

P100L

Pressurised-water temperature control unit up to 100 °C

- Control system RT200
- Pump with high flow rate: 140 l/min
- Pressure control
- Direct cooling: maximum cooling capacity
- Solid-state relay instead of heating contactor



Technical specifications

Heat transfer medium	Outlet temperature	Heating capacity at 400V	Cooling capacity		Pump capacity/Type		
Water	100 °C	17 / 34 / 51 kW	90 °C	160 kW	CRI5	140 l/min	1.1 kW

Technical data

Outlet temperature		
max.	°C	100
Heat transfer medium		Water
Filling quantity	l	12
Expansion volume	l	-
Heating capacity at 400V	kW	17 / 34 / 51
Cooling capacity	kW	160
Cooler		DK
at outlet temperature	°C	90
at cooling water temperature	°C	20
Pump capacity/Type		CRI5
Flow rate max.	l/min	140
Power consumption	kW	1.1
Pressure max.	bar	5.4
Control system		RT100 / RT200
Measuring mode (standard)		Pt100
Operating voltage	V/Hz	380-415 V, 50 Hz 440-480 V, 60 Hz
Connections		
Outlet/Inlet		G1"/60°/Cone
Cooling water mains		G1/2"
Degree of protection		IP54
Dimensions W/H/D	mm	350/967/1366
Weight	kg	170
Color	RAL	9006/7016
Ambient temperature		
max.	°C	40
Noise level	db (A)	< 70

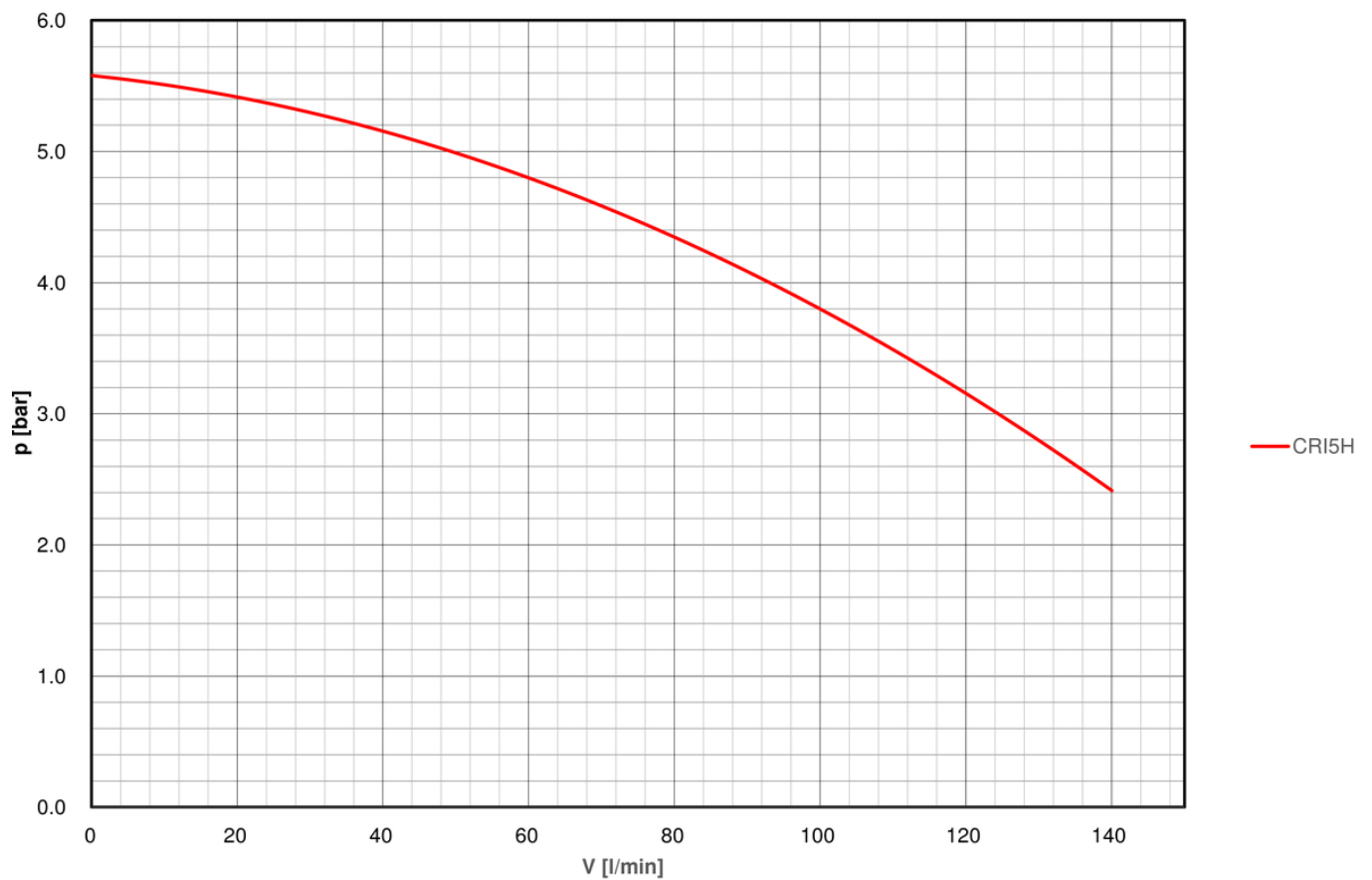
Standard equipment

- Solid-state relay (SSR) instead of heating contactor
- Filter in the main circuit
- Direct cooling (DK)
- Unit in IP54 protection degree
- Water circuit of non-rusting materials
- Automatic water refill
- Filter in cooling water circuit
- Pressure gauge for system pressure
- RT200 control system

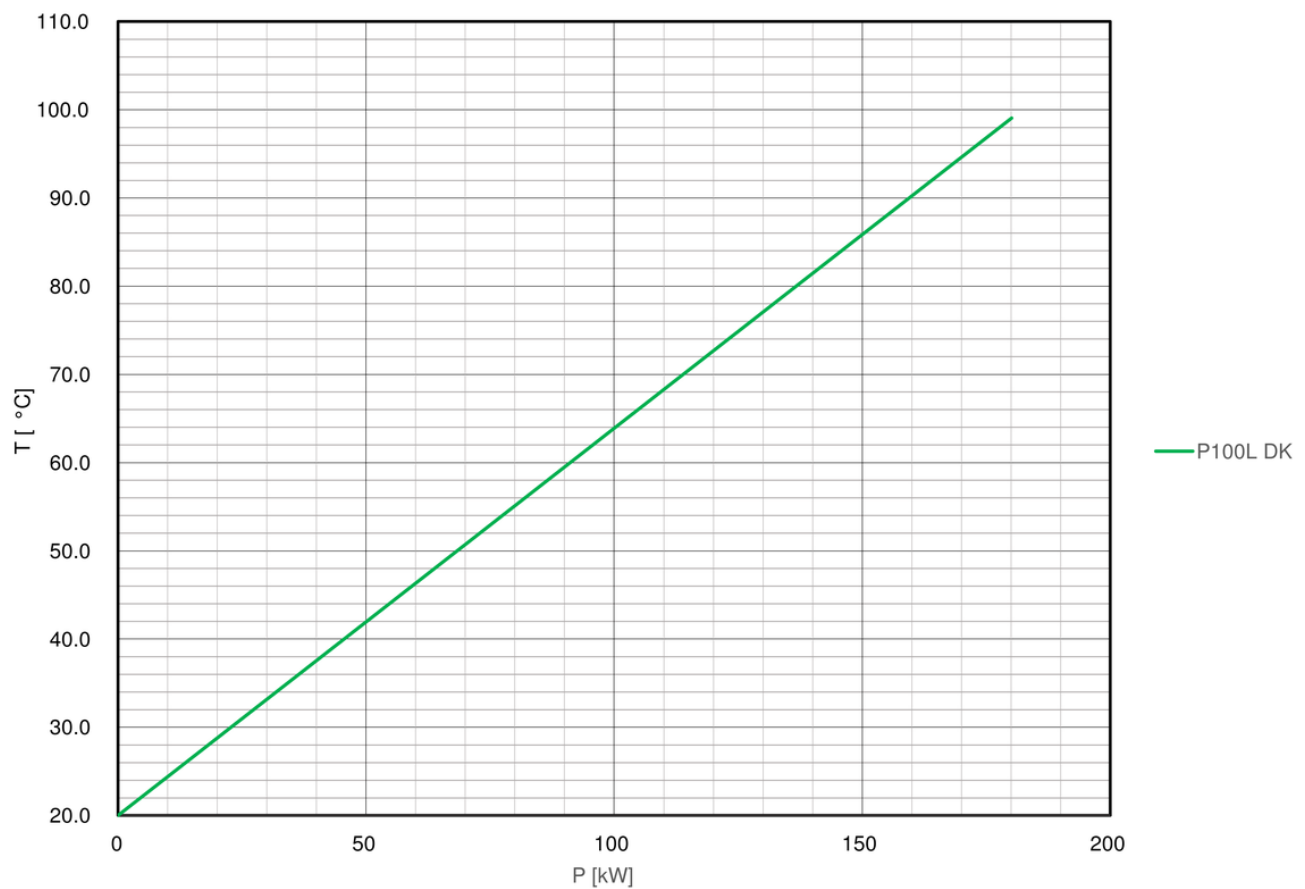
Options

- Electronic flow measurement
- RT100 control system

Pump curve



Cooling curve



Representation Switzerland

Injection Molding, Die Casting, other Applications

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