P160L

Pressurised-water temperature control unit up to 160 °C

- Control system RT200
- Pump with high flow rate: 140 l/min
- Low-scale 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	160 °C	17 / 34 / 51 kW	150 °C 150 °C	101 kW 112 kW	CRI5	140 l/min	1.1 kW

Technical data

Outlet temperature			
max.	°C	160	
Heat transfer medium		Water	
Filling quantity	l	12	
Expansion volume	l	-	
Heating capacity at 400V	kW	17 / 34 / 51	
Cooling capacity	kW	101	112
Cooler		SK	2SK
at outlet temperature	°C	150	150
at cooling water temperature	°C	20	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	

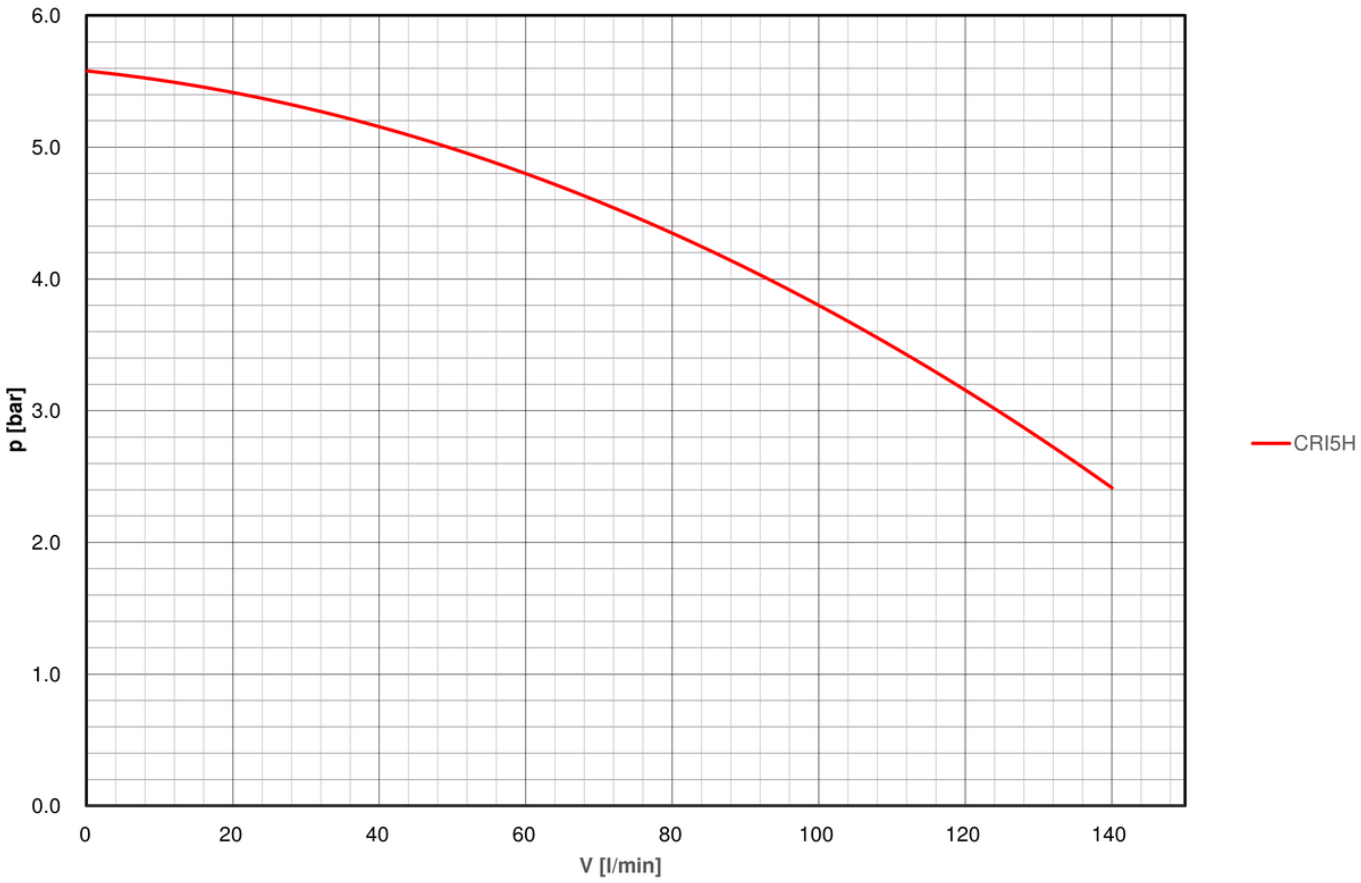
Standard equipment

- Solid-state relay (SSR) instead of heating contactor
- 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

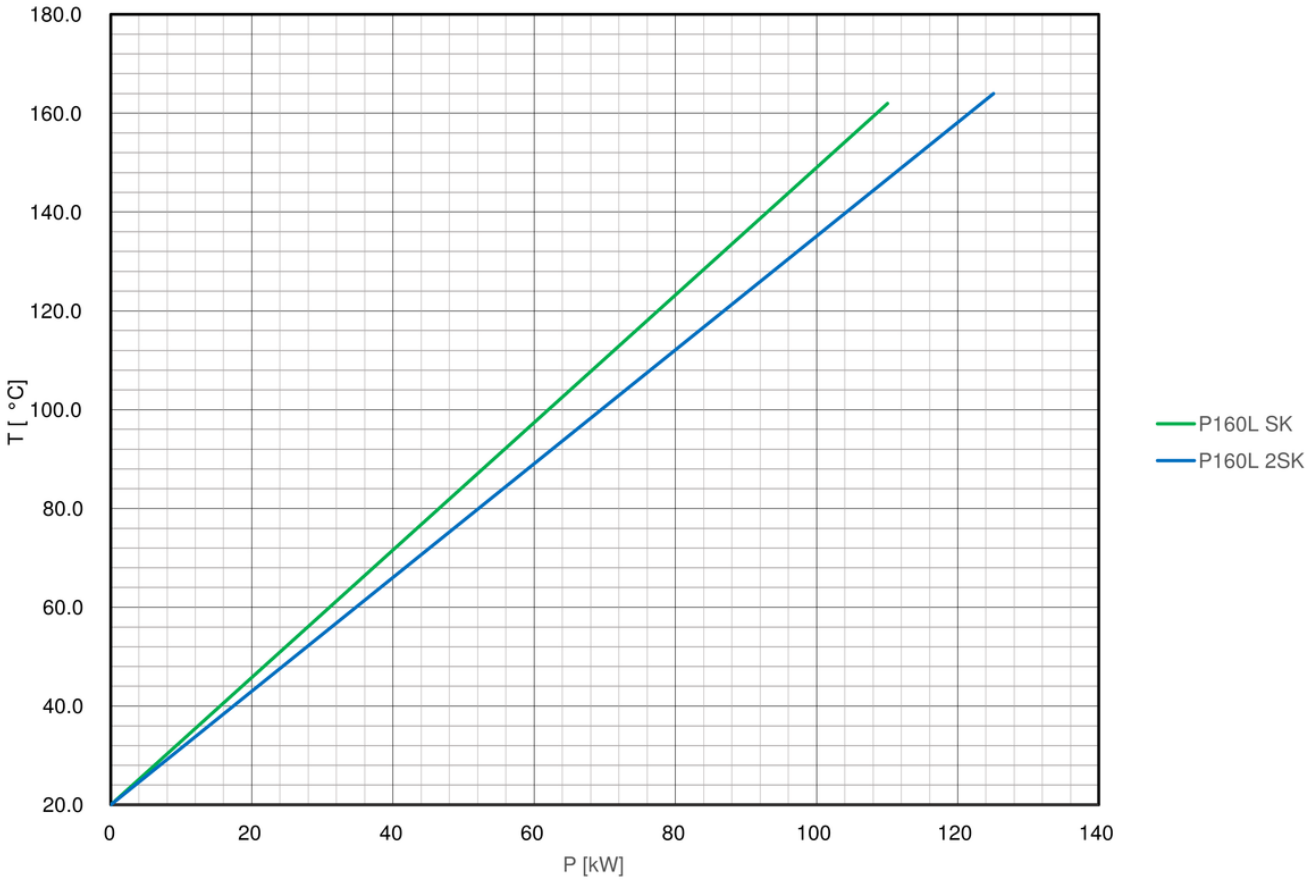
Options

- Electronic flow measurement
- RT100 control system

Pump curve



Cooling curve



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