



P160XLcalidra

Compact water temperature control unit with fresh design and high performant capabilities.

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- Control system RT200
- Pump with high flow rate up to 500 l/min
- Low-scale cooling system 2SK / 3SK
- Pressure control
- Solid-state relay instead of heating contactor
- Cyclone separator for enhanced filtration



Technical specifications

Heat transfer medium	Outlet temperature	Heating capacity at 400V	Cooling capacity		Pump capacity/Type		
Water	160 °C	40 / 60 / 100 kW	150 °C	400 kW	PM300	300 l/min	2.8 kW
					PM500	500 l/min	5.3 kW

Technical data

Outlet temperature			
max.	160		°C
Heat transfer medium			
	Water		
Filling quantity	23 - 25		l
Expansion volume	10		l
Heating capacity at 400V			
	40 / 60 / 100		kW
Cooling capacity			
	400		kW
Cooler	2SK / 3SK		
at outlet temperature	150		°C
at cooling water temperature	2SK > 45l/min, 3SK > 80l/min		
Pump capacity/Type			
	PM300	PM500	
Flow rate max.	300	500	l/min
Power consumption	2.8	5.3	kW
Pressure max.	5.0	8.0	bar
Control system			
	RT200		
Measuring mode (standard)	Pt100		
Operating voltage			
	200-600 V, 50/60 Hz		V/Hz
Connections			
Outlet/Inlet	DN 50 (Regloplas flange) (G2" 60°Konus)		
Cooling water mains	G3/4"		
Degree of protection			
	IP54		
Dimensions W/H/D			
	430/1300/1356		mm
Weight			
	250-300		kg
Color			
	7035/7042/7043		RAL
Ambient temperature			
max.	40		°C
Noise level			
	< 70		db (A)

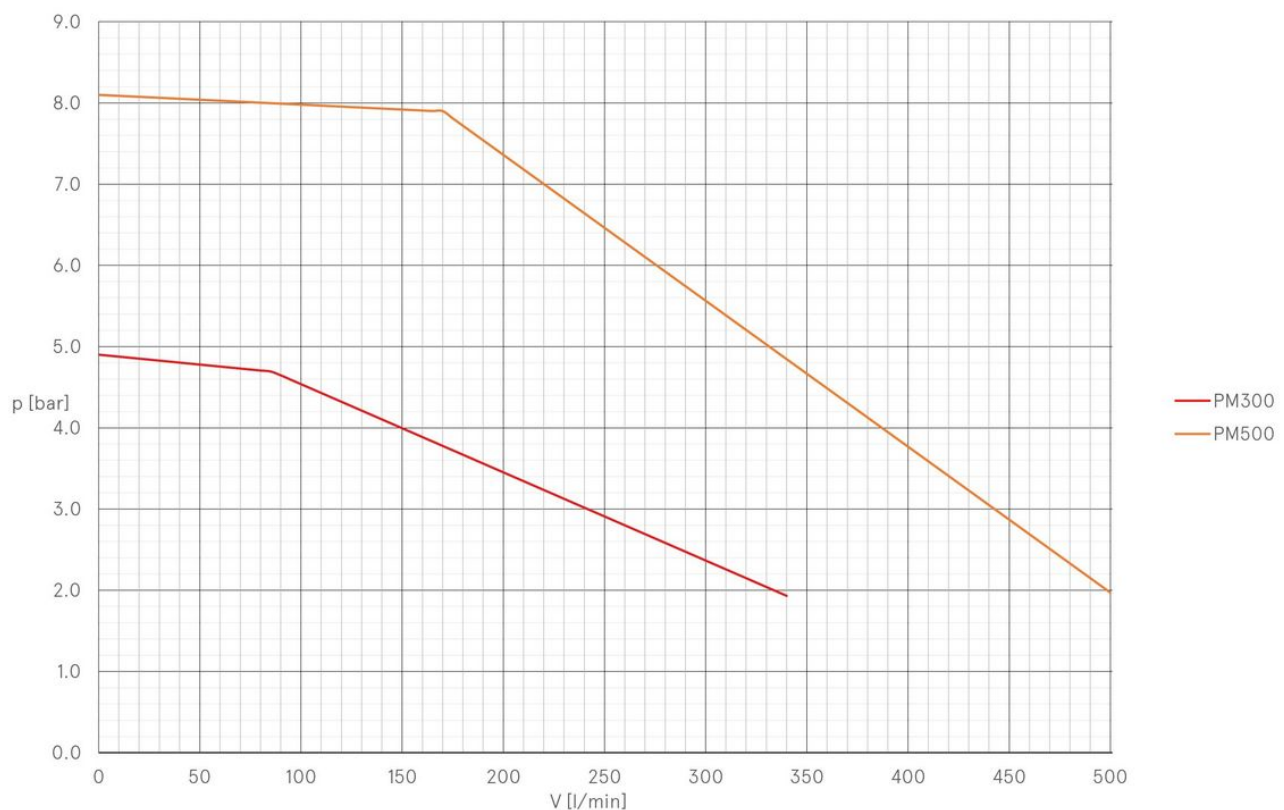
Standard equipment

- RT200 control system
- Solid-state relay (SSR) instead of heating contactor
- Integrated status light
- Water circuit of non-rusting materials
- Automatic water refill
- In- and Outlet Pt100 sensor
- Filter in cooling water circuit 300µm
- Motors IE4 standard
- Pump PM300 and PM500 with frequency converter
- Low-scale cooling system (SK)
- Safety pressure release valve
- Safety thermostat
- Pressure drain
- Pressure gauge for system pressure
- Active pressure release system
- Unit in IP54 protection degree

Options

- F2000 speed-dependent flow measurement
- Pre-separation of dirt
- Filter in the main circuit 300µm with monitoring
- Leakage monitoring
- Pump condition monitoring
- Operating data monitoring
- Various interfaces
- Operating hours counter
- Combine with multiFlow XL 180
- Filter Cyclon

Pump curve



Representation Switzerland

Injection Molding, Die Casting, other Applications

Regloplas AG
Spühlstrasse 6
9016 St. Gallen
Switzerland

Tel +41 71 282 58 00
Email info@regloplas.com