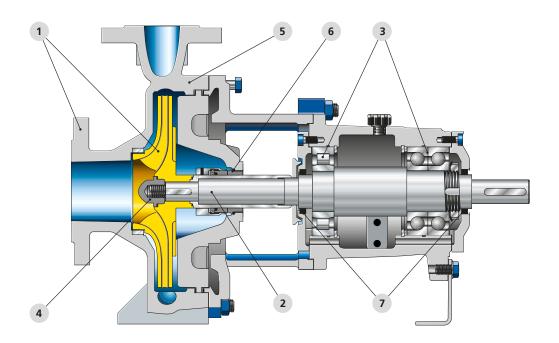
## CPKN - Standardised Chemical Pump to EN 22858 / ISO 2858 / ISO 5199 and Directive 94/9/EC (ATEX 100)

Industry Water Waste Water Energy **Building Services** Mining **Applications:** For handling aggressive Reverse osmosis organic and inorganic • Fire-fighting water fluids Condensate Chemical and petro-Hot water chemical industries Brine Process engineering Oils Sugar industry Cleaning agents Biodiesel, bioethanol Steel industry CPKN-PumpDrive Fire-fighting systems Heat transfer fluids Seawater desalination Further information: www.ksb.com/products **CPKN** 



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## 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.
- **Reliable operation**Robust bearings and shaft
- 4 Easy and safe assembly
  Optimised impeller fastening with metal-to-metal contact

5 Easy to service

Technical data

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

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

