AMCAL
INDUSTRIAL PUMP SOLUTIONS

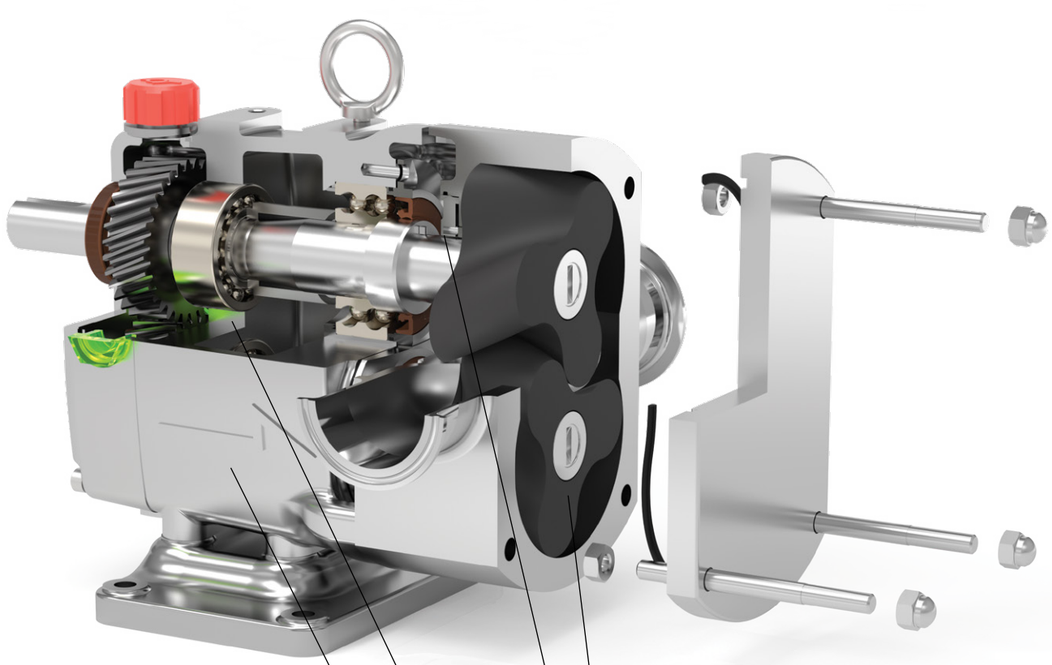
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Pump series ZW

Characteristics

Packo rotary lobe pumps are the robust and reliable beating hearts in the food industry. Hygienically, they are state-of-the-art and comply with all the necessary regulations. The ZW series has FDA approved EPDM rotors to avoid damage inside the pump caused by grape skins, seeds, stems, etc.



ZW

1. EPDM rotors to avoid damage caused by grape skins, seeds, stems, etc.
2. Rotors can be changed without timing spindles, or opening the gearbox for adjustments.
3. Available with various sealing arrangements: single, flushed, double, O-ring seal, triple lip seal, etc. which are interchangeable.
4. Wetted seal parts can be replaced without disassembling the rotor case: pump does not need to be mounted out of the installation to change seals.
5. Food grade oil-filled gearbox increases bearing lifetime and requires minimal service effort. Ball bearings generate very low heat, helical and grinded gears guarantee smooth operation.
6. Investment cast stainless steel gearbox available.

Application areas

The ZW series is a pump specifically designed for the wine production process, ensuring the highest wine quality and highest efficiency.

Packo
a VERDER company

Your benefits

Cleaner

- Certified to EC 1935/2004, EHEDG and 3A versions available.
- FDA approved EPDM rotors and seals.
- Improved CIP performance
  Optimized design to eliminate dead spaces,
  O-ring grooves without dead corners
  Wetted parts of mechanical seals directly in the product stream.

Shorter downtimes / higher flexibility

- Faster maintenance
  Pump can stay in piping during replacing seals thanks to front loaded seals.
- No need to open gearbox for adjusting axial clearances between rotors and casing.
- Rotors can be changed without timing.

Universal mounting

- Top or bottom shaft can be switched without gearbox disassembly.
- Pumps can be mounted with both horizontal and vertical port connections.

Heating jackets for casing and front cover, pressure relieve valve, by-pass valve and many more options available.

Pump series	ZW
Performances	
Max flow rate	58 m³/h
Max viscosity	1.000 cP
Max differential pressure	8 bar
Max temperature	120°C
Technical specifications	
Materials wetted parts	Stainless steel 316L
Seal configuration	Single, flushed, double mechanical seal, O-ring seal, triple lipseal
Available material O-ring	EPDM
Connections	Sanitary and industrial fittings, rectangular inlet available
Mounting position	Horizontal and vertical
Surface finish	Food quality, internal welds hand polished Electropolished to 0.6 µm
Certificates & legislation	FDA, 3A, EAC

Pump curves ZW

