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|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter** | **Unit** | **Cold side** | **Hot side** |
| Flow name |  |  |  |
| Flow type |  |  |  |
| Flow weight | kg/h |  |  |
| Flow volume | m 3 /h |  |  |
| Temperature inlet - outlet | ° C |  |  |
|  Density | kg/m 3 |  |  |
|  Heat capacity |  kJ/kg·°C |  |  |
| Thermal conductivity | W/m·°C |  |  |
| Dynamic viscosity | cP |  |  |
| Contamination factor |  cm 2 ·°C/W |  |  |
| Thermal load | kW |  |
| Heat transfer area | m 2 |  |
| LMTD | ° C |  |
| Heat transfer coefficient | W/m 2 ·°C |  |
| Area store for contamination | % |  |
| Material of the plate / thickness | /mm |  |
| Channel height | mm |  |  |
|  Pressure drop | kPa |  |  |
| Channel speed | РС |  |  |
| Weight (without filling) | kg |  |
| Code |  |  |
|  Design pressure | MPa |  |  |
| Test pressure | MPa |  |  |
| Maximum temperature | ° C |  |  |
| Flange standard |  |  |  |
| DN of flange |  |  |  |
| Flange material |  |  |  |

**QUESTIONNAIRE FOR A SPIRAL HEAT EXCHANGER ACCORDING TO THE FOLLOWING PARAMETERS**