


| <b>SPIROTECH SPECIFICATION SHEET</b>             |  | <b>SPIROTECH</b>  |  |
|--|--|--|--|
| Version 17.10 / BDB                              |  |  |  |
| Product: SpiroTrap Hi-flow<br>DN 250 Flanged end |  | Type: HE250F   |  |
| Customer: 1                                      |  | Date: 2/23/2018  |  |
| Project: 2                                       |  |  |  |
| Reference: 3                                     |  |  |  |
| <b>Design criteria</b>                           |  | <b>Drawing:</b>  |  |
| Medium: Water / glycol (max 50%)                 |  |  |  |
| Max. flow velocity: 3 m/s                        |  |  |  |
| Max. flow rate: 160.0 l/s                        |  |  |  |
| Max. pressure: 10 bar-g                          |  |  |  |
| Max. temperature: 110 °C                         |  |  |  |
| Δp at max. flow: 27.80 kPa                       |  |  |  |
| Flow: 1.5 l/s                                    |  |  |  |
| Δp at flow: 0.00 kPa                             |  |  |  |
| Design standard: EN 13445                        |  |  |  |
| <b>Testing and quality assurance</b>             |  |  |  |
| Test pressure (bar): 7                           |  |  |  |
| Test medium: Air                                 |  |  |  |
| Test certificate: no                             |  |  |  |
| Design and manufacturing acc. 2014/68/EU: yes    |  |  |  |
| Material certificates (structural parts): no     |  |  |  |
| Drawing: no                                      |  |  |  |
| Weld procedures: no                              |  |  |  |
| Nondestructive Testing (X-ray: 10%): no          |  |  |  |
| Notified body inspection: no                     |  |  |  |
| <b>Construction materials</b>                    |  | <b>Dimensions:</b>   |  |
| Body: S235 JR G2 (St.37)                         |  | DN 250 mm  |  |
| Connections: S235 JR G2 (St.37)                  |  | OD 273 mm  |  |
| Fittings: S235 JR G2 (St.37)                     |  | H 1645 mm  |  |
| Flanges (EN 1092-1 PN16): C22.8                  |  | h 1300 mm  |  |
| Heads: S235 JR G2 (St.37)                        |  | D 508 mm   |  |
| Spirotube Tube: S235 JR G2 (St.37)               |  | LF 890 mm  |  |
| Wire: Copper                                     |  | e 2"   |  |
| Solder: Tin(SnCu3)                               |  |  |  |
| Paint: Standard                                  |  |  |  |
| Color: Yellow (RAL 1003)                         |  |  |  |
| Drain valve: Nickered brass                      |  | Volume: 300 ltr  |  |
|  |  | Dry weight (approx): 210 kg  |  |
|  |  | Subject to changes   |  |