

# P141XL

Pressurised-water temperature control unit up to 140 °C

- Control system RT200
- Pump with high flow rate: 200 l/min
- Low-scaling cooling system "SK"
- Pressure control
- Solid-state relay instead of heating contactor



## Technical specifications

Heat transfer medium	Outlet temperature	Heating capacity at 400V	Cooling capacity		Pump capacity/Type		
Water	140 °C	20 / 40 / 60 kW	130 °C	115 kW	SG85	200 l/min	3.5 kW

Technical data

<b>Outlet temperature</b>		
max.	°C	140
<b>Heat transfer medium</b>		Water
Filling quantity	l	10
Expansion volume	l	5.0
<b>Heating capacity at 400V</b>	kW	20 / 40 / 60
<b>Cooling capacity</b>	kW	115
Cooler		SK
at outlet temperature	°C	130
at cooling water temperature	°C	20
<b>Pump capacity/Type</b>		SG85
Flow rate max.	l/min	200
Power consumption	kW	3.5
Pressure max.	bar	5.3
<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		G1 1/2"IG
Cooling water mains		G3/4"
<b>Degree of protection</b>		IP54
<b>Dimensions W/H/D</b>	mm	432/1350/1554
<b>Weight</b>	kg	265
<b>Color</b>	RAL	9006/7016
<b>Ambient temperature</b>		
max.	°C	40
<b>Noise level</b>	db (A)	< 70

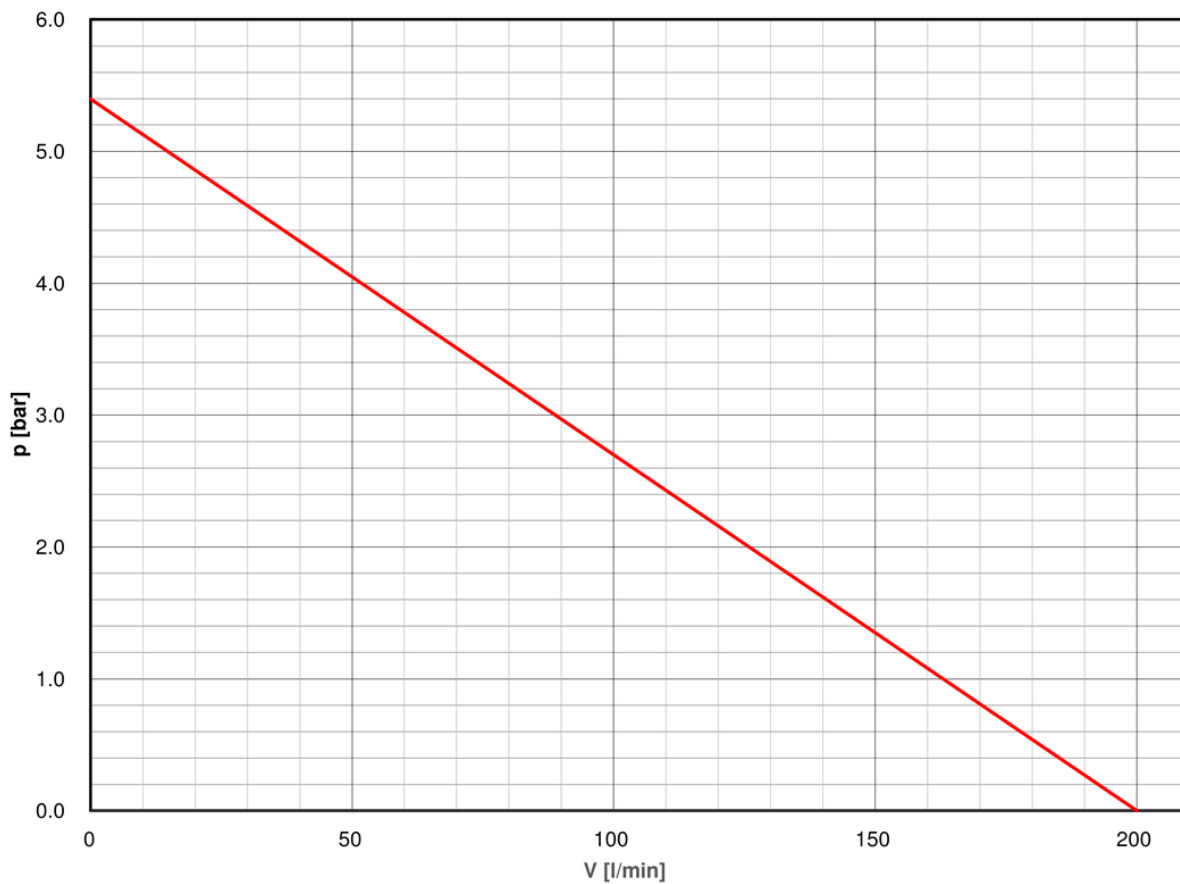
## Standard equipment

- Solid-state relay (SSR) instead of heating contactor
- Hand valve in inlet and outlet
- Water circuit of non-rusting materials
- Automatic water refill
- Filter in the main circuit
- Filter in cooling water circuit
- Patented low-scale cooling system (SK)
- Pressure gauge outlet
- Pressure gauge for system pressure
- Unit in IP54 protection degree
- RT200 control system

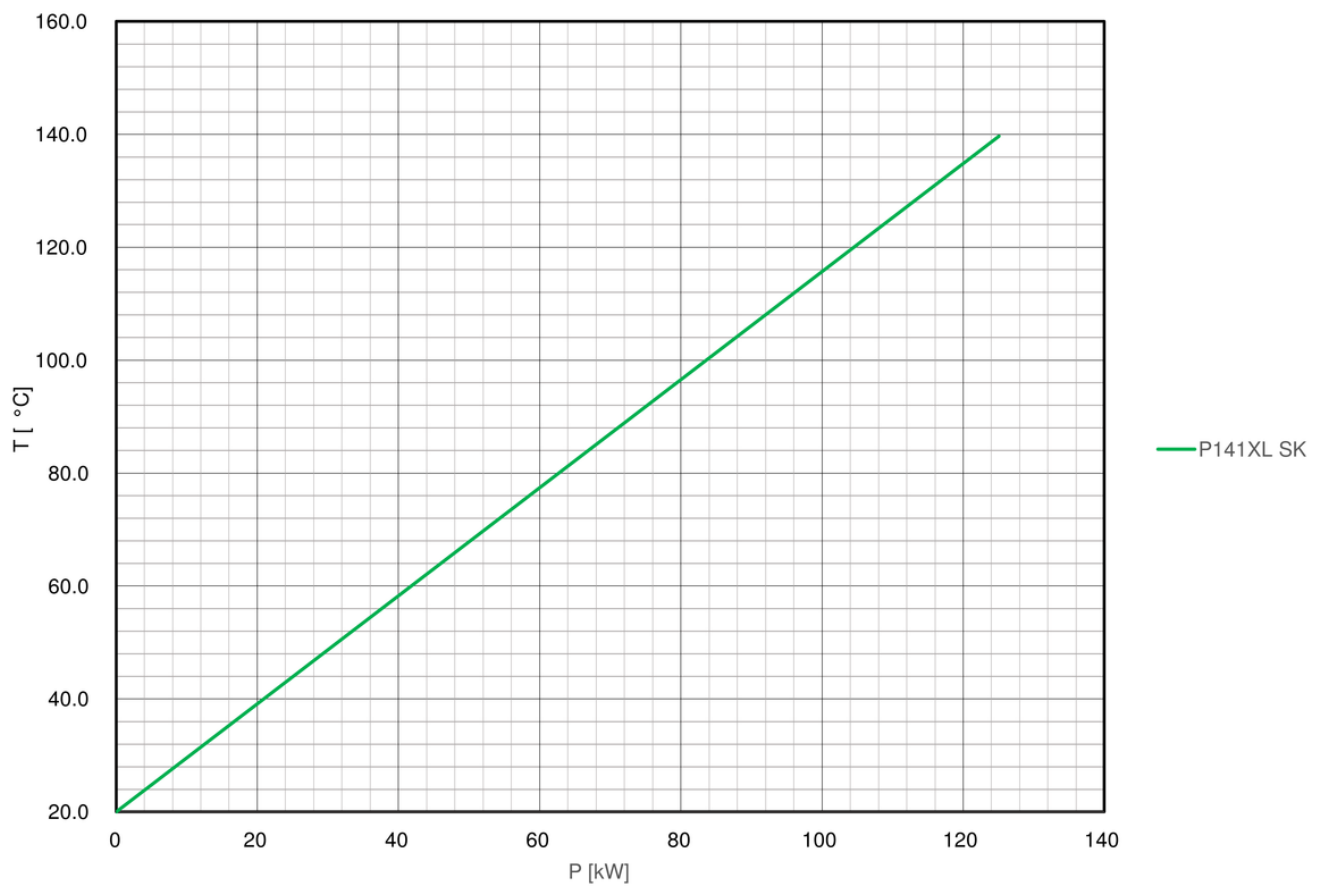
## Options

- Electronic flow measurement
- RT100 control system

## Pump curve



## Cooling curve



## Representation Switzerland

### Injection Molding, Die Casting, other Applications

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