



P100smart

Temperature control unit for water up to 100 °C

P100smart

Temperature control unit for water up to 100 °C

- RT70 control system with 3.5" TFT display
- Pump with high flow rate: 40 l/min
- Leak-free pump with magnetic coupling



Technical specifications

Heat transfer medium	Outlet temperature	Heating capacity at 400V	Cooling capacity		Pump capacity/Type		
			90 °C	145 kW	SM22	40 l/min	0.5 kW
Water	100 °C	8 kW					

Technical data

Outlet temperature		
max.	100	°C
Heat transfer medium		
Filling quantity	1.0	l
Expansion volume	-	l
Heating capacity at 400V		
	8	kW
Cooling capacity		
	145	kW
Cooler	DK	
at outlet temperature	90	°C
at cooling water temperature	20	°C
Pump capacity/Type		
	SM22	
Flow rate max.	40	l/min
Power consumption	0.5	kW
Pressure max.	5.0	bar
Control system		
	RT70	
Measuring mode (standard)	Pt100	
Operating voltage		
	380-480 V, 50/60 Hz	V/Hz
Connections		
Outlet/Inlet	G1/2"	
Cooling water mains	G1/2"	
Degree of protection		
	IP40	
Dimensions W/H/D		
	233/595/746	mm
Weight		
	50	kg
Color		
	9006/7016	RAL
Ambient temperature		
max.	40	°C
Noise level		
	< 70	db (A)

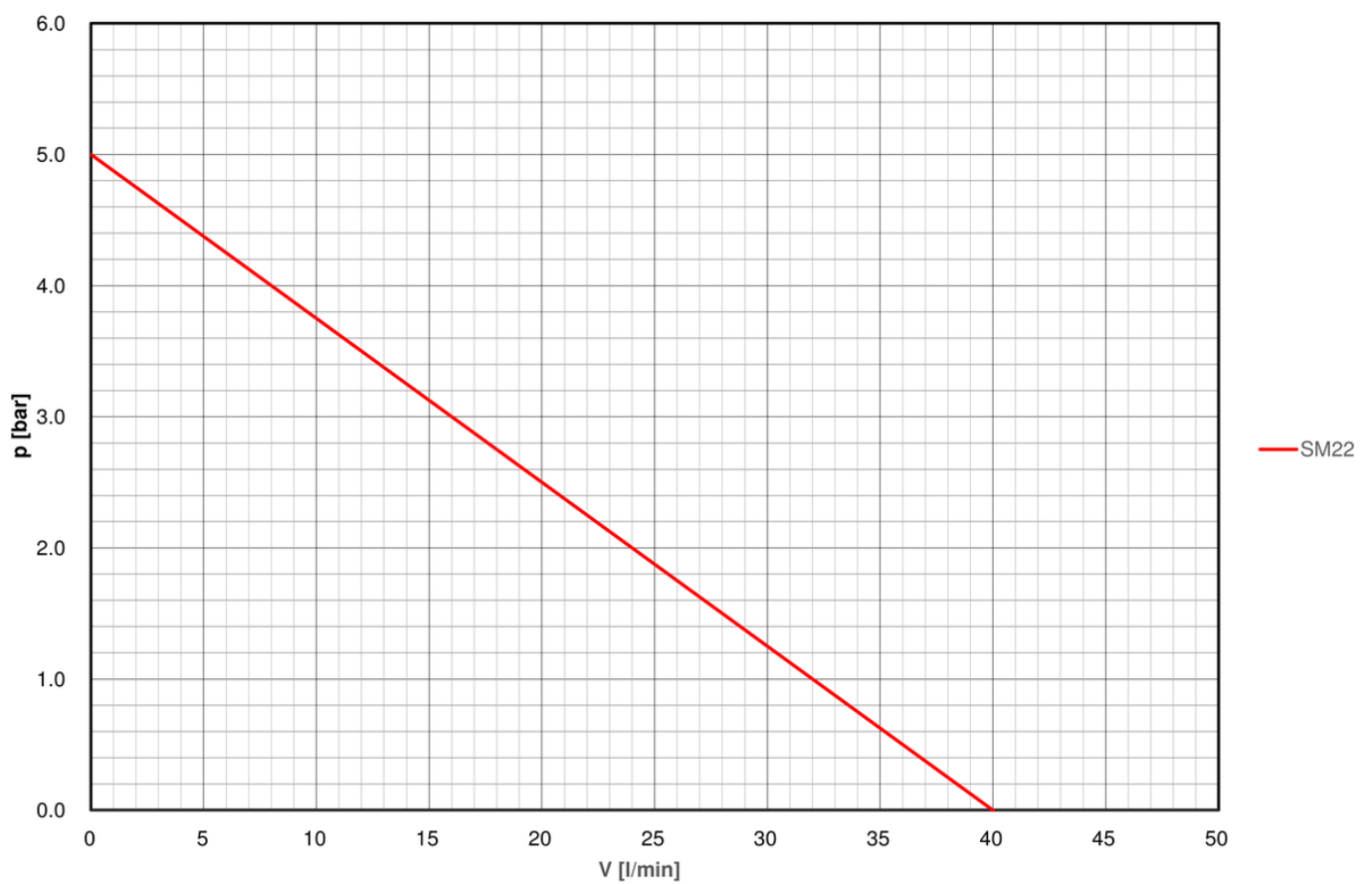
Standard equipment

- RT70 control system with 3.5" TFT display
- Solid-state relay (SSR) instead of heating contactor
- Filter in the main circuit
- Automatic water refill
- Leak-free pump
- Direct cooling (DK)
- Unit in IP40 protection degree

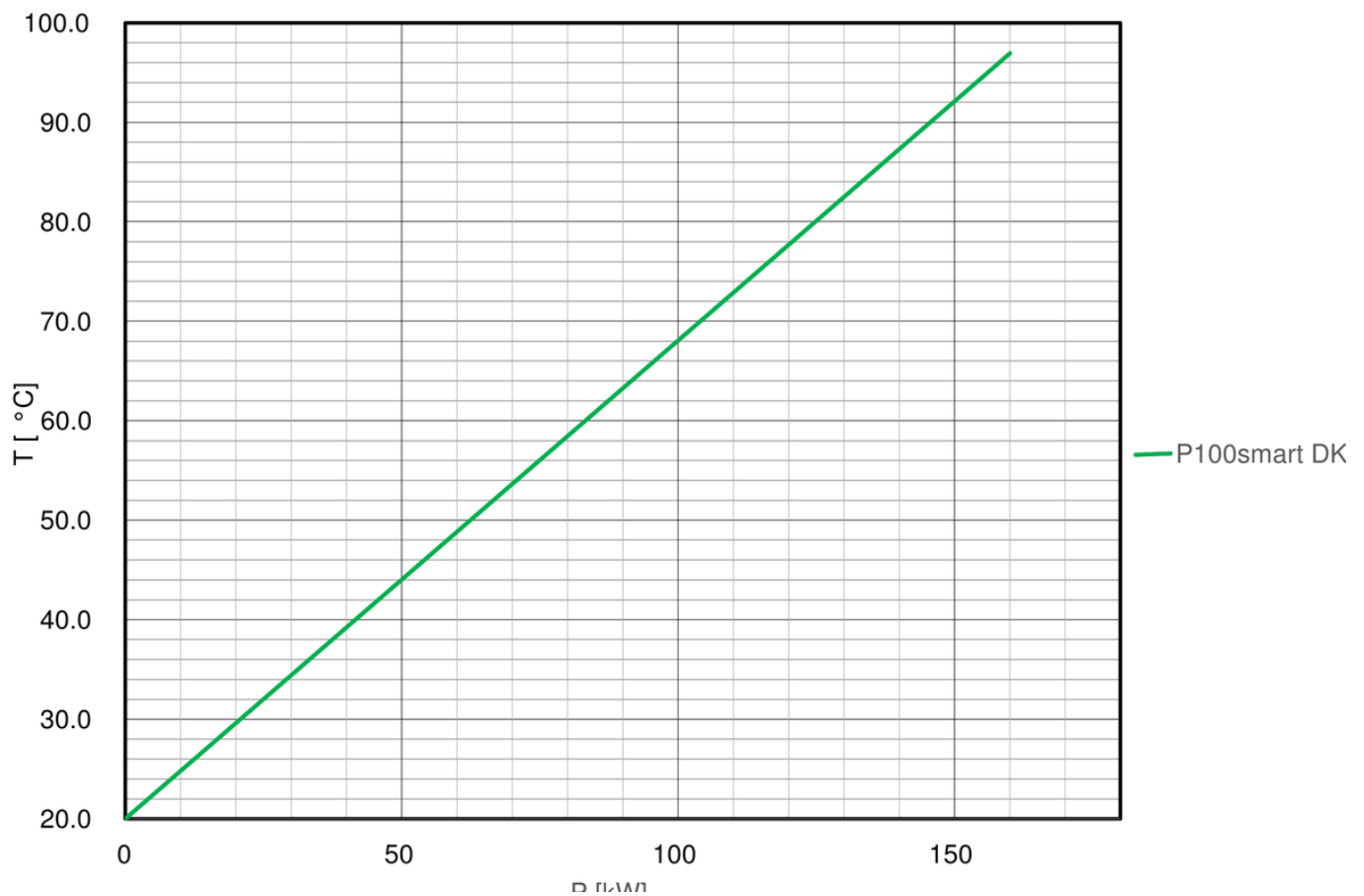
Options

- Electronic flow measurement

Pump curve



Cooling curve



Representation Slovenia

Injection Molding, Die Casting, other Applications

Uniplast Inzeniring d.o.o
Pod Hruševco 46c,
1360 Vrhnika
Slovenia

Tel + 38 61 5659 440
Email info@uniplast.si