# Product data sheet Spirotech

## Product name

**SpiroCross -DN100 -Magnet -Flange**

## Article number

**XC100FM**

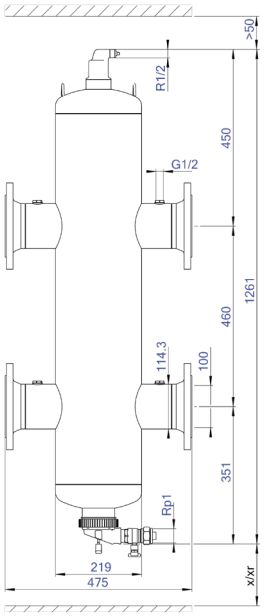
## Product properties

A steel hydraulic separator with (microbubble) deaerator and dirt separator with magnet with a DN50 - DN300 PN16 flange connection

- Three functions in a single component
- Just four connections instead of eight
- Optimal hydraulic balance between primary and secondary pumps
- SpiroTube guarantees minimal fluid mixing and thus the best temperature differential
- Applicable with 50/50 Ethylene Glycol / Water (Volume)
- Real, active deaeration and dirt separation
- Very small particles, from 5 µm (= 0.005 mm), are separated and removed
- Including a magnet for extra protection and highly efficient removal of magnetite
- The rotating outlet makes installation and maintenance easy
- Temperature sensors (not included) can be added in the in- and outlets
- Constant low pressure drop
- Compact design and limited build height
- PN16 flange connections
- Connection diameters from DN50 - DN300, larger connection diameters on request
- Exceptional guarantee

## Product image

## Product dimensions



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## ETIM product data

| | |
|---|---|
| **Max. operating pressure** | 10 bar |
| **Material** | Steel |
| **Max. medium temperature (continuous)** | 110 °C |
| **Suitable for heating** | Yes |
| **Suitable for cooling** | Yes |
| **Surface protection** | Lacquered |
| **Primary connection** | Flange |
| **Nominal diameter primary connection** | DN 100 |
| **Secondary connection** | Flange |
| **Nominal diameter secondary connection** | DN 100 |
| **With drain connection** | Yes |
| **With thermal insulation** | No |
| **Nominal diameter drain connection** | 1 inch |
| **Thermometer** | None |
| **Pressure gauge** | None |
| **Shut-off valve** | None |
| **Dirt separator** | At the primary return pipe |
| **Magnetite separator** | At the primary return pipe |
| **Dosing point for solid or liquid cleaning additives** | No |
| **Suitable for glycol** | Yes |
| **Suitable for ethanol** | Yes |
| **Number of boiler connections** | 2 |
| **Number of air-release connections** | 1 |
| **Nominal diameter air-release** | 1/2 inch internal thread |
| **Flange pressure rating (PN)** | PN 16 |
| **With drain valve** | Yes |
| **Flow-through capacity** | 47 $m^3/h$ |

**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.