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PRESSURE REDUCING VALVE (HG) DIRECT TYPE



A pressure reducing valve reduces the pressure in a portion of the hydraulic circuit to a level lower than the main pressure. It maintains the pressure in the reduced pressure circuit at the specified level even if the main circuit pressure fluctuates.

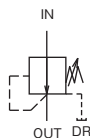
■Features

1. This valve allows the setting of a low pressure and stably maintains this pressure at the set level.
 2. The direct acting type valve ensures a quick response and generates virtually no surge pressure.
- For size 03 and larger valves, the mounting dimensions are the same as those of the balance piston type pressure reducing valve.
 - For size 03 and larger valves, the drainage volume varies depending on the setting pressure.

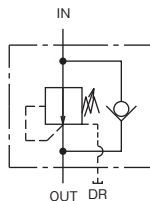
Setting at 1 MPa: 1.5 L/min

Setting at 3.5 MPa: 3.5 L/min

Without Check Valve

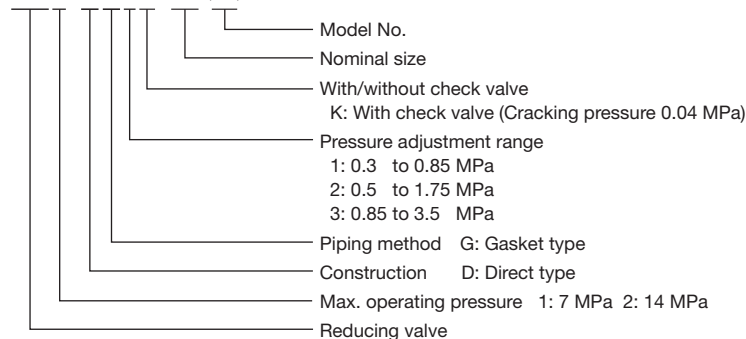


With Check Valve



■Description of the model designation

HG2-DG1K-02 (A)



■Specifications

Nominal size	Rated flow rate (L/min)	Max. operating pressure (MPa)	Pressure adjustment range (MPa)	Model	
				Without check valve	With check valve
02	5	14	0.30 to 0.85	HG2-DG1-02A	HG2-DG1K-02A
			0.50 to 1.75	HG2-DG2-02A	HG2-DG2K-02A
			0.85 to 3.5	HG2-DG3-02A	HG2-DG3K-02A
			1.75 to 7	HG2-DG4-02A	HG2-DG4K-02A
03	20	7	0.30 to 0.85	HG1-DG1-03	HG1-DG1K-03
	30		0.50 to 1.75	HG1-DG2-03	HG1-DG2K-03
	50		0.85 to 3.5	HG1-DG3-03	HG1-DG3K-03
06	75		0.30 to 0.85	HG1-DG1-06	HG1-DG1K-06
			0.50 to 1.75	HG1-DG2-06	HG1-DG2K-06
			0.85 to 3.5	HG1-DG3-06	HG1-DG3K-06

B

PRESSURE CONTROL VALVES