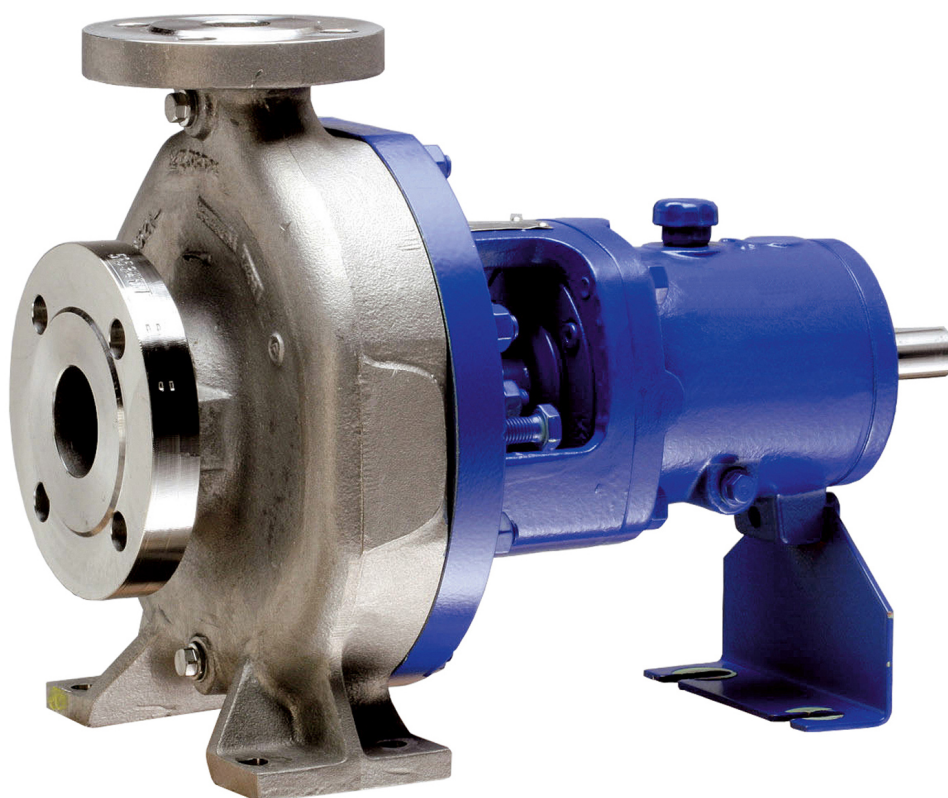


CPKN

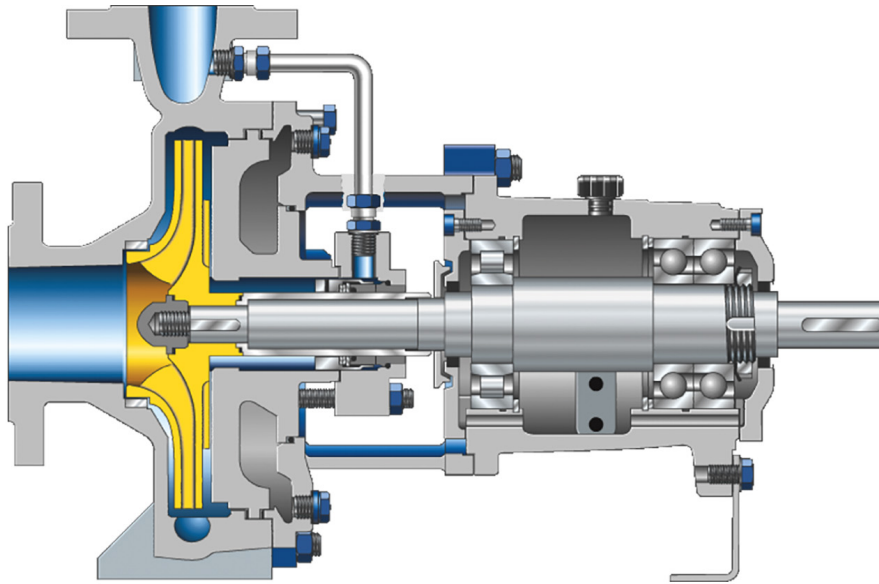
Standardised Chemical Pump



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- | | | |
|---|---|--------------------------|
| • Pump for handling aggressive liquids in the chemical and petrochemical industries | • Seawater desalination/reverse osmosis | • Petrochemical industry |
| • Paper industry / pulp industry | • Food industry / beverage industry | • Refineries |
| | • Fossil-fuelled power stations | • Sugar industry |
| | • Chemical industry | • Alcohol industry |
-



CPKN – Standardised Chemical Pump



Benefits

■ Standard-compliant

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

■ Longer service life

- Rigid shaft and reduced shaft deflection ensure reliable function of mechanical seal and rolling element bearings.

■ Easy to service

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

■ Straightforward and safe installation

- Impeller fastened with metal-to-metal contact

■ Reliable operation

- Robust bearings and shaft

■ Large range of variants

- Available with all seal variants, including cartridge mechanical seal or component mechanical seals, single or double mechanical seals, with or without quench, flushing, etc.

■ Flexible

- Sealed by labyrinth seal; lip seal or AESSEAL labyrinth seal optionally available

Materials

Options of material variants

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

Operating data

Characteristic	Value	
Flow rate	Q [m³/h]	≤ 4150
	Q [l/s]	≤ 1150
Head	H [m]	≤ 185
Size	DN [mm]	25 - 400
Operating pressure	p [bar]	≤ 25
Fluid temperature	T [°C]	-40 to +400