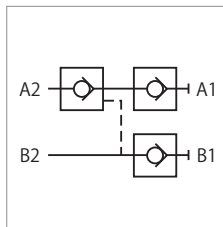
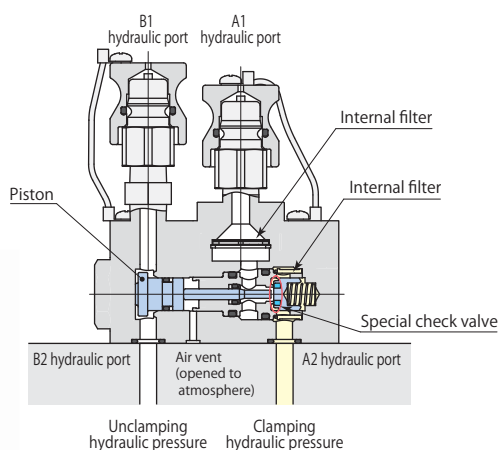


Coupling valve model **VCB**

This is a non-leak valve, with which coupling of double acting clamp can be performed easily and clamping circuit pressure can be retained over a long period of time after disengagement of hydraulic pressure source.

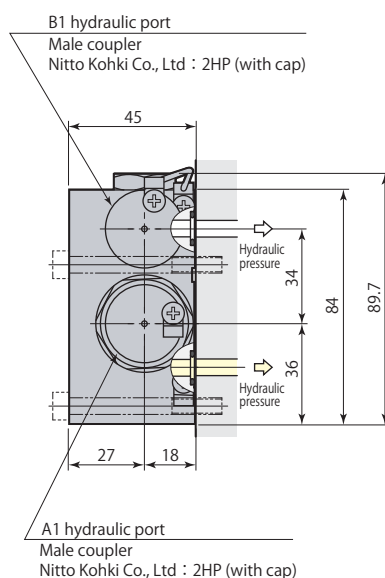
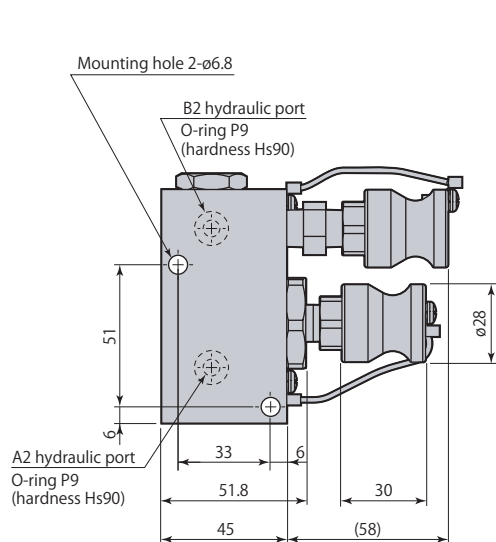
Specifications

Model		VCB-HGB	VCB-HGS	VCB-HT
Mounting, piping methods		Manifold, GB mounting	Manifold, GS mounting	Piping mounting
Pressure range	MPa	7–30		
Proof pressure	MPa	37.5		
Min. pilot pressure (open valve)	MPa	$0.3 + 0.23 \times \text{secondary side pressure}$		
Orifice area	mm ²	14.2		
Operating temperature	°C	0–70		
Fluid used		General mineral based hydraulic oil (ISO-VG32 equivalent)		
Mass	kg	1.4		

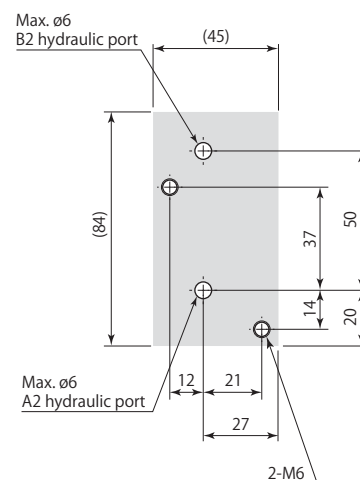
- There is also a type that adopts fluorocarbon for seal sections where cutting fluid is applied, as a measure for the use of chlorine-based cutting fluid (this is not thermal resistant specification. Model designation VCB-□□-V).

Dimensions

VCB-HGB Manifold, GB mounting *With internal filter (A1 & A2 hydraulic ports)



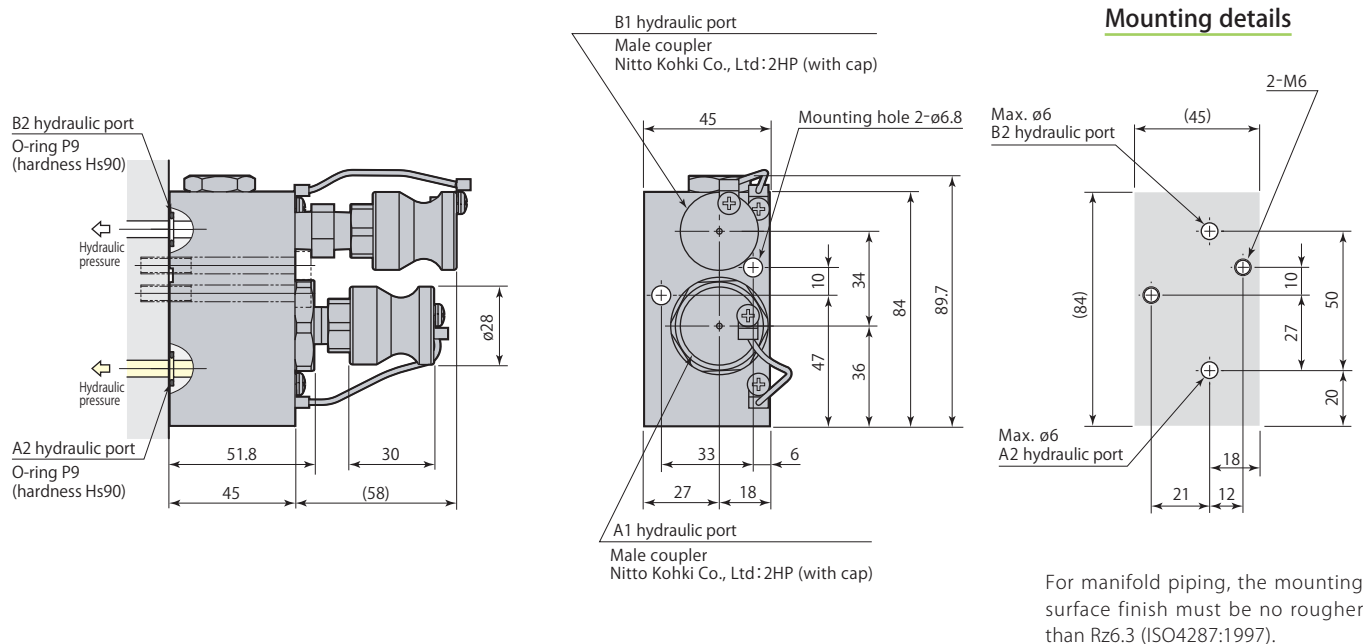
Mounting details



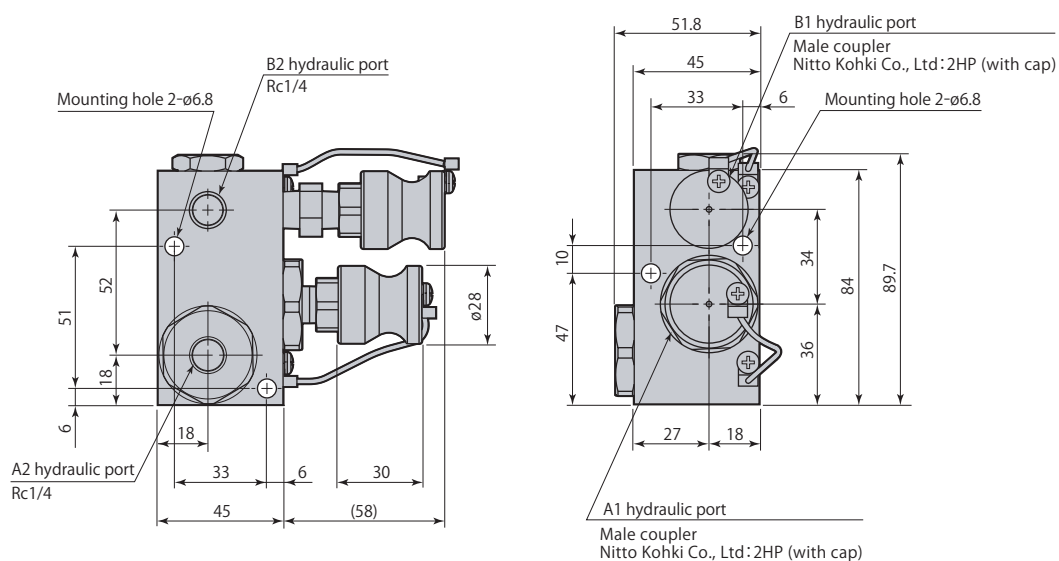
For manifold piping, the mounting surface finish must be no rougher than Rz6.3 (ISO4287:1997).

Dimensions

VCB-HGS Manifold, GS mounting *With internal filter (A1 & A2 hydraulic ports)



VCB-HT Piping mounting *With internal filter (A1 & A2 hydraulic ports)



● Female coupler (Nitto Kohki Co., Ltd:2HS) and mounting screws are not included.