

REGLOPLAS

every degree counts.



# P180S

Pressurised-water temperature control unit up to 180 °C

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Pressurised-water temperature control unit up to 180 °C

- Control system RT200
- Pump with high flow rate: 40 l/min
- Low-scaling cooling system "SK"
- Pressure control
- Leak-free pump with magnetic coupling
- Solid-state relay instead of heating contactor



### Technical specifications

Heat transfer medium	Outlet temperature	Heating capacity at 400V	Cooling capacity		Pump capacity/Type		
			170 °C	76 kW	SM23H	40 l/min	0.5 kW
Water	180 °C	8 kW	170 °C	90 kW	PM23H	50 l/min	1.4 kW

## Technical data

<b>Outlet temperature</b>			
max.	180		°C
<b>Heat transfer medium</b>			
	Water		
Filling quantity	1.0		l
Expansion volume	-		l
<b>Heating capacity at 400V</b>			
	8		kW
<b>Cooling capacity</b>			
	76	90	kW
Cooler	SK	2SK	
at outlet temperature	170	170	°C
at cooling water temperature	20	20	°C
<b>Pump capacity/Type</b>			
	SM23H	PM23H	
Flow rate max.	40	50	l/min
Power consumption	0.5	1.4	kW
Pressure max.	5.0	9.0	bar
<b>Control system</b>			
	RT100 / RT200		
Measuring mode (standard)	Pt100		
<b>Operating voltage</b>			
	3 x 400 V, 50/60 Hz		V/Hz
<b>Connections</b>			
Outlet/Inlet	G1/2"		
Cooling water mains	G1/2"		
<b>Degree of protection</b>			
	IP54		
<b>Dimensions W/H/D</b>			
	236/589/812		mm
<b>Weight</b>			
	52		kg
<b>Color</b>			
	9006/7016		RAL
<b>Ambient temperature</b>			
max.	40		°C
<b>Noise level</b>			
	< 70		db (A)

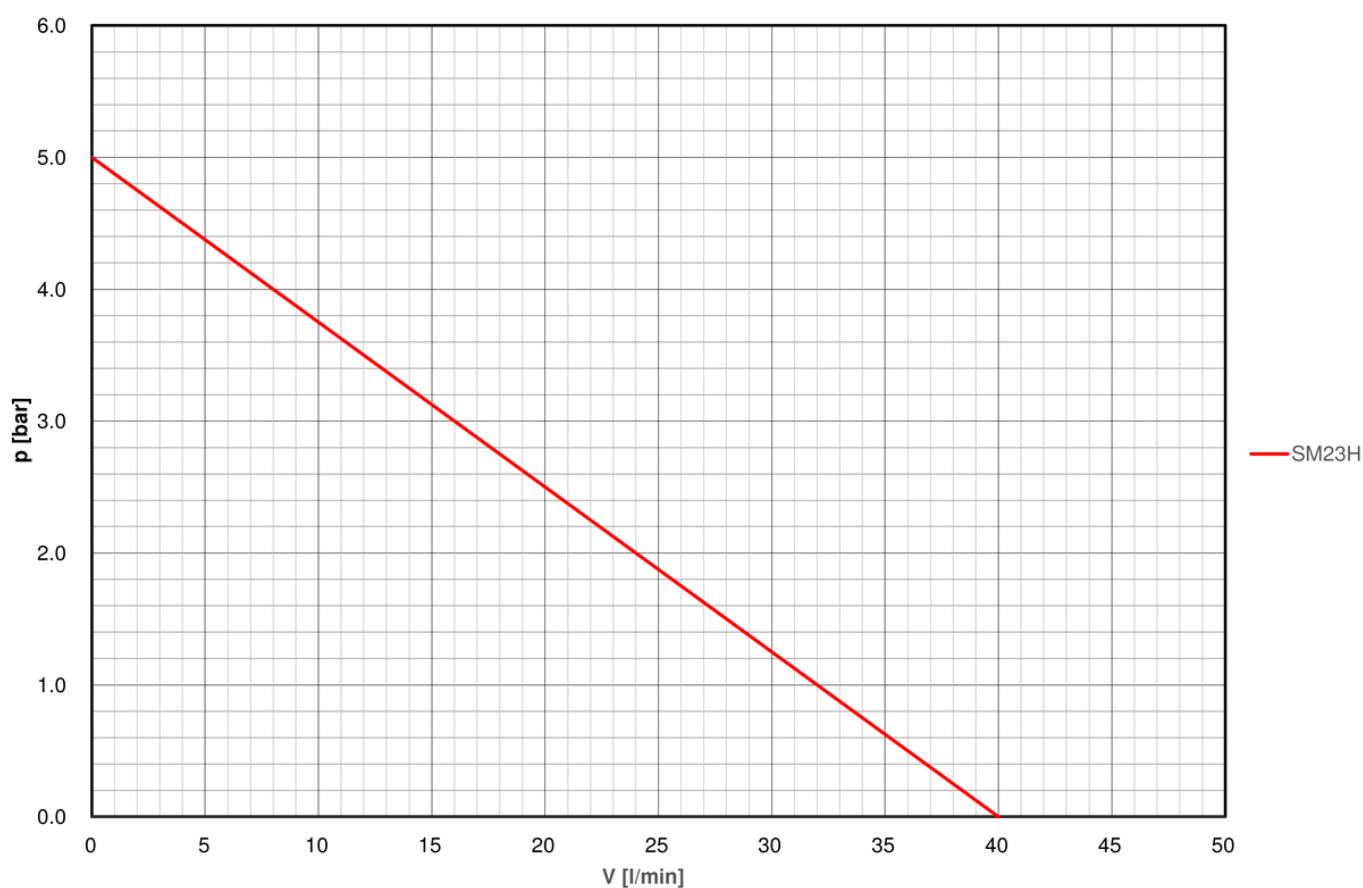
## Standard equipment

- Solid-state relay (SSR) instead of heating contactor
- Filter in the main circuit
- Draining the consumer by suction
- Leak-free pump
- Patented low-scale cooling system (SK)
- Unit in IP54 protection degree
- RT200 control system

## Options

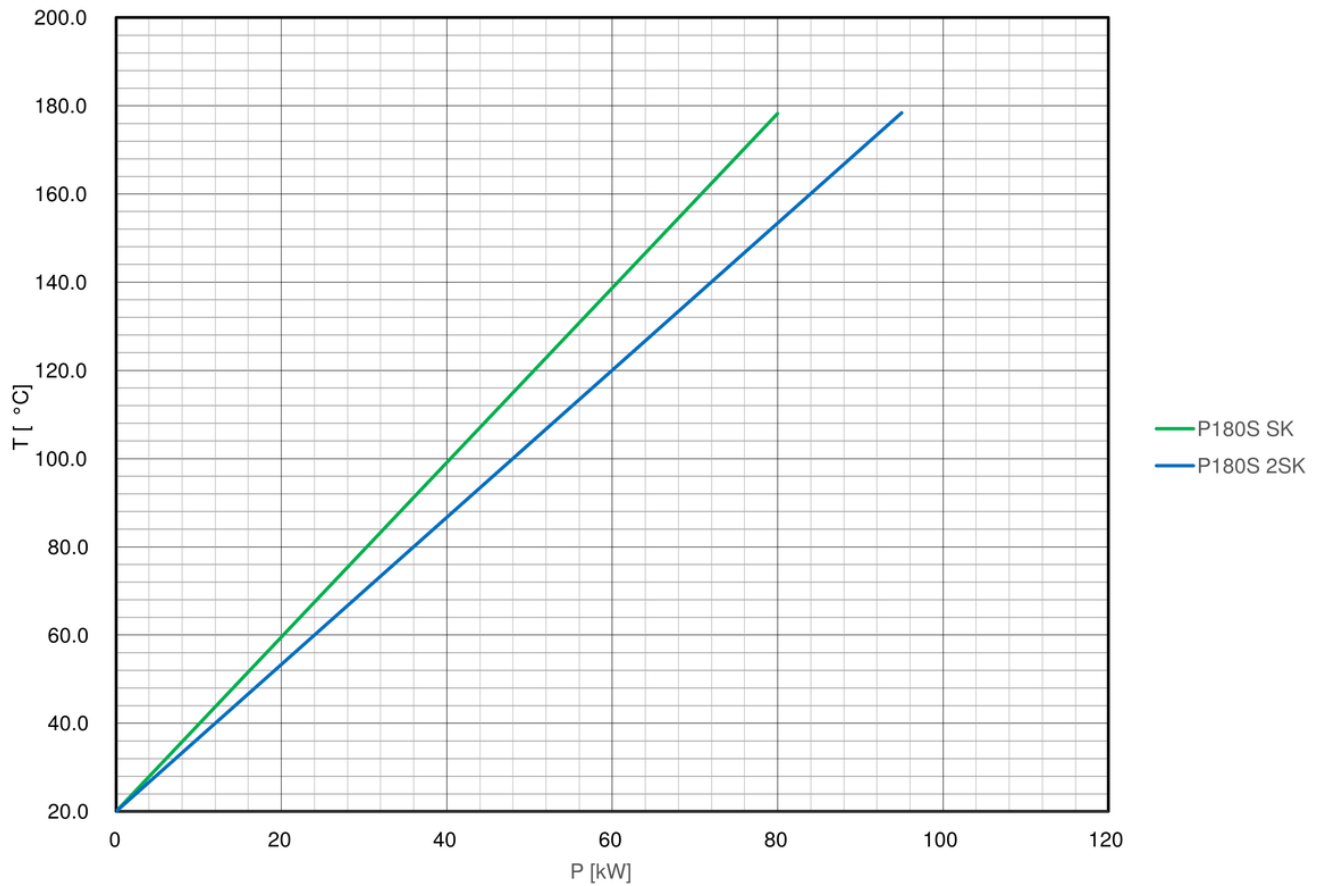
- Electronic flow measurement
- Hand valve in inlet and outlet
- Cleanroom version
- Pump PM23H only with frequency converter
- RT100 control system

## Pump curve



## Cooling curve

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## Representation Switzerland

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Injection Molding, Die Casting, other Applications