

Reduce partially the pressure in the circuit. Non-leak valve with no drain.

Specifications

Model	VRG-L ^②	VRG-M ^②	VRG-H ^②
Pressure range at primary side	2 ~ 7 MPa	7 ~ 30 MPa	10 ~ 30 MPa
Pressure range at secondary side	1 ~ 6 MPa	1 ~ 20 MPa	7 ~ 27 MPa
Min. allowable pressure between primary/secondary	1 MPa	3 MPa	3 MPa
Proof pressure	10.5 MPa	37.5 MPa	37.5 MPa
Orifice area	28.1 mm ²		
Operating temperature	0 ~ 70 °C		
Applicable fluid	Normal operation oil (Equivalent to ISO-VG32)		
Mass	1.0 kg (Manifold type : 0.9 kg)		

Model designation model **VRG** — ^① ^②

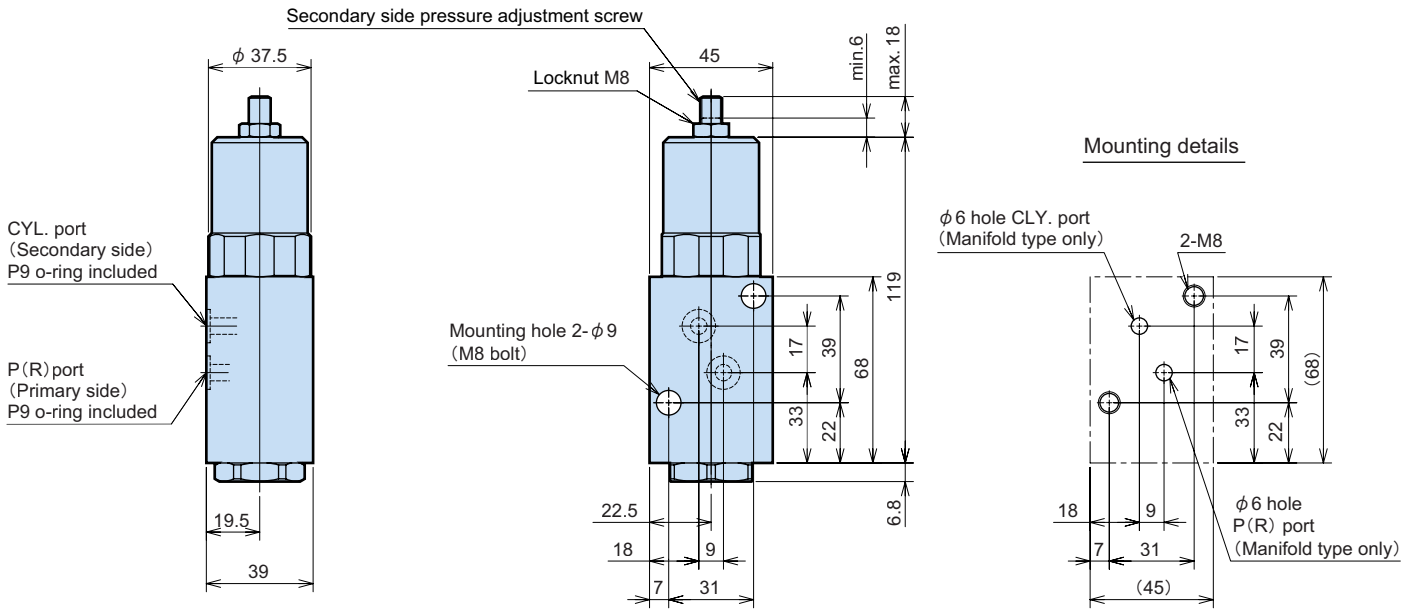
VRG	—	① Pressure range at primary side	② Mounting and piping
		L : 2~ 7 MPa	G : Manifold type
		M : 7~ 30 MPa	S : VHC coupling type
		H : 10~ 30 MPa	T : Piping type

Example) Pressure at primary 5MPa, manifold type : model VRG-LG

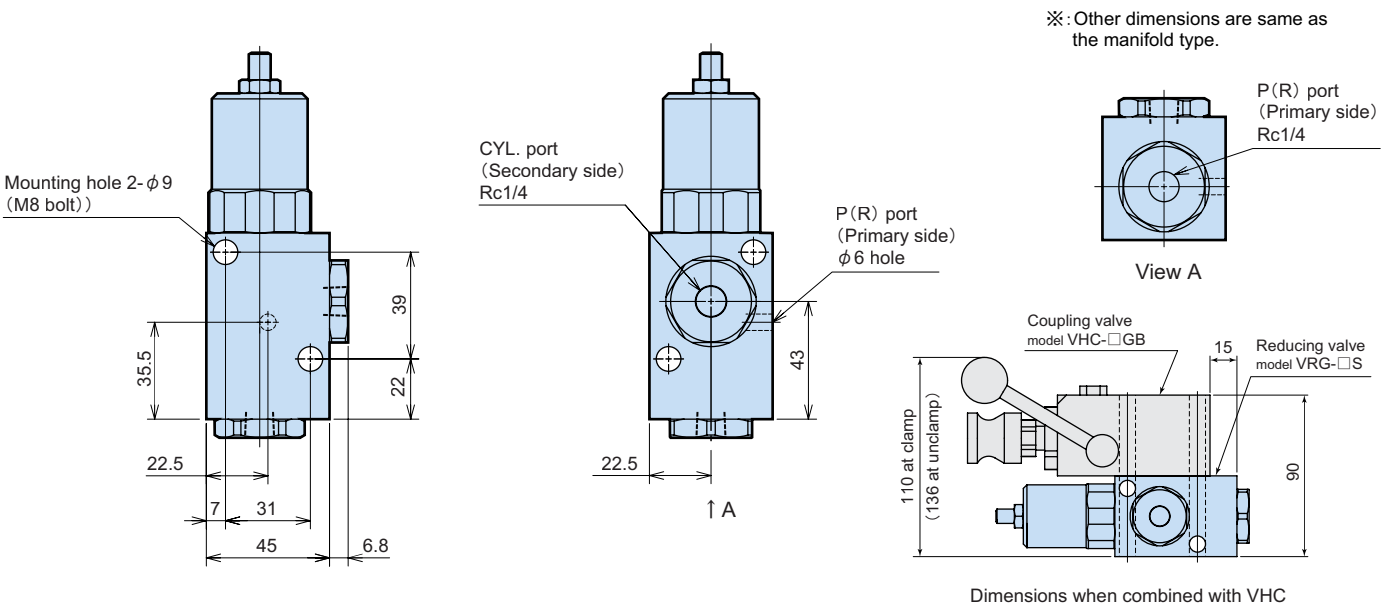
Remarks

- VHC coupling type (model VRG-□S) is possible to use with the coupling valve (model VHC-□GB).
- If the pressure at secondary side is dropped down by temperature changing or oil leaking, the circuit automatically opens, then oil is filled to the proper level. If the primary side is separated from hydraulic source, the oil is not supplied.
- For manifold type (model VRG-□G), the mounting surface finish should be no rougher than Rz 6.3 (ISO 4287:1997).
- Mounting screws are not included.
- The new reducing valve is not interchangeable to the old model VRD.

model **VRG-□G** Manifold type ※Built-in filter (P, CYL. port)



model **VRG-□S** VHC coupling type ※Built-in filter (P, CYL. port)



model **VRG-□T** Piping type ※Built-in filter (P, CYL. port)

