

## EXCHANGERS

### INT LINE

### HEAT EXCHANGER



#### Special Models for:

- Applications thermal oil-steam,
- Thermal oil- hot water,
- Thermal oil-air,
- Thermal oil-vegetable oil,
- Steam-hot water,
- Another primary and secondary fluids,
- Another materials,
- Another design pressures.

#### Characteristics

- Design codes: AD-MERKBLÄTTER, TEMA.
- Marked CE.
- Primary and secondary circuit
- Cover: steel plate. UNE-36011.
- Flanges: PN16 y PN25.
- Torispherical bottoms under UNE-9201.
- Galvanized under UNE-37501.
- Coils by expanded tube.
- Made under 97/23/CE directive.

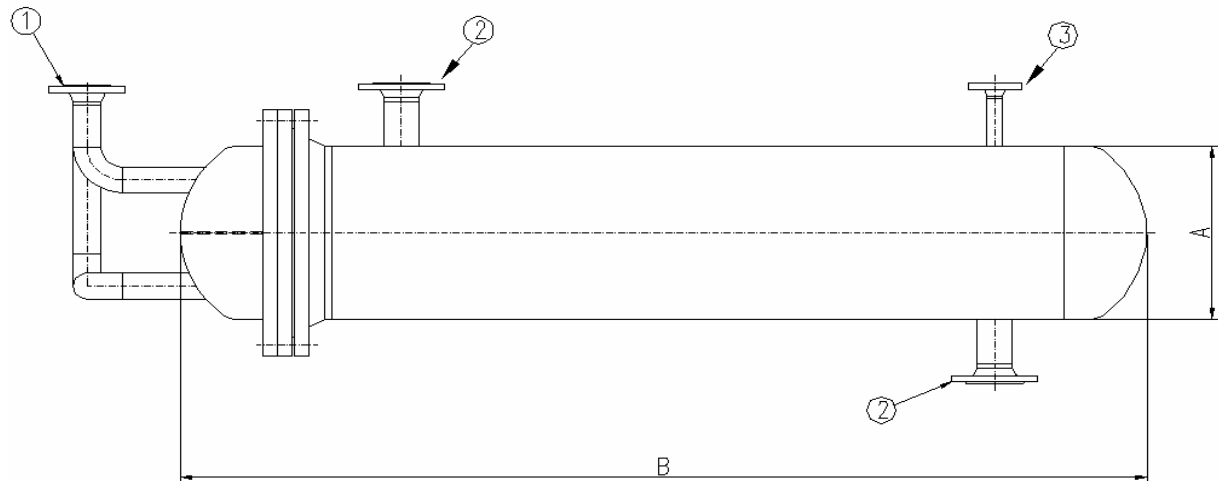
**Exchanger scheme**



	Enclosure I	Enclosure II
<b>Denomination</b>	Bundle	Shell
<b>Fluid content</b>	Thermal Fluid	Fluid (*)
<b>Design pressure (bar)</b>	6	6
<b>Tested pressure (bar)</b>	9	9
<b>Design temperature (°C)</b>	300	300

(\*) In the shell, the contained fluid will vary according to the application to which the heat exchanger is destined, and it can be water or vegetable oil.

## Exchanger general scheme



IRON EXCHANGER MODEL	Dimensions (mm)		Connections			Exchange Surface (m <sup>2</sup> )
	A	B	1	2	3	
INT-004-10-F	273 – DN250	1700	DN25	DN25	DN20	4
INT-008-10-F	273 – DN250	3000	DN32	DN40	DN20	8
INT-012-12-F	323.9 – DN300	3100	DN40	DN50	DN20	12
INT-016-14-F	355.6 – DN350	3100	DN50	DN50	DN20	16
INT-019-16-F	406.4 – DN400	3200	DN50	DN65	DN25	19
INT-024-16-F	406.4 – DN400	3300	DN65	DN65	DN25	24
INT-024-20-F	508 – DN500	3300	DN65	DN65	DN25	24
INT-036-20-F	508 – DN500	3300	DN65	DN80	DN32	36
INT-038-20-F	508 – DN500	3300	DN80	DN80	DN32	38
STAINLESS STEEL EXCHANGER MODEL.	Dimensions (mm)		Connections			Exchange Surface (m <sup>2</sup> )
	A	B	1	2	3	
INT-009-12-I	323.9 - DN300	3200	DN65	DN65	DN25	9
INT-013-14-I	355.6 – DN350	3200	DN80	DN80	DN25	13
INT-016-20-I	508 – DN500	1100	DN100	DN100	DN25	16
INT-029-20-I	508 – DN500	3300	DN100	DN100	DN40	29
INT-038-30-I	508 – DN500	3400	DN100	DN100	DN40	38

The manufacturer has the right to include changes in order to improve the equipments.

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