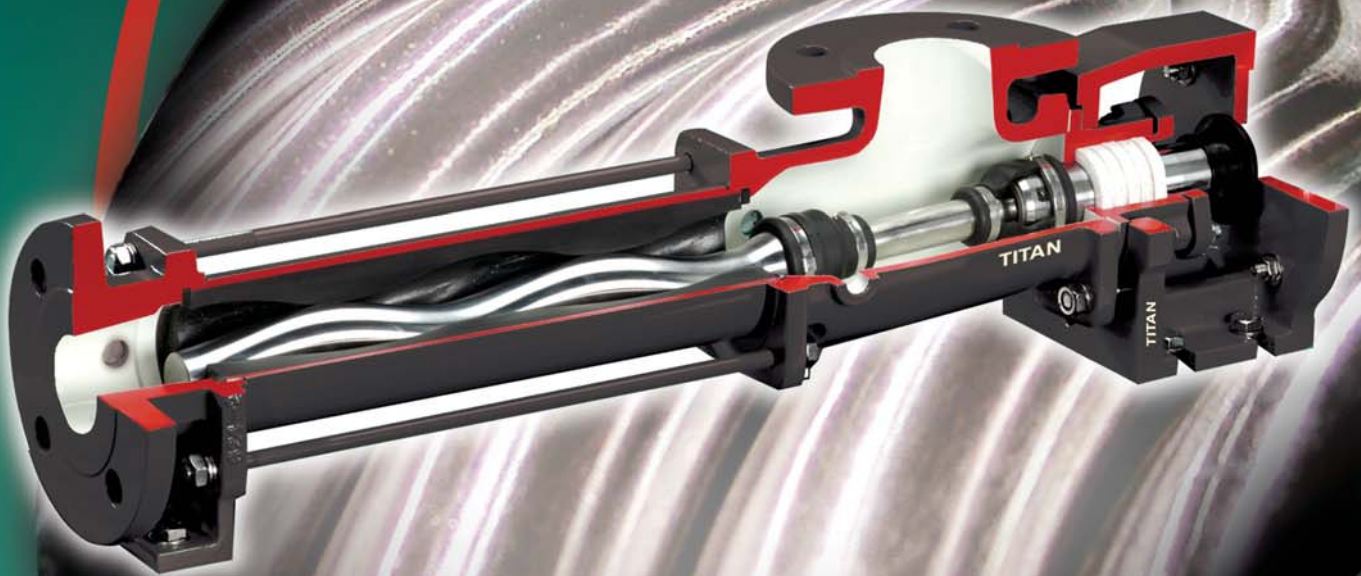


TITAN[®]

Progressing Cavity Pumps & Parts



*Outstanding
Performance at
a Reasonable Price*

Outstanding Performance at a Reasonable Price

The **Titan progressing cavity pump** is a high-quality, general purpose industrial pump that satisfies extensive application requirements across a broad range of industries that include chemical processing, water and wastewater, oil and gas, pulp and paper and general industrial. The Titan can easily handle fluids from thin, flowable liquids to highly viscous materials and solids in suspension. Flow capacities are available up to 800 GPM (182 m³/hr) with pressures to 175 psi (12 bar).

Designed as a **drop-in replacement with interchangeable parts** for the seepex BN* progressing cavity pumps. The Titan pumps offer **outstanding performance at a reasonable price**, with no hidden import fees. Extensive

research and testing ensure compatibility and interchangeability of all pumps and replacement parts to meet or exceed the performance and longevity of the original equipment.

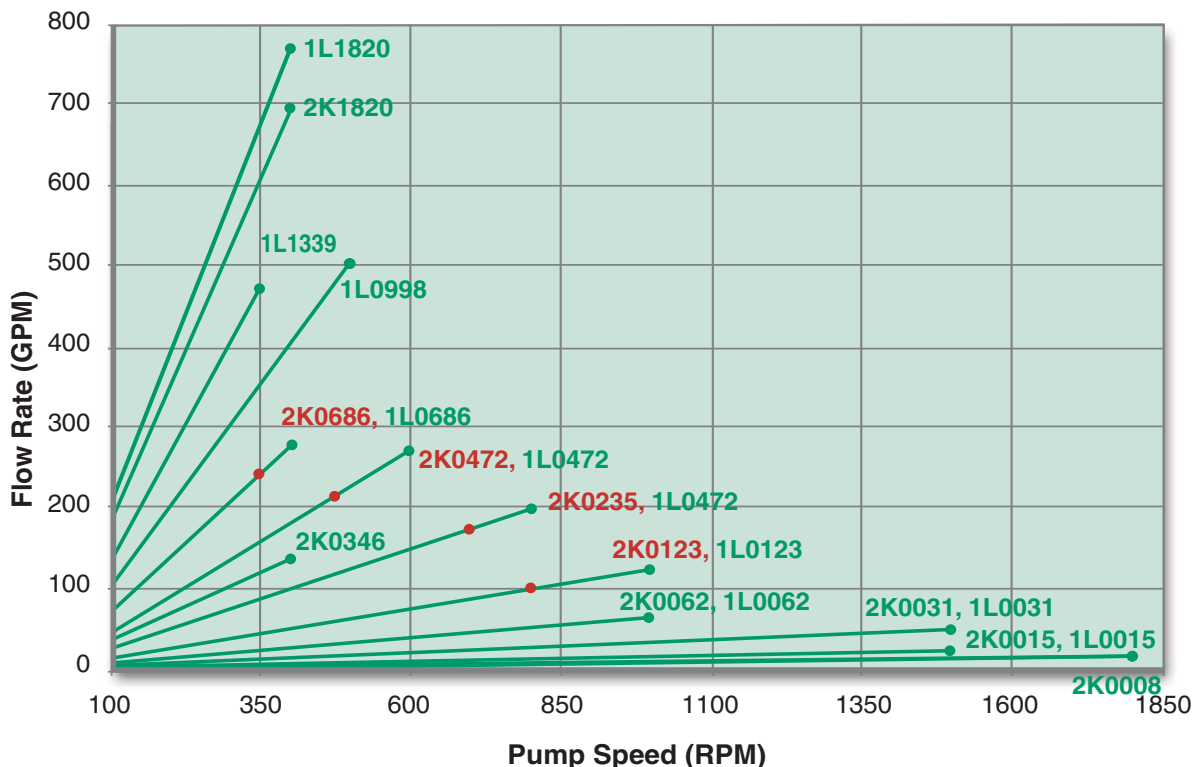
The Titan pumps are available in close coupled configuration or the manufacturer can cost-effectively unitize the pump with a gearmotor and base plate, ready for drop-in service.

Titan pumps were engineered from **over 25 years** of experience in designing, manufacturing and marketing alternative progressing cavity pumps and replacement parts. Success has been built upon a solid foundation of high



standards, exceptional service and readily available inventories of both pumps and parts. Process downtime costs money. Why wait for replacement pumps and parts to come from unresponsive suppliers? **Titan components are manufactured in the U.S.A.** and an extensive network of stocking distributors are located throughout North America to ensure that you receive the pumps and parts you need, fast.

Titan Performance Range



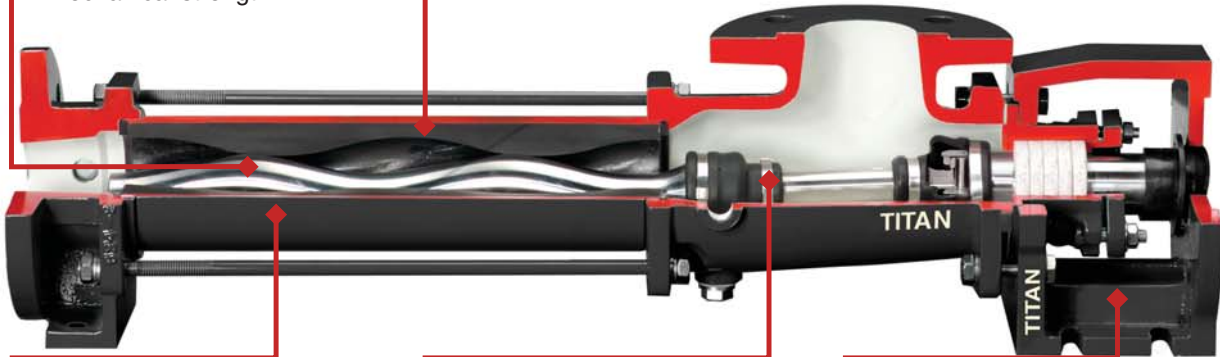
Design Characteristics

Rotor

- Conventional designs and long lead configurations to satisfy application requirements
- Double the industry standard of industrial hard chrome plating thickness on either carbon steel or stainless steel to withstand abrasive and corrosive pumping conditions
- Non-plated stainless steel rotors available
- Rotor heads manufactured separately for maximum mechanical strength

Stator

- Conventional designs and long lead configurations deliver volumetric and mechanical efficiencies
- Molded in long lengths, cut to exact dimensions and machine finished for application versatility and cost efficiency
- Minimal power requirements and low starting torques
- Elastomer seal at each end of the stator allows easy, inexpensive replacement without replacing the entire stator
- Materials of construction include nitrile, natural rubber or EPDM with more than 26 different DuraFlo formulations available to suit specific application needs



Construction Materials

- Cast iron externals
- Internal materials available in 316 stainless steel or carbon steel
- All components are manufactured and tested in the U.S.A.
- ISO 9001:2000 certified manufacturing system

Universal Joint

- Bushed pin joint allows optimal material selection for reduced wear on the connecting rod, rotor head and drive shaft
- Joint sealed with elastomeric boot to keep lubricant "in" and pumpage "out" to prevent contamination of the fluid and to provide long service life

Block Design

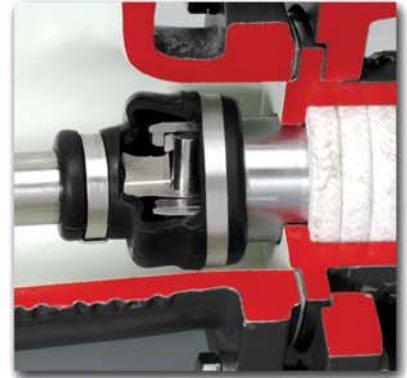
- Close coupled drive configuration is economical to purchase and maintain
- Compact size and small footprint for installation versatility
- Drive shaft configuration makes maintenance quick and easy

Typical Applications

- Chemical Dosing
- Grout
- Colorants
- Adhesives
- Sewage and Sludge
- Silicon
- Ink
- Wax
- Scum and Grease
- Sizing
- Bleaching Chemicals
- Wet End Additives
- Clays
- Coatings
- Drilling Mud
- Crude Oil
- Polymers
- Diesel Oil
- Bilge
- Herbicides
- Solvents

Why Choose Titan Pumps and Parts?

- Block design allows for a **close coupled drive configuration** that is compact in size and cost-effective to purchase and maintain
- Replacement **parts are interchangeable** with the seepex BN* progressing cavity pumps
- Long lead rotor/stator geometry is available along with conventional rotor/stator configurations to **meet a broad range of application requirements**
- **Priced attractively** as an alternative to other manufacturers' progressing cavity pumps and parts
- **Dedicated application engineers** and support staff ensure proper selection
- All pumps and replacement parts are **manufactured in the U.S.A.** rather than imported
- **An extensive inventory of parts** are ready for immediate shipment
- **Extensive network of distributors** throughout North America guarantees availability, prompt delivery and minimized downtime
- A **3-year warranty** is available on pumps and parts



Bushed pin joint ensures long service life.



TITAN[®]

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