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in title  KOBOLD-Model

## Flow Restrictors REG

**Flow:** 0.5 ... 40 l/min water

**Connection:** G 1/2, G 3/4, 3/4" NPT

**Material:** brass, stainless steel

**p<sub>max</sub>:** 200 bar

**t<sub>max</sub>:** 300°C



## Function - demo video

0:00 / 1:18

## Datasheet



**reg-gb-accessories**

520 KB

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REG rate regulators are ideally suited for the simple restriction to a preset value of throughputs of water, or of liquids similar to water. The flow restrictors ensure equilibrium, particularly in systems with many users and resulting pressure fluctuations caused by random flow conditions. In other words, the desired throughput is not exceeded. Constant flow is achieved by two stainless steel diaphragms that are crosswise mounted and riveted together.

The gap between the spring-loaded stainless steel plate and seal face is continuously varied as the differential pressure changes. As the differential pressure decreases the gap widens, and it closes as the pressure increases, thus maintaining a constant flow volume through the device.

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