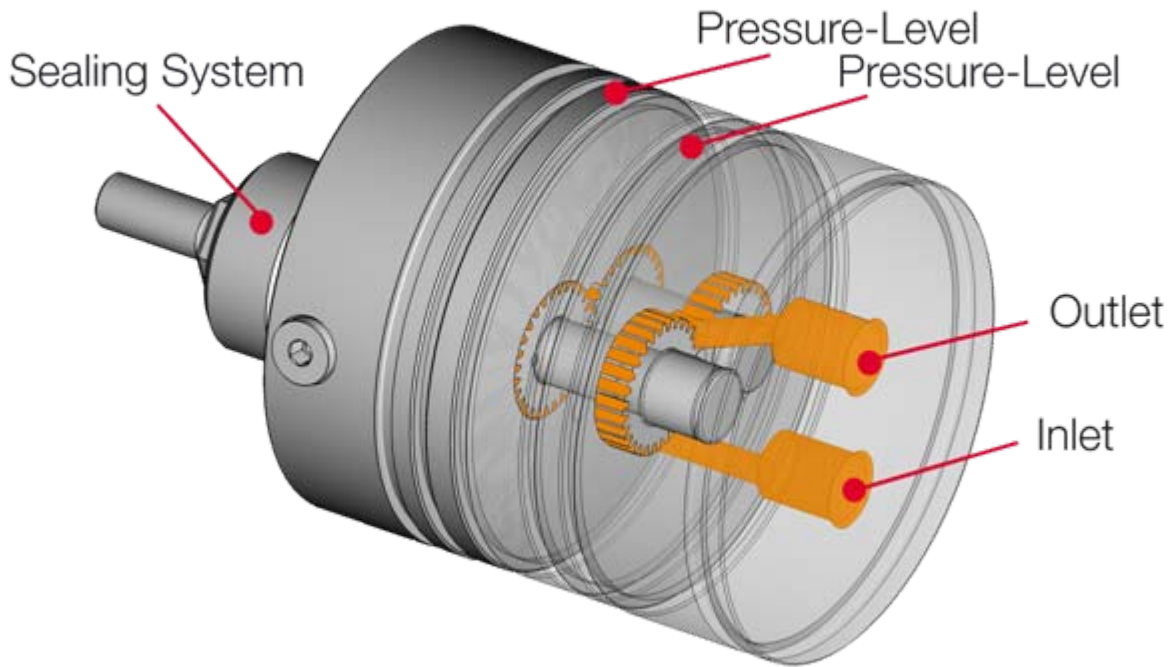


High-pressure Gear Pump



For the production of PUR-Molds, slabstock, refrigerator insulations and sandwich panels, high-pressure machines are applied.

Multi-level gear pumps by Oerlikon Barmag ensure the buildup of necessary operating pressures even with low viscosities in an ideal manner with reduced investment costs.

Highlights

- 0,05 - 20 cc/rev
- Design variants:
 - Stuffing box (PTFE)
 - Shaft sealing ring (PTFE)
 - Mechanical sealing
 - Magnetic coupling
- High volumetric efficiency even at low viscosity
- minimized pulsation
- enlarged flow range
- short flow channels
- alternative materials of construction
(AISI 440B + DLC surface coating or AISI M2)
- Plates with O-ring seal
- Temperature sensor bore in every pump

Who can top this?

Operating data*:

min. viscosity: 100 cP
max. pressure: 250 bar

* lower viscosities in combination with lower pressures possible