

REGLOPLAS

every degree counts.



P180L

Pressurized-water temperature control unit up to 180 °C

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Pressurized-water temperature control unit up to 180 °C

- Control system RT200
- Pump with high flow rate: 140 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		
			170 °C	170 °C	CRI5	140 l/min	1.1 kW
Water	180 °C	17 / 34 / 51 kW	170 °C	116 kW	CRI5	140 l/min	1.1 kW
			170 °C	129 kW			

Technical data

Outlet temperature			
max.	180		°C
Heat transfer medium			
	Water		
Filling quantity	12		l
Expansion volume	-		l
Heating capacity at 400V			
	17 / 34 / 51		kW
Cooling capacity			
	116	129	kW
Cooler			
	SK	2SK	
at outlet temperature	170	170	°C
at cooling water temperature	20	20	°C
Pump capacity/Type			
	CRI5		
Flow rate max.	140		l/min
Power consumption	1.1		kW
Pressure max.	5.4		bar
Control system			
	RT100 / RT200		
Measuring mode (standard)	Pt100		
Operating voltage			
	380-415 V, 50 Hz	440-480 V, 60 Hz	V/Hz
Connections			
Outlet/Inlet	G1"/60°/Cone		
Cooling water mains	G1/2"		
Degree of protection			
	IP54		
Dimensions W/H/D			
	350/967/1366		mm
Weight			
	170		kg
Color			
	9006/7016		RAL
Ambient temperature			
max.	40		°C
Noise level			
	< 70		db (A)

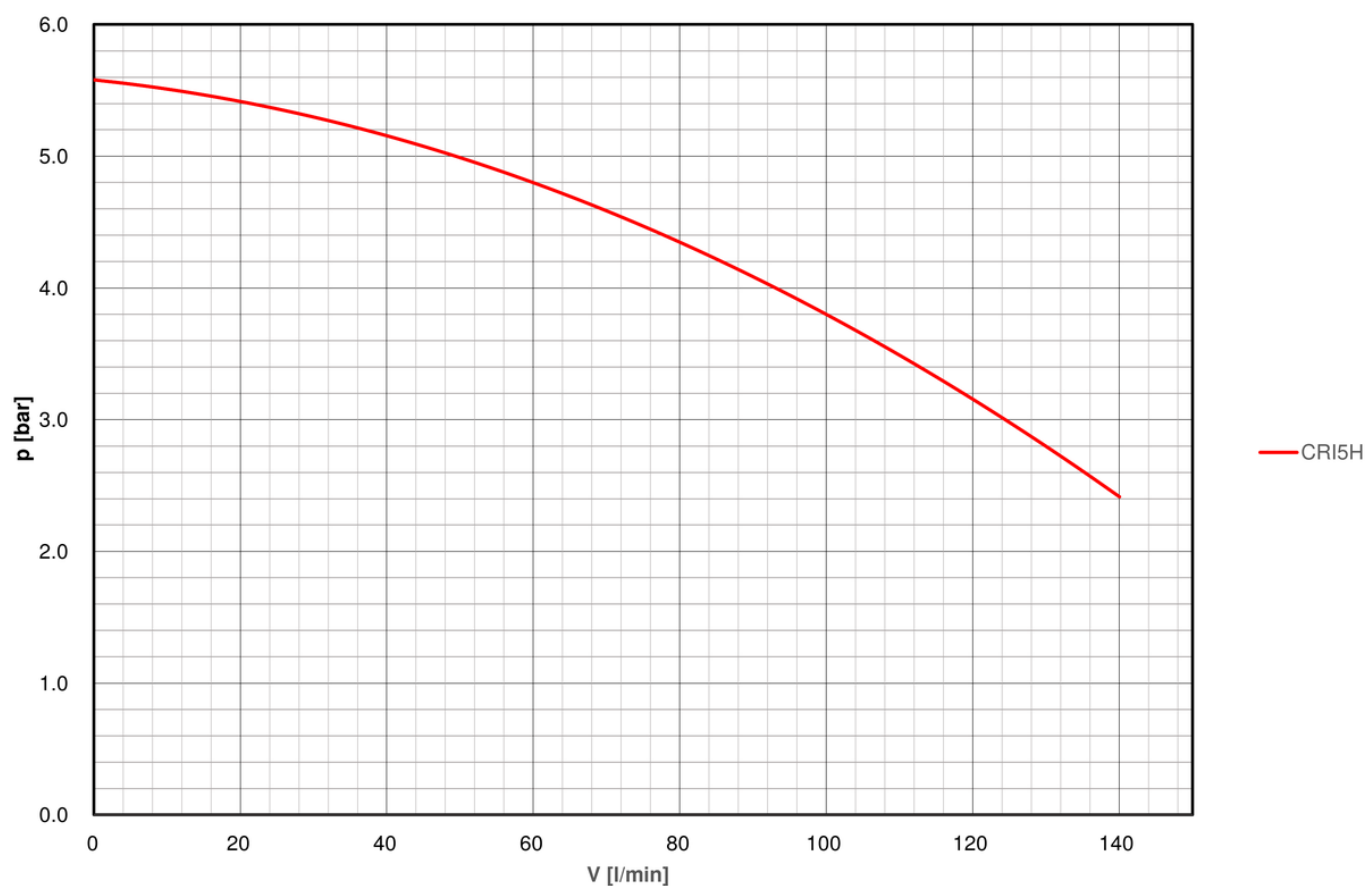
Standard equipment

- Solid-state relay (SSR) instead of heating contactor
- 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 for system pressure
- Unit in IP54 protection degree
- RT200 control system

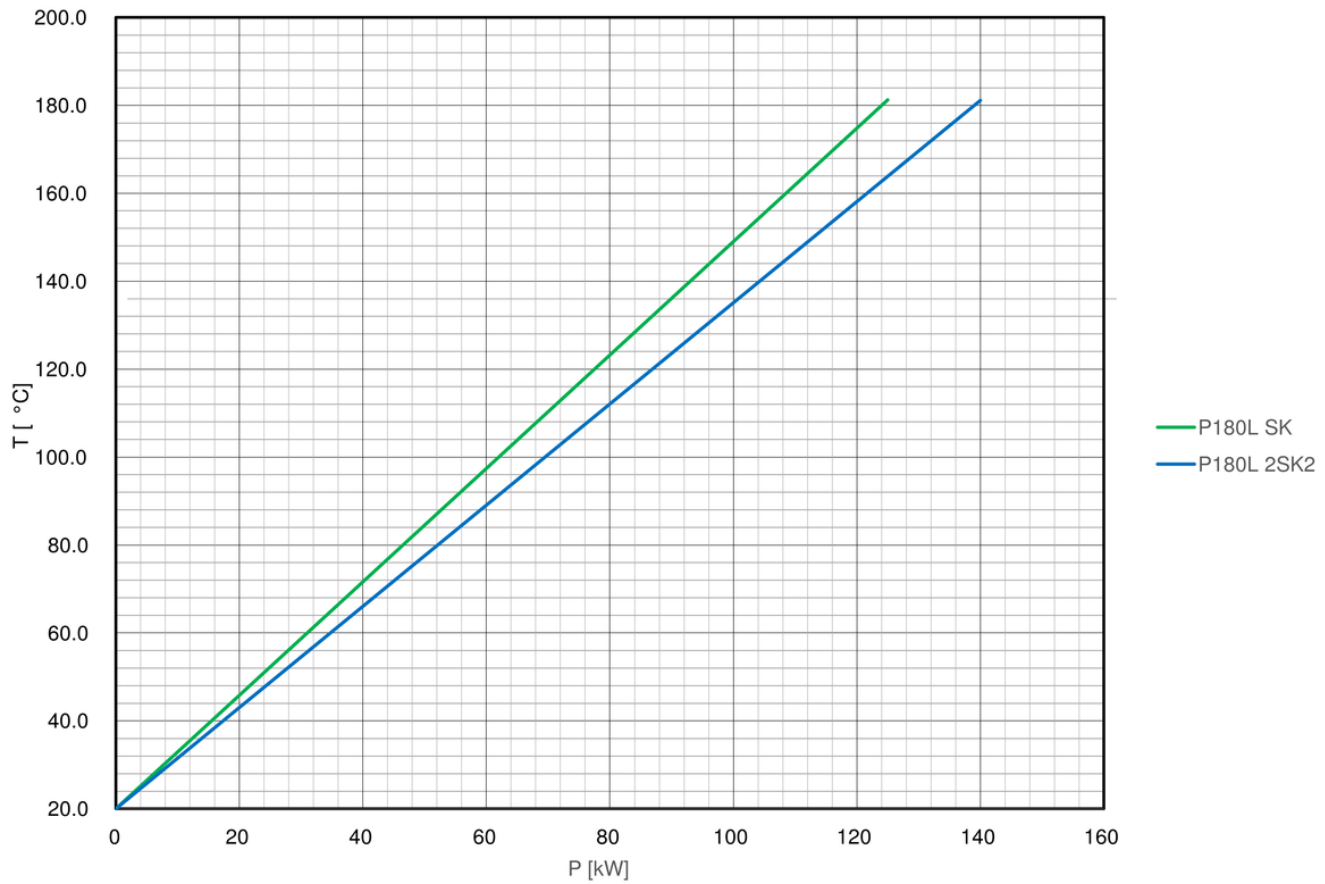
Options

- Electronic flow measurement
- RT100 control system

Pump curve



Cooling curve



Representation Switzerland

Injection Molding, Die Casting, other Applications