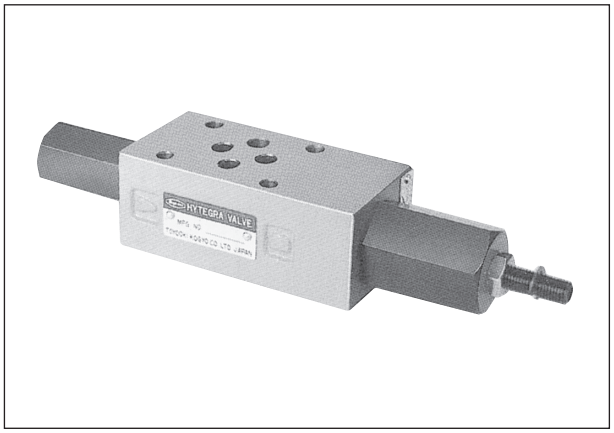
PRESSURE REDUCING VALVE FOR LOW-PRESSURE CIRCUIT (HG1H) SIZE 025 / 03



- If back pressure is applied to the drain port, the setting pressure increases by the applied back pressure. Due attention must be paid especially to the R port back pressure when an internal drain type pressure reducing valve is used.
- The pressure in the reduced pressure circuit should be set by 1.0 MPa or more lower than the pressure in the main circuit.

■Description of the model designation

●Size 025

HG1H-P-D1(D)-025B

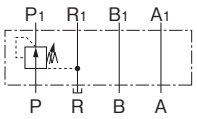
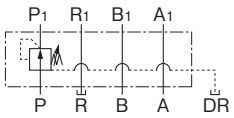
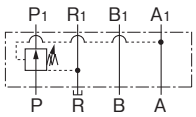
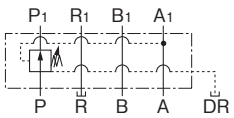
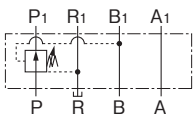
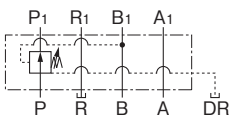
- Model No.
- Nominal size
- Drain type No code: Internal drain
  D: External drain
- Pressure adjustment range 1: 0.3 to 0.85 MPa
  2: 0.5 to 1.75 MPa
  3: 0.85 to 3.5 MPa
- Construction D: Direct type
- Control port P: P port A: A port
  B: B port
- Stack type
- Max. operating pressure 1: 7 MPa
- Pressure reducing valve

●Size 03

HG1H-D1(D)-03(P)

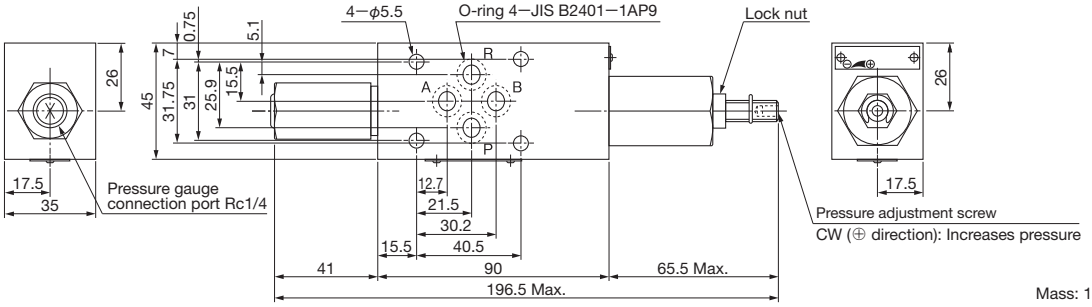
- Control port P: P port A: A port
  B: B port
- Nominal size
- Drain type No code: Internal drain
  D : External drain
- Pressure adjustment range 1:0.3 to 0.85MPa
  2:0.5 to 1.75MPa
  3:0.85 to 3.5 MPa
- Construction D: Direct type
- Stack type
- Max. operating pressure 1: 7 MPa
- Pressure reducing valve

■Specifications

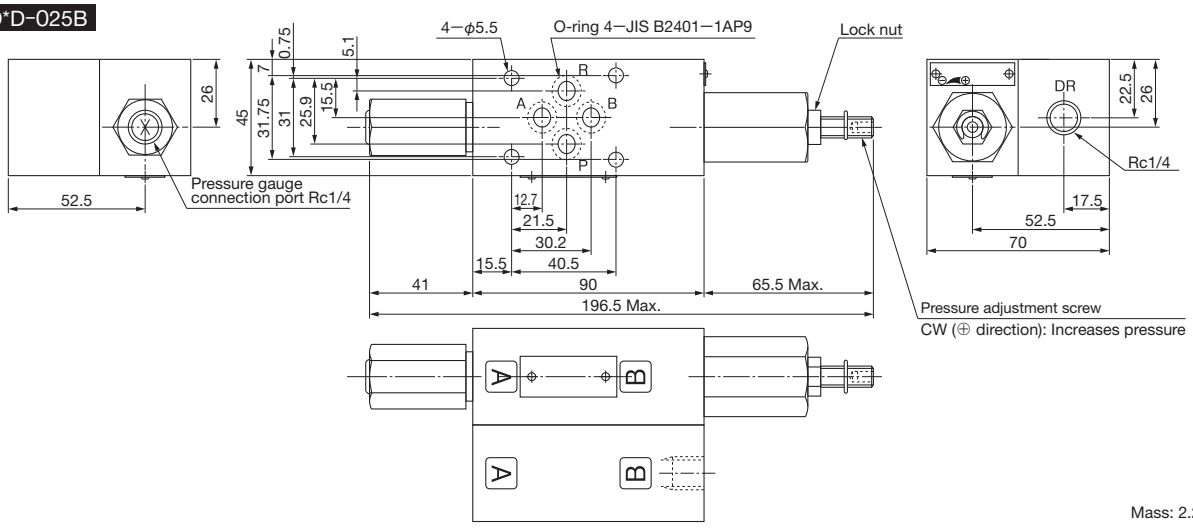
Control port	Method	Model	Max. operating pressure (MPa)	Rated flow rate (L/min)	Max. flow rate (L/min)	Symbol	Pressure adjustment range (MPa)
P	Internal drain	HG1H-P-D*-025B	7	20	40		* Symbol 1: 0.3 to 0.85 2: 0.5 to 1.75 3: 0.85 to 3.5
		HG1H-D*-03(P)		40	80		
	External drain	HG1H-P-D*D-025B		20	40		
		HG1H-D*D-03(P)		40	80		
A	Internal drain	HG1H-A-D*-025B		20	40		
		HG1H-D*-03(A)		40	80		
	External drain	HG1H-A-D*D-025B		20	40		
		HG1H-D*D-03(A)		40	80		
B	Internal drain	HG1H-B-D*-025B		20	40		
		HG1H-D*-03(B)		40	80		
	External drain	HG1H-B-D*D-025B		20	40		
		HG1H-D*D-03(B)		40	80		

■Outside dimensions

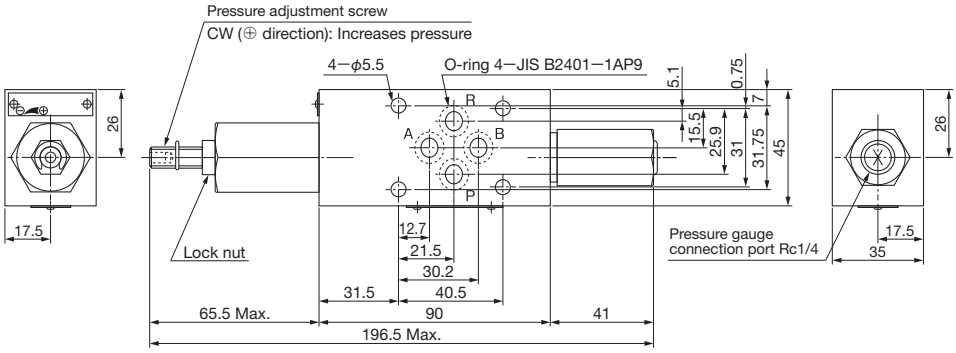
HG1H-P-D*-025B
HG1H-A-D*-025B



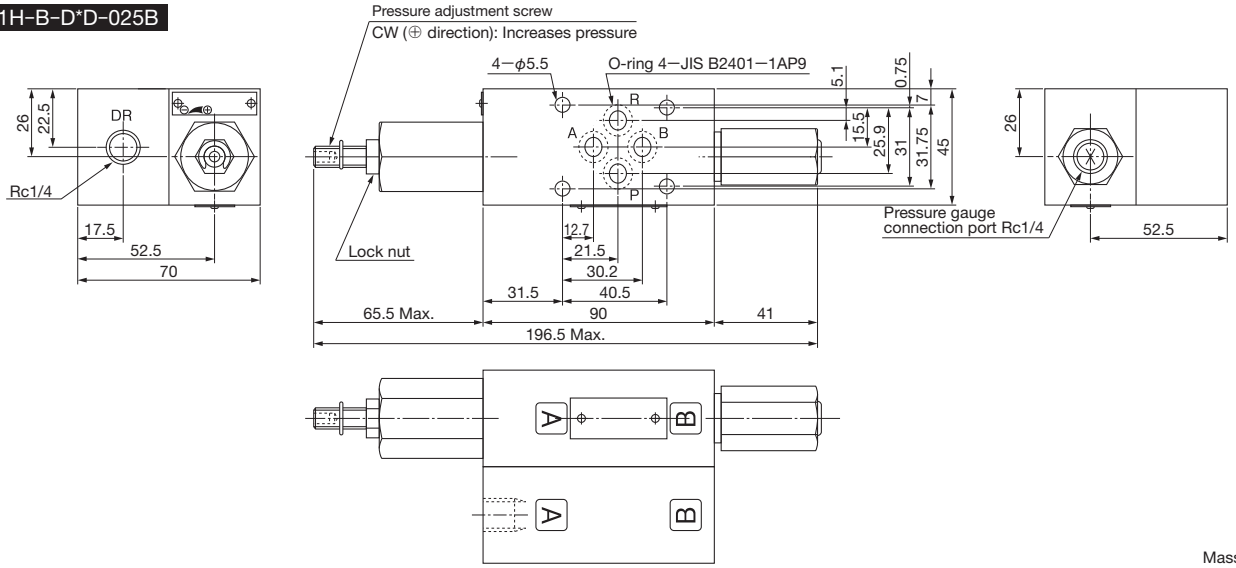
HG1H-P-D*D-025B
HG1H-A-D*D-025B



HG1H-B-D*-025B

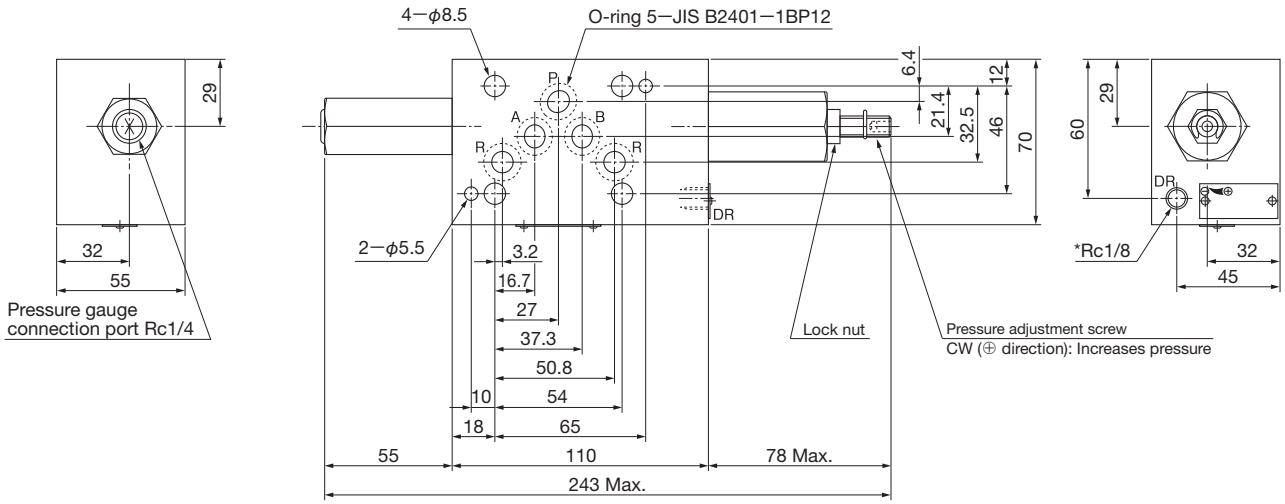


HG1H-B-D*D-025B



■Outside dimensions

HG1H-D*(D)-03(*)



Mass: 3.4kg

* Symbol

Model	DR
HG1H-D*-03(*)	Without drain port
HG1H-D*D-03(*)	Drain port Rc1/8