

# G01 Modular Valve Series

**D**

**Modular Valves**

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
Pressure Control Valves	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	D-13
		-W <sub>3</sub> <sup>1</sup> -20					2.3	
		-A <sub>3</sub> <sup>1</sup> -21					1.6	
		-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	D-19
		-A <sub>3</sub> <sup>1</sup> -20					1.4	
		-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	D-23
		-A <sub>3</sub> <sup>1</sup> -20					1.4	
		-B <sub>3</sub> <sup>1</sup> -20						
	Reducing Valves (Direct Type)	OG-G01-P1-21 <sup>C</sup> <sub>2</sub>	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	D-28
		-A1-21 <sup>C</sup> <sub>2</sub>						D-37
		-B1-21 <sup>C</sup> <sub>2</sub>						
	Balance Type Reducing Valves	OGB-G01-P1-20 <sup>C</sup> <sub>3</sub>	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	D-35
		-A1-20 <sup>C</sup> <sub>3</sub>						
-B1-20 <sup>C</sup> <sub>3</sub>								
Pressure Control Valves (Sequence Valves)	OQ-G01-P <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}	40		40	1.1	D-47	
Pressure Control Valves (Counter Balance Valves)	OCQ-G01-A1 <sup>1</sup> <sub>2</sub> -20	1:0.8 to 7{8.2 to 71.4} 2:3.5 to 14{35.7 to 143}	40		40		D-50	
	-B1 <sup>1</sup> <sub>2</sub> -20							
Pressure Switches	OW-G01-P1-R**-30 <sup>C</sup> <sub>3</sub>	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	D-55	
	-W1-R**-30 <sup>C</sup> <sub>3</sub>					2.6		
	-A1-R**-30 <sup>C</sup> <sub>3</sub>					1.8		
	-B1-R**-30 <sup>C</sup> <sub>3</sub>							
Flow Control Valve	Flow Regulator Valve	OY-G01-T-20		50		40	1.0	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	1.3	D-58
		-A-Y-20					1.2	
		-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					1.2		
	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				40	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					1.5		
Direction Control Valve	Check Valves	OC-G01-P2-20 3	Cracking pressure $\left[ \begin{array}{l} 1:0.04\{0.4\} \\ 2:0.35\{3.6\} \\ 3:0.50\{5.1\} \end{array} \right]$ *For differential circuit	50		40	1.0	D-72	
		T2-20 3					1.2		
		-A2-21 * 3					1.0		
		-AP2-20 * 3					1.0		
	Vacuum Check Valves	OCV-G01-W-20	(0.015{0.15})	50		40	1.0		
	Pilot Check Valves	OCP-G01-W <sub>2</sub> <sup>1</sup> -(F)-21	Cracking pressure $\left[ \begin{array}{l} 1:0.2\{2.0\} \\ 2:0.5\{5.1\} \end{array} \right]$ (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> C-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 (H:36)	0.3 (H:0.6)	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						D-96
-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	



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