

# Product data sheet Spirotech

## Product name

### SpiroTrap -DN100 -Flange -Demount

## Product properties

A demountable steel dirt separator for standard flow rate (1.5 m/s) with a DN50 - DN300 PN16 flange connection

- Very small particles, from 5  $\mu\text{m}$  (= 0.005 mm) are separated and removed
- Dirt can be drained while the system is in operation
- Applicable with 50/50 Ethylene Glycol / Water (Volume)
- We recommend equipping the separator with shut-off valves on both sides
- In case of severe pollution and/or maintenance, the unit is demountable
- Constant low pressure drop
- Maintenance only takes a few seconds
- No unnecessary downtime
- PN16 flange connections
- Connection diameters from DN50 - DN300, larger connection diameters on request

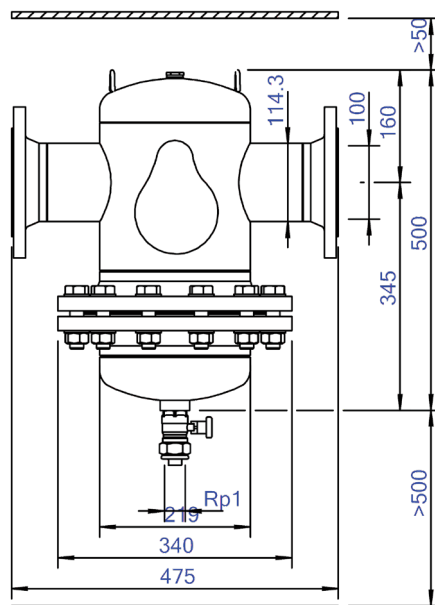
## Article number

### BF100F

## Product image



## Product dimensions



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## ETIM product data

|                                 |                |
|---------------------------------|----------------|
| Housing material                | Steel          |
| With drain tap                  | Yes            |
| Housing material quality        | St 37 (1.0254) |
| Backwash filter                 | No             |
| Medium temperature (continuous) | 0 - 110 °C     |
| Max. operating pressure         | 10 bar         |
| Kvs value                       | 244.8 m³/h     |
| Variable flow direction         | Yes            |
| With insulation                 | No             |
| Separator type                  | Dirt           |
| Connection                      | Flange         |
| Model                           | Horizontal     |
| Nominal diameter                | DN 100         |
| Max. glycol mixture             | 50 %           |
| Suitable for heating            | Yes            |
| Suitable for cooling            | Yes            |
| Construction length             | 475 mm         |
| Article pressure rating         | PN 10          |
| Suitable for open system        | No             |

|                                       |             |
|---------------------------------------|-------------|
| Suitable for closed system            | Yes         |
| Suitable for solar                    | No          |
| Whirl operating principle             | No          |
| Negative pressure operating principle | No          |
| With dismountable filter              | Yes         |
| Filter volume                         | 17 l        |
| Magnet operating principle            | No          |
| Thrust operating principle            | No          |
| With automatic de-aerator             | No          |
| Partial flow principle                | No          |
| Principle full flow with settling     | Yes         |
| Cleaning possible during operation    | Yes         |
| With couplers                         | Yes         |
| Inlet/outlet offset distance          | 0 mm        |
| Material of connection                | Steel       |
| Flow-through capacity                 | 0 - 47 m³/h |
| Flange standard                       | DIN         |
| Surface protection housing            | Lacquered   |
| Flange pressure rating (PN)           | PN 16       |

### Disclaimer

This product sheet has been compiled with the greatest possible care. Nevertheless, it may contain errors or omissions. For the most current and correct information we refer you to our website.

