

REGLOPLAS

every degree counts.



# 90XL

The temperature control unit for water up to 90 °C

## 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		
			80 °C	160 kW			
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

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

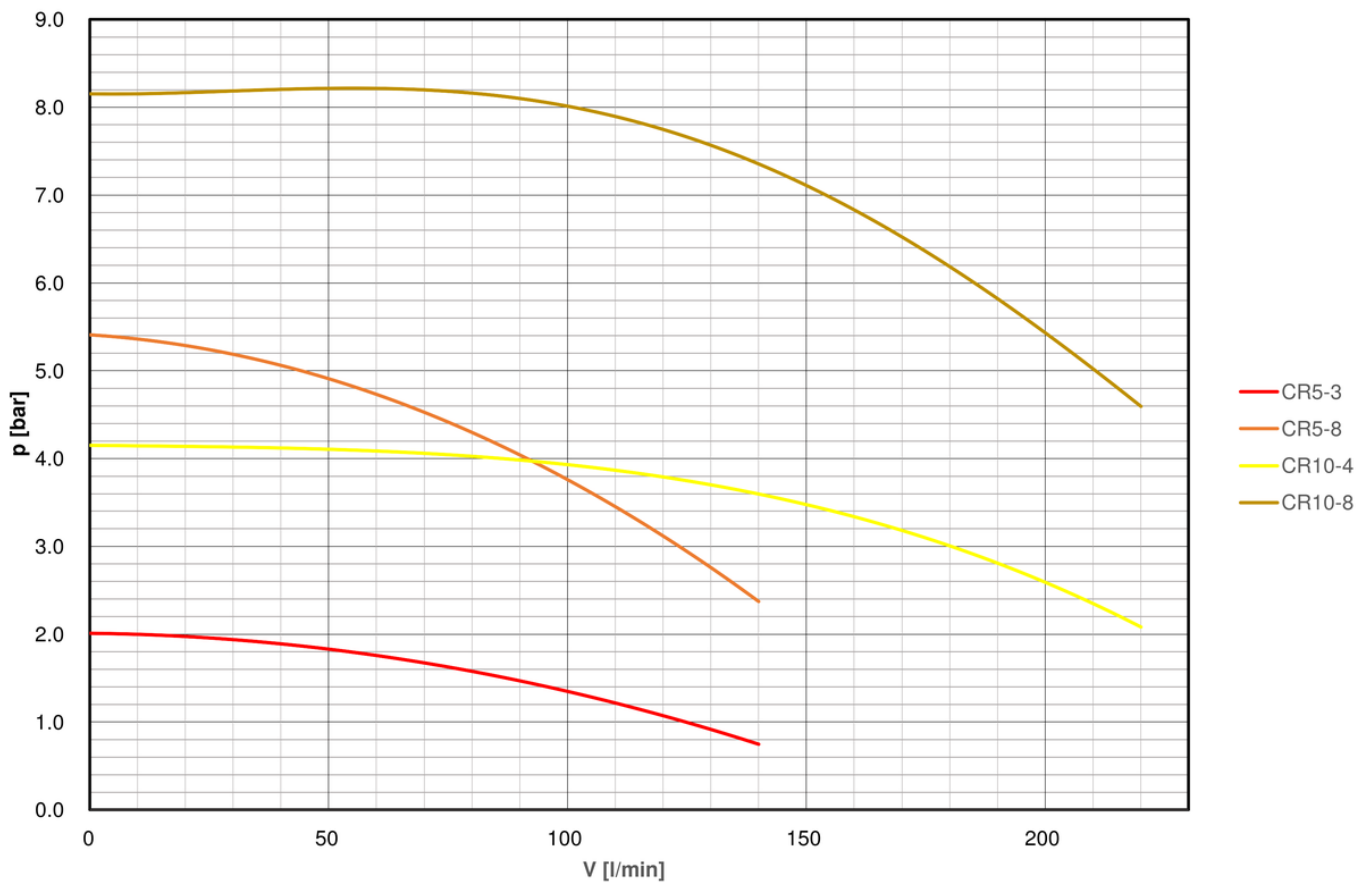
## Standard equipment

- 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

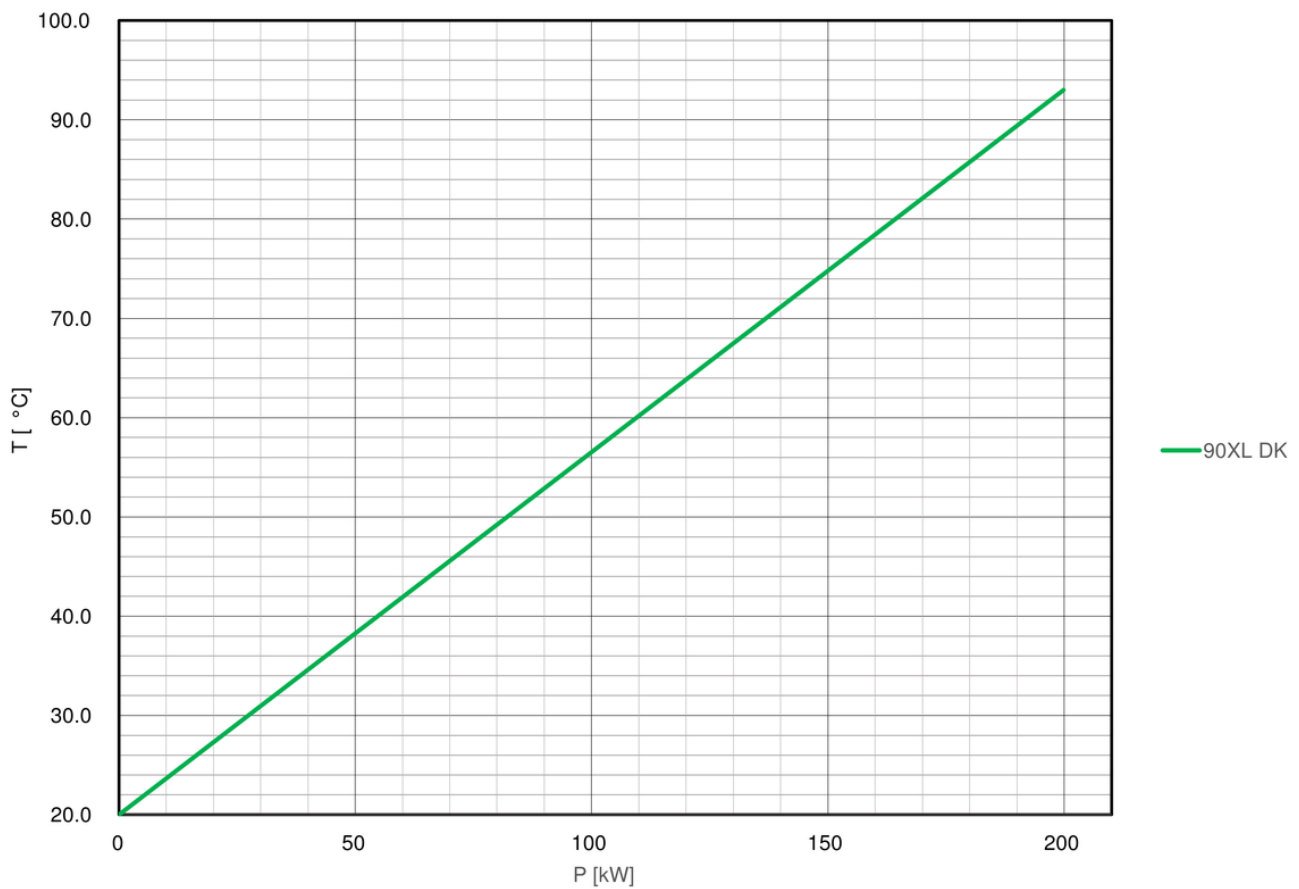
- Electronic flow measurement
- Leak-free pump
- RT100 control system

## Pump curve



## Cooling curve

---



## Representation Switzerland

---

Injection Molding, Die Casting, other Applications