350L

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

- 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 280 °C	30 kW 85 kW	FM65	90 l/min	2.8 kW

Technical data

Outlet temperature			
max.	°C	350	
Heat transfer medium		Oil	
Filling quantity	l	15.0	
Expansion volume	l	20.0	
Heating capacity at 400V	kW	20	
Cooling capacity	kW	30	85
Cooler		1K	2K
at outlet temperature	°C	280	280
at cooling water temperature	°C	20	20
Pump capacity/Type		FM65	
Flow rate max.	l/min	90	
Power consumption	kW	2.8	
Pressure max.	bar	9.5	
Control system		RT100 / RT200	
Measuring mode (standard)		Pt100	
Operating voltage	V/Hz	200-600 V, 50/60 Hz	
Connections			
Outlet/Inlet		G3/4" IG	
Cooling water mains		G3/4"	
Degree of protection		IP54	
Dimensions W/H/D	mm	546/1621/1465	
Weight	kg	323	
Color	RAL	9006/7016	
Ambient temperature			
max.	°C	40	
Noise level	db (A)	< 70	

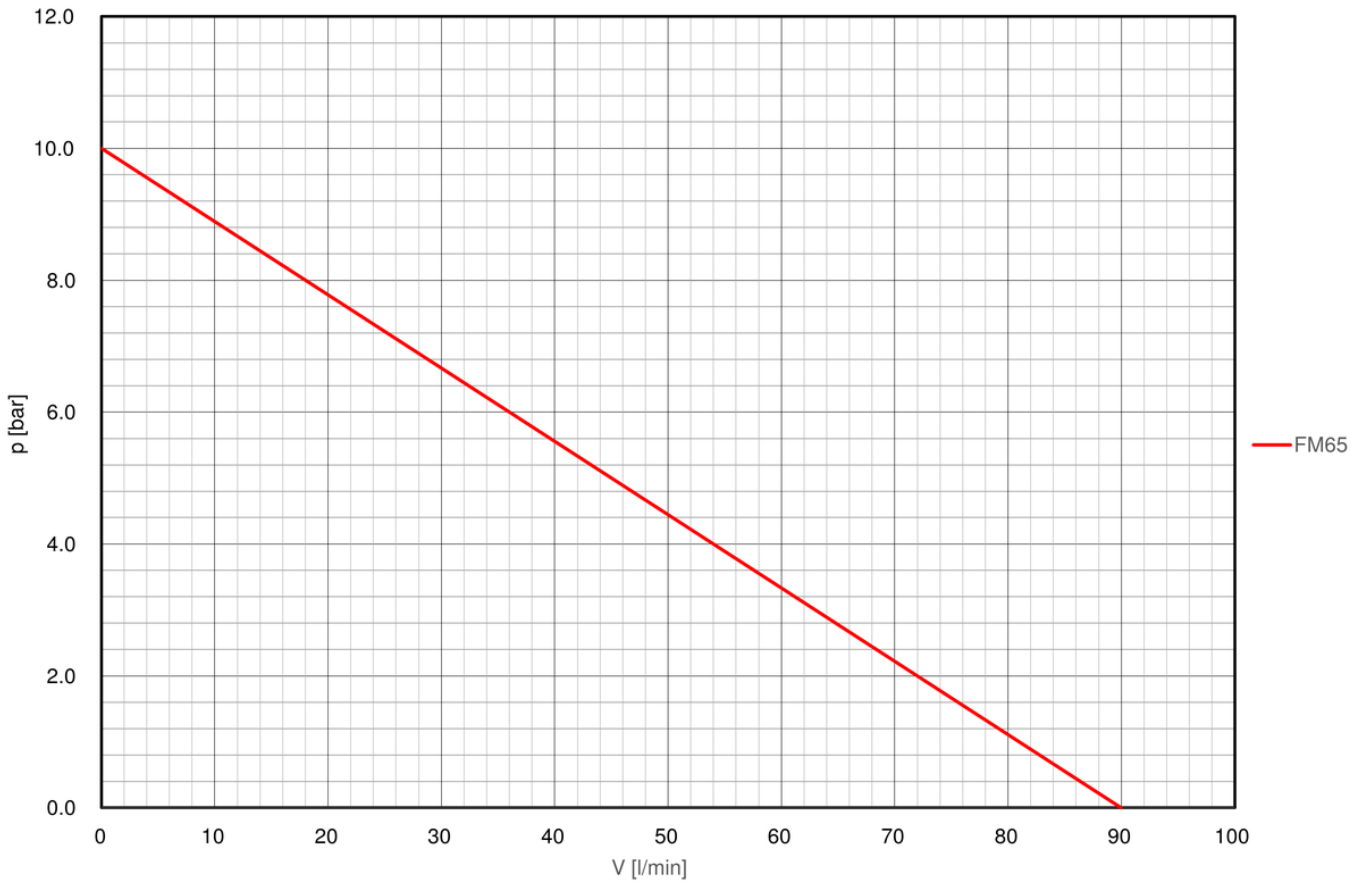
Standard equipment

- 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

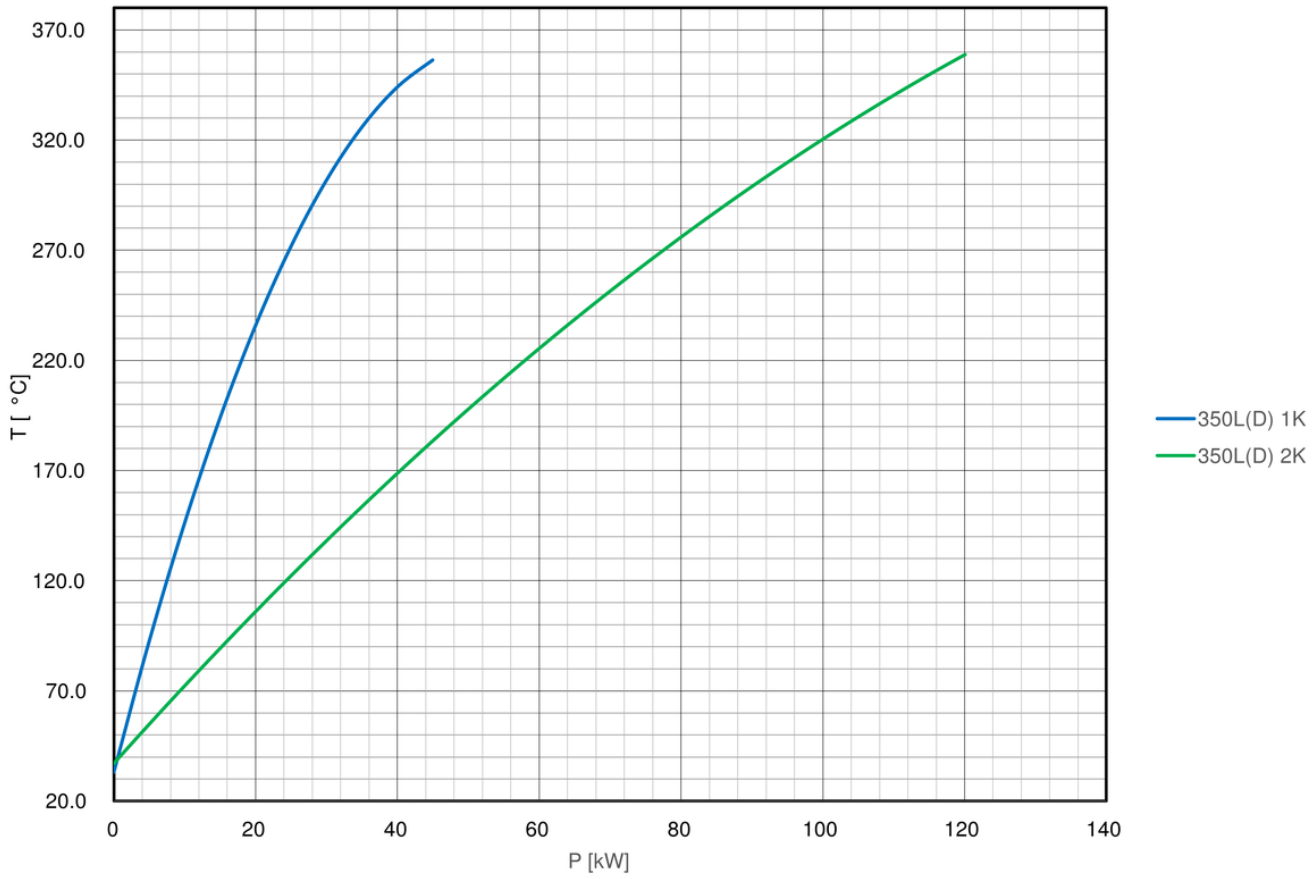
Options

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

Pump curve



Cooling curve



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