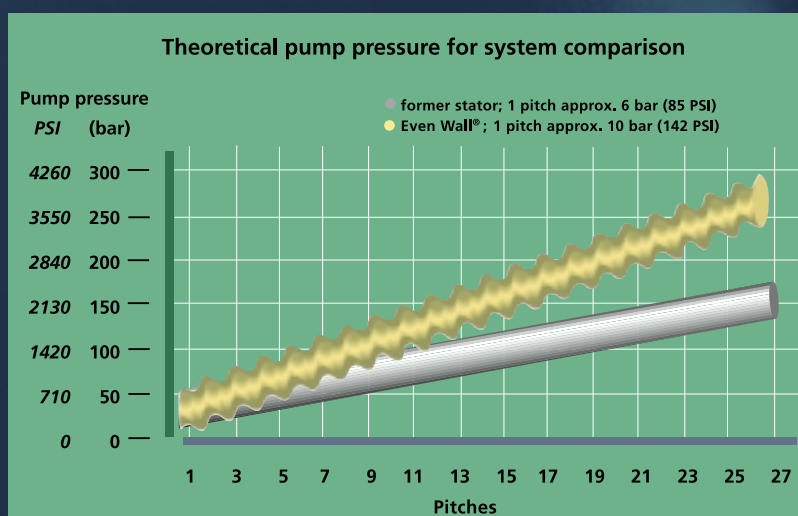
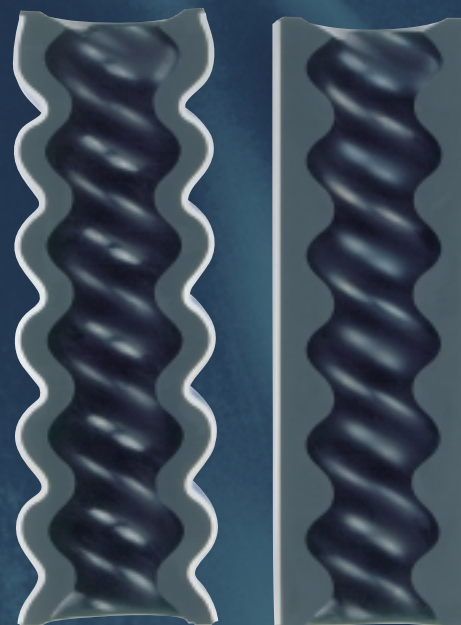


# THE ADVANTAGES OF THE NEW EVEN WALL® STATOR



- 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





# 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“
- 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

**KÄCHELE**  
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