

BOE-THERM

Your reliable
partner in
Temperature
Control Units

TEMP 120S

Pressurized-water temperature control unit up to 120 °C

- ❖ Energy efficient pump
- ❖ Easy operation
- ❖ Temperature deviation alarm function
- ❖ Low noise

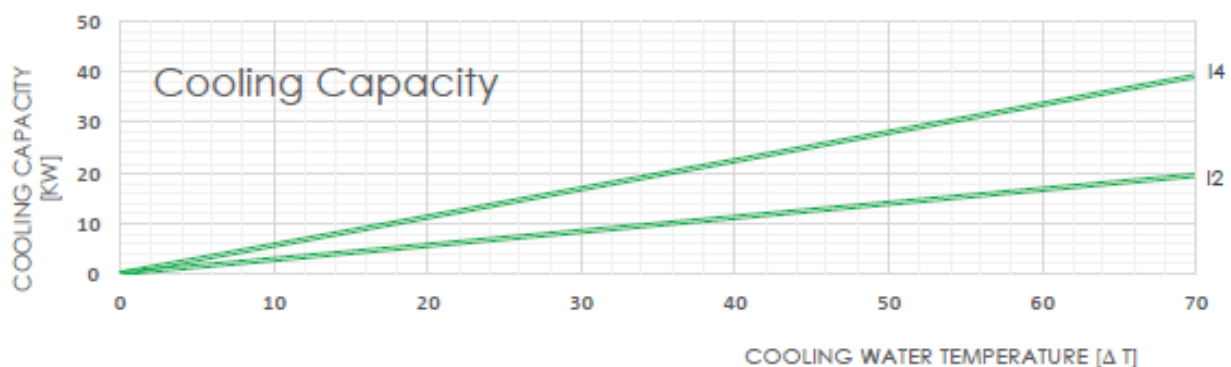


P machinery

BOE-THERM

TEMP 120S

| Equipment: | Standard | Optional |
|---------------------------------------|----------|----------|
| Automatic restart | ● | |
| Temperature deviation alarm | ● | |
| Automatic water refilling | ● | |
| Leakage control during operation | ● | |
| Pressure relief after stop | | ● |
| Mould draining | | ● |
| Automatic cool down function | ● | |
| Flow measuring Vortex | | ● |
| Connection for external PT 100 sensor | | ● |
| Service indicator (hour counter) | ● | |
| Serial interface 20 mA CL | | ● |
| Analog interface 4-20 mA | | ● |
| Profibus | | ● |
| Ethernet/IP | | ● |
| Profinet | | ● |
| Devicenet | | ● |



Technical Specifications:

| | | | |
|--------------------------------|-------------------------------|-----|-----|
| Max outlet temperature | 120 °C | | |
| Heating capacity | 4,5 kW (opt. 9 - 13,5 - 18kW) | | |
| Heat transfer fluid | Water | | |
| Tank volumen | 6 Liter | | |
| Pump | std. | | |
| Type | M3 | M4 | M5 |
| Flow rate max. l/min | 75 | 85 | 115 |
| Pressure max. Bar | 2,8 | 5,6 | 5,8 |
| Power kW | 0,5 | 1 | 1,5 |
| Cooling capacity at ΔT = 60 °C | std. | | |
| Type | 12 | 14 | |
| kW | 15 | 28 | |
| Connections in/out | 1/2" | | |
| Operating voltage std. | 3x400V/50Hz | | |
| Dimensions (W x H x D) | 270 x 650 x 680 mm | | |