

G04 Modular Valve Series

Type	Name	Valve Model Number	Maximum Working Pressure	Maximum Flow Rate ℓ /min	Pressure Adjustment Range (Check Valve Cracking Pressure) MPa(kgf/cm ²)	JIS Symbol	Weight kg	Catalog Page
Solenoid Valves	Solenoid Control Valves	DSS-G04-****-R-**-22	35MPa {357 kgf/cm ² }	300			15.0	E-31
Pressure Control Valve	Relief valve	ORH-G04-P ¹ ₃ -10 5	35MPa {357 kgf/cm ² }	300	1:0.8 to 7{8.2 to 71.4} 3:3.5 to 25{35.7 to 255}		7.0	D-13
	Direct Relief Valves	ORH-G04-DW ¹ ₃ -10 5		50	1:0.8 to 7 {8.2 to 71.4}		6.5	D-23
		ORH-G04-DA ¹ ₃ -10 5			3:3.5 to 25 {35.7 to 255}			
		ORH-G04-DB ¹ ₃ -10 5			5:7 to 35 {71.4 to 357}			
	Reducing valve	OGH-G04-P ¹ ₃ (-B)-10		300	1:0.8 to 7 {8.2 to 71.4}		8.0	D-28
		OGH-G04-A ¹ ₃ (-B)-10			3:3.5 to 25 {35.7 to 255}			
		OGH-G04-B ¹ ₃ (-B)-10			(Auxiliary Symbol) B: External drain			
	Counter Balance Valves	OQH-G04-A ^A ₁ C-10 E		300	A:0.25 to 0.85{2.5 to 8.7}		8.0	D-50
		OQH-G04-B ^A ₁ C-10 E			C:0.50 to 3.5{5.1 to 35.7}			
	Flow Control Valve	Flow Regulator Valves		OYH-G04-P-10	300		Check Valve Cracking Pressure 0.04{0.4}	4.7
Meter-in Flow Regulator Valve		OYH-G04-W-X-10	300	Check Valve Cracking Pressure 0.1{1.0}	6.5	D-58		
		OYH-G04-A-X-10			6.3			
		OYH-G04-B-X-10			6.5			
Meter-Out Flow Regulator Valves		OYH-G04-W-Y-10	300	Check Valve Cracking Pressure 0.1{1.0}	6.5	D-58		
		OYH-G04-A-Y-10			6.3			
		OYH-G04-B-Y-10			6.3			
Meter-in Flow Control Valves		OFH-G04-W200-X-10	200	Check Valve Cracking Pressure 0.1{1.0}	11.1	D-66		
		OFH-G04-A200-X-10			10.2			
		OFH-G04-B200-X-10			11.1			
		OFH-G04-W200-Y-10			11.1			
		OFH-G04-A200-Y-10			10.2			
		OFH-G04-B200-Y-10			10.2			
Direction Control Valve		Check Valves	OCH-G04-P ¹ ₃ -10 3	300	1:0.04{0.4} 2:0.35{3.6} 3:0.50{5.1}	4.5	D-72	
	OCH-G04-T ¹ ₃ -10 3		6.5					
	OCH-G04-A ¹ ₃ -10 3		4.5					
	OCH-G04-AP ¹ ₃ -10 3		4.5					
	Vacuum Check Valves	OVH-G04-W-10	300	0.01{0.1}	6.5	D-72		
	Pilot Check Valves	OPH-G04-W ¹ ₂ (-D)-10	300	1:0.20{2.0} 2:0.50{5.1}	6.8	D-79		
		OPH-G04-A ¹ ₂ (-D)-10					(Auxiliary Symbol) Open Valve Ratio Standard : Child Valve 7% : Parent Valve 50% D : Parent Valve 50%	
		OPH-G04-B ¹ ₂ (-D)-10						
Others	Conversion plate (for 06/04 conversion)	MOB-G06-AA-5411A	300	G04 G06	10.0	D-89		

The G04 series modular valves do not have an L (DR₂) drain port, so they cannot be used in combination with pressure center type solenoid valves (D).