

# Product data sheet Spirotech

## Product name

### SpiroTrap -DN80 -Magnet -Flange

## Product properties

A steel dirt separator with magnet 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
- Integrated magnet for extra protection and removal of magnetite
- Dirt can be drained while the system is in operation
- No shut-off valves or bypass required
- Applicable with 50/50 Ethylene Glycol / Water (Volume)
- Constant low pressure drop
- Maintenance only takes a few seconds
- No unnecessary downtime
- PN16 flange connection
- Connection diameters from DN50 to DN 300, larger connection diameters on request

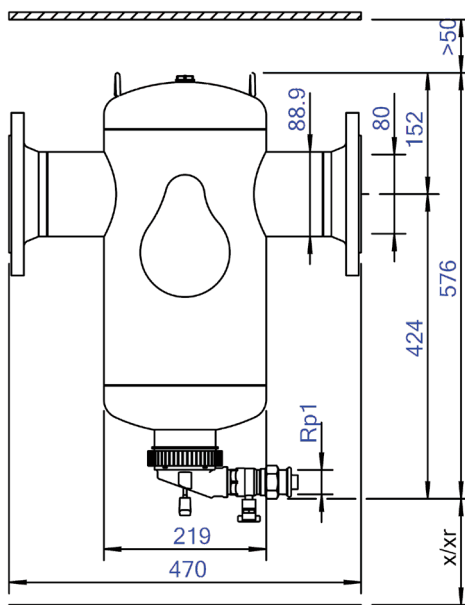
## Article number

**BE080FM**

## Product image



## Product dimensions



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## ETIM product data

|                                           |                         |
|-------------------------------------------|-------------------------|
| Housing material                          | Steel                   |
| With drain valve                          | Yes                     |
| Housing material quality                  | St 37 (1.0254)          |
| Backwash filter                           | No                      |
| Medium temperature (continuous)           | 0 - 110 °C              |
| Max. operating pressure                   | 10 bar                  |
| KVS value [m <sup>3</sup> /h] at ΔP 1 bar | 153.4 m <sup>3</sup> /h |
| Variable flow direction                   | Yes                     |
| With insulation                           | No                      |
| Separator type                            | Dirt                    |
| Connection                                | Flange                  |
| Model                                     | Horizontal              |
| Nominal diameter                          | DN 80                   |
| Max. glycol mixture                       | 50 %                    |
| Suitable for heating                      | Yes                     |
| Suitable for cooling                      | Yes                     |
| Construction length                       | 470 mm                  |
| Article compression class                 | PN 10                   |
| Surface protection                        | Lacquered               |

|                                       |                          |
|---------------------------------------|--------------------------|
| 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              | No                       |
| Filter volume                         | 17 l                     |
| Magnet operating principle            | Yes                      |
| 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 - 27 m <sup>3</sup> /h |
| Magnet location                       | Internal                 |
| 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

