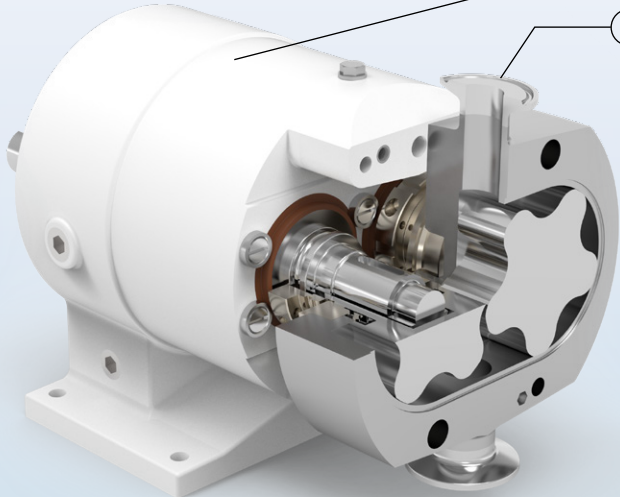
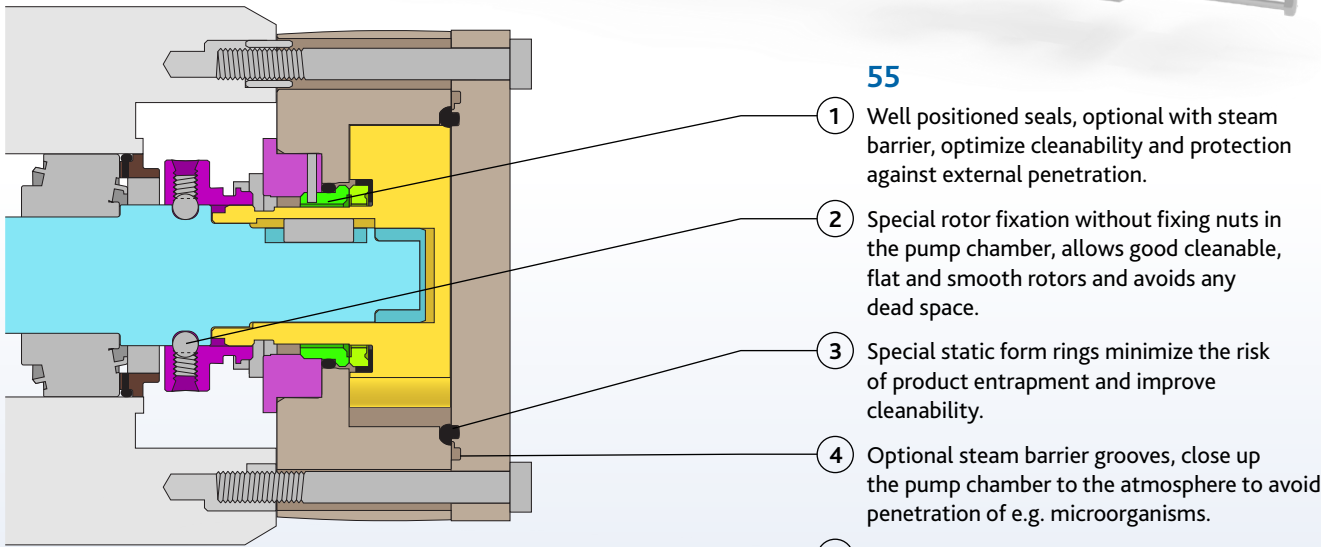


Pump series 55

Characteristics

The Packo 55 series represent a cutting-edge development of rotating volumetric pumps for pharmaceutical and food industries. The pumps have been designed to offer the very highest standards for CIP (cleaning -in-place) and SIP (sterilisation-in-place) and aseptic operation (resistance against penetration of e.g., microorganisms via joints). Smoothest surfaces in combination with a design without dead spaces, completed by an external rotor fixation, make the 55 series the perfect solution for all areas where the highest product safety and cleanability is required.



Application areas

The 55 series rounds off the Packo LU series with flow rates down below 4m³/h. The philosophy is the same for both: high-quality materials, the smoothest surfaces, excellent cleanability that is unmatched and hermetic sealing on request. The perfect solution for all areas where maximum product safety is required.

Your benefits

- Cleaner**

 - Wetted surfaces polished with Ra < 0.5 µm.
 - Fully drainable designed pump casing.
 - Optimized design to eliminate dead-spaces. Form rings instead of O-rings eliminate dead corners. Optionally with steam barrier against penetration of bacteria, etc.
 - Wetted parts of mechanical seal directly in the product stream.
 - Materials certified to FDA, USP and 1935/2004 EC.
 - Unique rotor design without fixing nuts to avoid dead corners and improve cleanability.
- Shorter downtimes**

 - Faster maintenance
 - Pump can stay in the system during replacing seals thanks to front loaded seals.
 - Rotor change without timing.
 - Extended service intervals. The oil-lubricated gearbox avoids frequent relubrication of the bearings with grease. This reduces maintenance and increases operational reliability.
- Metering and Dosing Ability**

 - The 5-lobe rotor design provides a smooth and nearly pulsation free flow.
- Higher flexibility**

 - Heating jackets on front cover optionally available.
 - Short mounting dimensions also for narrow space conditions.

Pump series	55
Performances	
Max flow rate	4 m³/h
Max viscosity	1,000,000 cP
Max differential pressure	20 bar
Max temperature	140°C
Technical specifications	
Materials wetted parts	stainless steel 316L 1.4404
Seal configuration	single, double mechanical seal
Available gasket materials	EPDM, FKM, PTFE
Connections	Tri-clamp to ASME BPE
Mounting position	vertical
Surface finish	pharmaceutical quality, wetted surfaces polished to 0.5 µm
Certificates & legislation	  

Pump curves 55

