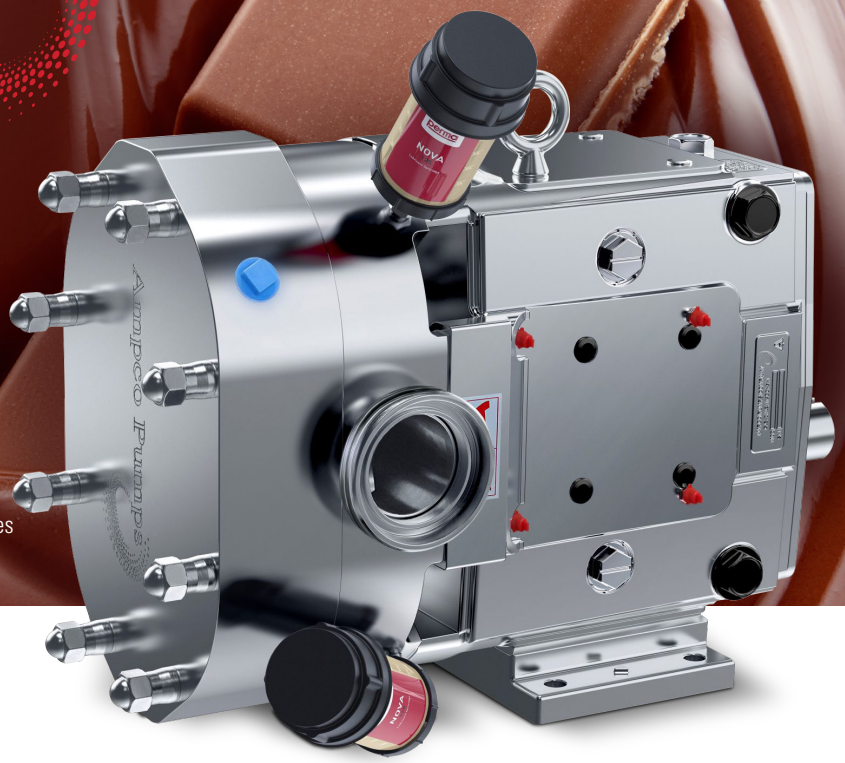
Ampco Pumps Company

ZP1+ Series

Confectionery Configuration

- PATENTED front-loading seal design for ease-of maintenance
- Seal flush system utilizes food grade fat for extended seal life
- Heated jacket
- Chocolate clearance rotors
- Hygienic design - limited dead zones



Smooth and Efficient Chocolate Processing

ZP1+ Series confectionery pump offers unmatched product handling and reliability for the unique challenges of pumping chocolate and other viscous food products.

Hygienic PATENTED front-loading seal design has limited dead zones unlike those found on competing pumps. This allows the heating jacket to more efficiently keep the chocolate flowing. It also offers easy and time-saving access to seals when maintenance is needed. No more removing piping.

Innovative seal flush canister system controls the food grade fat used to flush and lubricate the o-ring seals. This unique system extends seal life, keeps the product safe from contamination and offers a 1-year maintenance cycle.

ZP1+ FEATURES:

- 304 Stainless Steel Gearcase
- Alloy 88 Non-Galling Rotors
- Front-loading Seal Design
- Stainless Steel Bearing Retainers
- 17-4ph Shafts – More Than 3 Times the Yield Strength of 316
- Helical Gears
- 4-Way Mounting
- Anti-microbial Lube
- Self-priming
- Gently Handles Products with Particulate (Like Nuts)
- 3A Certified

SEAL FLUSH SYSTEM:

- Convenient Seal Flush Canisters
- Electronically Controlled
- Maintains 70 PSI / 5 BAR Flush Pressure
- Refillable
- 1-year Maintenance Cycle
- Utilizes Food Grade Fat
- Extends O-ring Seal Life
- Ease-of-maintenance

SPECIFICATIONS:

- Models: 5
- Max. Discharge Pressure: 225 PSI / 15.5 BAR
- Max Flow Rate: 452 GPM / 103 m3/hr
- Max Viscosity: 1,000,000 cP
- Seal Specifications: 2 Seal Options

AVAILABLE OPTIONS:

- Rectangular inlets (Size 30 and larger) pressure relief valves, heating jackets, and optional rotor designs

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