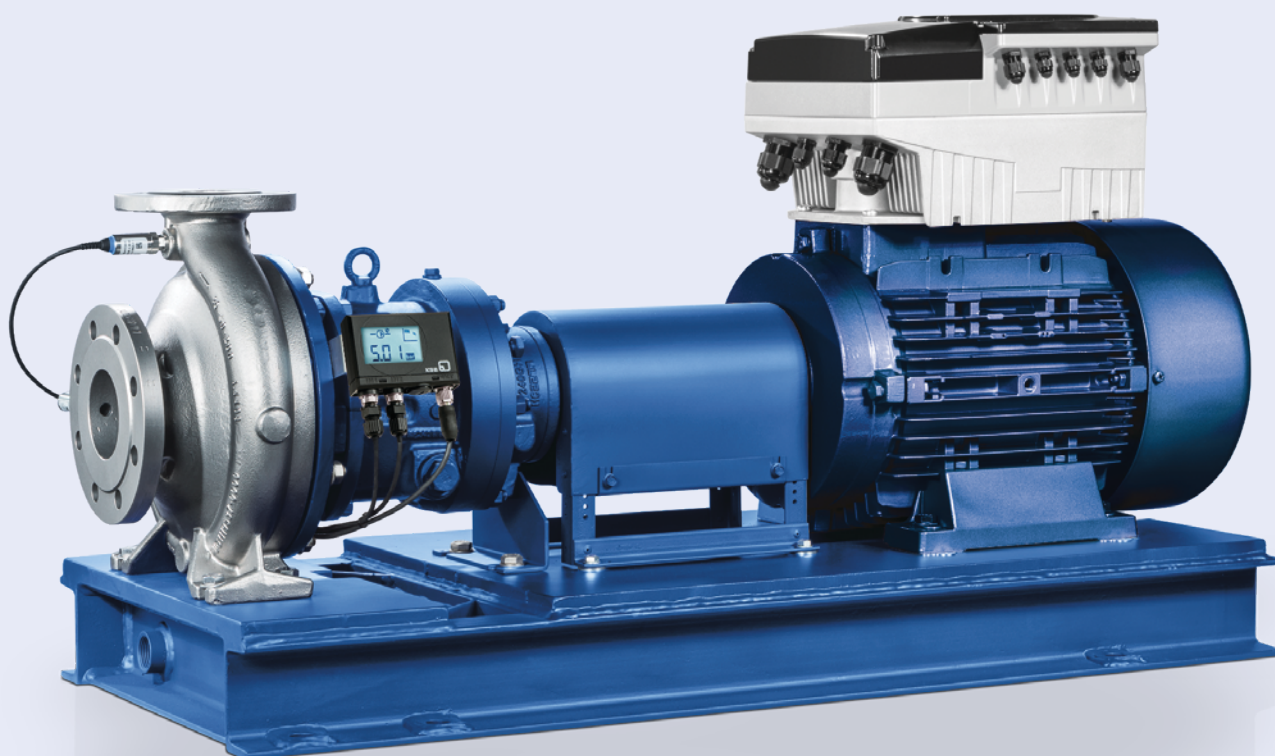


## Magnochem – Standardised Chemical Pump with Magnetic Coupling



### Applications:

For handling aggressive, toxic, explosive, valuable, flammable, malodorous or harmful fluids as well as thermal oils in the chemical, petrochemical and general industries.

More information: [www.ksb.com](http://www.ksb.com)



Magnochem W

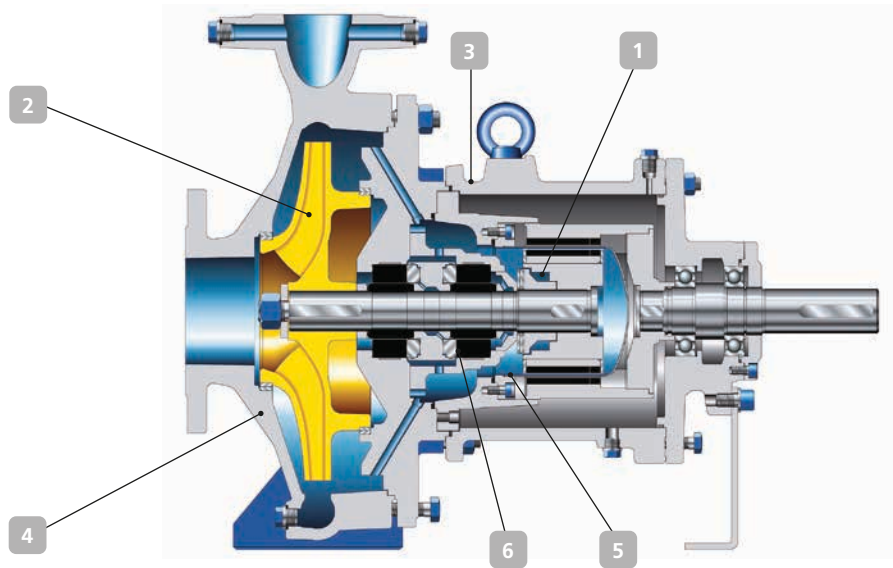


Magnochem D



Magnochem-Bloc

# Magnochem – Standardised Chemical Pump with Magnetic Coupling



## 1 Further development of the tried and tested magnetic coupling pump

- Optimised modular system for magnetic couplings

## 2 Expanded performance range

- 58 hydraulic system sizes
- Expanded temperature range
- Great variety of operating modes
- Suitable for a wide range of applications

## 3 Broad range of variants for excellent flexibility

- Wide range of technical design options
- Modular design system able to match every customer requirement

## 4 Excellent energy efficiency

- Modern, energy-efficient design
- Optimised hydraulic system
- Option: containment shroud material ceramic = zero eddy current losses

## 5 Maximum operating reliability and environmental acceptability

- Optional DLC-coated plain bearings made of silicon carbide with optimised dry-running properties
- No more than two static seals required
- Optional, additional leakage barrier designs in several options:
  - single lip seal
  - double lip seal with leakage drain
  - mechanical seal with a secondary lip seal and leakage drain
- Wide range of instrumentation options for monitoring and control

## 6 High availability and low operating costs

- Reduction in required stock levels
- Improved mean time between failures

Technical data	50 Hz	60 Hz
Flow rate up to	1160 m <sup>3</sup> /h	1400 m <sup>3</sup> /h
Head up to	162 m	233 m
Fluid temperature	-90 °C to +400 °C	
Operating pressure up to	40 bar	40 bar