

Data sheet

# Flow control valve

## VOH 30PM

(Pressure-compensated manually variable throttle valve)



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).

If the recommendations in the manual are not followed, Danfoss reserves the right to void the warranty.

### 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

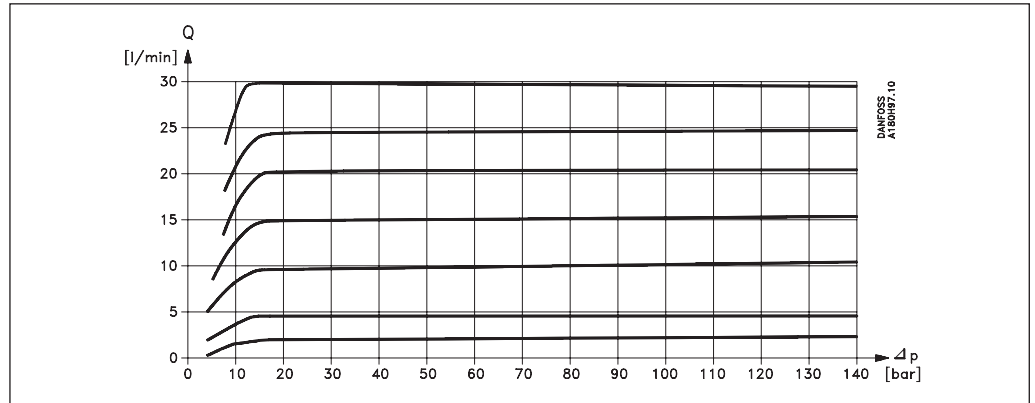
### Technical data

VOH 30 PM Code number	180H0204
Max. inlet pressure	140 barg
Max. flow	30 l/min. cont.
Min. flow	3 l/min.
Max. pressure drop across the valve	140 barg
Min. pressure drop	15 barg
Max. fluid temperature	50 °C

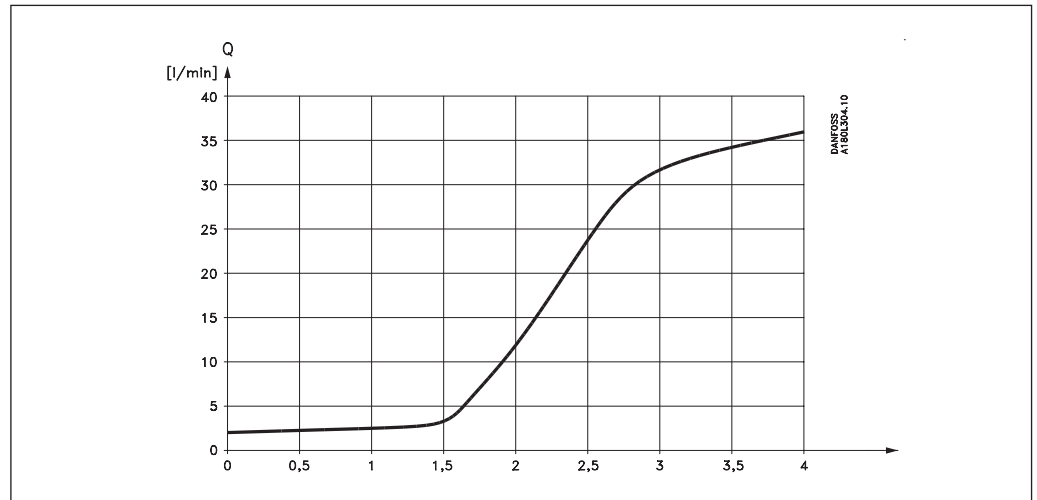
### Filtration

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  $\beta_{10}$  - value > 5000 or better.

**P/Q characteristic**



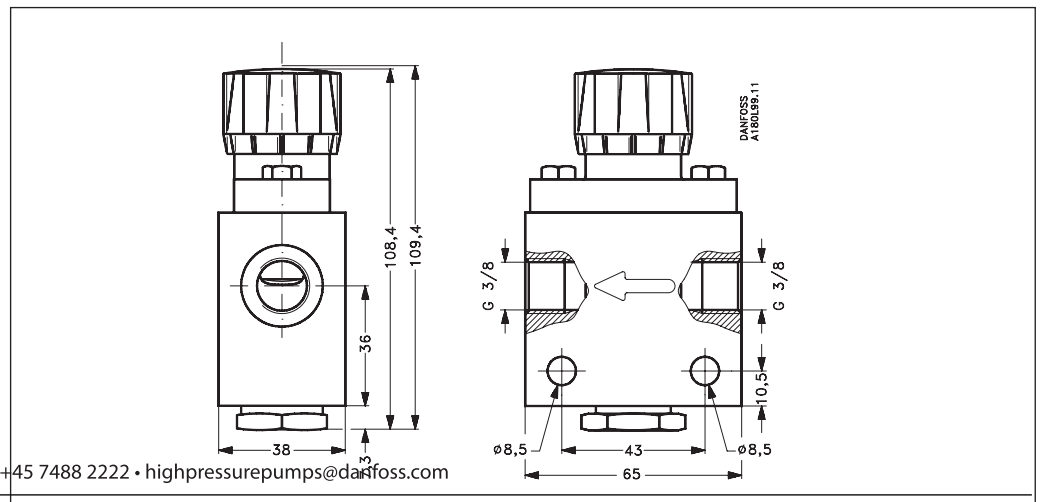
**Flow as function of rotation on the handle**



**Mounting**

The valve can be mounted in-line and is secured by means of the system's pipping or fastened by means of the two  $\varnothing 8.5$  mm holes in the valve.

**Dimensions (mm)**



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