

Technical Standard Specification

Series: Compact TKS

Medium: Water up to 90 °C

maximum external volume: 159 ltr at 90 °C

Functional equipment hydraulic

- Cooling and filling controlled by solenoid valve
- Switch-over possible: manual filling (at filling nozzle) / automatic filling (via cooling water)
- Level monitoring by magnetic float switch
- Dirt trap in cooling water supply and return line of circulating system



Functional equipment electrical

- Controller SBC-T (3,5"-touch display)
- Heating control by solid-state-relay
- Control cabinet IP54
- Heating capacity: cf. O/C

General equipment

- Corrosion-resistant components (VA, MS)
- Heating with Incolloy stainless steel tubular heaters
- Unit mounted on rollers and ready for connection

Cooling

Type	Capacity	Set-up	Connection cooling water
w/o	0	w/o	w/o
30	35 kW	copper fin-tube cooler	hose nipple G3/4" (21 mm)
B10/20	116 kW	stainless steel plate heat exchanger	hose nipple G3/4" (21 mm)

Capacity at 80 °C temperature to process and 15 °C cooling water temperature, and pressure difference of 3 bar between cooling water inlet and outlet.

Pump

	Standard	Reinforced
	MTH 4-4	MTH 4-6
Output rate (max.)	135 ltr/min	135 ltr/min
Pressure (max.)	3.8 bar	5.5 bar
Motor capacity	1,1 kW	1.1 kW
Construction	submersible pump/ centrifugal	

Dimensions/weight/colours

Dimensions L/W/H:	839 mm x 356 mm x 873 mm 895 mm x 356 mm x 873 mm (Advanced package)
Weight:	approx. 100 kg
Colour:	case: RAL 7035 light grey front door: RAL 7016 anthracite grey

Connections

Circulating medium	hose nipple G1" (28mm)
Filling (optional)	hose nipple G1/2" (14 mm)

- Subject to technical changes; latest update: April 24th, 2016; changed by F.Spork -

This unit complies with the European Directives. Other directives and standards are met only if they listed in the order confirmation. This technical specification represents the standard equipment. For non-standard specifications upon customer's request see quotations or O/Cs. In case of contradictory information the quotation or O/C applies.