

P100smart

Temperature control unit for water up to 100 °C

- RT70 control system with 3.5" TFT display
- Pump with high flow rate: 40 l/min
- Leak-free pump with magnetic coupling



Technical specifications

| Heat transfer medium | Outlet temperature | Heating capacity at 400V | Cooling capacity | | Pump capacity/Type | | |
|----------------------|--------------------|--------------------------|------------------|--------|--------------------|----------|--------|
| Water | 100 °C | 8 kW | 90 °C | 145 kW | SM22 | 40 l/min | 0.5 kW |

Technical data

| | | |
|---------------------------------|--------|---------------------|
| Outlet temperature | | |
| max. | °C | 100 |
| Heat transfer medium | | Water |
| Filling quantity | l | 1.0 |
| Expansion volume | l | - |
| Heating capacity at 400V | kW | 8 |
| Cooling capacity | kW | 145 |
| Cooler | | DK |
| at outlet temperature | °C | 90 |
| at cooling water temperature | °C | 20 |
| Pump capacity/Type | | SM22 |
| Flow rate max. | l/min | 40 |
| Power consumption | kW | 0.5 |
| Pressure max. | bar | 5.0 |
| Control system | | RT70 |
| Measuring mode (standard) | | Pt100 |
| Operating voltage | V/Hz | 380-480 V, 50/60 Hz |
| Connections | | |
| Outlet/Inlet | | G1/2" |
| Cooling water mains | | G1/2" |
| Degree of protection | | IP40 |
| Dimensions W/H/D | mm | 233/595/746 |
| Weight | kg | 50 |
| Color | RAL | 9006/7016 |
| Ambient temperature | | |
| max. | °C | 40 |
| Noise level | db (A) | < 70 |

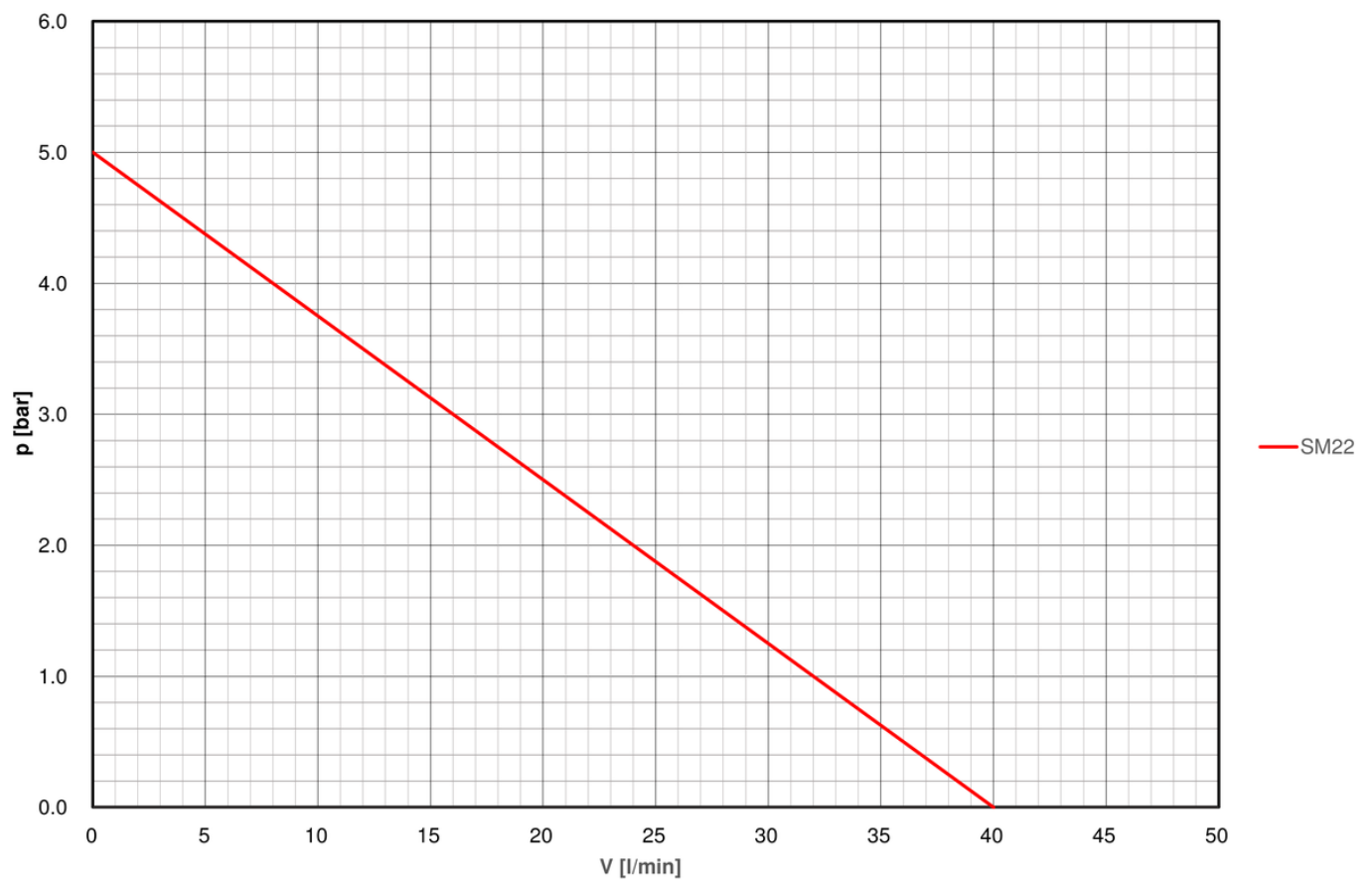
Standard equipment

- RT70 control system with 3.5" TFT display
- Solid-state relay (SSR) instead of heating contactor
- Filter in the main circuit
- Automatic water refill
- Leak-free pump
- Direct cooling (DK)
- Unit in IP40 protection degree

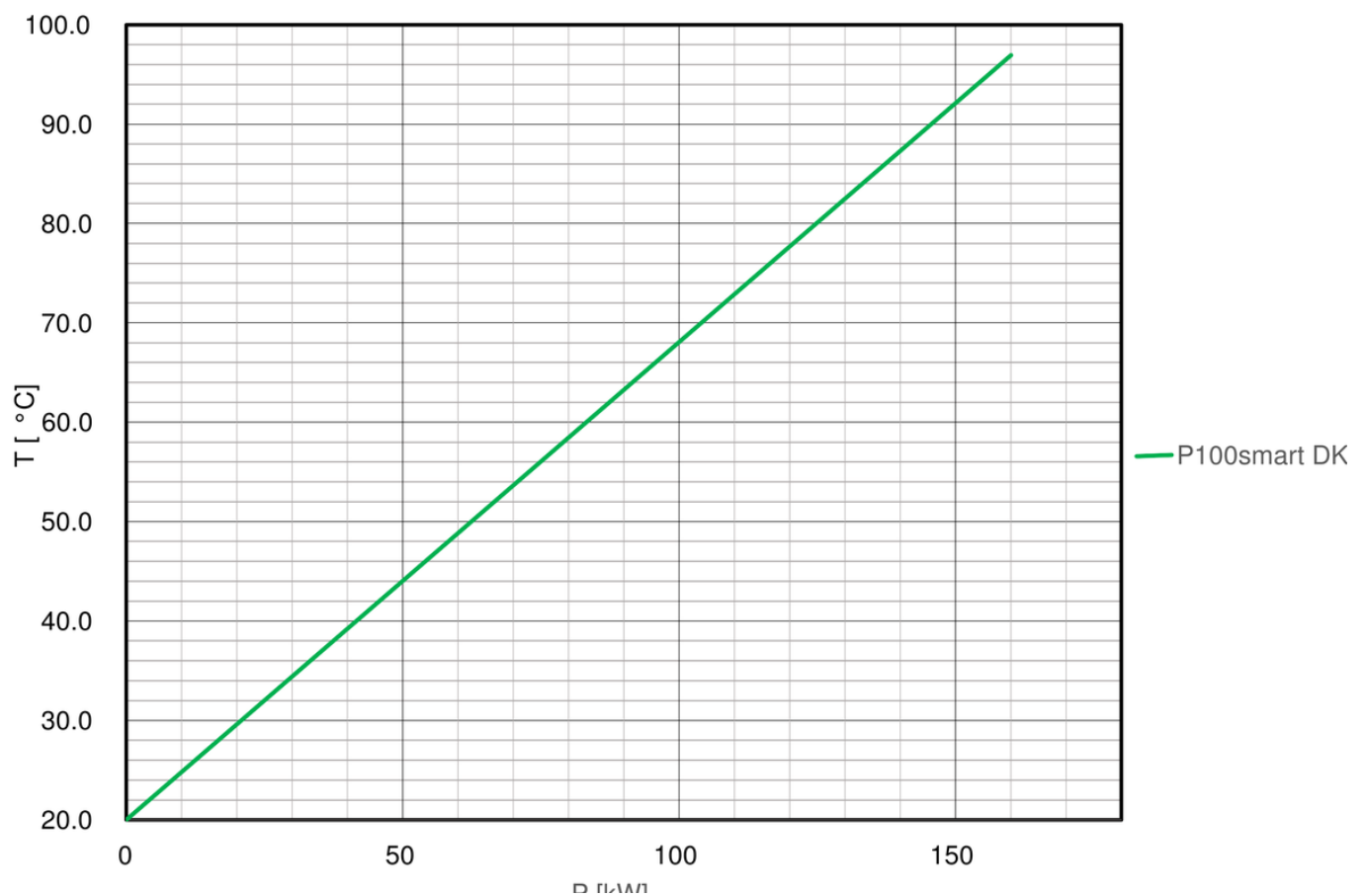
Options

- Electronic flow measurement

Pump curve



Cooling curve



Representation Switzerland

Injection Molding, Die Casting, other Applications

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