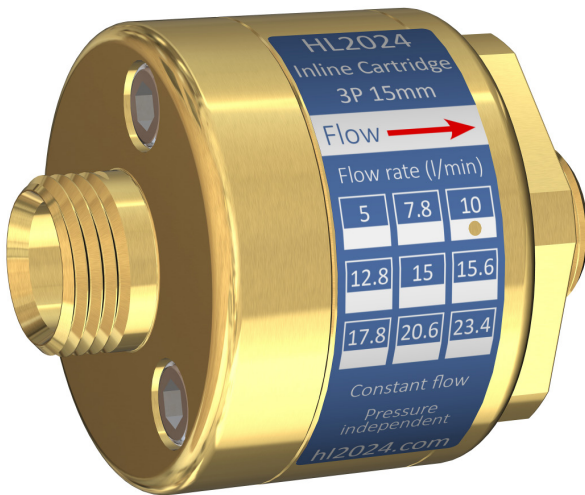


DATA SHEET - HL2024 Inline Cartridge 3P 15mm

Pressure independent modular flow controller. Ensures optimal flow control for high-volume flows.



Top left: HL2024 Inline Cartridge 3P 15mm

Bottom right: HL2024 Inline Cartridge 3P 15mm incl. compression fittings - dimensions (in mm)

Specifications

Mounting: into the piping
Connection in-/outlet: G 1/2" (BSPP) male x 15mm for compression fittings
Total length excl. compression fittings: 68.0 mm
Total length incl. compression fittings: ± 85.0 mm
Thread length in-/outlet (incl. thread undercut): 11.0 mm
Diameter: 55.0 mm
Weight (excl. compression fittings): 584 g
Housing material: brass (4MS)
Finish outside: none
Finish water contact area: n/a
Max. particle size: 400 μm
Max. operating temperature: 90 °C *

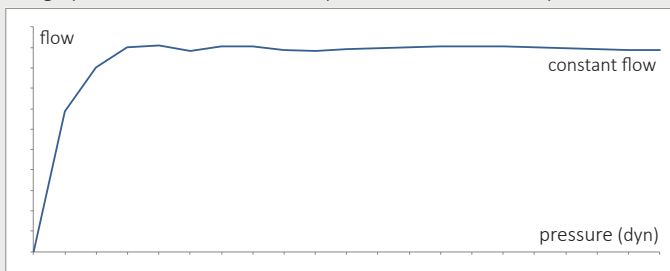
Flow rate versions (combination of HL2024 inserts):

5.0 | 7.8 | 10.0 | 12.8 | 15.0 | 15.6 | 17.8 | 20.6 | 23.4 l/min
150/200-1.000 kPa/dyn (depending on HL2024 insert combination)

Constant flow: pressure independent

Flow deviation within mentioned dynamic pressure range: max. 2%. **

The graph shows the constant flow performance of HL2024 products.



* In case of permanent or semi-permanent use at 500 kPa/dyn or more combined with 60 °C or more, please contact us at info@hl2024.com.

** Counter-pressure in the system might somewhat influence the flow rate.

Figure number: 1340

Product overview

Optimal flow control for high-volume flows

The HL2024 Inline Cartridge creates a constant flow through its unique property of pressure independence. Fitted into the piping, the HL2024 Inline Cartridge is optimally suitable to control flows into specified areas of any water system. As such it ensures system stabilisation, optimal user comfort and savings.

Certified constant flow

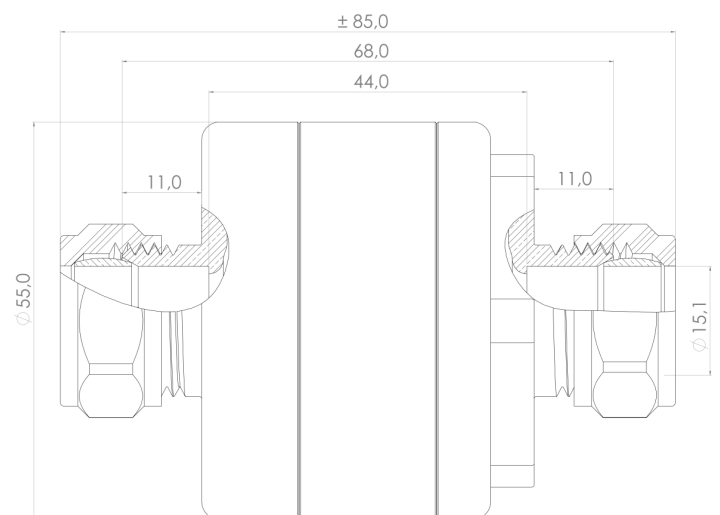
HL2024 products are pressure independent and as such provide a constant flow as certified by Kiwa, Netherlands (BRL-K635). The product meets the requirements for Kiwa Water Mark and primary European drinking water standards. All HL2024 products contain one or more integrated HL2024 Flow Regulator(s). HL2024 is uniquely certified for pressure independence and long term operation.

Application

In the piping.

Key properties

- Optimal flow control as a result of constant flow
- Customisable flow rate
- Definition of peak volume demand
- System stabilisation
- Water- and energy savings
- System pressure loss reduction



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2. In addition to and without prejudice to the General terms and conditions of sale and delivery, these General terms and conditions of installation and use apply to the legal relationship between HGP International, including third parties engaged by HGP International, on the one hand, and one or more customers and / or users on the other hand, in the context of the installation and use of HGP International products.

Use of products

3. The customer must at all times follow the instructions and directions regarding the use of HGP International products. Any guarantee and / or liability of HGP International will be null and void if the instructions and directions have not been fully followed.

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Other

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10. All costs, judicial and extrajudicial, related to the collection of sums owed to HGP International are fully for the account of the customer.
11. The legal relationship between HGP International and the customer will be governed by Dutch law, under exclusion of the Vienna Sales Convention, and all disputes will be settled exclusively by the competent court in the District of Amsterdam, The Netherlands.
