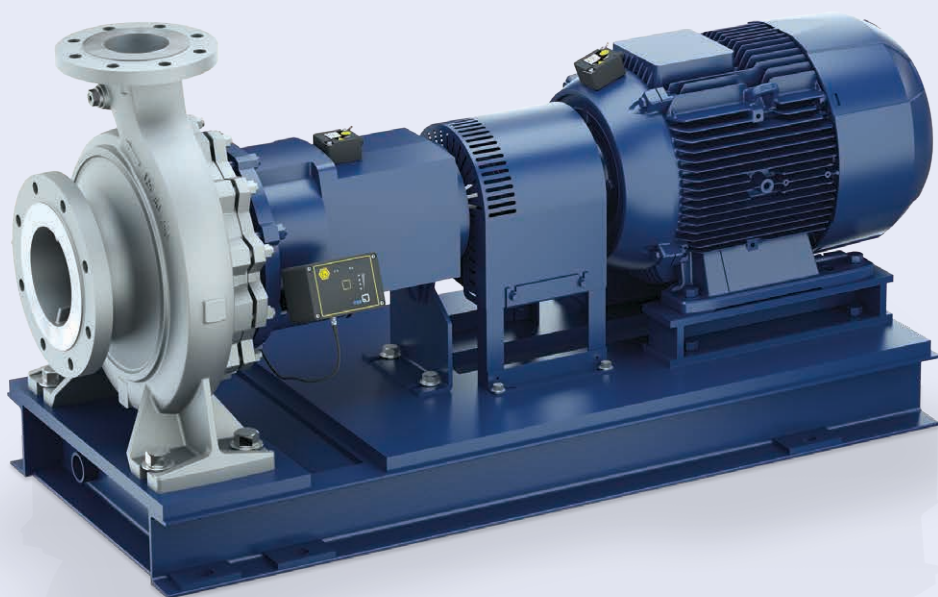


## MegaCPK – Standardised Chemical Pump



### Applications:

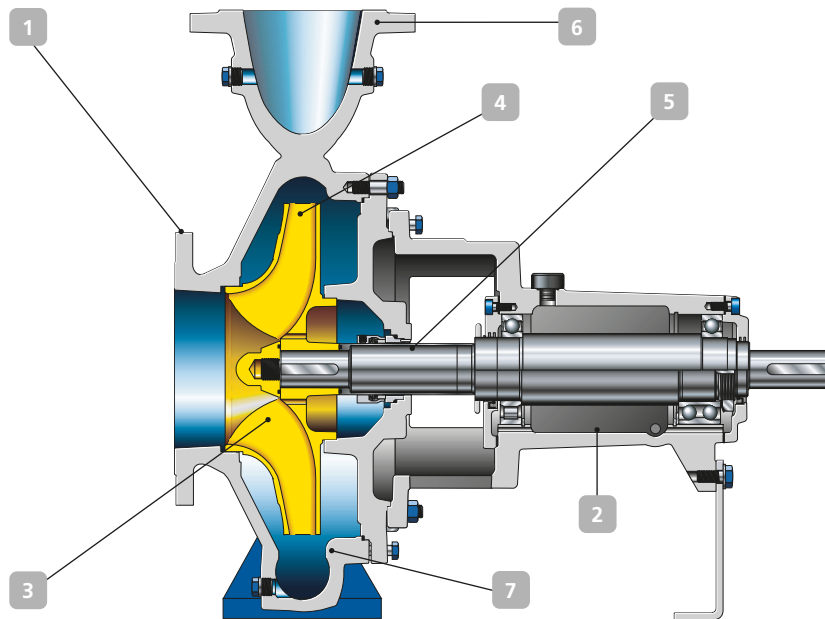
For handling aggressive organic and inorganic fluids in

- Chemical industry
- Petrochemical industry
- Process engineering
- Sugar industry
- Biodiesel, bioethanol
- Fire-fighting systems/  
fire-fighting water
- Seawater desalination/  
reverse osmosis
- Condensate
- Hot water
- Brine
- Steel industry
- Heat transfer media
- Cleaning agents

More information:

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

# MegaCPK – Standardised Chemical Pump to ISO 2858 / ISO 5199 and Directive 94/9/EC (ATEX)



## 1 Meets relevant standards

- Dimensions to ISO 2858, complemented by nominal diameters
- DN 25 and  $\geq$  DN 200
- Design to ISO 5199
- Acceptance tests / inspections to ISO 9906

## 2 High reliability and lower operating costs

Reduced energy consumption, optimised spare parts concept and hard-wearing, service-friendly design

## 3 Energy efficiency

Hydraulic characteristics optimised for excellent efficiency and NPSH, ensuring energy-efficient and environmentally friendly use of resources

## 4 Lower investment costs

Duty points required can be achieved with smaller pump sizes

## 5 Large range of variants for all applications

All shaft seal types possible including gland packings, single or double mechanical seals and cartridge seals

## 6 The right size for each application

79 hydraulic systems: the best choice for all operating points

## 7 Easy to service

Back pull-out design and smaller spare parts stocks

### Material options

Grey cast iron JL1040/A48CL35  
 Cast steel GP240GH+N/A216GrWCB  
 Stainless steel 1.4408/A743GrCF8M  
 Duplex steel 1.4593/1.4517/A995GrCD4MCuN  
 Super duplex 1.4573 / 1.4469.09 / A995 Gr. 5A  
 Special materials

### Technical data

Flow rate Q	Up to 2,700 m <sup>3</sup> /h (50 Hz) Up to 3,300 m <sup>3</sup> /h (60 Hz)
Head H	Up to 162 m (50 Hz) Up to 233 m (60 Hz)
Operating temperature t	-40 °C to +400 °C
Operating pressure p	Up to 25 bar



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