

# G01 Modular Valve Series

Type	Name	Valve Model Number	Pressure Adjustment Range (Check Valve Cracking Pressure) MPa(kgf/cm <sup>2</sup> )	Maximum Flow Rate ℓ/min	JIS Symbol	Height mm	Weight kg	Catalog Page	
Solenoid Valves	Solenoid Valve	SS-G01-**-R**-31 SA-G01-**-***-31		100				E-1 E-13	
	Relief Valves (Balance Type)	OR-G01-P <sub>3</sub> <sup>1</sup> -20	1: * to 7 {* to 71.4} 3: 3.5 to 25 {35.7 to 255} *See page D-16 for these items.	50		40	1.5	2.3	D-13
-W <sub>3</sub> <sup>1</sup> -20					1.6				
-A <sub>3</sub> <sup>1</sup> -21									
-B <sub>3</sub> <sup>1</sup> -21									
Brake Valves (Direct Type)	ORO-G01-W <sub>3</sub> <sup>1</sup> -20	1: 0.8 to 7 {8.2 to 71.4} 3: 3.5 to 21 {35.7 to 214}	20		40	1.5	1.4	D-19	
	-A <sub>3</sub> <sup>1</sup> -20								
	-B <sub>3</sub> <sup>1</sup> -20								
Direct Relief Valves (Direct Type)	ORD-G01-W <sub>3</sub> <sup>1</sup> -20	1: 0.8 to 7 {8.2 to 71.4} 3: 3.5 to 21 {35.7 to 214}	20		40	1.5	1.4	D-23	
	-A <sub>3</sub> <sup>1</sup> -20								
	-B <sub>3</sub> <sup>1</sup> -20								
Reducing Valves (Direct Type)	OG-G01-P <sub>1-2</sub> <sup>C</sup> -21	C: 0.15 to 3.5 {1.5 to 35.7} 1: 0.8 to 7 {8.2 to 71.4} 2: 3.5 to 16 {35.7 to 163}	50		40	1.3	1.9	D-28 D-37	
	-A <sub>1-2</sub> <sup>C</sup> -21								
	-B <sub>1-2</sub> <sup>C</sup> -21								
Balance Type Reducing Valves	OGB-G01-P <sub>1-20</sub> <sup>C</sup> -20	C: 0.15 to 3.5 {1.5 to 35.7} 1: 0.8 to 7 {8.2 to 71.4} 3: 3.5 to 21 {35.7 to 214}	40		40	1.9	1.8	D-35	
	-A <sub>1-20</sub> <sup>C</sup> -20								
	-B <sub>1-20</sub> <sup>C</sup> -20								
Pressure Control Valves (Sequence Valves)	OQ-G01-P <sub>2-3</sub> <sup>1</sup> -20	1: 0.8 to 7{8.2 to 71.4} 3: 3.5 to 21{35.7 to 214}	40		40	1.1	D-47 D-50		
Pressure Control Valves (Counter Balance Valves)	OCQ-G01-A <sub>1-2</sub> <sup>1</sup> -20	1: 0.8 to 7{8.2 to 71.4} 2: 3.5 to 14{35.7 to 143}							
Pressure Switches	OW-G01-P <sub>1-3</sub> <sup>C</sup> -R**-30	C: 0.5 to 3.5 {5.1 to 35.7} 1: 0.8 to 7{8.2 to 71.4} 3: 3.5 to 21 {35.7 to 214}	50		40	1.8	2.6	D-55	
	-W <sub>1-3</sub> <sup>C</sup> -R**-30								
	-A <sub>1-3</sub> <sup>C</sup> -R**-30								
	-B <sub>1-3</sub> <sup>C</sup> -R**-30								
Flow Control Valve	Flow Regulator Valve	OY-G01-T-20	50		40	1.0	1.3	D-58	
	Flow Regulator Valves with Check	OCY-G01-P-20		(0.04{0.4})					
	Meter-Out Flow Regulator Valves	OCY-G01-W-Y-20	(0.08{0.8})	50		40	1.2	1.3	D-58
		-A-Y-20							
		-B-Y-20							

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Flow Control Valves	Meter-in Flow Regulator Valve	OCY-G01-W-X-20	(0.08{0.8})	50		40	1.3	D-58
		-A-X-20					1.2	
		-B-X-20						
	Flow Control Valve	OF-G01-P20-20	(Control Flow Rate) Differential Pressure 7{71.4}:0.1 to 20 Differential Pressure 21{214}:0.3 to 20				1.2	D-66
	Meter-out Flow Control Valves	OCF-G01-W40-Y-30	(Control Flow Rate) Differential Pressure 7{71.4}:0.1 to 40 Differential Pressure 25{255}:0.5 to 40	40		40	1.7	
		-A40-Y-30					1.5	
		-B40-Y-30					1.7	
	Meter-in Flow Control Valves	OCF-G01-W40-X-30	(Control Flow Rate) Differential Pressure 7{71.4}:0.1 to 40 Differential Pressure 25{255}:0.5 to 40	40		40	1.7	
		-A40-X-30					1.5	
		-B40-X-30						
Direction Control Valve	Check Valves	OC-G01-P <sub>2</sub> <sup>1</sup> -21	Cracking pressure [ 1:0.04{0.4} ] [ 2:0.35{3.6} ] [ 3:0.50{5.1} ] *For differential circuit	50		40	1.0	D-72
		T <sub>2</sub> -21					1.2	
		-A <sub>2</sub> -21 *					1.0	
		-AP <sub>2</sub> -20 *						
	Vacuum Check Valves	OCV-G01-W-20	(0.015{0.15})	50			1.0	
	Pilot Check Valves	OCP-G01-W <sub>2</sub> <sup>1</sup> -(F)-21	Cracking pressure [ 1:0.2{2.0} ] [ 2:0.5{5.1} ] (Auxiliary Symbol) Open Valve Ratio Standard: Parent Valve 37% F: Child Valve 6% Parent Valve 51%	50		40	1.2	D-79
		-A <sub>2</sub> <sup>1</sup> -(F)-21						
-B <sub>2</sub> <sup>1</sup> -(F)-21								
Composite Valves	2-pressure Reducing Valves	OGS-G01-P <sub>1</sub> <sup>C</sup> -K(R)-**22 High pressure side Low pressure side Power supply : C1, C2, D1, D2	C:0.2 to 3.5 {2.0 to 35.7} 1:0.8 to 7 {8.2 to 71.4} 2:3.5 to 14 {35.7 to 143}	40		90	4.8	D-44
Other	Gauge Modular Blocks	OK-G01-P-(H)-20		50		25 (H:40)	0.6 (H:1.0)	D-84
		-T-(H)-20						
		-W-(H)-20						
	2-speed Plates	OB-G01-W-(H)-20		50		25 (H:40)	1.5 (H:2.5)	D-86
	End Plates	MOB-G01-(H)-10		-		20	0.3	D-88
	Free-flow plate	MOB-G01-A-10		50		36	0.6	
		-B-10						
	Base Blocks (Multi-block)	MOB-01X-B*-10	B: A, B ports *: Sequential number from 2 to 6 Single side outlet					
-01Y-W*-10		W: A, B ports *: Sequential number from 1 to 6 Dual side outlet						
Sub Plate	MSA-01Y-10 MSA-01Y-T-10	None: Back side outlet T: Side outlet						D-90