
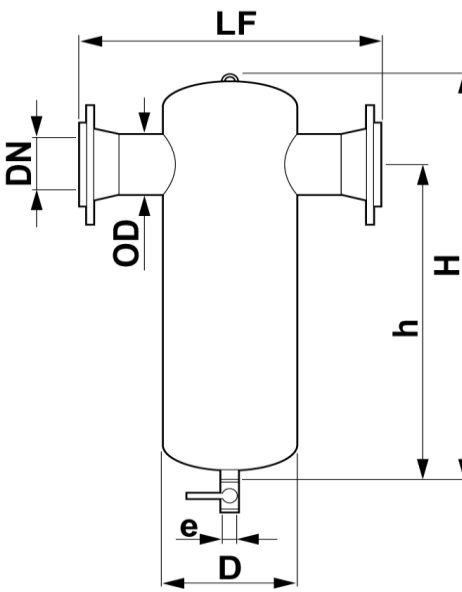


| SPIROTECH SPECIFICATION SHEET | | SPIROTECH  | |
|--------------------------------------------------|--|------------------------------------------------------------------------------------------------------|--|
| Version 17.10 / BDB | | | |
| Product: SpiroTrap Hi-flow DN 100 Flanged end | | Type: HE100F | |
| Customer: 1 | | Date: 2/23/2018 | |
| Project: 2 | | | |
| Reference: 3 | | | |
| Design criteria | | Drawing: | |
| Medium: Water / glycol (max 50%) | |  | |
| Max. flow velocity: 3 m/s | | | |
| Max. flow rate: 26.0 l/s | | | |
| Max. pressure: 10 bar-g | | | |
| Max. temperature: 110 °C | | | |
| Δp at max. flow: 14.66 kPa | | | |
| Flow: 1.5 l/s | | | |
| Δp at flow: 0.05 kPa | | | |
| Design standard: EN 13445 | | | |
| Testing and quality assurance | | | |
| 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 | | | |
| Construction materials | | Dimensions: | |
| Body: S235 JR G2 (St.37) | | DN 100 mm | |
| Connections: S235 JR G2 (St.37) | | OD 114.3 mm | |
| Fittings: S235 JR G2 (St.37) | | H 710 mm | |
| Flanges (EN 1092-1 PN16): C22.8 | | h 540 mm | |
| Heads: S235 JR G2 (St.37) | | D 219 mm | |
| Spirotube Tube: S235 JR G2 (St.37) | | LF 475 mm | |
| Wire: Copper | | e 1" | |
| Solder: Tin(SnCu3) | | | |
| Paint: Standard | | | |
| Color: Yellow (RAL 1003) | | | |
| Drain valve: Nickered brass | | Volume: 25 ltr | |
| | | Dry weight (approx): 33 kg | |
| | | Subject to changes | |