

# Product data sheet Spirotech

## Product name

## SpiroCombi -DN80 -Flange

## Product properties

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

- Combined separation system - removes circulating air and microbubbles effectively
- Improve cost control and energy efficiency
- Applicable with 50/50 Ethylene Glycol / Water (Volume)
- Very small particles, from 5  $\mu\text{m}$  (= 0.005 mm), are separated and removed
- Dirt can be discharged while the system is in operation
- No shut-off valves or bypass required
- Constant low pressure drop
- PN16 flange connections
- Connection diameters from DN50 - DN300, larger connection diameters on request
- Exceptional guarantee

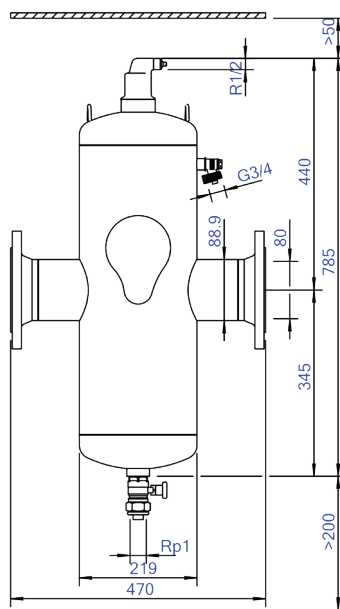
## Article number

## BC080F

## Product image



## Product dimensions



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## ETIM product data

|                          |                |                                       |           |
|--------------------------|----------------|---------------------------------------|-----------|
| Housing material         | Steel          | Article compression class             | PN 10     |
| With drain valve         | Yes            | Surface protection                    | Lacquered |
| Housing material quality | St 37 (1.0254) | Suitable for open system              | No        |
| Backwash filter          | No             | Suitable for closed system            | Yes       |
| Max. operating pressure  | 10 bar         | Suitable for solar                    | No        |
| Variable flow direction  | Yes            | With dismountable filter              | No        |
| With insulation          | No             | Filter volume                         | 25 l      |
| Separator type           | Air/dirt       | Magnet operating principle            | No        |
| Connection               | Flange         | With automatic de-aerator             | Yes       |
| Model                    | Horizontal     | With integrated replenishment automat | No        |
| Nominal diameter         | DN 80          | With couplers                         | No        |
| Max. glycol mixture      | 50 %           | Cleaning possible during operation    | Yes       |
| Suitable for heating     | Yes            | Material of connection                | Steel     |
| Suitable for cooling     | Yes            | Inlet/outlet offset distance          | 0 mm      |
| Construction length      | 470 mm         | Flange standard                       | DIN       |

### 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

