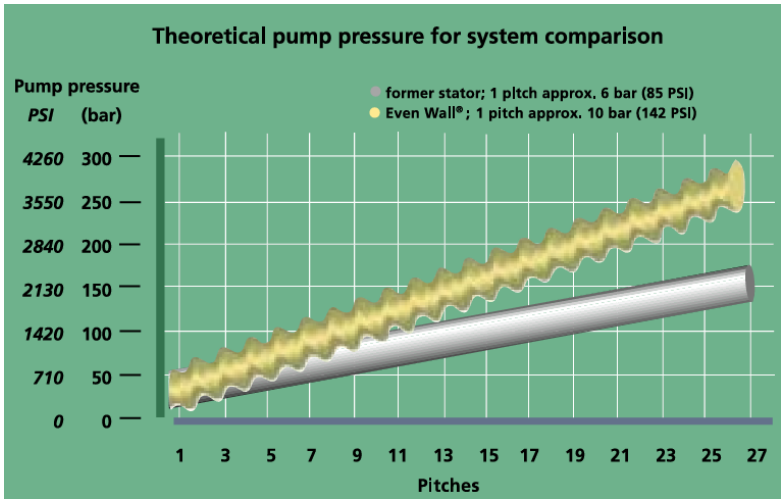
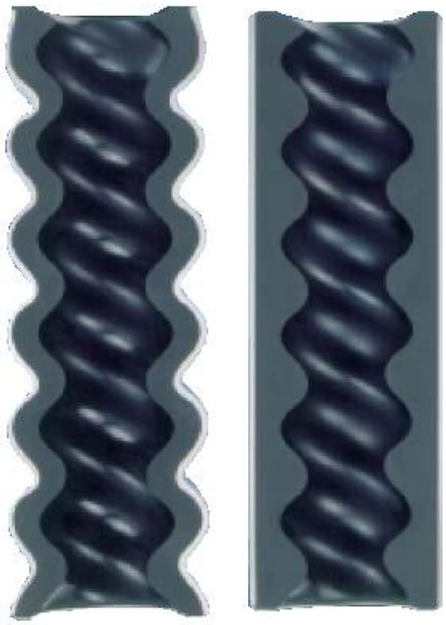
Evenwall Rotor & Stator Advantages

Evenwall Stator

Advantages:

- The constant stator elastomer wall thickness guarantees uniform rubber stressing and a continuous delivery flow.
- The pump pressure is several times higher and more constant.
- A shorter pump design is possible (more compact, lighter, lower driving torque).
- No heat build-up due to reduced heat generation and better cooling.
- Lower drive power necessary for the same delivery rate and the same delivery height.
- Longer service life (less wear).
- Cost savings for transport, storage and handling.
- Simplified and more economic stator manufacture using elastomers that are difficult to handle and expensive (FPM,silicon, ...).
- Reduced material utilization.
- Reduced danger of swelling (therefore suitable for higher API fractions).
- Less vibrations.
- Ecologically compatible.
- Higher dimensional accuracy.
- And last but not least: a smart product design offers marketing advantages





Evenwall Rotor & Stator Advantages

Evenwall Rotor

Features:

• Surface: can be hardened to 64 HRC or coated with special chrome.
• Hollow, with uniform contour wall thickness.
• Approx. 1/3 lighter than “solid rotor”.
• Single lobe and Multilobe.
• All sizes possible.
• Maximum length: 6 m.
• Higher dimensional accuracy.

Benefits:

• Significant improvement in price/performance ratio.
• More applications.
• Longer service life.
• Rotor and stator optimally matched.
• Economic price makes refurbishment superfluous.

Advantages:

• Reduced initial breakaway torque / reduced starting current.
• Ecologically compatible due to material and energy saving Manufacturing processes.
• Easier to install.
• Temperature equalization and flushing possible.
• Higher speed possible greater delivery volume.

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