

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-45						
Pressure Control Valve	Relief valve	ORH-G04-P $\frac{1}{5}$ -10	35MPa {357kgf/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 $\frac{1}{5}$ -10		50	1:0.8 to 7 {8.2 to 71.4}		6.5	D-23						
		ORH-G04-DA $\frac{1}{5}$ -10			3:3.5 to 25 {35.7 to 255}									
		ORH-G04-DB $\frac{1}{5}$ -10			5:7 to 35 {71.4 to 357}									
	Reducing valve	OGH-G04-P $\frac{1}{3}$ -(B)-10		300	1:0.8 to 7 {8.2 to 71.4}		8.0	D-28						
		OGH-G04-A $\frac{1}{3}$ -(B)-10			3:3.5 to 25 {35.7 to 255}				8.0	D-37				
		OGH-G04-B $\frac{1}{3}$ -(B)-10			(Auxiliary Symbol) B: External drain									
	Counter Balance Valves	OQH-G04-A $\frac{1}{3}$ C-10		300	A:0.25 to 0.85{2.5 to 8.7}		8.0	D-50						
		OQH-G04-B $\frac{1}{3}$ C-10			C:0.50 to 3.5{5.1 to 35.7}				8.0					
	Flow Control Valve	Flow Regulator Valves		OYH-G04-P-10	35MPa {357kgf/cm ² }		300	Check Valve Cracking Pressure 0.04{0.4}		4.7	D-58			
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						
		Meter-out Flow Control Valves						OFH-G04-W200-Y-10		200	Check Valve Cracking Pressure 0.1{1.0}	11.1	D-66	
								OFH-G04-A200-Y-10						10.2
								OFH-G04-B200-Y-10						10.2
Direction Control Valve	Check Valves	OCH-G04-P $\frac{1}{3}$ 2-10	35MPa {357kgf/cm ² }	300	1:0.04{0.4} 2:0.35{3.6} 3:0.50{5.1}		4.5	D-72						
		OCH-G04-T $\frac{1}{3}$ 2-10					6.5							
		OCH-G04-A $\frac{1}{3}$ 2-10					4.5							
		OCH-G04-AP $\frac{1}{3}$ 2-10					4.5							
	Vacuum Check Valves	OVH-G04-W-10		300	0.01{0.1}	6.5	D-72							
	Pilot Check Valves	OPH-G04-W $\frac{1}{2}$ -(D)-10		300	1:0.20{2.0} 2:0.50{5.1}	6.8	D-79							
		OPH-G04-A $\frac{1}{2}$ -(D)-10						(Auxiliary Symbol) Open Valve Ratio Standard : Child Valve 7% Parent Valve 50%						
		OPH-G04-B $\frac{1}{2}$ -(D)-10							D : Parent Valve 50%					
Others	Conversion plate (for 06/04 conversion)	MOB-G06-AA-5411A		300	G04 G06		10.0	D-88						

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).