HIGH PERFORMANCE ROTARY LOBE PUMPS

Features

- Capacity upto 350 LPM (93 US GPM)
- Discharge pressure upto 7 bar (7 kg/cm²)
- Suitable for low to high viscosities
- Gentle pumping
- Designed for easy cleaning with CIP processes
- Ensures smooth flow
- Dry running capability
- Hygienic design
- Low noise and easy maintenance

Hygenic Applications

- Bakery
- Wine & Beverages
- Canned Foods
- Confectionery
- Cosmetics
- Dairy
- Meat Packing
- Pharmaceutical

Industrial Applications

- Chemical
- Polymers
- Paper
- Paint & Adhesives
- Wastewater
- Biogas
**Design Features**

**AISI 316 Stainless Steel Cover**
- Quick and easy dismantling
- Easy access to seals
- Easy to clean
- Flat reversible cover

**TRI-LOBE Rotor**
**AISI 316 Stainless Steel**
- Easy to mount
- Accurate positioning with no risk of mechanical error
- Hygienic
- No retention zone

**Rotor Screws**
- 316 Stainless Steel
- Efficient locking

**Splined Shaft**
- Enhanced distribution of stress
- Reduced wear

**Oil Level Viewing Point**
- Anti-splash casing protection disc
- Drainage outlet
- Easy access to seals

All parts in contact with pumped fluid in **AISI 316 stainless steel**
Designed for easy cleaning with CIP process

**Front-Loaded Mechanical Seals**
- Reduced maintenance and downtime

**Over-Dimensioned Front Bearings**
- Heavy loads supported

**Robust Reliable System Rear Bearings**
- High speeds supported

**Interchangeable Drive/Driven Shafts**

**Helical Gears**
- More accurate synchronization
- Low noise
- Easy adjustment
- Longer lifetime

**Separately Built Body and Bearing Housings**
- Eliminates risk of accidental media pollution

**AISI 316 Stainless Steel Body**
- Standard surface finish

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**PERFORMANCE SUMMARY**

<table>
<thead>
<tr>
<th>Pump Model</th>
<th>Standard Port Size (US, QPM)</th>
<th>Displacement @100rpm (LPM)</th>
<th>Max. Speed (RPM)</th>
<th>Pressure (Kg/cm²)</th>
<th>Weight (Kg)</th>
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**MOC SUMMARY**

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<td>Pump Chamber</td>
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<td>Tri-Lobe-Rotor</td>
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