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Pumps • Valves • Service



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

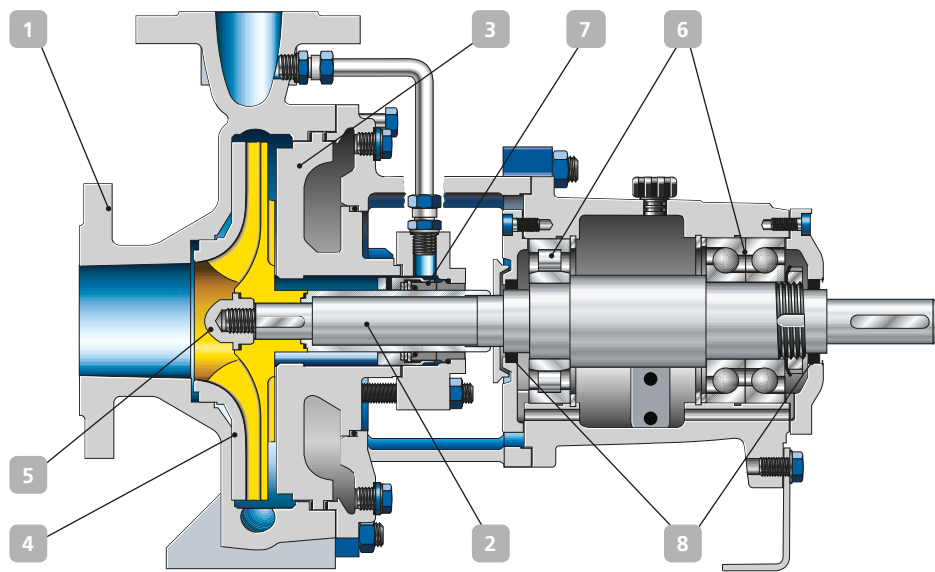
More information:

www.ksb.com/products



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

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- 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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