

Extwin TW 100, Micro-bubble/dirt separator with flange of painted steel, 110 °C, 10 bar

Article number: 8253330



Features

| | |
|-------------------------------------|---------------|
| Type | TW 100 |
| Colour | grey |
| Housing material | painted steel |
| Installation variant | horizontal |
| Operating temperature | 0 °C - 110 °C |
| Operating pressure | 10 bar |
| Connection | DN100/PN16 |
| Connection variant | flange |
| Number of holes in flange | 8 hole |
| Max. volume flow | 47.0 m³/h |
| Flow rate characteristic value kvs | 244.3 m³/h |
| Diameter | 206 mm |
| Height | 940 mm |
| Height mid-flange (air separation) | 527 mm |
| Height mid-flange (dirt separation) | 413 mm |
| Min. space requirement above | 50 mm |
| Min. maintenance height | 370 mm |
| Installation length | 470 mm |
| Weight | 32.50 kg |

Description

Extwin

Combined air/microbubble and sludge separator for heating and cold water systems or sealed liquid-filled system circuits.

Suitable for the media water and water/glycol mixtures up to a mixing ratio of 50/50%.

Fitting for collecting gas bubbles from the liquid flow via optimised separating element or automatic, permanent discharge into the atmosphere via integrated, able to be isolated, Exvoid T large ventilator with 3-way valve bottom part.

Fitting for removing particles with a size from 5.0 micrometres from the flow of liquid by use of an insert designed specially for the purpose.

The cleaning and emptying of the dirt collection chamber is possible via a dedicated desludging ball valve without any necessity to interrupt operation.

Optional retro-fitting with an Exferro magnet insert for separation of ferromagnetic particles from the fluid flow.