INDUSTRIAL HEAT EXCHANGER

TEMA
Multitube according to TEMA standards.

INDUSTRIAL LINE
Designed both thermal and mechanically to ensure long life and high reliability.

OPERATION
SACOME designs and manufactures heat exchangers following the recommendations of the TEMA code

APPLICATIONS
Processes of heating, evaporation, condensation or cooling of products such as oils, effluents, sewage, asphalts, hydrocarbons, biogas, exhaust gases, biodiesel, methanol and others.

ADVANTAGES OF TUBULAR HEAT EXCHANGER

LOW MAINTENANCE COSTS
HIGH WORKING PRESSURES
HIGH WORKING TEMPERATURES
PROCESSING OF PARTICULATE OR FIBRE PRODUCTS
EASY INSPECTION AND DISASSEMBLY
HIGH SECURITY IN ASEPITIC PROCESSES
EASY TO ENLARGE

Discover all the advantages of corrugation in tubular heat exchangers
sacome.com/en/corrugated-tube-heat-exchangers/
### SACOME HEAT EXCHANGER TYPE DEFINITION

**I-BEM-4-I-7-1-85/18-6000-304/316L-P**

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<th>INDUSTRIAL LINE</th>
<th>BEM</th>
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<td>EXAMPLE OF MODEL</td>
<td>ACCORDING TO TEMA CODE</td>
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#### STANDARD DESIGN CONDITIONS

- **Design temperature**: 180 °C
- **Design pressure**: 10 barg

For higher design pressures or temperatures as well as hazardous fluids, the heat exchangers can be checked according to AD 2000 Merkblätter, ASME VIII Div.1, PD 5500, EN13445 or by Finite Elements Analysis and CE certificated by individual inspection modules.

* Included: CE Marking according to 2014/68/UE.

#### STANDARD MEASURES

- **Shell side diameter**: 60,3 mm – 1500 mm
- **Inner tube diameter**: ≥ 10 mm
- **Length**: 1-1.5-2-3-6 m

* Other available sizes under request.

#### MATERIALS

- **Shell & Tubes**
  - **Stainless Steel 304 or 316L**
  - * Other materials available on request (2205, 2507, 254 SMO among others)

#### AVAILABLE CONNECTIONS

- **Flange**
  - * Other connections available on request.

#### SURFACE FINISH

- **External**: Matt

#### OPTIONS

- **INSULATION**: Mineral wool coated in 304 stainless steel metal sheet.

- **INTERCONNECTIONS**: In case the equipment contains several units in series, SACOME can provide the interconnections for the product channel and the service channel.

- **FRAME**: In 304 stainless steel. The type and shape of the frame will be selected to fit the needs of each project. If required, equipment may be sloping for better drainage.

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**SACOME**

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