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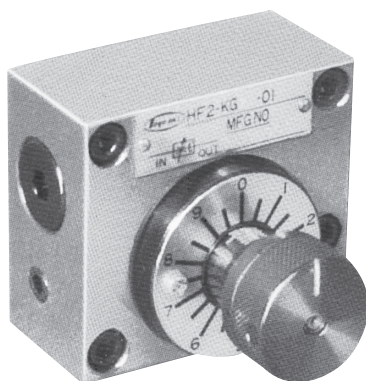
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FLOW CONTROL VALVE (HF)

FLOW CONTROL VALVE (HF) (WITH PRESSURE AND TEMPERATURE COMPENSATION) SIZE 01



This valve controls flow by changing the cross-sectional area through which fluid flows. Since it incorporates a pressure compensation mechanism and temperature compensation mechanism, the controlled flow is kept constant regardless of the pressure variation at the IN and/or OUT port and the viscosity variation due to temperature change.

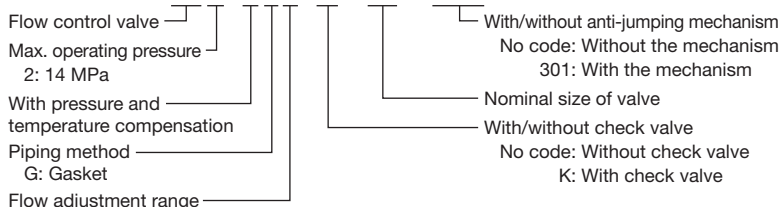
When equipped with a check valve, this valve allows reverse flow of compressed fluid.

- To achieve good pressure compensation performance, the pressure difference between the IN and OUT ports must be maintained at 0.6 MPa or larger.
- The flow is controlled almost in direct proportion to the division on the flow adjusting dial, and since the dial can be rotated five turns, fine flow adjustment is possible.
- If subplate SHF01-02T1 is necessary, please order one separately.
- When the valve is provided with a check valve, the check valve cracking pressure is 0.04 MPa.
- Option

Anti-jumping mechanism ... This option restricts jumping or pop-out of the actuator at the start of movement. Please specify "301" at the end of the model designation.

■ Description of the model designation

HF2-KG2 (K) -01-(301)

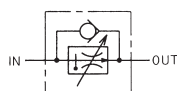


Without check valve



Nominal size	Max. operating pressure (MPa)	Flow adjustment range (L/min)	Model
01	14	0.01 to 1	HF2-KG1-01
		0.1 to 2	HF2-KG2-01
		0.1 to 6	HF2-KG6-01
		0.1 to 12	HF2-KG12-01

With check valve



Nominal size	Max. operating pressure (MPa)	Flow adjustment range (L/min)	Model	Free flow (L/min)
01	14	0.01 to 1	HF2-KG1K-01	12
		0.1 to 2	HF2-KG2K-01	
		0.1 to 6	HF2-KG6K-01	
		0.1 to 12	HF2-KG12K-01	

■ Outside dimensions