

P100XS

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

- Control system RT200 or RT100
- 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.	°C	100
Heat transfer medium		Water
Filling quantity	l	0.5
Expansion volume	l	-
Heating capacity at 400V	kW	3
Cooling capacity	kW	32
Cooler		DK
at outlet temperature	°C	90
at cooling water temperature	°C	20
Pump capacity/Type		SG10
Flow rate max.	l/min	11
Power consumption	kW	0.14
Pressure max.	bar	3.7
Control system		RT100 / RT200
Measuring mode (standard)		Pt100
Operating voltage	V/Hz	400 V, 50 Hz, 3 PE
Connections		
Outlet/Inlet		G3/8"
Cooling water mains		G1/4"
Degree of protection		IP54
Dimensions W/H/D	mm	143/420/520
Weight	kg	25
Color	RAL	9006
Ambient temperature		
max.	°C	40
Noise level	db (A)	< 70

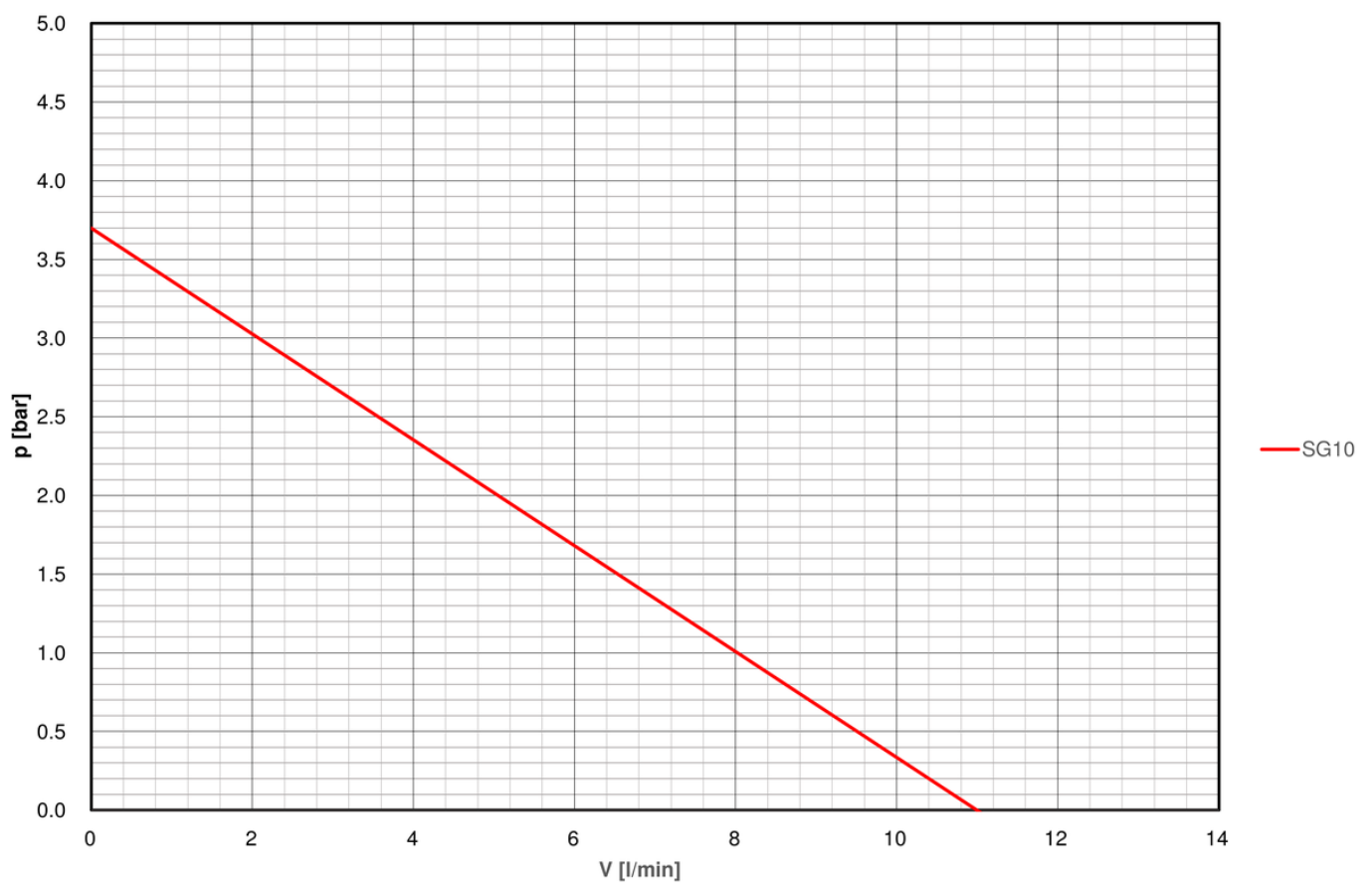
Standard equipment

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

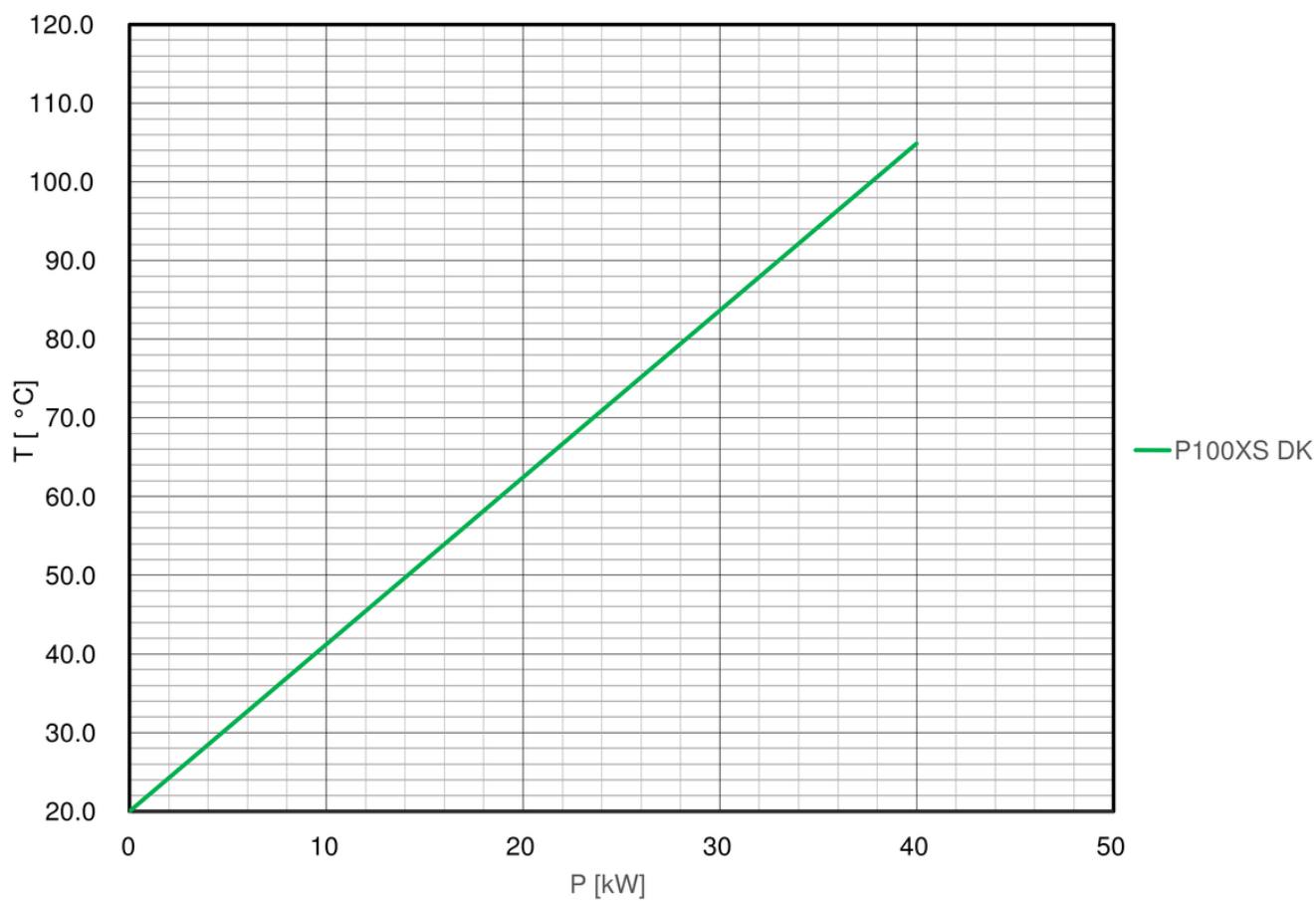
Options

- Hand valve in inlet and outlet

Pump curve



Cooling curve



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