

CPKN – Standardised Chemical Pump to EN 22858 / ISO 2858 / ISO 5199 and Directive 94/9/EC (ATEX 100)

Industry

Water

Waste Water

Energy

Building Services

Mining



CPKN-PumpDrive

Applications:

For handling aggressive organic and inorganic fluids

- Chemical and petrochemical industries
- Process engineering
- Sugar industry
- Biodiesel, bioethanol
- Fire-fighting systems
- Seawater desalination

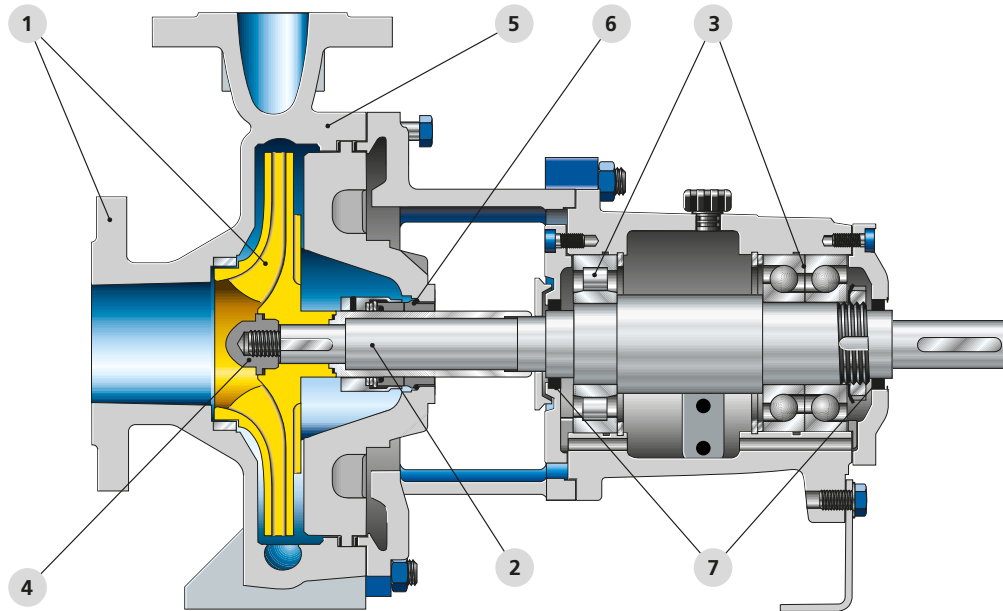
- Reverse osmosis
- Fire-fighting water
- Condensate
- Hot water
- Brine
- Oils
- Cleaning agents
- Steel industry
- Heat transfer fluids

Further information: www.ksb.com/products



CPKN

CPKN – Standardised Chemical Pump to EN 22858 / ISO 2858 / ISO 5199 and Directive 94/9/EC (ATEX 100)



1 In compliance with the relevant standards

Mating dimensions and ratings to ISO 2858 / ISO 5199

2 Longer service life

of the mechanical seal thanks to rigid shaft and reduced shaft deflection.

3 Reliable operation

Robust bearings and shaft

4 Easy and safe assembly

Optimised impeller fastening with metal-to-metal contact

5 Easy to service

Back pull-out design and minimised stock of spare parts

6 Large range of variants

All seal variants possible, including cartridge seal, magnetic coupling and canned motor.

7 Flexible

Sealed with lip seal; labyrinth seal as an option

Material variants

Nodular cast iron JS1025

Cast steel GP240GN+H

Stainless steel 1.4408

Duplex 1.4593

Special materials

Technical data

Flow rate max. 4,150 m³/h (1,150 l/s)

Head max. 185 m

Pump size DN 25 to 400

Operating pressure max. 25 bar

Operating temperature -40 to +400 °C

Speed max. 3,500 rpm



KSB Aktiengesellschaft
Johann-Klein-Straße 9
67225 Frankenthal (Germany)
www.ksb.com