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

D E V E L O P M E N T

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?