

Technical Standard Specification

Series: Compact TKN

Medium: Water up to 90°C

maximum external volume: 69 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
- Turn-over switch for leak-stop operation (not required in case of fluid non-return and mould draining compressed air)



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 G1/2 (14 mm)
B10/20	80 kW	stainless steel plate heat exchanger	hose nipple G1/2 (14 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 (380-425V/50 Hz)	Reinforced
Output rate (max.)	VP 640 54 ltr/min	VP 660 57 ltr/min
Pressure (max.)	3,8 bar	5,3 bar
Motor capacity	0,66 kW	0,95 kW
Construction	submersible pump/ peripheral	submersible pump/ peripheral

Dimensions/weight/colours

Dimensions L/W/H:	739 mm x 276 mm x 772 mm (w/o connect.)
Weight:	approx. 75 kg
Colour:	case: RAL 7035 light grey front door: RAL 7016 anthracite grey

Connections

Circulating medium	hose nipple G3/4 (21 mm)
Filling (optional)	hose nipple G1/2 (14 mm)

- Subject to technical changes; latest update: October 31th, 2016; changed by C.Scheufele -

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.