



P180S

Pressurised-water temperature control unit up to 180 °C

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- 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		
Water	180 °C	8 kW	170 °C	76 kW	SM23H	40 l/min	0.5 kW
			170 °C	90 kW	PM23H	50 l/min	1.4 kW

Technical data

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

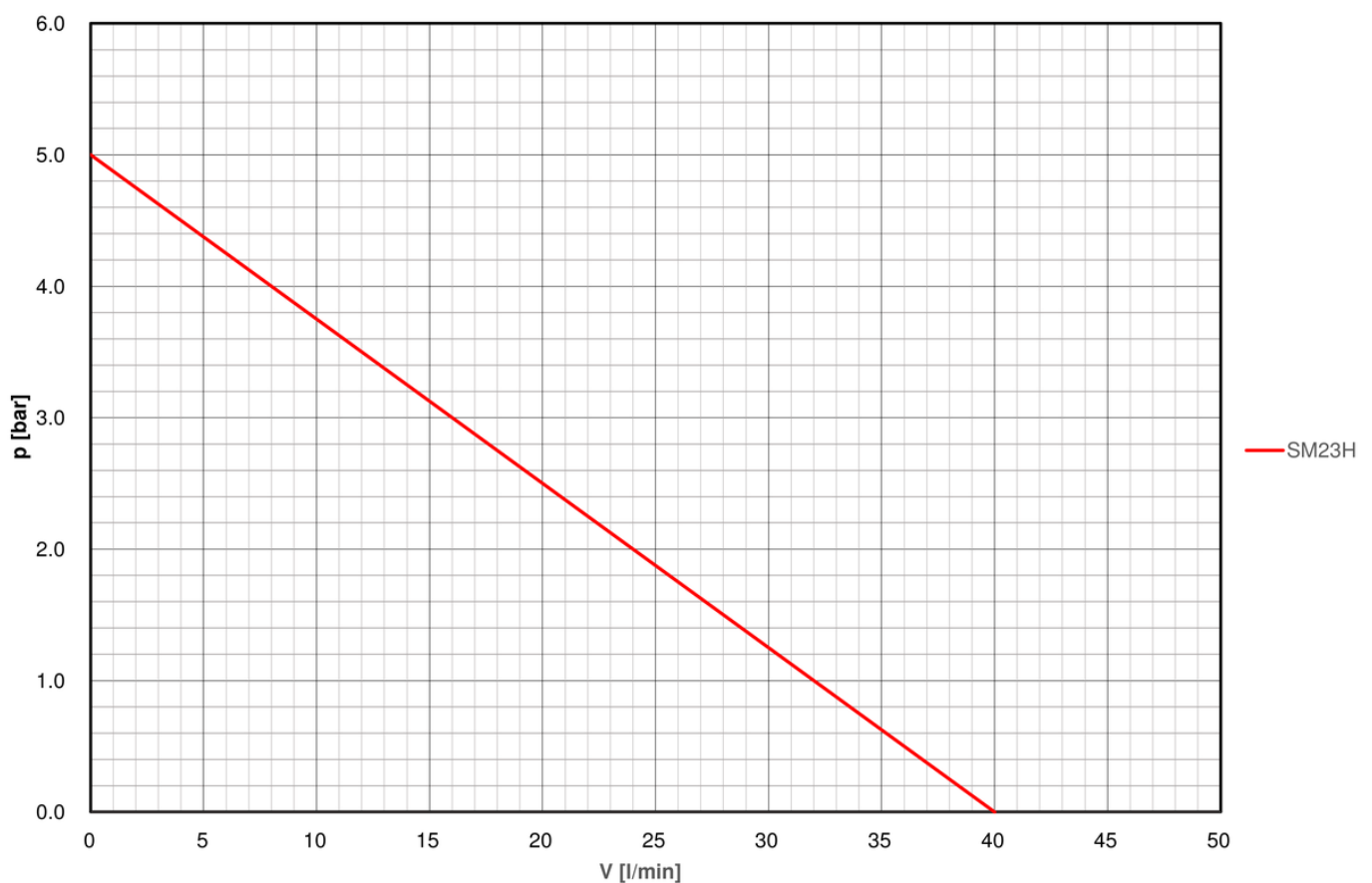
Standard equipment

- 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

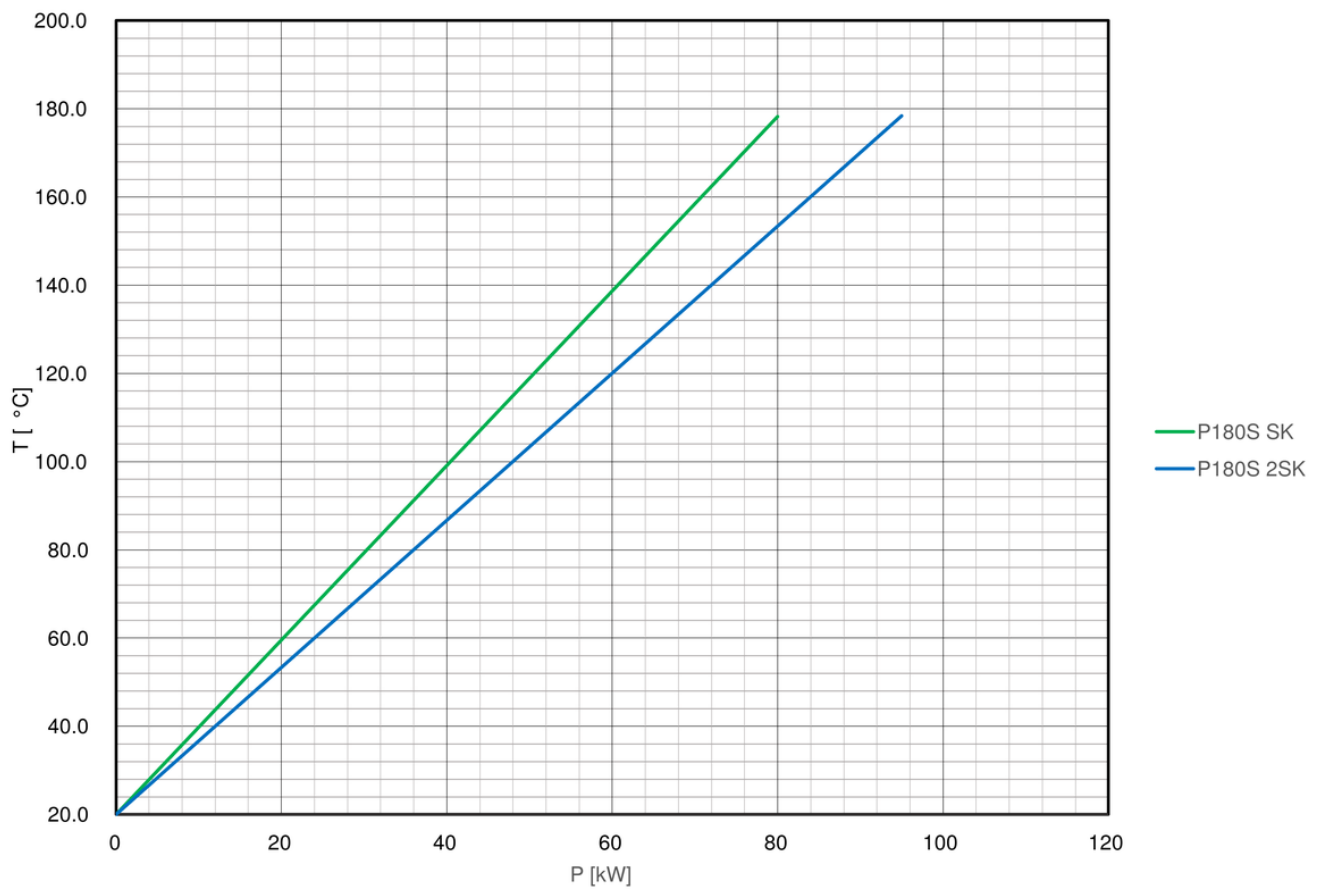
Options

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

Pump curve



Cooling curve



Representation Slovenia

Injection Molding, Die Casting, other Applications

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