Product factsheet

BT-Maric constant flow valves

Hardware product or technological device



Description

BT-Maric Constant Flow Valves save water and make products and processes more efficient – by always providing the chosen specified flow rate. BT-Maric Constant Flow Regulators are designed to your flow rate specification and deliver a pre-set (non-adjustable) flow rate, that automatically controls the flow of fluid in a pipe – irrespective of varying pressure differential.

Target audience

engineers, manufacturer, maintenance

Actors, their roles and interactions

The many unique features make the valves suitable for a variety of applications:

- INDUSTRIAL
- WATER TREATMENT
- WATER AUTORITIES
- IRRIGATION AND FARMING
- PROJECT MARKET
- PUMP PROTECTION

Unique selling points

- Designed for flow rates starting as low as 0.15 L/min going up to 13 500 L/min.
- Flow rates available in incremental small steps.
- 100% mechanical, self-regulating and does not require additional energy.
- Extremely precise: Our standard solution Precision has an accuracy of nominal flow rate +/- 10%, for the whole pressure drop range starting as low as 1,4 Bar up to 10 Bar.
- Simple, compact, reliable and characterized by a long operating life (20 years).
- Wide range of connection types and materials are available.
- High Pressure solutions managing pressure differentials up to 20 Bar.
- Low Pressure solutions managing pressure differentials from 0,45 Bar.
- Maintenance free: no need for spare parts. Due to the valves unique design and lack of wearing components spare parts are not available.
- Pre-set to avoid adjustment errors or unwanted system changes => the flow rate must be specified when ordering.
- Significantly reduce investment and operating costs.
- Prevent equipment break-down and extend life span of your equipment/product.
- A constant flow rate can offer valuable protection for sensitive equipment and water distribution systems
- Self-regulating: the rubber's orifice diameter responds automatically to pressure fluctuations.
- Self-cleaning: do not clog.
- The constant flow valves are primarly for water applications and these valves are particularly suitable for use on poor water quality because the flow controlling element is a rubber material which flexes under normal operation. This greatly minimizes the risk of blockage and thus eliminates the build-up of scale.
- Save water or other media. Reduce waste.
- Conform to industry standards and quality: ISO9001:2015, ISO140001:2015 and French certificate of sanitary conformity (ACS).as well the Australian potable water authority.
- We help our customers to customise valves and inserts.

URL

https://www.bertfelt.com/

Technology applied by the product

- **Optimisation**

Related tags

improvement | optimise | Ultrafiltration | reduce | sewer mining | wastewater treatment technologies | Sludge management | Horticulture | Industrial | Agricultural | Sustainable water use | Improve water efficiency | efficiency | hydrology | drinking water

Downloads

The following file can be downloaded from the online page of the product: https://mp.watereurope.eu/d/product/78

- BT-Maric constant flow valves
  How to specify our constant flow valves?