

◆ Specifications

Model	HL-2301-R.V.P. HL-2501-R.V.P.	HL-2302-R.V.P. HL-2502-R.V.P.
Port size	Rc1/8	Rc1/4
Fluid	Air	
Flow area	5.5mm ²	6.3mm ²
Operating pressure range	0~1.0 MPa	
Proof pressure	0~1.5 MPa	
Ambient and fluid temperature	0~70°C	

◆ How to Order

HL 23 01 - V

Button type

V	Center switch type
P	Button type
R	Roller type

Port size

01	Rc1/8	02	Rc1/4
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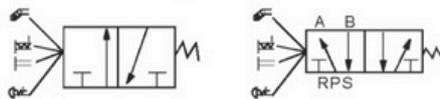
Type of actuation

23	2 port 3 position	25	2 port 5 position
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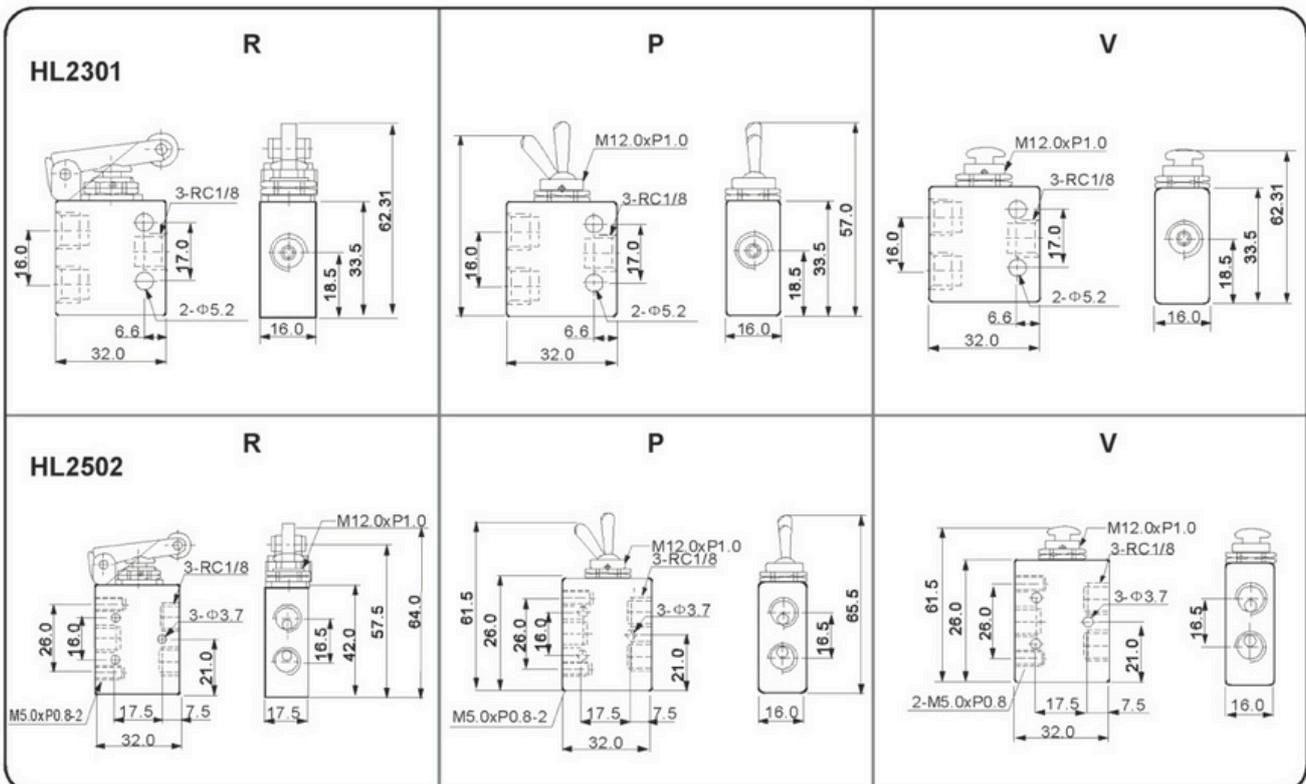
Model

HL	Knob Switch Valve
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Symbol



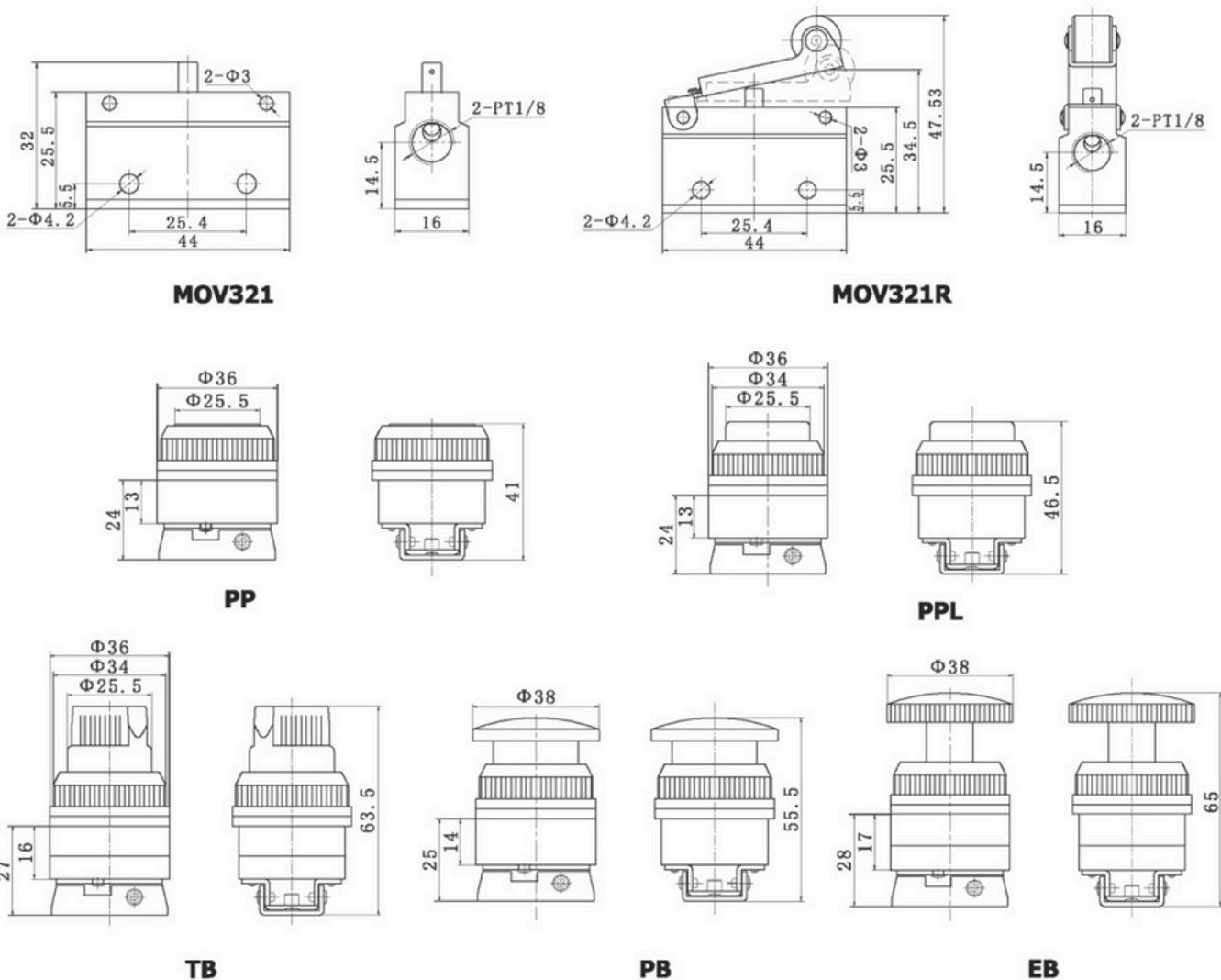
◆ Dimensions



MOV Series Control Valve(3/2 Way)

Picture								
Model	Basic	Roller	Flat	Protruding	Mushroom	Lock	Selector	Selector
Model	MOV321	MOV321R MOV-02	MOV321PP	MOV321PPL	MOV321PB MOV-03A	MOV321EB MOV-03	MOV321TB MOV-01	MOV321LB MOV-01
Port Size	RC1/8	RC1/8	RC1/8	RC1/8	RC1/8	RC1/8	RC1/8	RC1/8

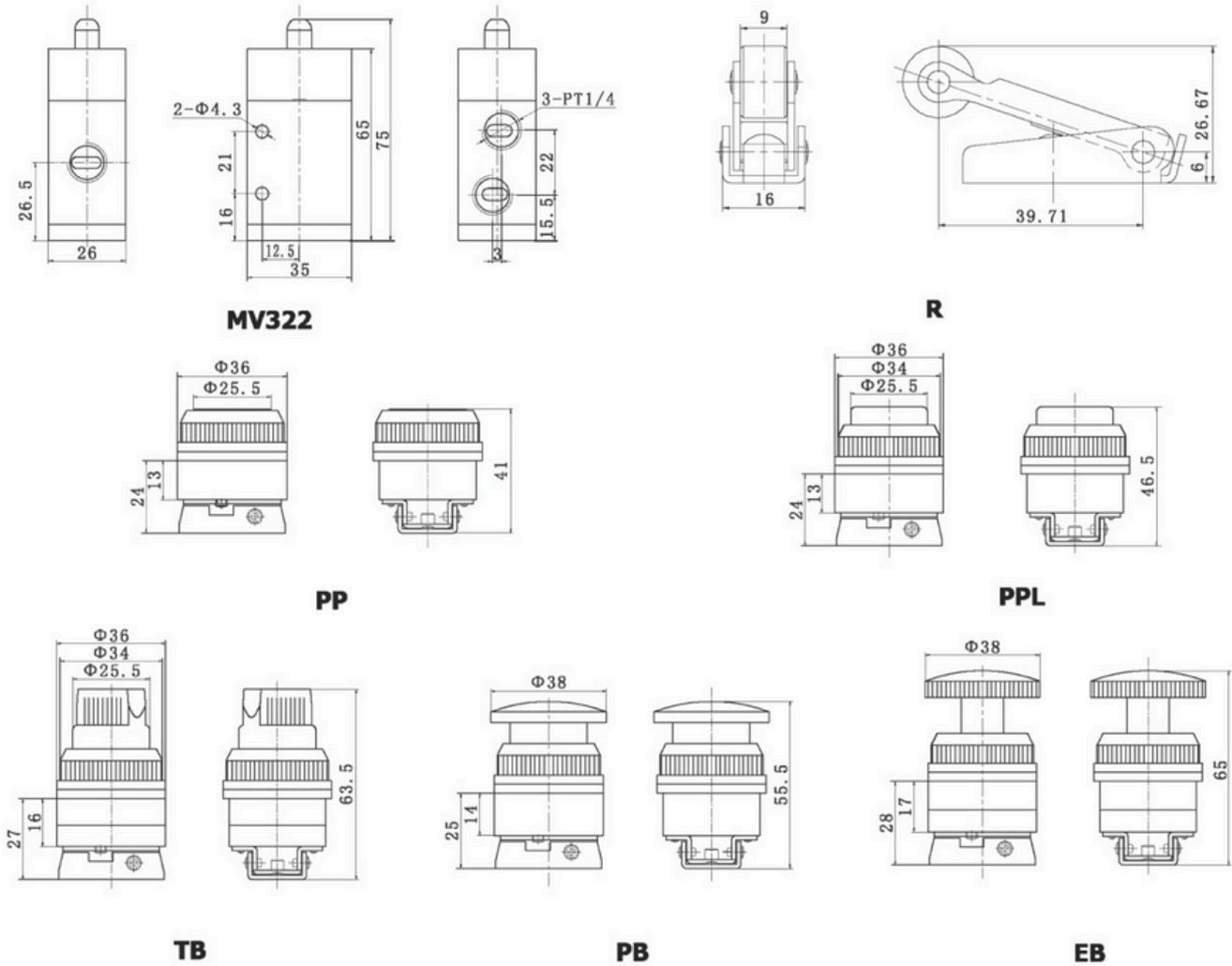
Dimensions(mm)



MV322 Series Control Valve(5/2 Way)

Picture								
Model	Basic	Roller	Flat	Protruding	Mushroom	Lock	Selector	Selector
Model	MV322	MV322R	MV322PP	MV322PPL	MV322PB	MV322EB	MV322TB	MV322LB
Port Size	RC1/4	RC1/4	RC1/4	RC1/4	RC1/4	RC1/4	RC1/4	RC1/4

Dimensions(mm)



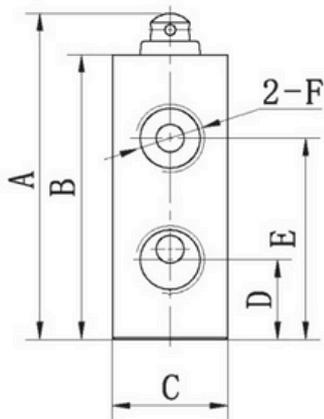
CM3/S3 Series Control Valve(3/2 Way)

CM3 Series Control Valve(3/2 Way) R red G green B Black

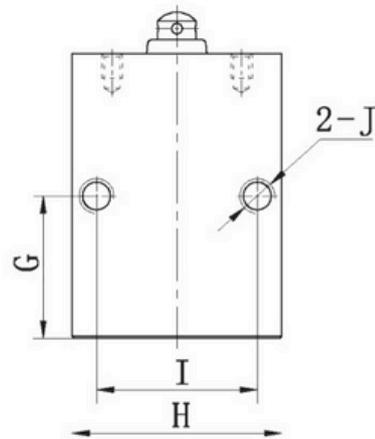
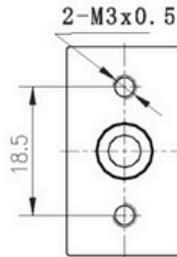
Picture									
Model	Basic	Roller	Roller with free return	Latching	Flat	Protruding	Mushroom	Selector	Selector
Model	CM3B	CM3R	CM3L	CM3PL	CM3PF	CM3PP	CM3PM	CM3HS	CM5HS
Port Size	RC1/8	RC1/8	RC1/8	RC1/8	RC1/8	RC1/8	RC1/8	RC1/8	RC1/8

S3 Series Control Valve(3/2 Way) R red G green B Black

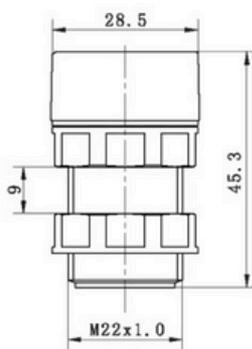
Model	Model	Port Size	Model	Model	Port Size
 Basic Type	S3B-M5	M5	 Latching Type	S3PL-M5	M5
	S3B-06	RC1/8		S3PL-06	RC1/8
	S3B-08	RC1/4		S3PL-08	RC1/4
 Roller Type	S3R-M5	M5	 Protruding Type R, G, B	S3PP-M5	M5
	S3R-06	RC1/8		S3PP-06	RC1/8
	S3R-08	RC1/4		S3PP-08	RC1/4
 Roller with free return type	S3L-M5	M5	 Mushroom Type R, G, B	S3PM-M5	M5
	S3L-06	RC1/8		S3PM-06	RC1/8
	S3L-08	RC1/4		S3PM-08	RC1/4
 Long Handle Type	S3HL-M5	M5	 Flat Type R, G, B	S3PF-M5	M5
	S3HL-06	RC1/8		S3PF-06	RC1/8
	S3HL-08	RC1/4		S3PF-08	RC1/4
 Vertical Type	S3V-M5	M5	 Selector Type	S3HS-M5	M5
	S3V-06	RC1/8		S3HS-06	RC1/8
	S3V-08	RC1/4		S3HS-08	RC1/4



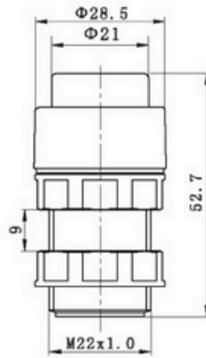
S3B



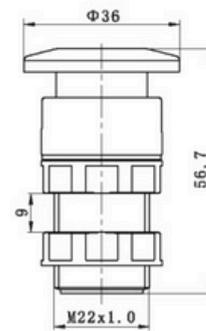
Model	A	B	C	D	E	F	G	H	I	J
M5	36	30	16.5	9	22	M5	15	26	16	M5x0.8
06	47	41	16.5	11.5	29	PT1/8	20.5	30	23	M5x0.8
08	52	46	17.5	12	33	PT1/4	22.5	34	24	M5x0.8



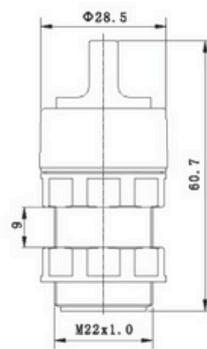
S3PF



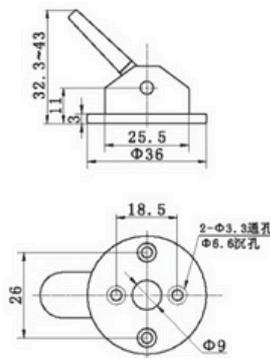
S3PP



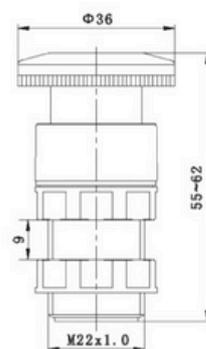
S3PM



S3HS



S3HL



S3PL

M5 Series Control Valve(5/2 Way)

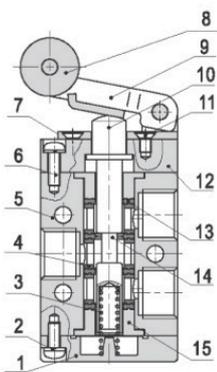
R red G green B Black

M5B	M5C	M5D	M5R	M5L	M5Y	M5PM	M5PP	M5PF	M5PL	M5HS
Basic	Long Handle	Short Handle	Roller	Roller with free return	Lever	Mushroom	Protruding	Flat	Latching	Selector
										

M3 Series Control Valve(3/2 Way)

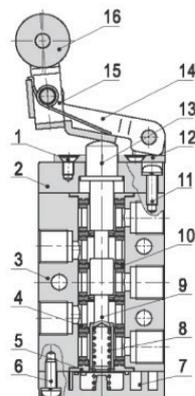
R red G green B Black

M3B	M3C	M3D	M3R	M3L	M3Y	M3PM	M3PP	M3PF	M3PL	M3HS
Basic	Long Handle	Short Handle	Roller	Roller with free return	Lever	Mushroom	Protruding	Flat	Latching	Selector
										



M3R210

No.	Item	No.	Item
1	Botton cover	9	Axle
2	Screw	10	Rotating block
3	Spring	11	Screw
4	Spacer	12	Fore cover
5	Body	13	Piston O-ring
6	Screw	14	Spool
7	Roller holder	15	Positioning block
8	Roller		



M5L210

No.	Item	No.	Item
1	Screw	9	Spool
2	Fore cover	10	Piston O-ring
3	Body	11	Screw
4	Spacer	12	Roller holder
5	Positioning block	13	Axle
6	Screw	14	Rotating block
7	Botton cover	15	Rocker
8	Spring	16	Roller