



350L

The temperature control unit for thermal oil up to 350 °C

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- Control system RT200
- High heating capacity max. 20 kW
- Pump with high flow rate: 90 l/min
- Leak-free pump with magnetic coupling
- Solid-state relay instead of heating contactor



Technical specifications

Heat transfer medium	Outlet temperature	Heating capacity at 400V	Cooling capacity	Pump capacity/Type		
Oil	350 °C	20 kW	280 °C 30 kW 280 °C 85 kW	FM65	90 l/min	2.8 kW

Technical data

Outlet temperature			
max.	350		°C
Heat transfer medium			
	Oil		
Filling quantity	15.0		l
Expansion volume	20.0		l
Heating capacity at 400V			kW
Cooling capacity	30	85	kW
Cooler	1K	2K	
at outlet temperature	280	280	°C
at cooling water temperature	20	20	°C
Pump capacity/Type			
	FM65		
Flow rate max.	90		l/min
Power consumption	2.8		kW
Pressure max.	9.5		bar
Control system			
	RT100 / RT200		
Measuring mode (standard)	Pt100		
Operating voltage			V/Hz
	3 x 400 V, 50/60 Hz		
Connections			
Outlet/Inlet	G3/4" IG		
Cooling water mains	SK / 2SK: G 1/2", 3SK: G3/4"		
Degree of protection			
	IP54		
Dimensions W/H/D			mm
	546/1621/1465		
Weight			kg
	323		
Color			RAL
	9006/7016		
Ambient temperature			
max.	40		°C
Noise level			db (A)
	< 70		

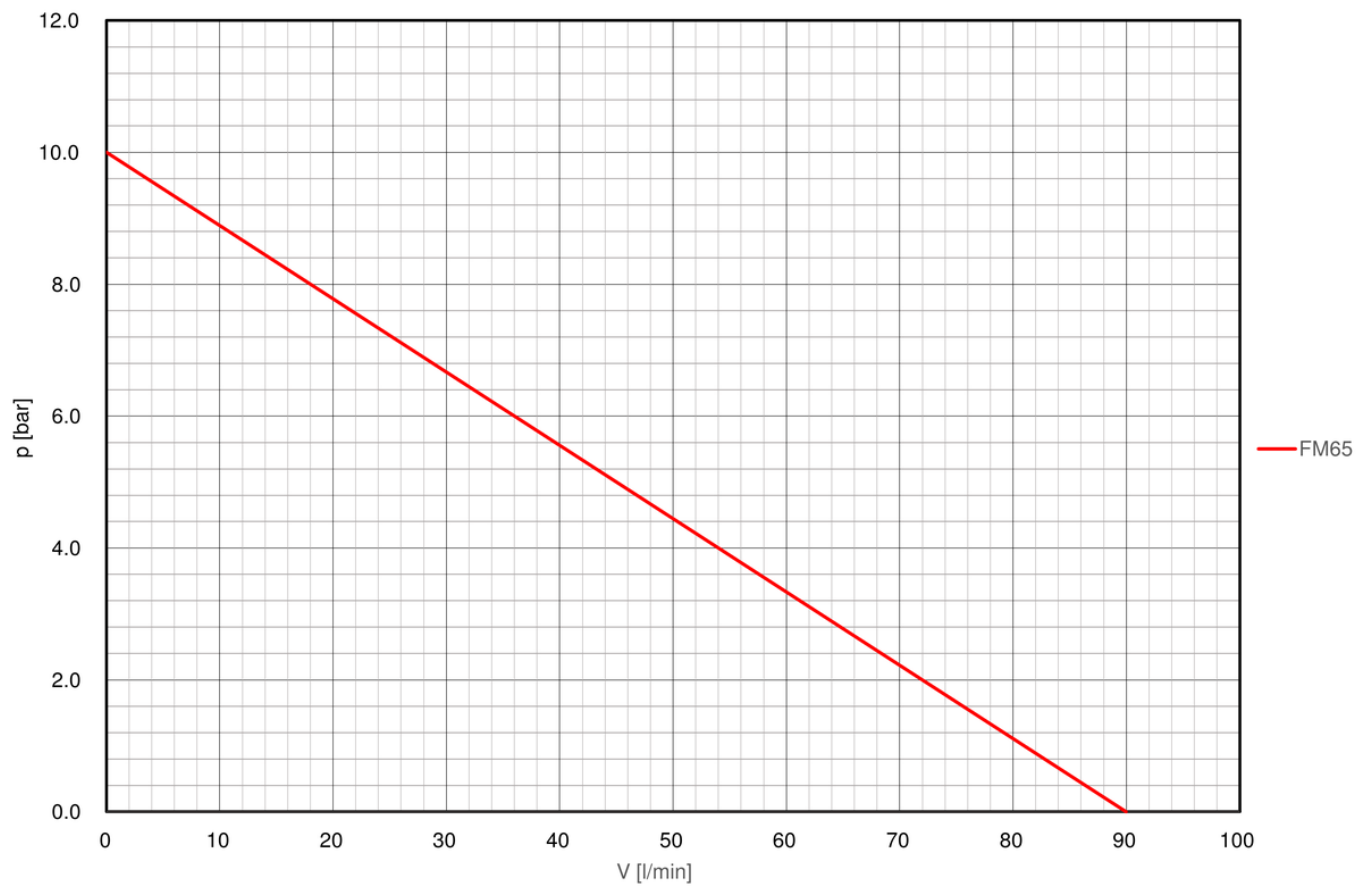
Standard equipment

- 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
- Solid-state relay (SSR) instead of heating contactor
- RT200 control system

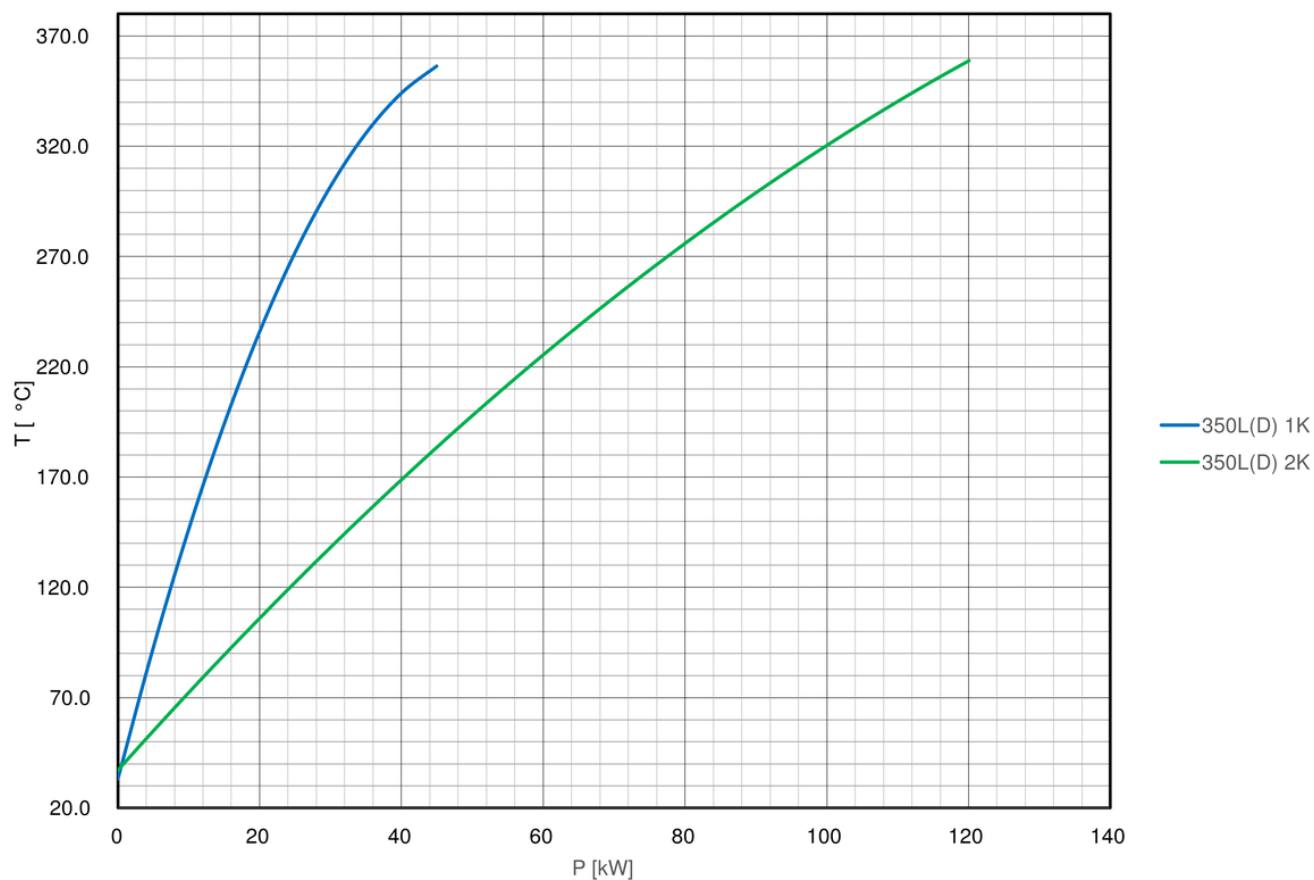
Options

- Inert gas blanket
- Cooler with bypass circuit (2k)
- Electronic flow measurement
- Optional with RT200 control system
- RT100 control system

Pump curve



Cooling curve



Representation Slovenia

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