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Челябинск (351)202-03-61
Череповец (8202)49-02-64
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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

PRESSURE REDUCING VALVE (HG)

PRESSURE REDUCING VALVE (HG) (BALANCE PISTON TYPE)



Features

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.

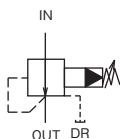
- Set the pressure in the reduced pressure circuit to a level at least 0.7 MPa lower than the main circuit pressure.
- Return the drainage (DR) directly to the reservoir independently since the drainage volume is approximately 0.8 to 1.2 L/min.

Description of the model designation

HG3-BG1 (K) -03

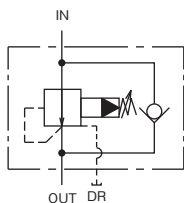
- Nominal size
- With/without check valve K: With check valve
- Pressure adjustment range 1: 0.7 to 7 MPa
2: 3.5 to 14 MPa
3: 10.5 to 21 MPa
- Piping method G: Gasket type
T: Rc thread type
- Construction B: Balance piston type
- Max. operating pressure 3: 21 MPa
- Relief valve

Without check valve



Nominal size	Rated flow rate (L/min)	Max. operating pressure (MPa)	Pressure adjustment range (MPa)	Model	
				Thread joint type	Gasket joint type
03	35	21	0.7 to 7	HG3-BT1-03	HG3-BG1-03
			3.5 to 14	HG3-BT2-03	HG3-BG2-03
			10.5 to 21	HG3-BT3-03	HG3-BG3-03
06	120		0.7 to 7	HG3-BT1-06	HG3-BG1-06
			3.5 to 14	HG3-BT2-06	HG3-BG2-06
			10.5 to 21	HG3-BT3-06	HG3-BG3-06

With check valve



Nominal size	Rated flow rate (L/min)	Max. operating pressure (MPa)	Pressure adjustment range (MPa)	Model	
				Thread joint type	Gasket joint type
03	35	21	0.7 to 7	HG3-BT1K-03	HG3-BG1K-03
			3.5 to 14	HG3-BT2K-03	HG3-BG2K-03
			10.5 to 21	HG3-BT3K-03	HG3-BG3K-03
06	120		0.7 to 7	HG3-BT1K-06	HG3-BG1K-06
			3.5 to 14	HG3-BT2K-06	HG3-BG2K-06
			10.5 to 21	HG3-BT3K-06	HG3-BG3K-06

B

PRESSURE CONTROL VALVES