



150smart

The temperature control unit for oil up to 150 °C and water up to 90 °C

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- RT70 control system with 3.5" TFT display
- Immersion pump with high flow rate: 60 l/min
- Immersion pump with high flow rate, optional 70 l/min
- Solid-state relay instead of heating contactor



Technical specifications

Heat transfer medium		Outlet temperature		Heating capacity at 400V	Cooling capacity	Pump capacity/Type			
Water	Oil	90 °C	150 °C	6 / 9 kW	80 °C	38 kW	TP20	60 l/min	0.5 kW
					80/140 °C	29 kW	TS22	70 l/min	0.92 kW

Technical data

Outlet temperature			
max.	90	150	°C
Heat transfer medium	Water	Oil	
Filling quantity	7.5	7.5	l
Expansion volume	4.5	4.5	l
Heating capacity at 400V	6 / 9		kW
Cooling capacity	38	29	kW
Cooler	1K	1K	
at outlet temperature	80	80/140	°C
at cooling water temperature	20	20	°C
Pump capacity/Type	TP20	TS22	
Flow rate max.	60	70	l/min
Power consumption	0.5	0.92	kW
Pressure max.	3.8	5.4	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	202/560/661		mm
Weight	50		kg
Color	9006/7016		RAL
Ambient temperature			
max.	40		°C
Noise level	< 70		db (A)

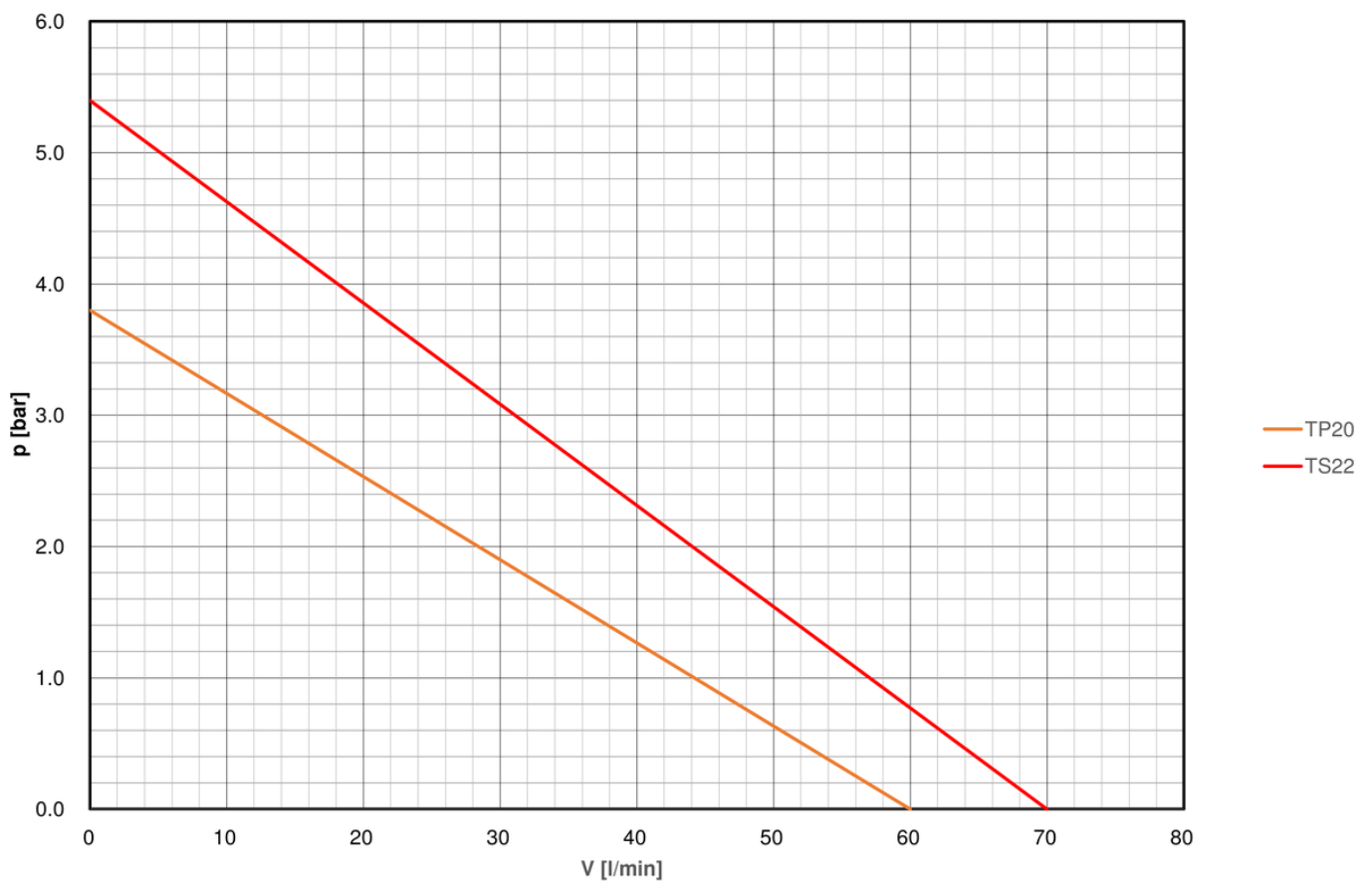
Standard equipment

- Solid-state relay (SSR) instead of heating contactor
- Immersion pump
- Indirect cooling
- Filler neck
- Filter in cooling water circuit
- Draining the consumer by suction
- Unit in IP40 protection degree

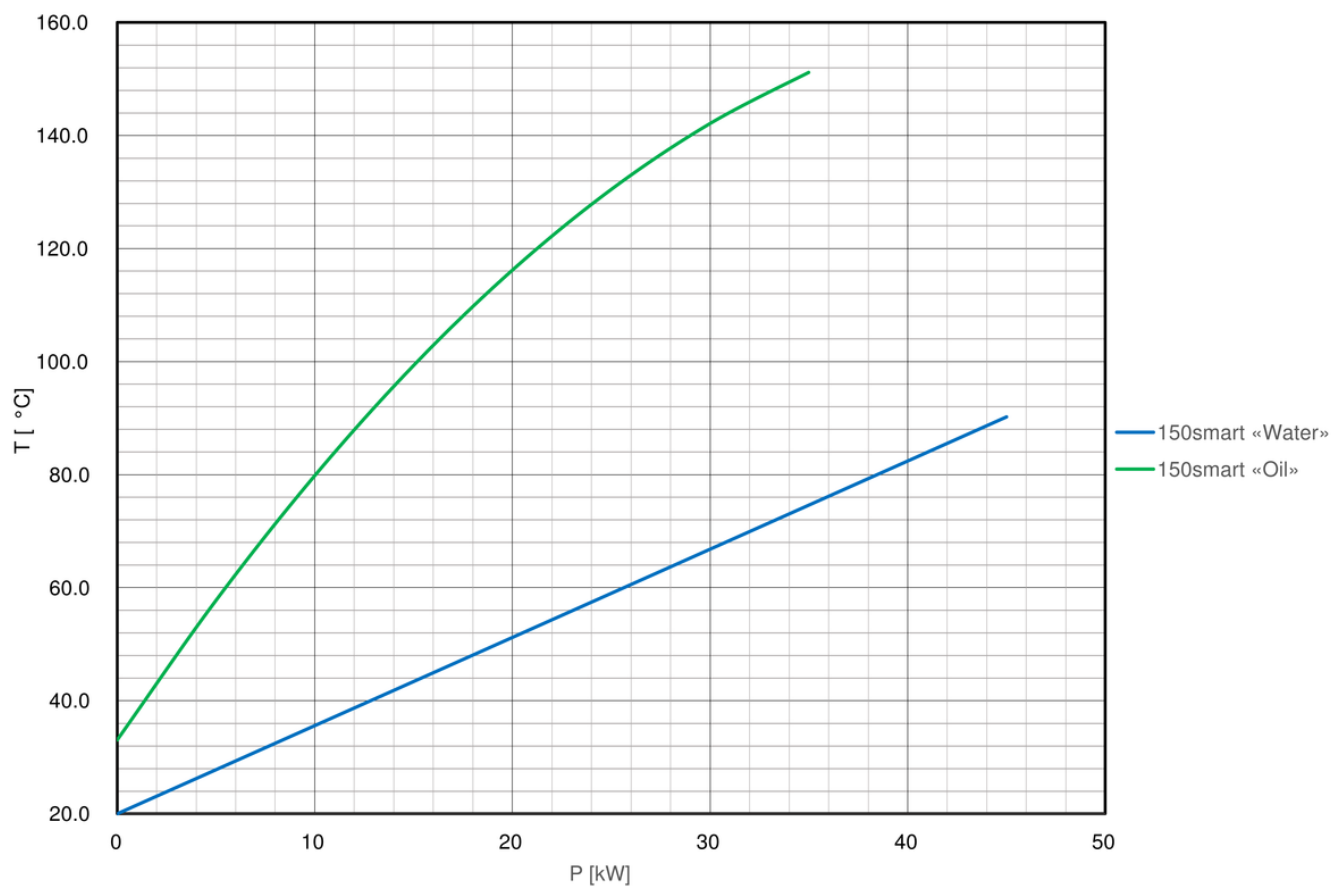
Options

- Magnetic valve in inlet, one way check-valve in outlet
- Electronic flow measurement

Pump curve



Cooling curve



Representation Slovenia

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