



Tank heaters

HBE tank heaters are suitable for preheating of hydraulic oil on mineral basis and for quickly achieving the operating temperature at hydraulic units. An optimum viscosity reduces the wear of the hydraulic components. Standard devices can be delivered of 0.25 kW up to 5 kW. Devices for Ex-protection as well as special devices are available [on request](#).

PTHK 90

- Cartridge heater
- Exchangeable ceramic heating insert (mounting/dismounting possible without oil drain)
- Bright galvanized steel cap
- For horizontal mounting under oil level
- Material: steel (further materials [on request](#))
- Surface charge 1.5 W/cm² for hydraulic oils
- Protection IP 65
- Wiring schemes for different mains voltages [on request](#)

PTHK 91 TH

- Cartridge heater
- Temperature adjustment for internal (THI) and external regulation (THA), single-pole 0°C up to 85°C, 16 amp
- Exchangeable ceramic heating insert (mounting/dismounting possible without oil drain)
- Bright galvanized steel cap
- Material: steel (further materials [on request](#))
- Surface charge 1.5 W/cm² for hydraulic oils
- protection IP 54 for THA resp. IP 65 for THI
- Wiring schemes for different mains voltages [on request](#)

RHK

- Tube screwed-in heater
- Bright galvanized steel cap
- For horizontal or vertical mounting under oil level
- Material: steel (further materials [on request](#))
- Surface charge 1.5 W/cm² for hydraulic oils
- Protection IP 65
- Wiring schemes for different mains voltages [on request](#)

RHK-TH

- Tube screwed-in heater with temperature adjustment
- Temperature adjustment for internal (THI) and external regulation (THA), single-pole 0°C up to 85°C,

- 16 amp
- Bright galvanized steel cap
- For horizontal and vertical mounting under oil level
- Material: steel (further materials [on request](#))
- Surface charge 1.5 W/cm² for hydraulic oils
- Protection IP 65
- Wiring schemes for different mains voltages [on request](#)

VR

- No mounting effort, ideal solution to retrofit existing installations
- Horizontal or vertical arrangement, low minimum oil level
- Medium touched pieces made from stainless steel (1.4571), brass and plastics respectively
- Welded type
- Magnetic clamps for fixing at tank bottom / partition wall
- protection IP 68
- integrated thermostat with switch-off temperature 40°C (standard)
- integrated temperature limiter
- surface charge 1.2 W/cm² for HLP and 0.6 W/cm² for HFA/HFD-R
- temperature resistant up to -20°C
- heating elements protected by tubes made of stainless steel (1.4571)
- cable connection made of brass
- three-pole plastic cable, length 4 m, with screwed cable gland M16 resistant to mineral oil, vegetable oil and lubricants as well as HFA and HFC liquids

More information and technical details on tank heaters can be found in our [product catalogues](#). For detailed information and technical specifications, please contact our [employees](#).