

Compared: Progressing cavity pump vs. rotary pump

# Progressing cavity pumps trounce rotary pumps

Progressing cavity pump

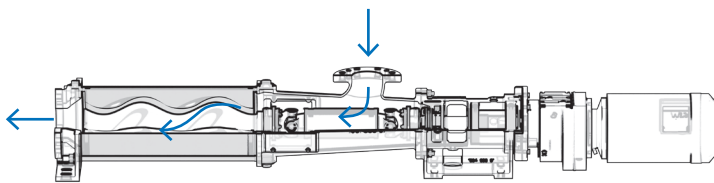


Fig.: Progressing cavity pump WANGEN KL50-S

- Very high levels of operating safety
- Visibly longer service life
- Allow for high processing pressures
- Robust and reliable, even with abrasive substances
- Less wear and tear, durable
  - > Low life cycle costs
  - > Considerably reduced demand for spare parts
- Less power consumed in long-term operation
- No shearing forces
- Feeding with low pulsation
- Hermetically sealed pumping chamber system, important for difficult, explosive substances (ATEX design!)
- Service-friendly, without pipeline or drive unit installation
- For design with WANGEN X-LIFT



Rotary pump

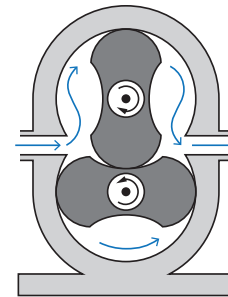


Fig.:  
Schematic  
Function method  
Rotary pump

- high wear -> high spare parts costs
- no complete sealing at pump standstill (in non-rubber coated rotors)
- higher power consumption in continuous operation



Worn out and / or damaged rotary pistons

Progressing cavity pumps from the Wangen pump factory give you more and more time to deal with your more important tasks, as you will not need to set time aside for frequent maintenance, which is the case for rotary pumps which demonstrate a clear increase in wear and tear from difficult substances. We can clearly reduce your costs for spare parts and maintenance with our high-quality products. Investments are often paid back after 1-2 years.