The advantages of the new Even Wall® Stator

- 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 utilisation
- 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

Theoretical pump pressure for system comparison

Pump pressure

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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"
- Singlelobe and multilobe
- All sizes possible
- Maximum length: 6 m
- Higher dimensional accuracy

Advantages:
- Reduced initial breakaway torque / reduced starting current
- Ecologically compatible due to material and energy saving manufacturing processes
- Easier to install
- Temperature equalisation and flushing possible
- Higher speed possible – greater delivery volume

Benefits:
1. Significant improvement in price/performance ratio
2. More applications
3. Longer service life
4. Rotor and stator optimally matched
5. Economic price makes refurbishment superfluous

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