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Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

<https://toyooki.nt-rt.ru> || tik@nt-rt.ru

FLOW CONTROL VALVE (HF)

FLOW CONTROL VALVE (HF) (WITH PRESSURE COMPENSATION) SIZE 02



This valve controls flow by changing the cross-sectional area through which fluid flows. Since it incorporates a pressure compensation mechanism, the flow is kept constant even if the pressure varies at the IN and/or OUT port.

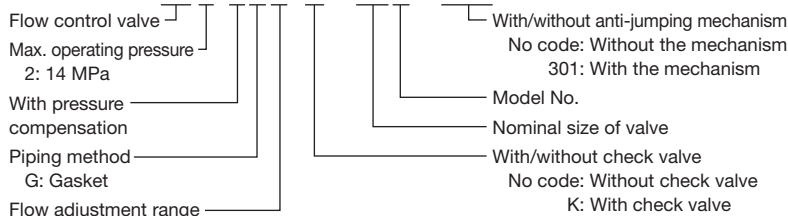
When equipped with a check valve, this valve allows reverse flow of compressed fluid.

- To achieve good pressure compensation performance, the pressure difference between the IN and OUT ports must be maintained at 0.6 MPa or larger.
- If subplate SHF02-03T1 is necessary, please order one separately.
- The flow is controlled almost in direct proportion to the division on the flow adjustment dial.
- 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-PG2(K)-02A-(301)



Without check valve



Nominal size	Max. operating pressure (MPa)	Flow adjustment range (L/min)	Model
02	14	0.1 to 1	HF2-PG1-02A
		0.1 to 2	HF2-PG2-02A
		0.2 to 8	HF2-PG8-02A
		0.3 to 16	HF2-PG16-02A

With check valve



Nominal size	Max. operating pressure (MPa)	Flow adjustment range (L/min)	Model	Free flow (L/min)
02	14	0.1 to 1	HF2-PG1K-02A	30
		0.1 to 2	HF2-PG2K-02A	
		0.2 to 8	HF2-PG8K-02A	
		0.3 to 16	HF2-PG16K-02A	