REGLOPLAS

every degree° counts.

P160M

Pressurised-water temperature control unit up to 160 °C

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a Wilmod company

P160M

Pressurised-water temperature control unit up to 160 °C

- Control system RT200
- Pump with high flow rate: 100 l/min
- Low-scale cooling system "SK"
- Pressure control
- 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		
Water	160 °C	8 / 18 kW	150 °C 150 °C	66 kW 78 kW	SM73 SM75 PM75	60 l/min 90 l/min 85 l/min	1.0 kW 1.5 kW 2.2 kW

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Technical data

Outlet temperature				
max.	160			°C
Heat transfer medium	Water			
Filling quantity	23 - 25			l
Expansion volume	10			l
Filling quantity	1.9			l
Expansion volume	-			l
Heating capacity at 400V	8 / 18			kW
Cooling capacity	66	78		kW
Cooler	SK	2SK		
at outlet temperature	150	150		°C
at cooling water temperature	20	20		°C
Pump capacity/Type	SM73	SM75	PM75	
Flow rate max.	60	90	85	l/min
Power consumption	1.0	1.5	2.2	kW
Pressure max.	6.0	6.0	9.8	bar
Control system	RT100 / RT200			
Measuring mode (standard)	Pt100			
Operating voltage	3 x 400 V, 50/60 Hz			V/Hz
Connections				
Outlet/Inlet	G3/4"			
Cooling water mains	G1/2"			
Degree of protection	IP54			
Dimensions W/H/D	295/711/914			mm
Weight	84			kg
Color	9006/7016			RAL
Ambient temperature				
max.	40			°C
Noise level	< 70			db (A)

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Regloplas P160M

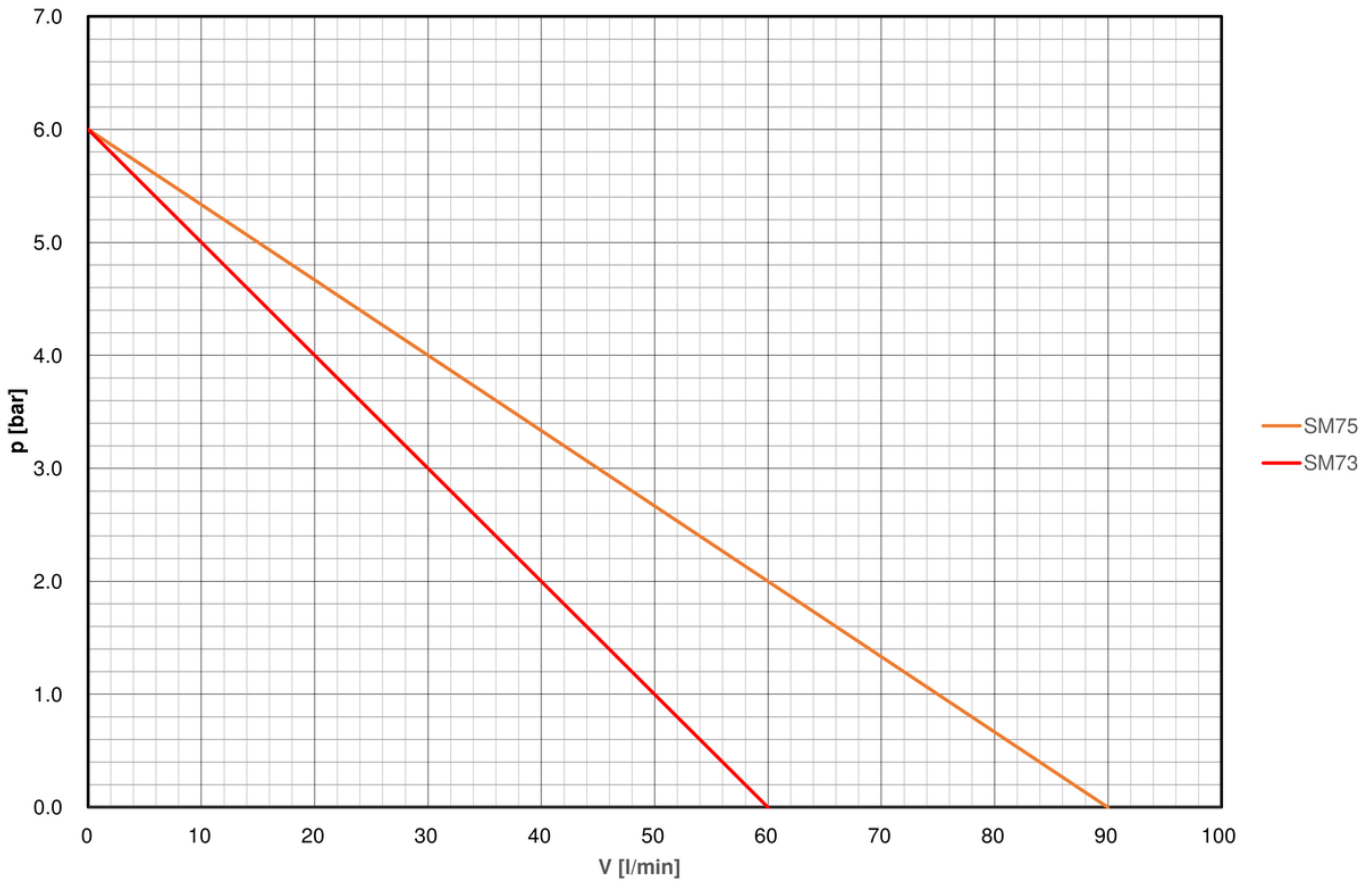
Standard equipment

- Solid-state relay (SSR) instead of heating contactor
- Filter in the main circuit
- Draining the consumer by suction
- Leak-free pump
- Patented low-scale cooling system (SK)
- Unit in IP54 protection degree
- RT200 control system

Options

- Electronic flow measurement
- Hand valve in inlet and outlet
- Pump control
- Cleanroom version
- Pump PM75 only with frequency converter
- RT100 control system

Pump curve



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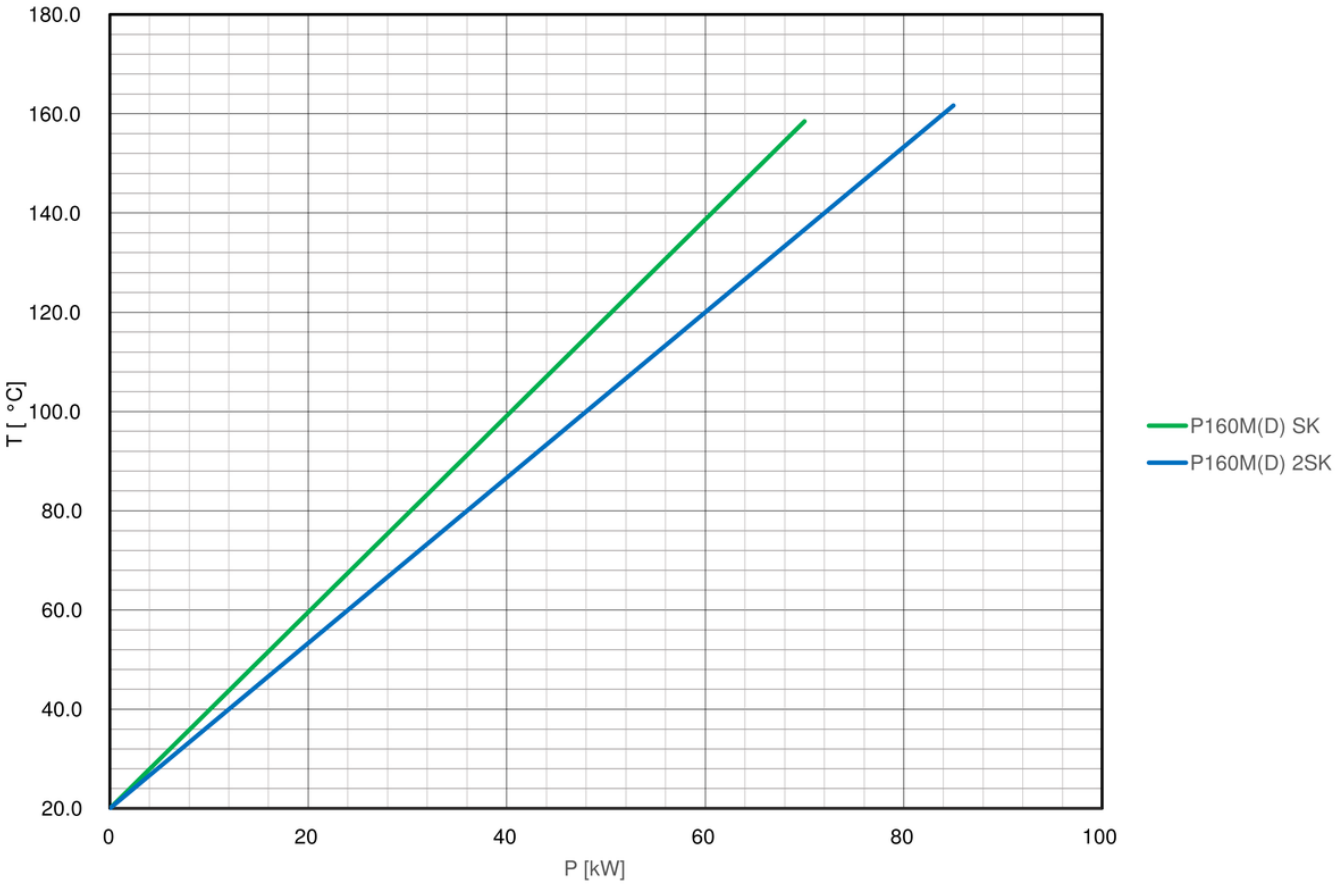
Cooling curve



Representation Switzerland

Injection Molding, Die Casting, other Applications