

REGLOPLAS

every degree counts.



P100XS

Pressurised-water temperature control unit for plastic injection moulding applications used in micro injection moulding machines up to 100 °C

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- Control system RT200
- Pump with high flow rate: 11 l/min
- Direct cooling



Technical specifications

Heat transfer medium	Outlet temperature	Heating capacity at 400V	Cooling capacity	Pump capacity/Type		
Water	100 °C	3 kW	90 °C 32 kW	SG10	11 l/min	0.14 kW

Technical data

Outlet temperature		
max.	100	°C
Heat transfer medium		
Filling quantity	Water	l
Expansion volume	0.5	l
Heating capacity at 400V		
	3	kW
Cooling capacity		
Cooler	DK	kW
at outlet temperature	90	°C
at cooling water temperature	20	°C
Pump capacity/Type		
Flow rate max.	SG10	l/min
Power consumption	11	kW
Pressure max.	0.14	bar
Control system		
Measuring mode (standard)	RT100 / RT200	
	Pt100	
Operating voltage		
	400 V, 50 Hz, 3 PE	V/Hz
Connections		
Outlet/Inlet	G3/8"	
Cooling water mains	G1/4"	
Degree of protection		
	IP54	
Dimensions W/H/D		
	143/420/520	mm
Weight		
	25	kg
Color		
	9006	RAL
Ambient temperature		
max.	40	°C
Noise level		
	< 70	db (A)

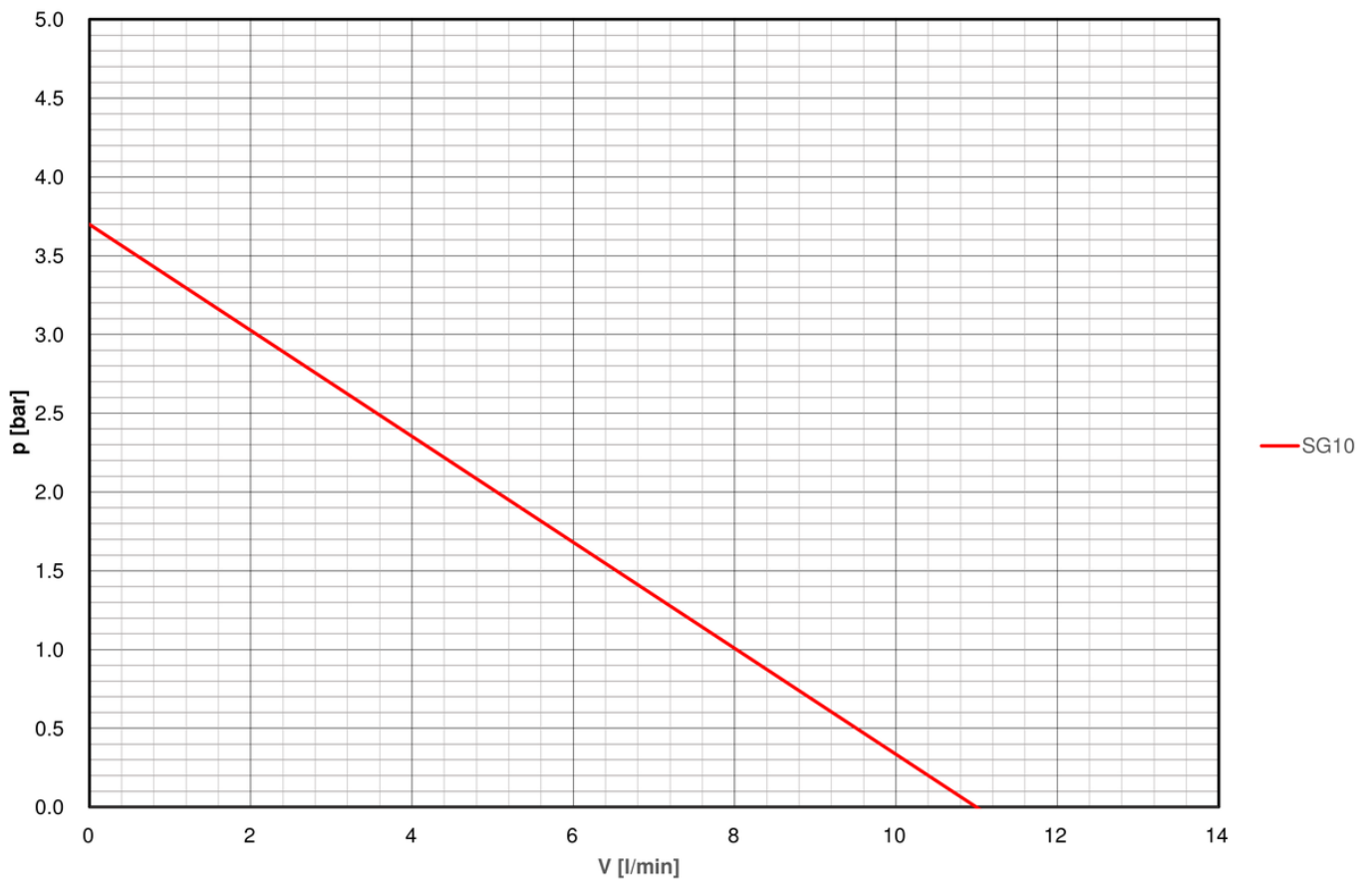
Standard equipment

- Solid-state relay (SSR) instead of heating contactor
- Filter in the main circuit
- Filter in cooling water circuit
- Automatic water refill
- Leak-free pump
- Direct cooling (DK)
- Unit in IP54 protection degree
- RT200 control system

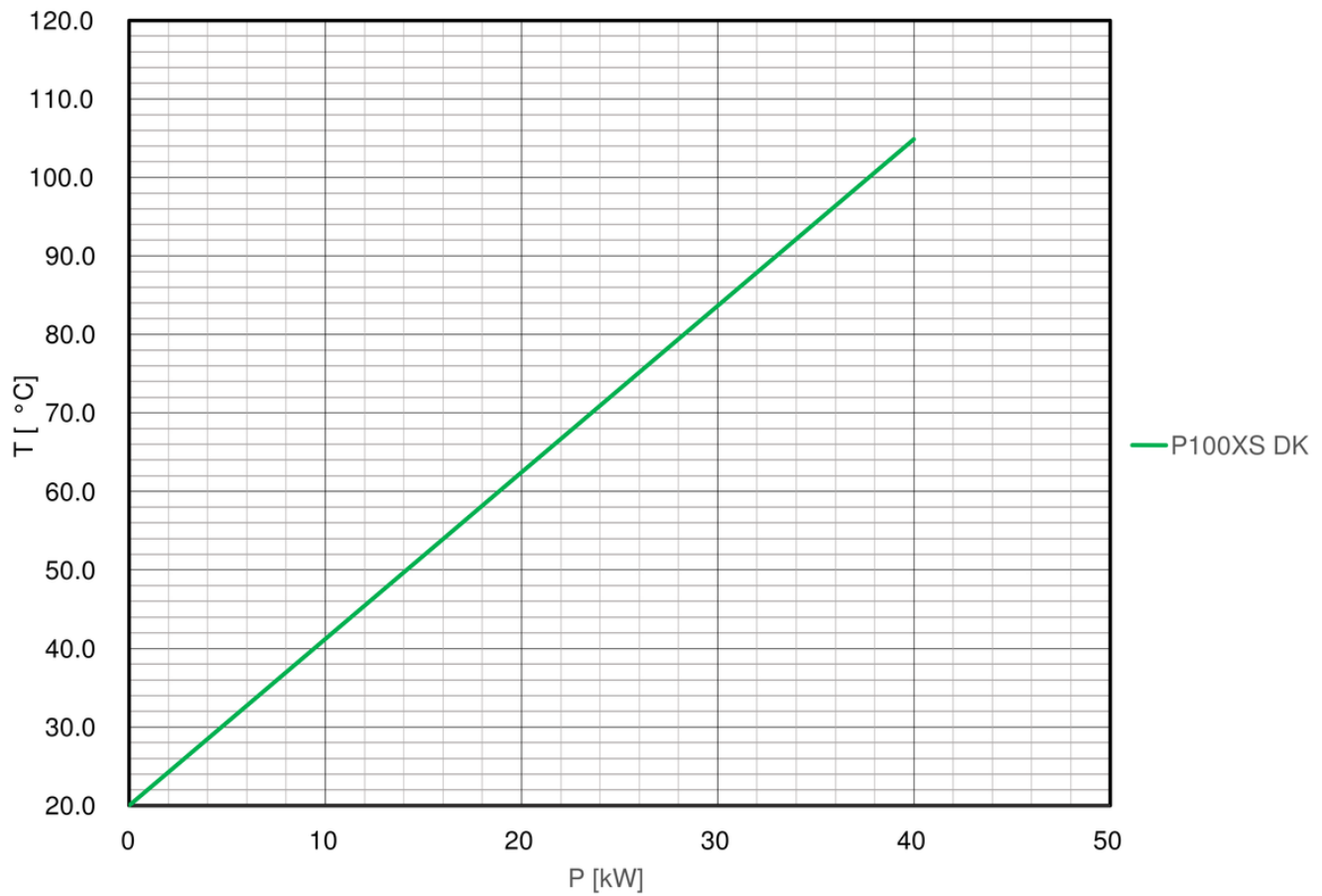
Options

- Hand valve in inlet and outlet
- RT100 control system

Pump curve



Cooling curve



Representation Switzerland

Injection Molding, Die Casting, other Applications