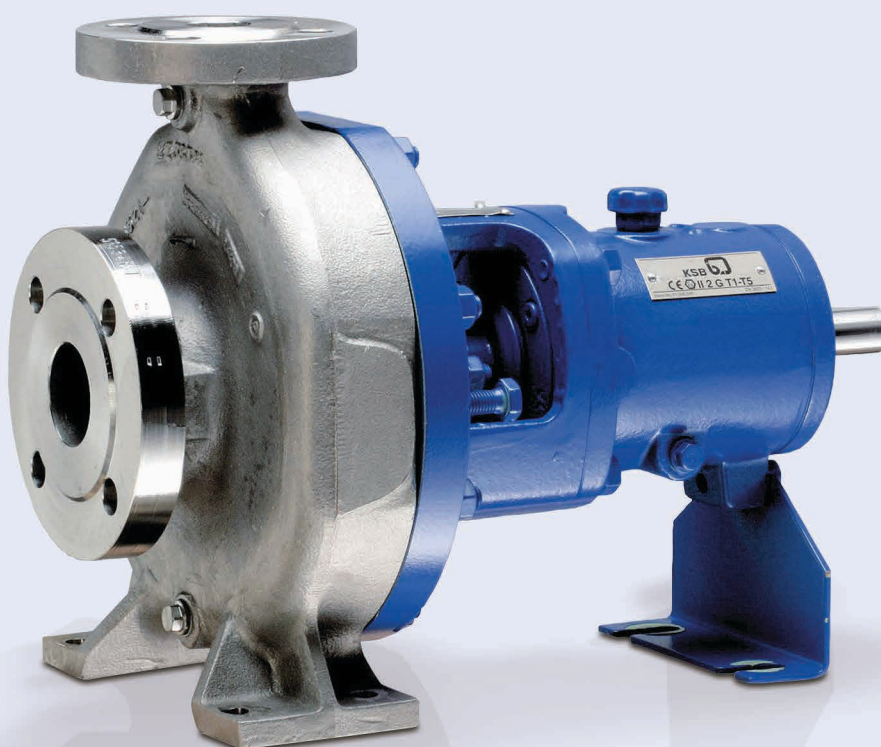


CPKNO – Standardised Chemical Pump to ISO 5199, with Semi-open Impeller



Applications:

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

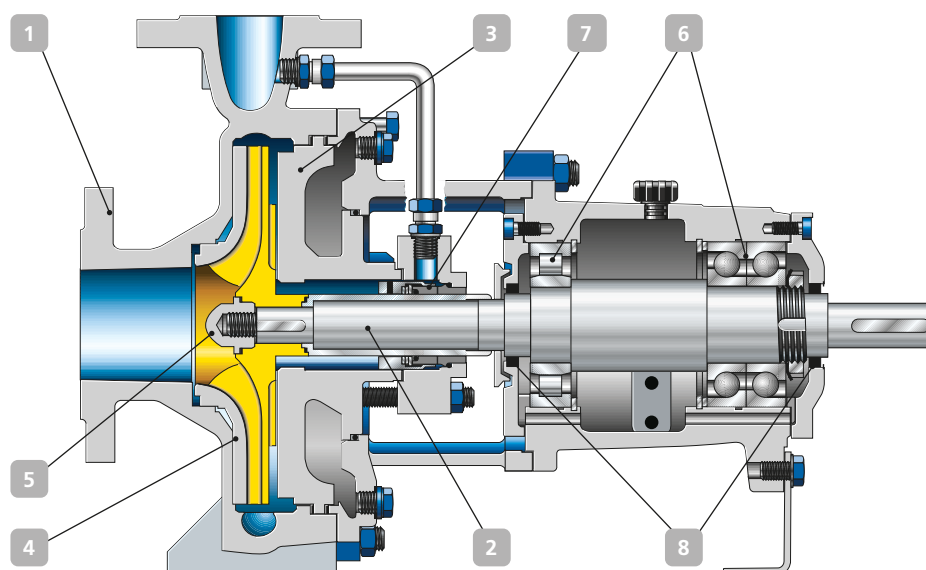
More information:

www.ksb.com/products



Pump unit with cast iron baseplate,
heavy-duty coupling guard and motor

CPKNO – Standardised Chemical Pump to ISO 5199, with Semi-open Impeller



Design

Horizontal single-stage volute casing pump with semi-open impeller. For handling aggressive organic and inorganic fluids, media that tend to polymerise and slightly gas-laden fluids.

1 Standard-compliant

Dimensions and ratings to ISO 2858 / ISO 5199. Complementary sizes of nominal discharge nozzle diameter DN25.

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 minimised spare part stock

4 High wear resistance

Wear plate fixed to the casing

5 Straightforward and safe installation

Semi-open impeller, fastening with metal-to-metal contact

6 Reliable operation

Robust bearings and shaft

7 Large range of variants

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

8 Flexible

Sealed by lip seal, optionally also labyrinth or deflectors

Material variants

Cast steel	GP240GN+H
Stainless steel	1.4408
Duplex	1.4593
Special materials	Large range on request, for example super duplex

Technical data

Flow rate	900 m³/h (250 l/s)
Head	150 m
Sizes	DN 25-160 to 200-315
Operating pressure	25 bar max.
Operating temperature	-40 to +400 °C
Speed	3500 rpm max.



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