

MV100 series  
MECHANICAL VALVE



Model	Port Size Rc(PT)	Operation	Orifice mm <sup>2</sup> (CV)	Connection Type	Remarks
MV-10-02-V	1/8"	2 Ports 2 positions	14 (0.78)	SIDE Connection	Push Button (Flush)
MV-10-03-V		3 Ports 2 positions			Press Button (Flush)
MV-10-02-P		2 Ports 2 positions			Key Touch
MV-10-03-P		3 Ports 2 positions			Key Touch

MV 150 series  
MECHANICAL VALVE



Model	Port Size Rc(PT)	Operation	Orifice mm <sup>2</sup> (CV)	Connection Type	Remarks
MV-15-□-01	1/8"	3 Ports 2 positions	7 (0.39)	S:Side Connection B:Bottom Connection F:With Flange Base	Basic Type
MV-15-□-02					Roller lever
MV-15-□-03					One Way Roller Lever
MV-15-□-04					Toggle Lever
MV-15-□-05					Thumb Lever
MV-15-□-06					Push Button (Flush)
MV-15-□-07					Push Button (Extended)
MV-15-□-08					Push Button (Mushroom)
MV-15-□-09					Stop Cock Button
MV-15-□-10					Twist Selector (2 Positions)
MV-15-□-11					Key Selector (2 Positions)

MV 200 series  
MECHANICAL VALVE



Model	Port Size Rc(PT)	Operation	Orifice mm <sup>2</sup> (CV)	Connection Type	Remarks
MV-20-□-01	1/4"	3 Ports 2 positions	33 (1.84)	SIDE Connection	Basic Type
MV-20-□-02					Roller lever
MV-20-□-03					One Way Roller Lever
MV-20-□-06					Push Button (Flush)
MV-20-□-07					Push Button (Extended)
MV-20-□-08	Push Button (Mushroom)				
MV-20-□-09	Stop Cock Button				

MV-20-□-10					Twist Selector (2 Positions)
MV-20-□-11					Key Selector (2 Positions)

MV 230 series  
MECHANICAL VALVE



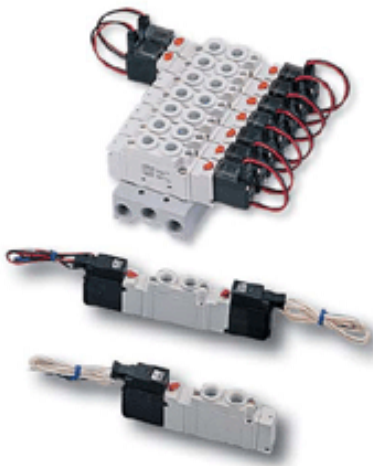
Model	Port Size Rc(PT)	Operation	Orifice mm <sup>2</sup> (CV)	Connection Type	Remarks
MV-23-06	1/8"	5 Ports 2 positions	12 (0.67)	SIDE Connection	Push Button (Flush)
MV-23-07					Push Button (Extended)
MV-23-08					Push Button (Mushroom)
MV-23-09					Stop Cock Button
MV-23-10					Twist Selector (2 Positions)
MV-23-11					Key Selector (2 Positions)

MV 250 series  
MECHANICAL VALVE



Model	Port Size Rc(PT)	Operation	Orifice mm <sup>2</sup> (CV)	Connection Type	Remarks
MV-25-06	1/4"	5 Ports 2 positions	14 (0.78)	SIDE Connection	Push Button (Flush)
MV-25-07					Push Button (Extended)
MV-25-08					Push Button (Mushroom)
MV-25-09					Stop Cock Button
MV-25-10					Twist Selector (2 Positions)
MV-25-11					Key Selector (2 Positions)

SM series  
SOLENOID VALVE



Model	Port Size Rc(PT)	No. of Coil	No. of Position	Orifice mm <sup>2</sup> (CV)	Pressure Range Kgf/cm <sup>2</sup> (KPa)	Voltage
SM-5101	1/8"	Single	5 Ports 2 positions	12 (0.67)	1-7 (100-700)	DC24V AC110V AC220V
SM-7101	1/8"			12 (0.67)		
SM-7102	1/4"	Double		14 (0.78)		
SM-5201	1/8"			12 (0.67)		
SM-7201	1/8"			12 (0.67)		
SM-7202	1/4"			14 (0.78)		

SM series  
SOLENOID VALVE WITH  
FITTING



Model	Port Size Rc(PT)	No. of Coil	No. of Position	Orifice mm <sup>2</sup> (CV)	Pressure Range Kgf/cm <sup>2</sup> (KPa)	Voltage
SM-5100-C4	Φ 4	Single	5 Ports 2 positions	12(0.67)	1-7 (100-700)	DC24V AC110V AC220V
SM-5100-C6	Φ 6			12(0.67)		
SM-5100-C8	Φ 8			12(0.67)		
SM-7100-C8	Φ 8			14(0.78)		
SM-7100-C10	Φ 10			14(0.78)		
SM-5200-C4	Φ 4	Double		12(0.67)		
SM-5200-C6	Φ 6			12(0.67)		
SM-5200-C8	Φ 8			12(0.67)		
SM-7200-C8	Φ 8			14(0.78)		
SM-7200-C10	Φ 10			14(0.78)		

SN series  
SOLENOID VALVE



Model	Port Size Rc(PT)	No. of Coil	No. of Position	Orifice mm <sup>2</sup> (CV)	Pressure Range Kgf/cm <sup>2</sup> (KPa)	Voltage
SN-8102	1/4"	Single	5 Ports 2 positions	18 (1.0)	1-7 (100-700)	DC24V AC110V AC220V
SN-8202		Double				

PN series  
PILOT VALVE



Model	Port Size Rc(PT)	No. of Position	Operation (power)	Orifice mm <sup>2</sup> (CV)	Pressure Range Kgf/cm <sup>2</sup> (KPa)
PN-8102	1/4"	5 Ports 2 positions	Air	18 (1.0)	1-7 (100-700)
PN-8202			Air		

## SV series SOLENOID VALVE



Model	Port Size Rc(PT)	No. of Coil	No. of Position	Orifice mm <sup>2</sup> (CV)	Pressure Range Kgf/cm <sup>2</sup> (KPa)	Voltage
SV-5101	1/8"	Single	5 Ports 2 Positions	12(0.67)	1-7 (100-700)	DC24V AC110V AC220V
SV-6101	1/8"			14(0.78)		
SV-6102	1/4"			14(0.78)		
SV-8102	1/4"			25(1.4)		
SV-8103	3/8"			25(1.4)		
SV-9104	1/2"			50(2.78)		
SV-5201	1/8"	Double	5 Ports 2 Positions	12(0.67)	1-7 (100-700)	DC24V AC110V AC220V
SV-6201	1/8"			14(0.78)		
SV-6202	1/4"			14(0.78)		
SV-8202	1/4"			25(1.4)		
SV-8203	3/8"			25(1.4)		
SV-9204	1/2"			50(2.78)		
SV-5231	1/8"	Double N.O.Normally open N.C.Normally Close N.F.Normally Free	5 Ports 3 Positions	12(0.67)	1-7 (100-700)	DC24V AC110V AC220V
SV-6231	1/8"			14(0.78)		
SV-6232	1/4"			14(0.78)		
SV-8232	1/4"			25(1.4)		
SV-8233	3/8"			25(1.4)		

Note: Custom made for N.C. normally open type.

## PV series PILOT VALVE



Model	Port Size Rc(PT)	No. of Position	Operation (power)	Orifice mm <sup>2</sup> (CV)	Pressure Range Kgf/cm <sup>2</sup> (Kpa)
PV-5101	1/8"	5 Ports 2 Positions	Air	12(0.67)	1-7 (100-700)
PV-6101	1/8"			14(0.78)	
PV-6102	1/4"			14(0.78)	
PV-8102	1/4"			18(1.0)	
PV-8103	3/8"			18(1.0)	
PV-5201	1/8"	5 Ports 2 Positions	Air	12(0.67)	1-7 (100-700)
PV-6201	1/8"			14(0.78)	
PV-6202	1/4"			14(0.78)	
PV-8202	1/4"			18(1.0)	
PV-8203	3/8"			18(1.0)	

SV 310  
SOLENOID VALVE



Model	Port Size Rc(PT)	Valve Type	Operation	Orifice mm <sup>2</sup> (CV)	Voltage
SV-310	1/8"	N.C.	Direct Operated	1.5(0.08)	DC24V AC110V,220V

SUD, SUW, SUS series  
SOLENOID VALVE



Model	Port Size Rc (PT)	Operation	Orifice mm <sup>2</sup> (CV)	Pressure Range						Voltage
				Air	Water	Hot Water	Oil	Gas	Vacuum	
SUD-6	1/8"	Direct Operated (General)	2.5 (0.14)	0-7						DC24V AC110V AC220V
-8	1/4"		4 (0.22)	0-10						
-10	3/8"		1.2 (0.07)	0-20						
-6H	1/8"		2.0 (0.11)							
-8H	1/4"									
-10H	3/8"									
SUW-10	3/8"	Diapharm Type (High Flow)	10 (0.56)	0-7	0-5	--	0-5	0-7	--	DC24V AC110V AC220V
-15	1/2"		15 (0.83)							
-20	3/4"		20 (1.11)							
-25	1"		25 (1.39)							
-35	1 1/4"		35 (1.94)							
-40	1 1/2"		40 (2.22)							
-50	2"		50 (2.78)							
SUS-10	1/2"	Direct Operated (High Temperature Steam)	17 (0.94)	0.5-1.5						DC24V AC110V AC220V
-20	3/4"		17 (0.94)							
-25	1"		22 (1.22)							
-35	1 1/4"		30 (1.67)							
-40	1 1/2"		32 (1.78)							
-50	2"		50 (2.78)							

HVL series  
HAND-OPERATED VALVE



Model	Port Size Rc(PT)	No.of Position	Operation	Orifice mm <sup>2</sup> (cv)	Pressure Range Kg/cm <sup>2</sup> (KPa)
HVL-601	1/8	5 Ports 2 Positions	Manual,Front and rear oscillation	14 (0.78)	1-7 (100-700)
HVL-602	1/4			14 (0.78)	
HVL-802	1/4			18 (1.0)	
HVL-803	3/8			18 (1.0)	
HVL-631	1/8	5 Ports 3 Positions	Manual,Front and rear oscillation	14 (0.78)	1-7 (100-700)
HVL-632	1/4			18 (1.0)	
HVL-832	1/4			18 (1.0)	
HVL-833	3/8			50 (2.78)	

HVM series  
HAND-OPERATED VALVE



Model	Port Size Rc(PT)	No.of Position	Operation	Orifice mm <sup>2</sup> (cv)	Pressure Range Kgf/cm <sup>2</sup> (KPa)
HVM-402	1/4	4 Ports 3 Positions	Manual,Front and rear oscillation	17(0.94)	1-7 (100-700)
HVM-403	3/8				
HVM-404	1/2				

QE series  
QUICK EXHAUST VALVE



Model	Port Size Rc(PT)	Flow rate l/min		Orifice mm <sup>2</sup> (cv)	Pressure Range Kgf/cm <sup>2</sup> (KPa)
		P → A	A → R		
QE-802	1/4	1000	1500	14 (0.78)	1-7 (100-700)
QE-803	3/8	1000	1500	18 (1.0)	

SC series  
SPEED CONTROLLER



Model	Port Size Rc(PT)	Flow rate L/min		Pressure Range Kgf/cm <sup>2</sup> (KPa)	Applicable Cylinder
		Control Side	Free Side		
ASC-150-01	1/8"	250	340	1-9 (100-900)	12, Φ 16, Φ 20, Φ 25, Φ 32
ASC-150-02	1/4"	250	340		
BSC-300-02	1/4"	800	800		Φ 32, Φ 40, Φ 50, Φ 63
BSC-300-03	3/8"	800	800		
CSC-400-03	3/8"	1650	1650		Φ 50, Φ 63, Φ 80, Φ 100, Φ 125
CSC-400-04	1/2"	1650	1650		

FVA series  
FOOT-OPERATED VALVE



Model	Port Size Rc(PT)	No.of Position	Pressure Range Kgf/cm <sup>2</sup>	Orifice mm <sup>2</sup>	Pressure Range Kgf/cm <sup>2</sup> (KPa)
FVA-320	1/4	3 Ports 2 Positions	10	8	2-7 (200-700)
FVA-420		4 Ports 2 Positions			

FVS series  
FOOT-OPERATED VALVE



Model	Port Size Rc(PT)	No.of Position	Pressure Range Kg/cm <sup>2</sup>	Orifice mm <sup>2</sup>	Pressure Range Kg/cm <sup>2</sup> (KPa)
FVS-320	1/4	3 Ports 2 Positions	10	12	0-10 (0-1000)
FVS-520		5 Ports 2 Positions			