P230S

Pressurised-water temperature control unit up to 230 °C

- Control system RT200
- Pump with high flow rate: 40 l/min
- Low-scaling cooling system "SK"
- Patented heater pressure stabaliser
- 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	230 °C	8 kW	220 °C	88 kW	PM23H	50 l/min	1.4 kW

Technical data

Outlet temperature		
max.	°C	230
Heat transfer medium		Water
Filling quantity	l	1.5
Expansion volume	l	-
Heating capacity at 400V	kW	8
Cooling capacity	kW	88
Cooler		SK
at outlet temperature	°C	220
at cooling water temperature	°C	20
Pump capacity/Type		PM23H
Flow rate max.	l/min	50
Power consumption	kW	1.4
Pressure max.	bar	9.0
Control system		RT100 / RT200
Measuring mode (standard)		Pt100
Operating voltage	V/Hz	200-600 V, 50/60 Hz
Connections		
Outlet/Inlet		G1/2" /SAE1"
Cooling water mains		G1/2"
Degree of protection		IP54
Dimensions W/H/D	mm	297/711/971
Weight	kg	90
Color	RAL	9006/7016
Ambient temperature		
max.	°C	40
Noise level	db (A)	< 70

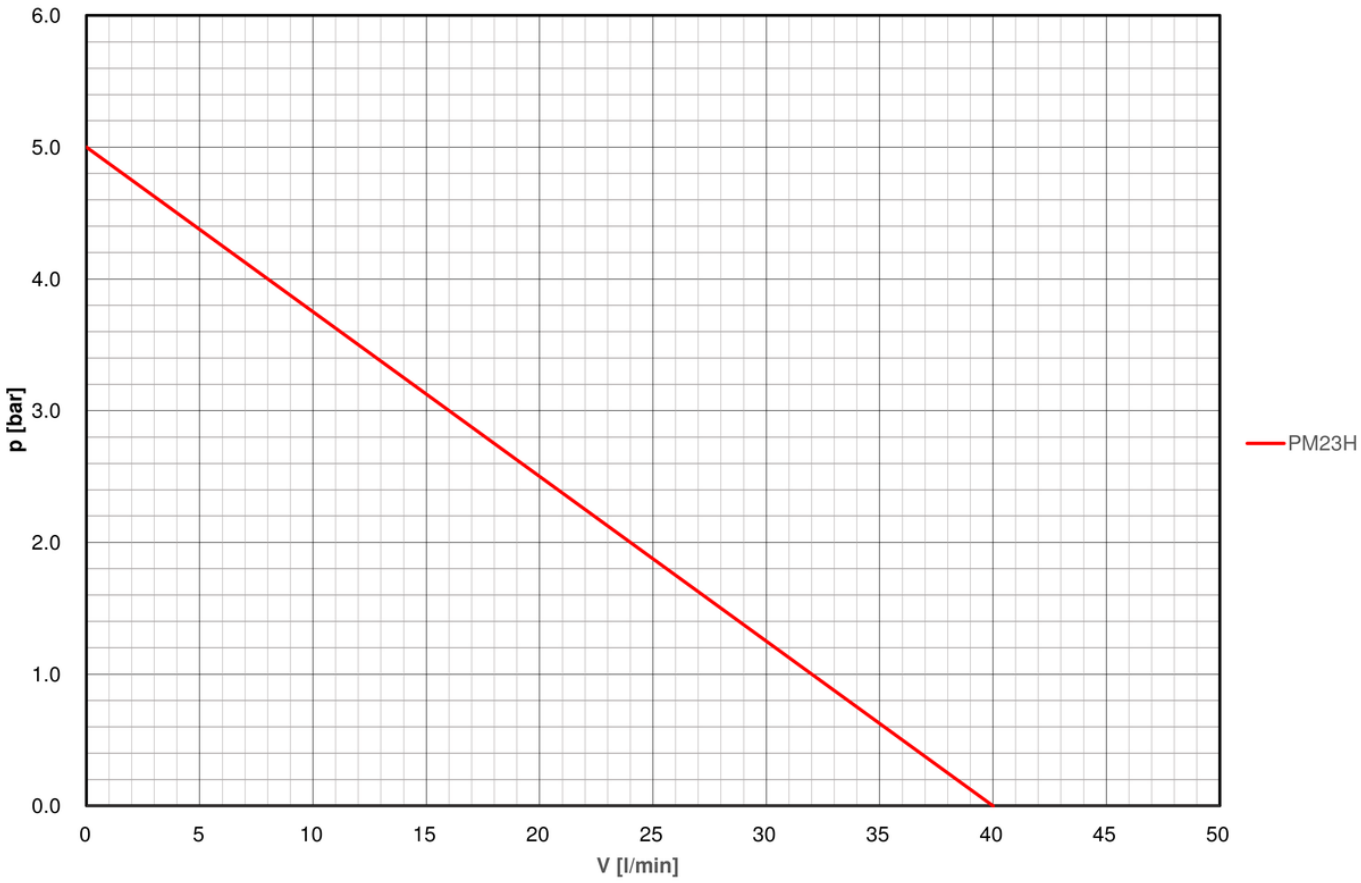
Standard equipment

- Patented pressure holder
- Solid-state relay (SSR) instead of heating contactor
- Filter in the main circuit
- Draining the consumer by suction
- Leak-free pump
- Pump PM23H only with frequency converter
- Patented low-scale cooling system (SK)
- Unit in IP54 protection degree
- RT200 control system

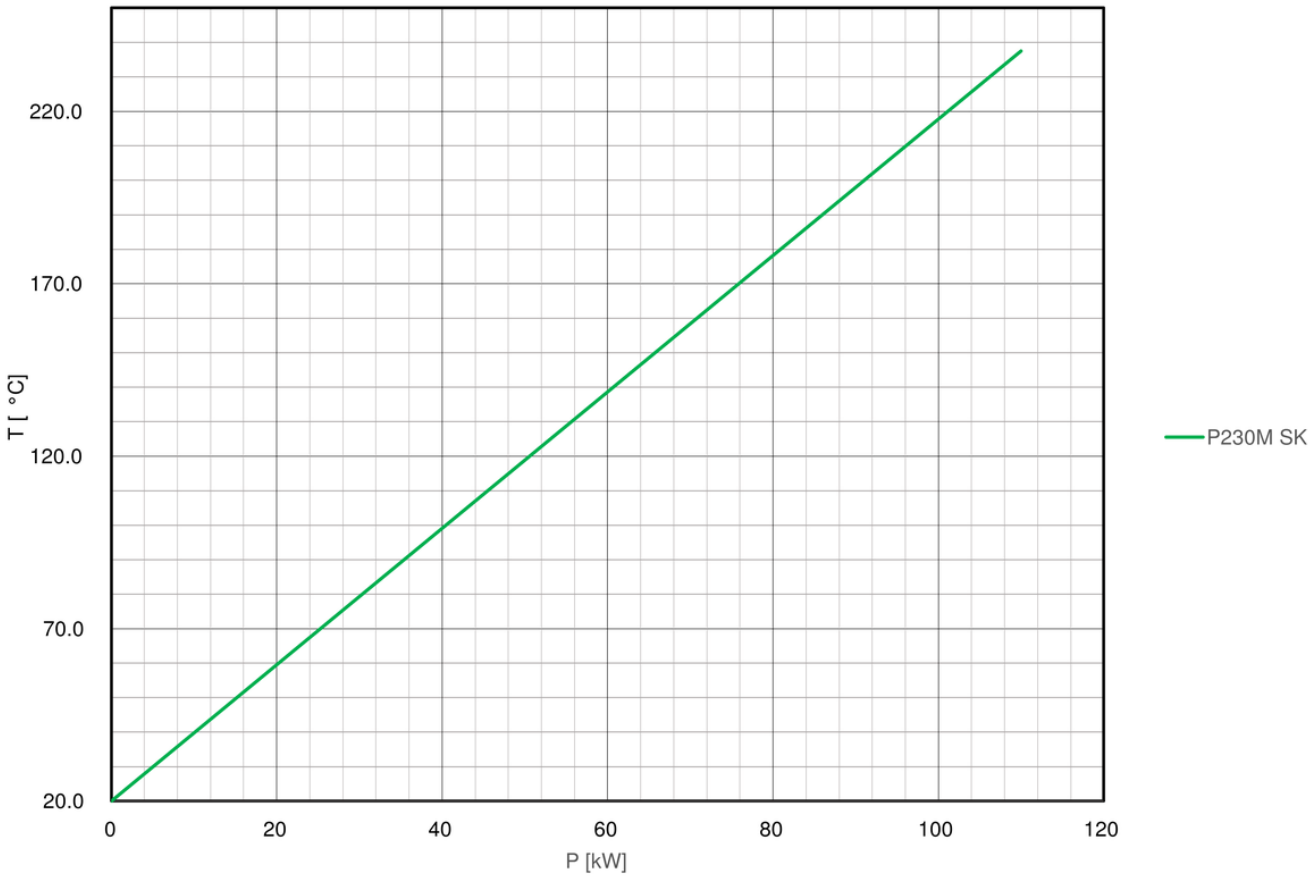
Options

- Electronic flow measurement
- Hand valve in inlet and outlet
- RT100 control system

Pump curve



Cooling curve



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