

MegaCPK – Standardised Chemical Pump

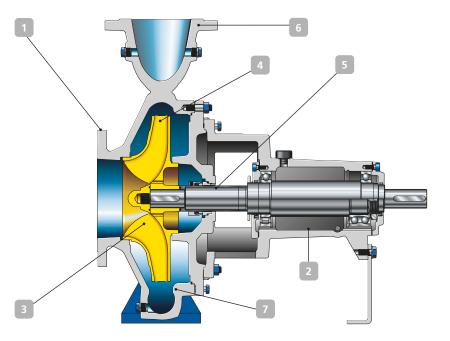


Applications: For handling aggressive organic and inorganic fluids in

- 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

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



Meets relevant standards

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

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

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

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

The right size for each application

79 hydraulic systems: the best choice for all operating points

Easy to service

Back pull-out design and smaller spare parts stocks

Technical data

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Flow rate Q	Up to 2,700 m³/h (50 Hz) Up to 3,300 m³/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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