

Technical Standard Specification



Series: Compact WT7

Medium: Water up to 90°C

maximum external volume: 460 ltr at 90°C

Functional equipment hydraulic

- Cooling and filling controlled by solenoid valve
- Automatic filling via cooling water (via separate filling connection with dirt trap if w/o cooling)
- 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 by Hybrid-SSR (up to 415V), above 415V SSR
- Control cabinet IP54
- Heating capacity: According O/C

General equipment

- Corrosion-resistant components (VA, brass)
- Heating with Incolloy stainless steel tubular heaters
- Unit mounted on rollers and ready to use
- Insulation around tank and heat exchanger made of foamed material

Cooling

Type	Capacity	Set-up	Connection cooling water
w/o	0	w/o	w/o
B35/20	300 kW	stainless steel plate heat exchanger	IT 1"

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
	MTH10-4/3	MTH10-6/5
Output rate (max.)	250 ltr/min	250 ltr/min
Pressure (max.)	4,6 bar	7,7 bar
Motor capacity	2,2 kW	3,0 kW
Construction	submersible pump/ centrifugal wheel	

Dimensions/weight/colours

Dimensions L/W/H:	1.224 mm x 505 mm x 1.120 mm (SSC)
(w/o connect.)	1.183 mm x 505 mm x 1.120mm (SBC-T)
Weight:	approx. 245 kg
Colour:	case: RAL 7035 light grey
	front door: RAL 7016 anthracite grey

Connections

Circulating medium	IT 1 1/2"
Separate filling (optional)	IT 1/2"

- Subject to technical changes; latest update: February 14th, 2024; changed by C.Scheufele -

This unit complies with the European Directives. Other directives and standards are met only if they are 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.