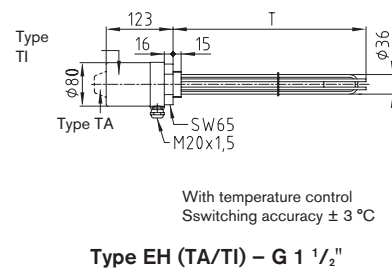
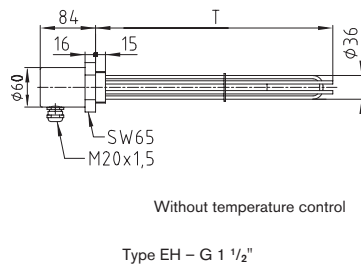


Tank heaters - Type EH and Type TEHM



- Inserted tubular heating element to preheat hydraulic oil
- Suitable for horizontal assembly below oil level
- With or without temperature control for internal or external setting with single-pole control 0 - 85 °C, 16 Ampere
- Surface load 1.5 W/cm² for hydraulic oils
- Steel cap from bright zinc coating/cover from stainless steel
- Material: stainless steel (1.4541)/brassy nipple (other material on request)
- Protection class IP 65 (excluding design EH (TA) IP 54)
- Further designs available on request
- The connector pin assignment is enclosed to the unit
- Please note our mounting instructions (www.ktr.com)

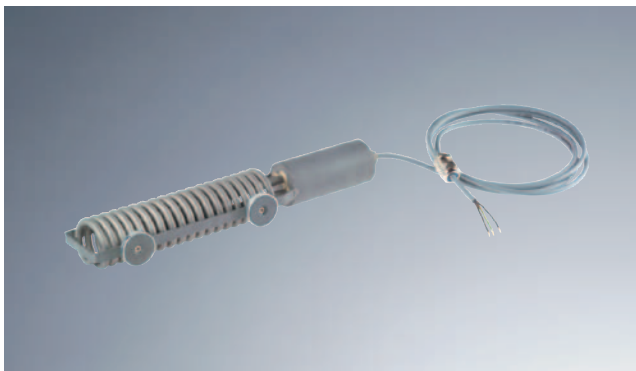
| Inserted tubular heaters | | |
|-------------------------------------|------------------------|-------------|
| Type EH – G 1 1/2" | | |
| without or with temperature control | | |
| Heating capacity [Watt] | Immersion depth T [mm] | Voltage [V] |
| 380 | 200 | 230 |
| 500 | 250 | 230 |
| 750 | 350 | 230 |
| 990 | 450 | 230 |
| 1460 | 650 | 230 |
| 1825 | 800 | 230 |
| 2300 | 1000 | 230 |



Ordering example

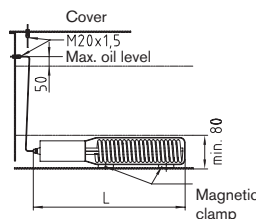
| EH | 990 | 450 | G 1 1/2" | TI | 1 x 230 V |
|------|----------------------|------------------------|-------------------------|---|---|
| Type | Heating capacity [W] | Immersion depth T [mm] | Size of screw-in thread | TA = temperature control with external setting TI = temperature control with internal setting O = without temperature control | Please make sure to mention the voltage [V] in your order, e. g. 1 x 230 V; 2 x 400 V; 3 x 400 V (from 1000 Watt) |

Inserted tank heaters with magnetic clamp type TEHM



- To preheat hydraulic oil
- Inserted tank heater to be fixed either horizontally to the tank ground or vertically to the tank wall by means of magnetic clamps
- Ideal solution to retrofit existing machines and plants
- Assembly without oil drain
- Internal control with preset cut-in or cut-off temperature (standard 20 °C, switching precision 3 °C)
- If requested, it is possible for the manufacturer to set switching temperatures to the details specified by the customer
- Other media/operating fluids available on request
- The connector pin assignment is enclosed to the unit
- Please note our mounting instructions (www.ktr.com)

| Inserted tank heater | | |
|-------------------------|-----------------------|-------------|
| Type TEHM | | |
| Heating capacity [Watt] | Overall length L [mm] | Voltage [V] |
| 250 | 265 | 230 |
| 500 | 290 | 230 |
| 1000 | 400 | 230 |



Technical data:

- Switching accuracy: ± 3°
- Voltage: 230 V (other on request)
- Operation temperature: - 30 °C to + 80 °C
- Surface load: 1,2 W/cm²
(0,6 W/cm² on request)
- Connection cable: 3-poles, 2,5 m long, incl. screwed cable gland M20x1,5

As an alternative: Control of tank heater possible in combination with KTR industrial controls with more than one temperature switching point. In this case the temperature control on the tank heater can be done without.

Ordering example

| TEHM | 1000 | 00 |
|------|--------------|---|
| Type | Capacity [W] | Cut-off temp. set by the company to 20 °C = 00. Without temperature control = 01. Requested cut-off temperature e. g. 35 °C = 35. |