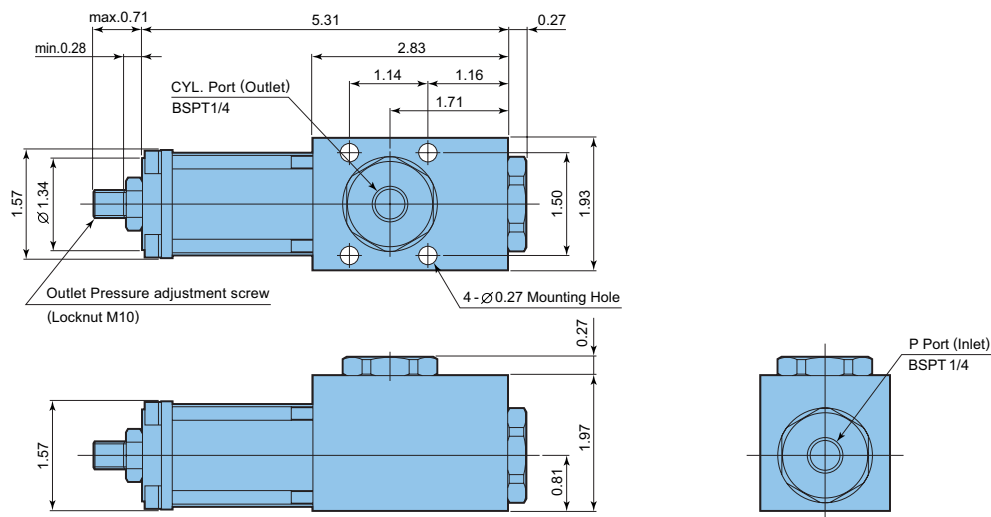


Partially reduces in-circuit oil pressure.

Model	VRD-M	VRD-H
Type of Mounting	Piping Type	
Inlet Hydraulic Pressure Range	1000 ~ 4350 psi	1450 ~ 4350 psi
Outlet Hydraulic Pressure Range	150 ~ 2900 psi	1000 ~ 3900 psi
Proof Pressure	5400 psi	
Orifice Area	0.025 in ²	
Minimum Differential Pressure between Inlet & Outlet	450 psi	
Ambient Temperature	32 ~ 158 °F	
Fluid Used	ISO-VG32 equivalent normal operation oil	
Mass	3.3 lb	

There is a type available that fluorine rubber (Viton) is adopted at the sealing portions for protection against chlorine coolant. (Symbol V. Example : model VRD-□-V, This is not a heat proof specification.)

model **VRD-M/H** Piping Type ※Built-in Filter included



※Mounting Bolt is not furnished.

NOTE

If there is a pressure drop at outlet side (lower pressure side) by P3 value (see formula on the right) from an environment temperature change or oil leak, the circuit is automatically opened to supply oil up to the designated outlet pressure level.

※When the port of inlet side is separated from hydraulic source, this function will not work (oil will not be supplied).

$$P3 > 0.074 (P1 - P2)$$

- P1 : Inlet pressure value
- P2 : Designated outlet pressure value
- P3 : Dropped value from P2.