

REGLOPLAS

every degree counts.



## P140smart

Pressurised-water temperature control unit up to 140 °C

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- RT70 control system with 3.5" TFT display
- Pump with high flow rate: 40 l/min
- Leak-free pump with magnetic coupling



### Technical specifications

Heat transfer medium	Outlet temperature	Heating capacity at 400V	Cooling capacity		Pump capacity/Type		
			130 °C	85 kW	SM22	40 l/min	0.5 kW
Water	140 °C	8 kW					

## Technical data

<b>Outlet temperature</b>		
max.	140	°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>		
	85	kW
Cooler	1K	
at outlet temperature	130	°C
at cooling water temperature	20	°C
<b>Pump capacity/Type</b>		
	SM22	
Flow rate max.	40	l/min
Power consumption	0.5	kW
Pressure max.	5.0	bar
<b>Control system</b>		
	RT70	
Measuring mode (standard)	Pt100	
<b>Operating voltage</b>		
	380-480 V, 50/60 Hz	V/Hz
<b>Connections</b>		
Outlet/Inlet	G1/2"	
Cooling water mains	G1/2"	
<b>Degree of protection</b>		
	IP40	
<b>Dimensions W/H/D</b>		
	233/595/746	mm
<b>Weight</b>		
	50	kg
<b>Color</b>		
	9006/7016	RAL
<b>Ambient temperature</b>		
max.	40	°C
<b>Noise level</b>		
	< 70	db (A)

# Regloplas P140 Smart

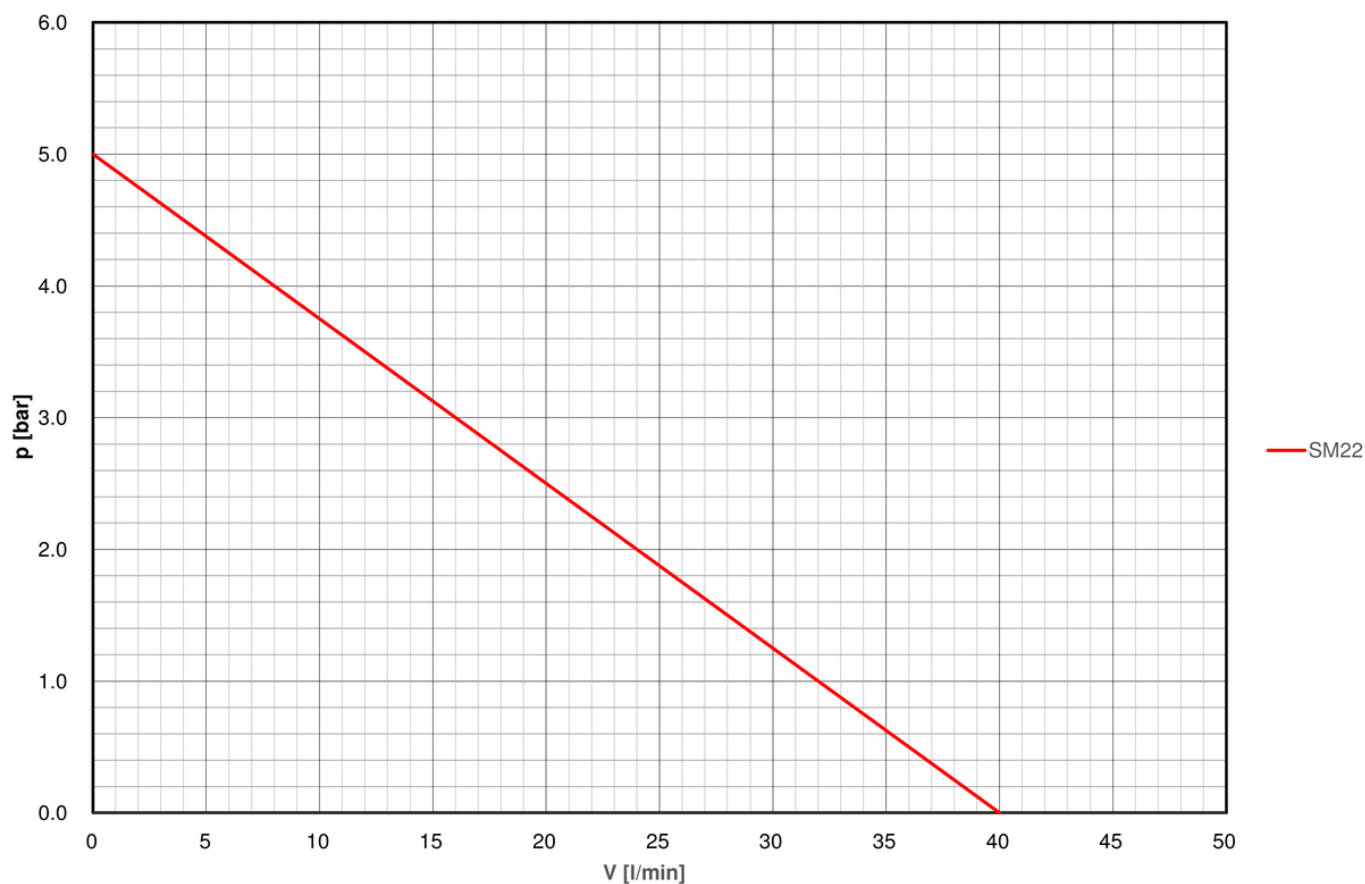
## Standard equipment

- RT70 control system with 3.5" TFT display
- Solid-state relay (SSR) instead of heating contactor
- Filter in cooling water circuit
- Leak-free pump
- Pressure gauge for system pressure
- Unit in IP40 protection degree
- Water circuit of non-rusting materials
- Automatic water refill
- Unit in IP54 protection degree
- Draining the consumer by suction

## Options

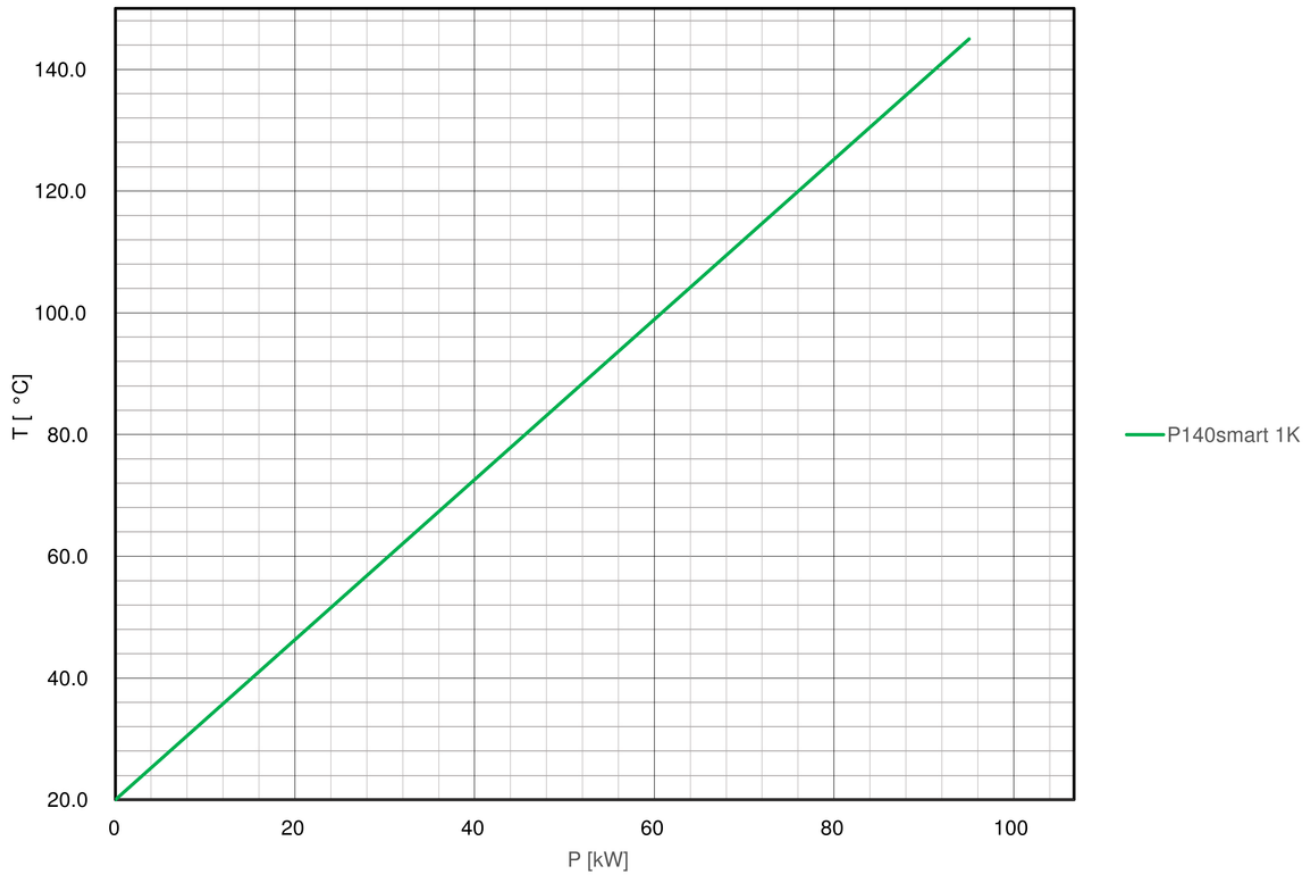
- Electronic flow measurement

## Pump curve



## Cooling curve

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## Representation Switzerland

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Injection Molding, Die Casting, other Applications