

90XL

The temperature control unit for water up to 90 °C

- Control system RT200
- Pump with high flow rate: 200 l/min
- High heating capacity up to 60 kW
- Direct cooling



Technical specifications

Heat transfer medium	Outlet temperature	Heating capacity at 400V	Cooling capacity	Pump capacity/Type		
Water	90 °C	20 / 40 / 60 kW	80 °C 160 kW	CR 5-3	140 l/min	0.55 kW
				CR5-8	140 l/min	1.1 kW
				CR10-4	200 l/min	1.5 kW
				CR 10-8	200 l/min	3.0 kW

Technical data

Outlet temperature					
max.	°C	90			
Heat transfer medium		Water			
Filling quantity	l	36.5			
Expansion volume	l	5.5			
Heating capacity at 400V	kW	20 / 40 / 60			
Cooling capacity	kW	160			
Cooler		DK			
at outlet temperature	°C	80			
at cooling water temperature	°C	20			
Pump capacity/Type		CR 5-3	CR5-8	CR10-4	CR 10-8
Flow rate max.	l/min	140	140	200	200
Power consumption	kW	0.55	1.1	1.5	3.0
Pressure max.	bar	2.0	5.4	4.4	8.7
Control system		RT100 / RT200			
Measuring mode (standard)		Pt100			
Operating voltage	V/Hz	200-600 V, 50/60 Hz			
Connections					
Outlet/Inlet		G1 1/2"IG			
Cooling water mains		G3/4"			
Degree of protection		IP54			
Dimensions W/H/D	mm	436/1357/1387			
Weight	kg	229-275			
Color	RAL	9006/7016			
Ambient temperature					
max.	°C	40			
Noise level	db (A)	< 70			

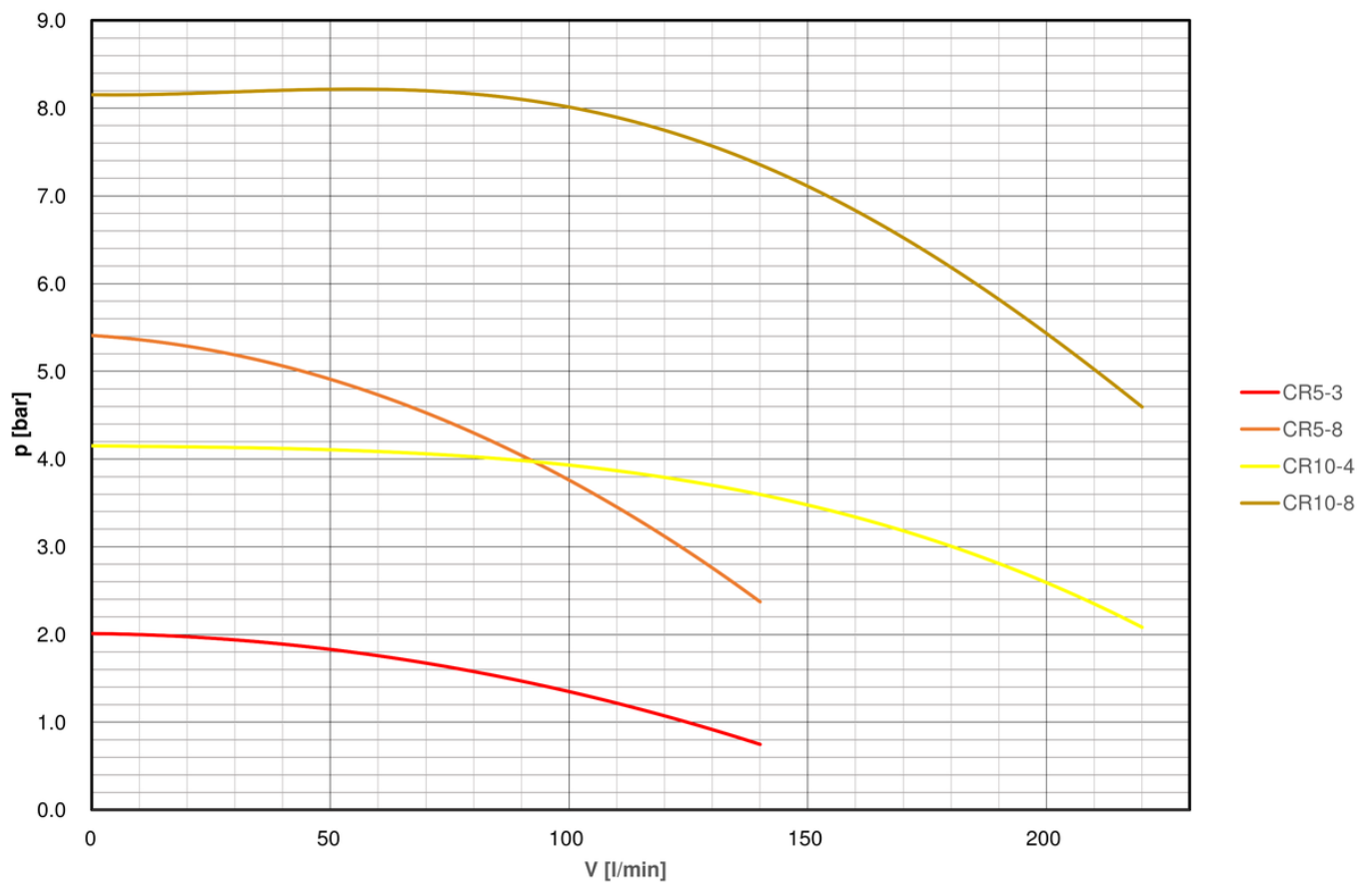
Standard equipment

- Hand valve in inlet and outlet
- Filter in cooling water circuit
- Water circuit of non-rusting materials
- Automatic water refill
- Solid-state relay (SSR) instead of heating contactor
- Unit in IP54 protection degree
- Direct cooling (DK)
- RT200 control system

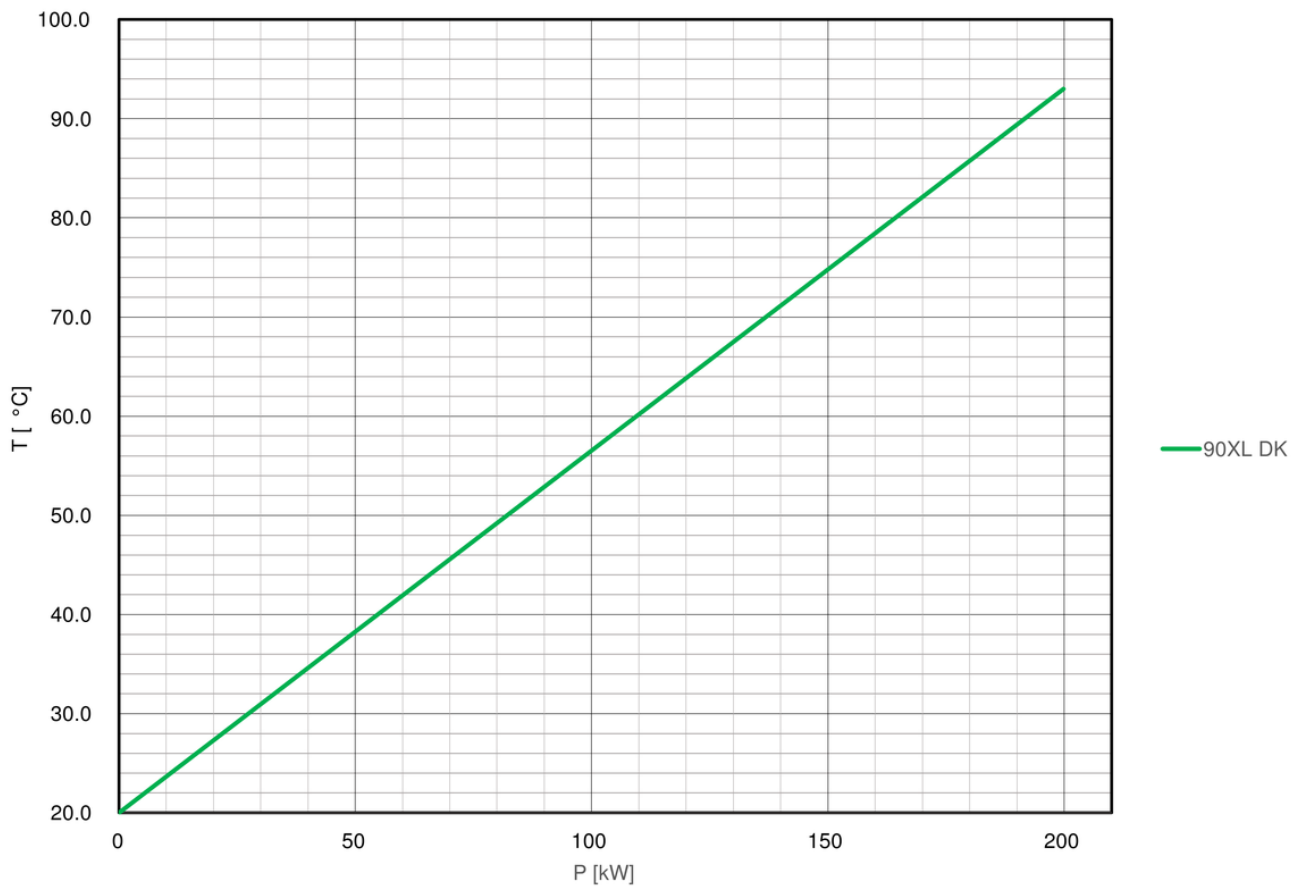
Options

- Electronic flow measurement
- Leak-free pump
- RT100 control system

Pump curve



Cooling curve



Representation Switzerland

Injection Molding, Die Casting, other Applications

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