



baelz 111 / 112

STRAIGHT-TUBE HEAT EXCHANGERS

- standing version, thus suitable for capacity control with condensate backup
- tube bundle not exchangeable
- ring channel optional
- compensator optional
- baelz 112 suitable for drinking water

FLUIDS

baelz 111:

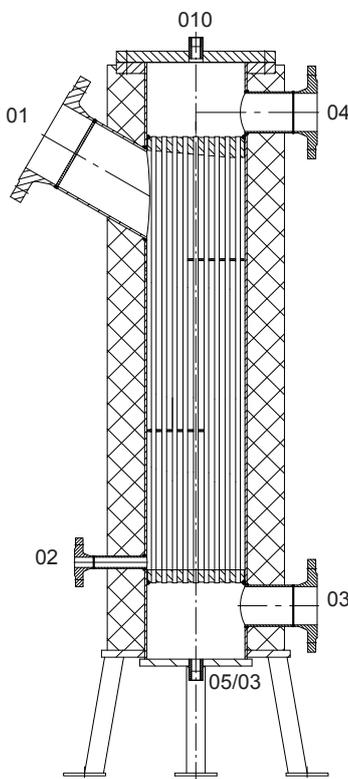
Tube side heating water, glycol, hot oil, neutral liquids, other fluids on request; shell side steam and condensate

baelz 112:

Tube side drinking water; shell side steam and condensate

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 111 / 112

	baelz 111	baelz 112
Tubes	Steel / copper / stainless steel	1.4571
Tube sheet	Steel / stainless steel	Steel (or Cu / rustfree steel plated / stainless steel)
Preheader	Steel / parts in contact with the fluid 1.4571	Stove-enamelled steel / stainless steel
Shell	Steel / parts in contact with the fluid 1.4571	Steel / parts in contact with the fluid 1.4571
Insulation	Mineral wool with galvanized metal shell 50 / 80 mm	
Housing height	min. 1000, 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 111 / 112:

- 01 = heating medium inlet
- 02 = heating medium outlet
- 03 = secondary return
- 04 = secondary flow
- 05/03 = secondary emptying (R 3/4 ")
- 010 = deaeration/venting for 01/02 (DN 20, PN 16)

Note:

- All nozzles and sleeves principally to be connected without load pursuant AD2000.
- Required hot water quality according to VDI 2035 (avoidance of damage in hot water heating systems according to DIN EN 12828)