

300S

The temperature control unit for thermal oil up to 300 °C

- Control system RT200
- Pump with high flow rate: 60 l/min
- Heating capacity 6 kW



Technical specifications

Heat transfer medium	Outlet temperature	Heating capacity at 400V	Cooling capacity		Pump capacity/Type		
Oil	300 °C	6 kW	280 °C	70 kW	FM25	60 l/min	1.0 kW

Technical data

Outlet temperature		
max.	°C	300
Heat transfer medium		Oil
Filling quantity	l	6.0
Expansion volume	l	7.0
Heating capacity at 400V	kW	6
Cooling capacity	kW	70
Cooler		1K
at outlet temperature	°C	280
at cooling water temperature	°C	20
Pump capacity/Type		FM25
Flow rate max.	l/min	60
Power consumption	kW	1.0
Pressure max.	bar	6.0
Control system		RT200
Operating voltage	V/Hz	200-600 V, 50/60 Hz
Connections		
Outlet/Inlet		G1/2"
Cooling water mains		G1/2"
Degree of protection		IP54
Dimensions W/H/D	mm	322/758/909
Weight	kg	87
Color	RAL	9006/7016
Ambient temperature		
max.	°C	40
Noise level	db (A)	< 70

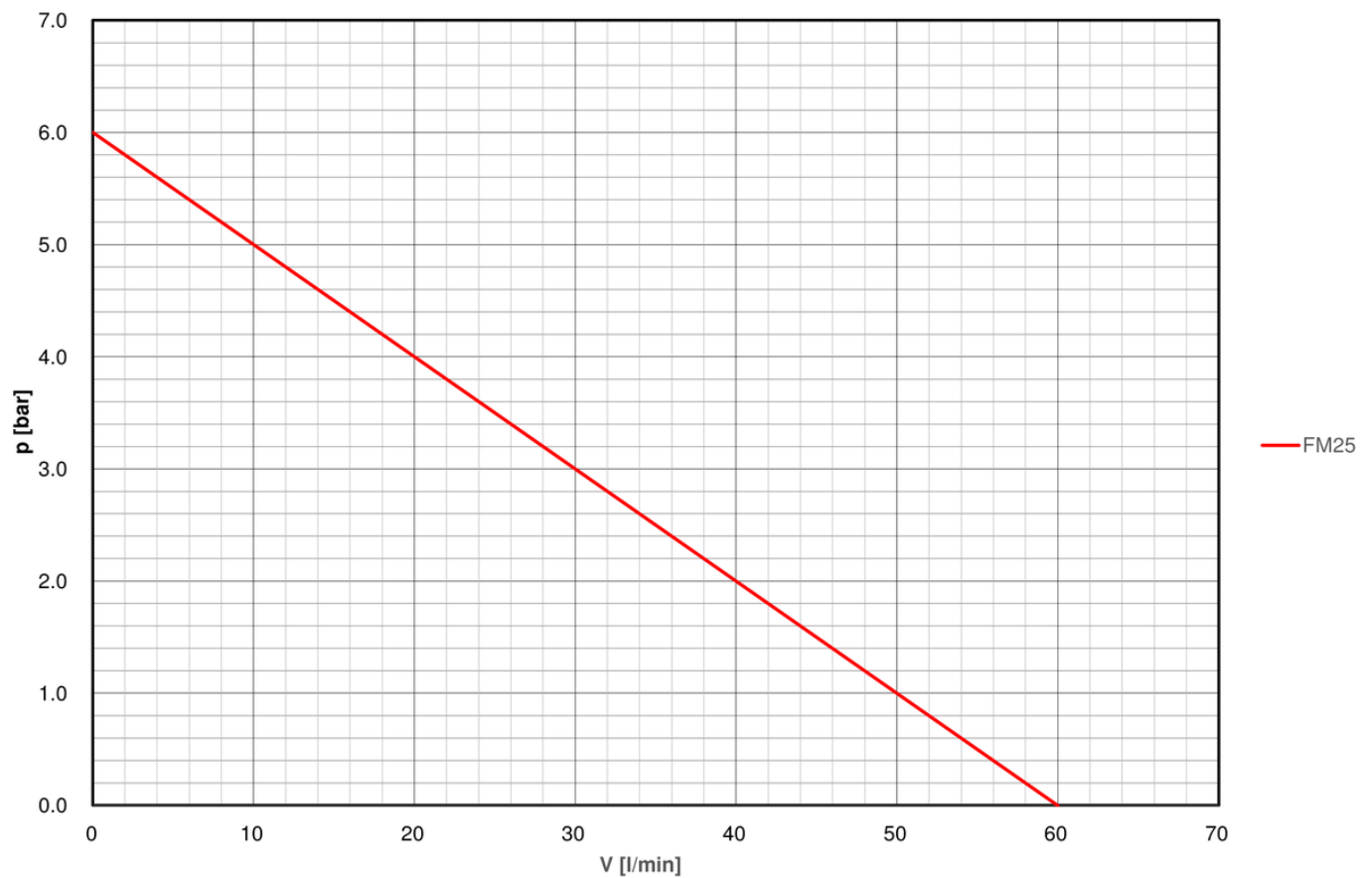
Standard equipment

- Solid-state relay (SSR) instead of heating contactor
- Unit in IP54 protection degree
- Leak-free pump
- Filter in the main circuit
- Filter in cooling water circuit
- Water circuit of non-rusting materials
- Pressure gauge outlet
- Pressure gauge inlet
- RT200 control system

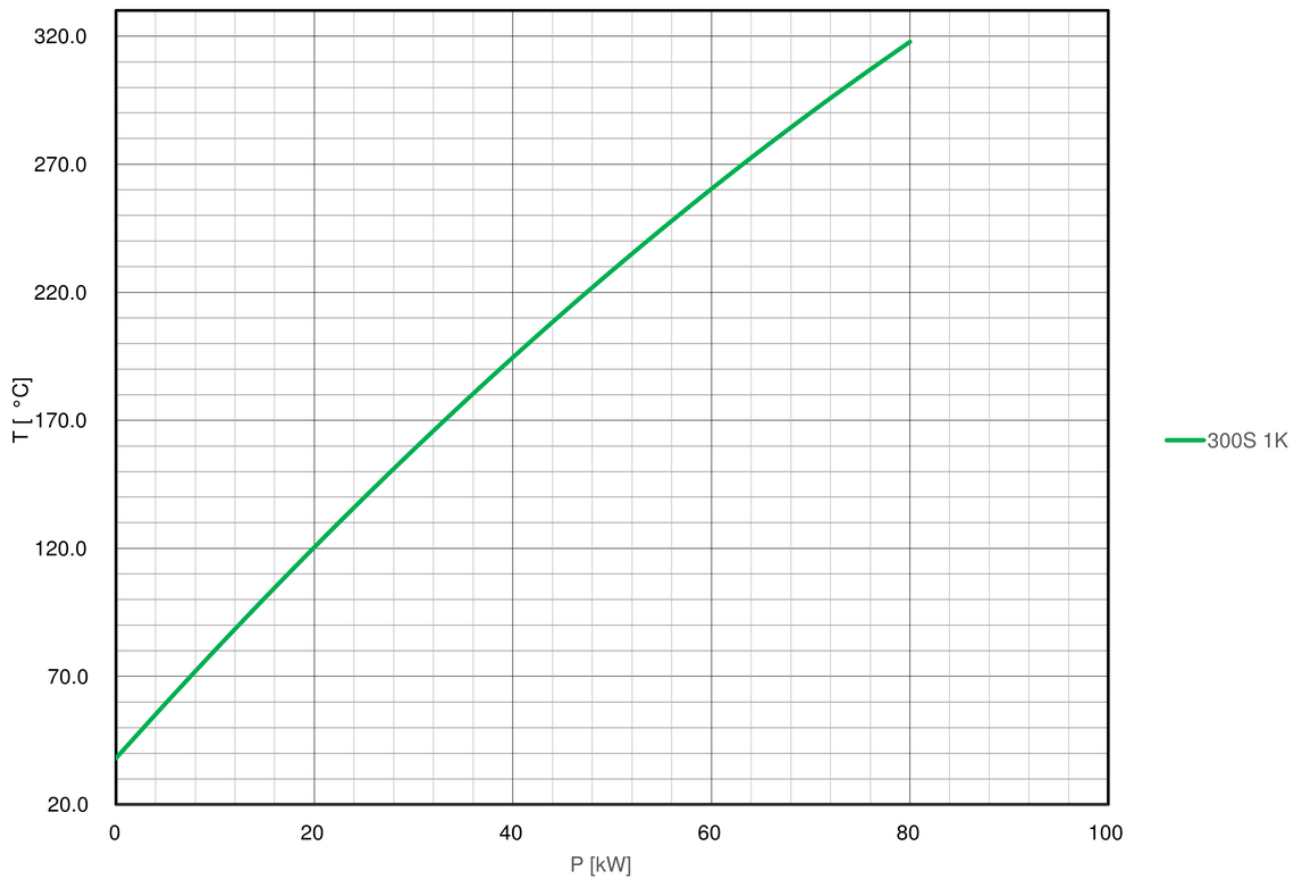
Options

- Electronic flow measurement
- Optional with RT200 control system
- RT100 control system

Pump curve



Cooling curve



Representation Switzerland

Injection Molding, Die Casting, other Applications

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