

# P230M

Pressurised-water temperature control unit up to 230 °C

- Control system RT200
- Pump with high flow rate: 85 l/min
- Low-scale cooling system "SK"
- Patented heater pressure stabiliser
- 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	22 kW	220 °C	100 kW	PM 75H	85 l/min	2.2 kW

## Technical data

<b>Outlet temperature</b>		
max.	°C	230
<b>Heat transfer medium</b>		Water
Filling quantity	l	1.5
Expansion volume	l	-
<b>Heating capacity at 400V</b>	kW	22
<b>Cooling capacity</b>	kW	100
Cooler		SK
at outlet temperature	°C	220
at cooling water temperature	°C	20
<b>Pump capacity/Type</b>		PM 75H
Flow rate max.	l/min	85
Power consumption	kW	2.2
Pressure max.	bar	8.5
<b>Control system</b>		RT100 / RT200
Measuring mode (standard)		Pt100
<b>Operating voltage</b>	V/Hz	200-600 V, 50/60 Hz
<b>Connections</b>		
Outlet/Inlet		G3/4" /SAE1" 60°Conus
Cooling water mains		G1/2"
<b>Degree of protection</b>		IP54
<b>Dimensions W/H/D</b>	mm	310/711/1126
<b>Weight</b>	kg	95
<b>Color</b>	RAL	9006/7016
<b>Ambient temperature</b>		
max.	°C	40
<b>Noise level</b>	db (A)	< 70

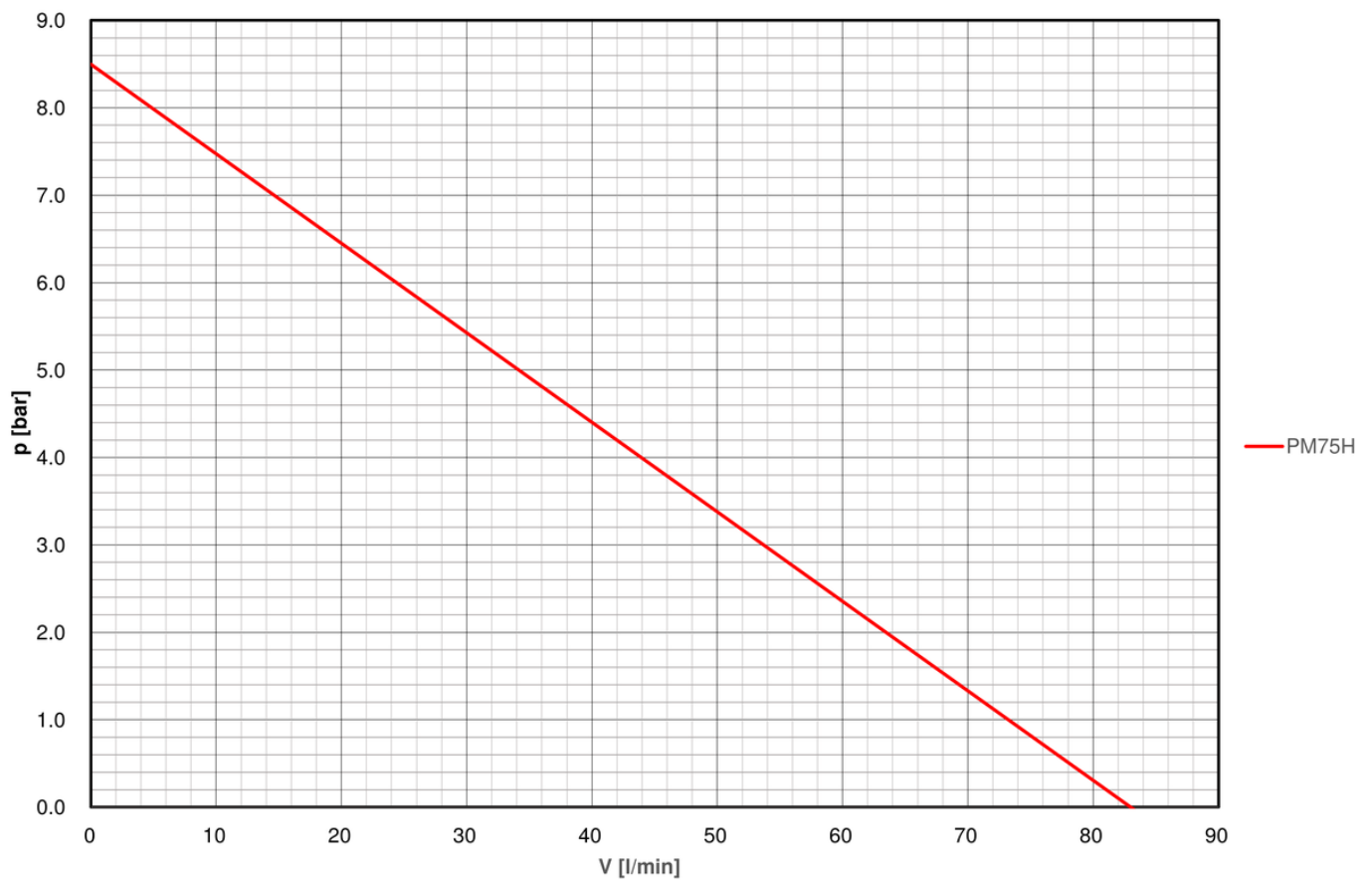
## Standard equipment

- 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 PM75 only with frequency converter
- Patented low-scale cooling system (SK)
- Unit in IP54 protection degree
- RT200 control system

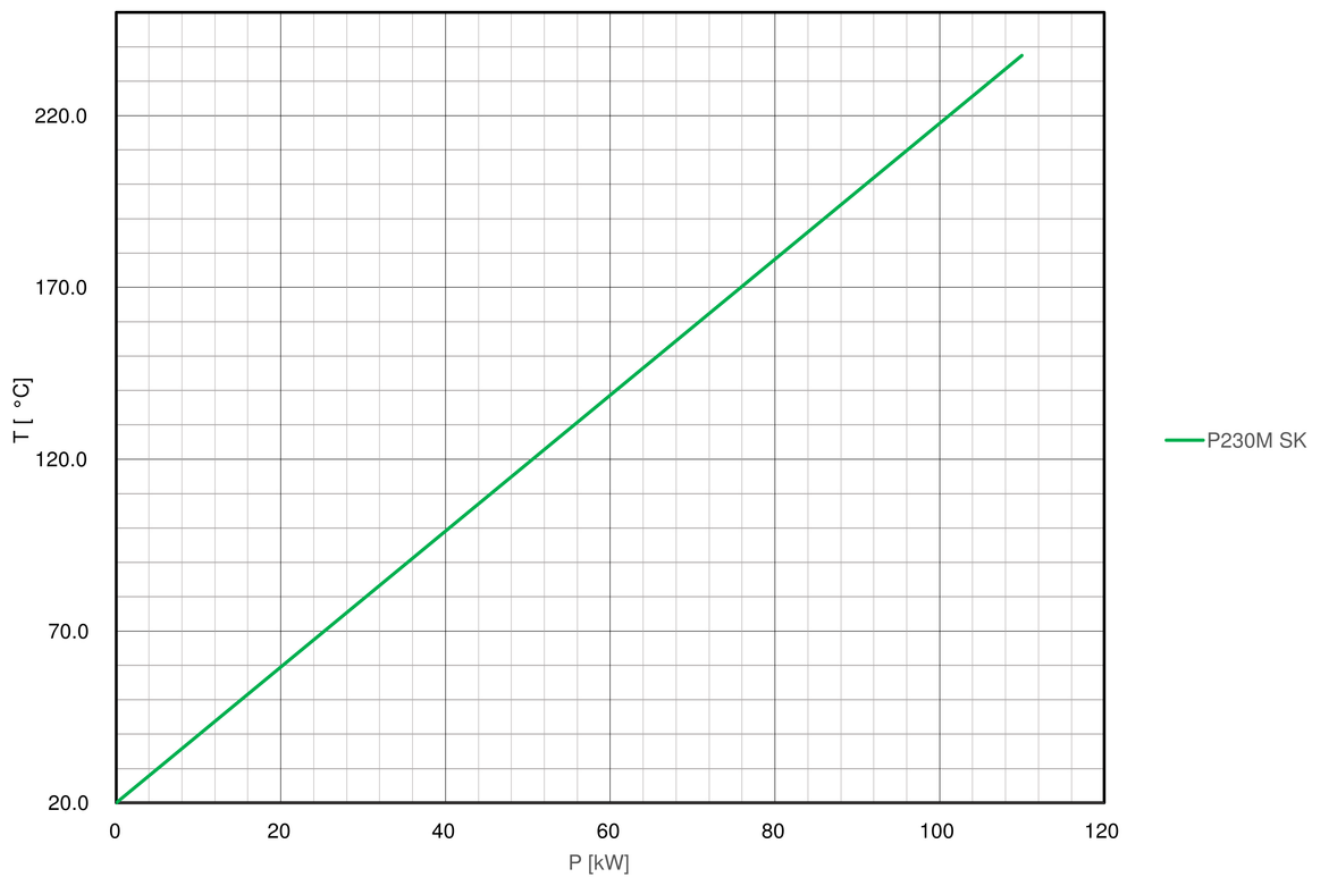
## Options

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

## Pump curve



## Cooling curve



## Representation Switzerland

### Injection Molding, Die Casting, other Applications

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