



baelz 135 - version example.
Arrangement of connections individually selectable.

baelz 135

U-TUBE HEAT EXCHANGERS

- horizontal version
- U-tube bundle exchangeable
- with feet

FLUIDS

Pipe / shell side: heating / sanitary water, glycol, hot oil, neutral liquids.

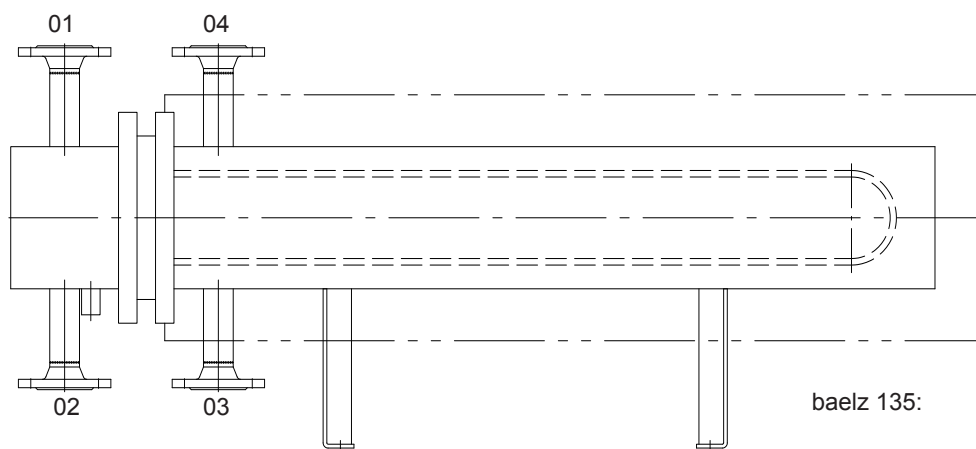
To avoid corrosion in heat exchangers, water qualities must be checked and recorded at regular intervals.

Requirements for water qualities can be found in our Corrosion Specification, which we are happy to send you upon request.

Technical specifications, baelz 135

Tubes	Steel / copper / stainless steel
Tube sheet	Steel / plated / stainless steel
Preheader	Steel / stove enamelled / parts in contact with the fluid 1.4571
Shell	Steel / parts in contact with the fluid 1.4571
Insulation	Mineral wool with galvanized metal shell (50 / 80 mm)
Housing length	min. 1000 mm, max. 8000 mm
Diameter	min. Ø 114 mm, max. Ø 1200 mm

Execution, production and testing according to Pressure Equipment Directive PED 2014/68/EU
Category / Module: I / A, II / A2, III / G or IV / G or Art. 4, para. 3 and AD 2000 Rules.



baelz 135:

- 01 = heating medium inlet
- 02 = heating medium outlet
- 03 = secondary return
- 04 = secondary flow

Note:

- All nozzles and sleeves principally to be connected without load pursuant AD2000.
- On the inlet side, a straight pipeline must be provided as a calming section with a length of min. 6 x DN of the heat exchanger inlet nozzle. The nominal diameters of the pipe and heat exchanger inlet nozzles must match.
- Required hot water quality according to VDI 2035 (avoidance of damage in hot water heating systems according to DIN EN 12828)