

## CPKN – Standardised Chemical Pump to EN 22858 / ISO 2858/ ISO 5199



### Applications:

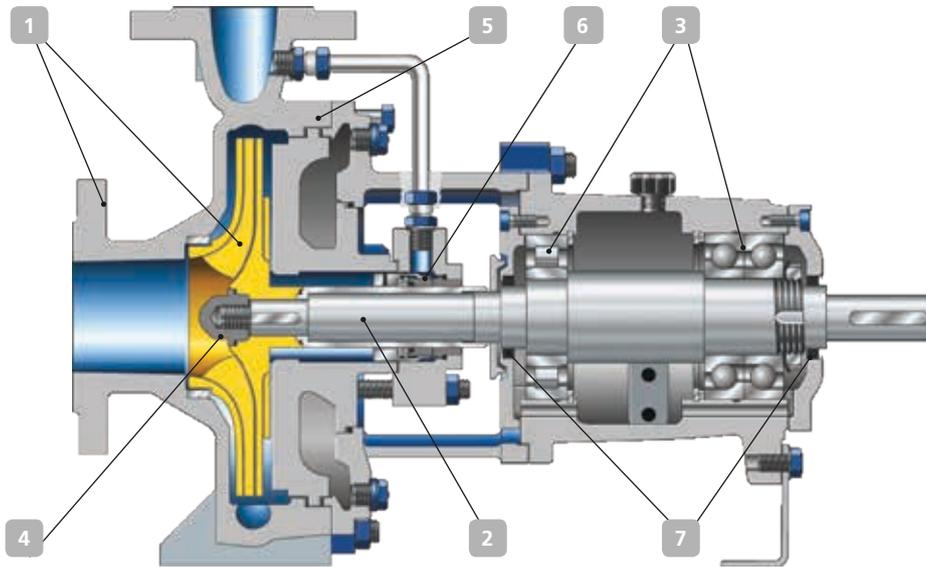
Handling aggressive organic and inorganic fluids in the Chemical and petrochemical industries

- Process engineering
- Sugar industry
- Biodiesel, bioethanol
- Seawater desalination
- Reverse osmosis
- Fire-fighting water
- Condensate
- Hot water
- Brine
- Oils
- Cleaning agents
- Steel industry
- Heat transfer fluids

### More information:

[www.ksb.com/products](http://www.ksb.com/products)

# CPKN – Standardised Chemical Pump to EN 22858 / ISO 2858 / ISO 5199



**1 To standard**

Dimensions and ratings to ISO 2858 / ISO 5199.  
Complementary sizes up to nominal discharge nozzle diameter DN 400

**2 Longer service life**

of the mechanical seal achieved by rigid shaft with low shaft deflection

**3 Service-friendly**

Maintenance made easy by back pull-out design and small spare parts stocks

**4 Straightforward and safe installation**

Impeller fastening with metal-to-metal contact

**5 Reliable operation**

Robust bearings and shaft

**6 Large range of variants**

Available with all seal variants, including cartridge, gland packing or basic seals, single or double seals, with or without quench, etc.

**7 Flexible**

Sealed by lip seal, optionally also labyrinth or deflectors

**Material variants**

Nodular cast iron	JS1025
Cast steel	GP240GN+H
Stainless steel	1.4408
Duplex	1.4593
Special materials	Large range on request, for example super duplex, titanium, etc.

**Technical data**

Flow rate	4,150 m <sup>3</sup> /h (1,150 l/s)
Head	185 m max.
Sizes DN	250-400 to 400-710
Operating pressure	25 bar max.
Operating temperature	-40 to +400 °C
Speed	3,500 rpm max.



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