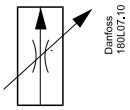
Data sheet

Nessie® Flow Control Valve

(Pressure-compensated manually variable throttle valve)

Type VOH 30 PM



Design and function

The flow control valve is used for controlling the water flow and thereby the speed of an actuator (motor or cylinder).
The built-in pressure compensator ensures that the flow through the valve is constant and independent of the pressure conditions of the system.

The desired flow is set manually by means of a handle on the valve.
The valve is designed for ordinary water, i.e. without additives of any kind to the medium. (EU-ordinary water directive EU 98/83/EC).

Features

- Constant flow, regardless of the pressure before and after the valve.
- Corrosion-proof outside parts (stainless steel, AISI 316 L)
- Surface easy to clean

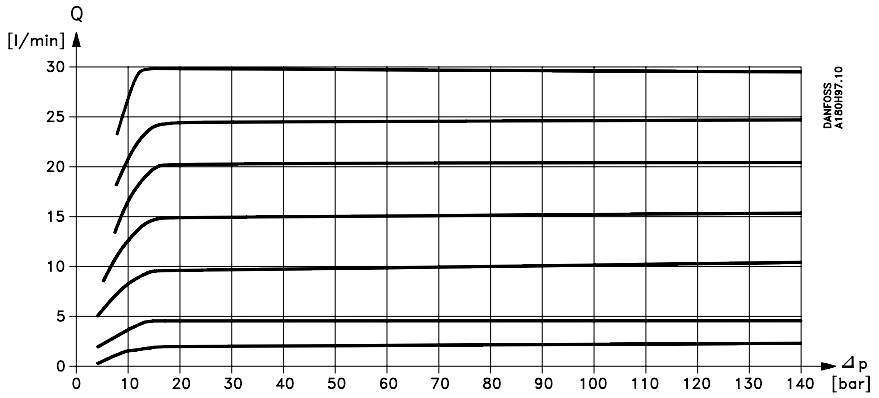
Technical data

Max. inlet pressure	140 bar
Max. flow	30 l/min cont.
Min. flow	3 l/min
Max. pressure drop across the valve	140 bar
Min. pressure drop	15 bar
Max. fluid temperature	50°C

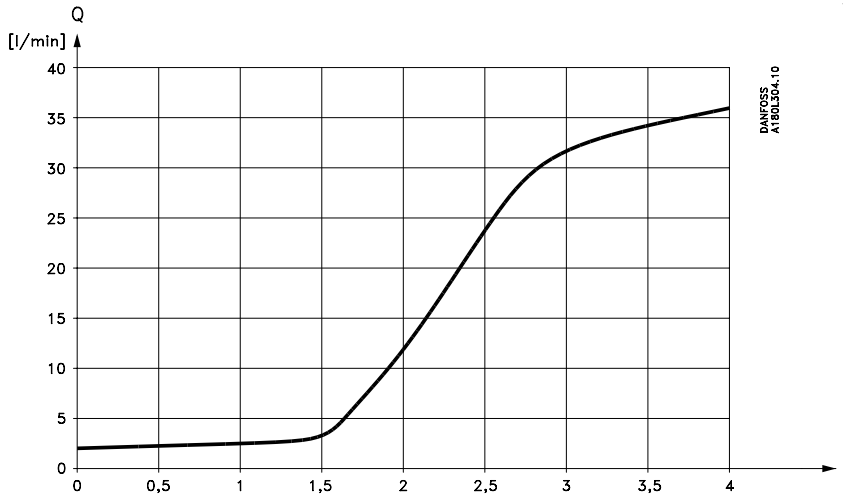
Filtration

The water must be clean (according to the EU drinkingwater directives 98/83/EC) and must be free from sediments.
Filtered through a 10 µm absolute filter with a β_{10}-value > 5000 or better.

P/Q characteristic



Flow as a function of rotation on the handle



No. of turns of handle

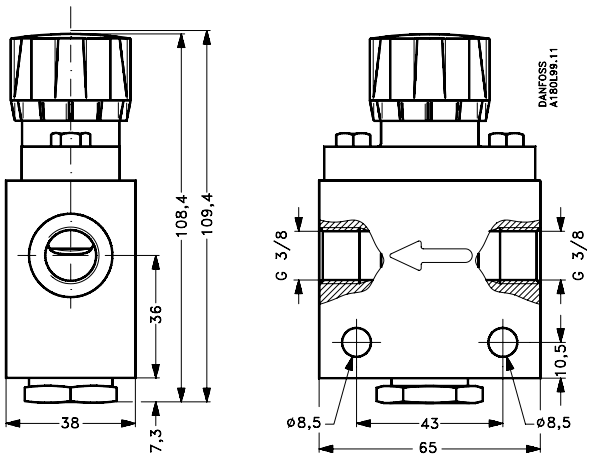
Mounting

The valve can be mounted in-line and is secured by means of the system's piping or fastened by means of the two ∅8,5 mm holes in the valve.

Code number

VOH 30 PM	180H0204

Dimensions (in mm)



Produced by Danfoss Industri Service - Advertising 06.01 BPV.E