DATA SHEET - HL2024 Inline 1P 3/4"

Pressure independent flow controller. Ensures optimal flow control.

Top left: HL2024 Inline 1P 3/4"
Bottom right: HL2024 Inline 1P 3/4" - dimensions (in mm)

Specifications

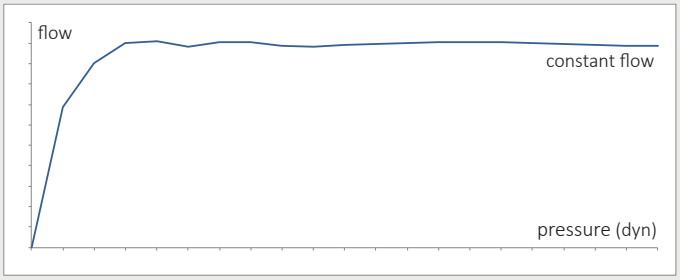
Mounting: into the piping
Connection inlet: G 3/4" (BSPP) male, flat face
Connection outlet: G 3/4" (BSPP) male, flat face
Total length (including thread): 61.0 mm
Thread length male (including thread undercut): 11.0 mm
Diameter: 31.0 mm
Weight: 194 g
Housing material: brass (4MS)
Finish outside: none
Finish water contact area: n/a
Max. particle size: 400 µm
Max. operating temperature: 90°C *

Flow rate versions

5.0 l/min (150-1.000 kPa/dyn)
7.8 l/min (200-1.000 kPa/dyn)

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 comercial@cenergist.com
** Counter-pressure in the system might somewhat influence the flow rate.

Figure number: 1140

Product overview

Optimal flow control

The HL2024 Inline creates a constant flow through its unique property of pressure independence. Fitted into the piping, the HL2024 Inline 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
- Definition of peak volume demand
- System stabilisation
- Water- and energy savings
- System pressure loss reduction