

# MKPL-S – PFA Lined Self-Priming Magnetic Drive Chemical Process Pump

## Efficient – Non-Corroding – Vacuum-Resistant



- 1 Pump casing with PFA lining and integral priming chamber
- 2 Casing drain
- 3 Flat gasket
- 4 Rotating unit without gaskets and containment shell
- 5 One-piece, vacuum-resistant, non-metallic containment shell
- 6 Back-up ring incl. flat gasket

- 7 Latern
- 8 Outer magnet assembly (on atmospheric side)
- 9 PFA impeller with a metal core and waisted shank bolt
- 10 O-ring
- 11 Thrust bearing ring
- 12 PFA lined plain bearing carrier

### Technical data

Capacities (min./max.)	0.5 to 35 m <sup>3</sup> /h   2.2 to 154.1 gpm
Heads (min./max.)	3 to 40 m   9.8 to 131.2 ft
Temperatures (min./max.)	-20 to +150°C   -4 to +302°F
Kinematic viscosities	0.5 to 350 mm <sup>2</sup> /s   cSt
Solids handling	up to 10% solids concentration, depending on the pumped fluid

- 13 Bearing sleeve
- 14 PFA encapsulated inner magnet assembly (on product side)
- 15 Nut
- 16 PFA lined cover