

Technical Standard Specification

Series: Water Advanced **HK**

Medium: Water up to 225°C

maximum external volume: 3.2 ltr at 225°C

max. system pressure: 35 bar plus pump pressure at 225°C

Functional equipment hydraulic

- Cooling and filling controlled by solenoid valve
- Bypass between to and from process with reduced cross-section
- Level monitoring by magnetic float switch
- Automatic temperature-dependent system closing
- Flow monitoring by recording surface temperature of heating rods and flow
- Dirt trap in cooling water supply and return line of circulating system
- Separate automatic filling with dirt trap and booster pump for filling
- Flow metering according to principle of pressure difference
- Monitoring of surface temperature of heating rods via temperature sensor
- *With pressure Manometer in to process line mounted in backside of unit*



Functional equipment electrical

- Smart Controller (7" 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
5	5 kW	tube bundle heat exchanger	sealing cone DIN 3863/3870 G3/8 ext.thread

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

	HT/NPY 2251
Output rate (max.)	25 ltr/min
Pressure (max.)	4.5 bar
Motor capacity	0.55 kW
Construction	peripheral

Dimensions L/W/H: 833 mm x 304 mm x 702 mm (w/o con.)
 Weight: approx. 64 kg
 Colour: case: RAL 7035 light grey
 front door: RAL 7016 anthracite grey

Circulating medium: sealing cone DIN 3863/3870 G1, external thread
 Separate filling: sealing cone DIN 3863/3870 G3, external thread

- Subject to technical changes; latest update: April 10th, 2019; 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.

/2

/8