

How to Order

VM1 3 1 01 01 S

Port size

01	Rc 1/8
M5	M5 x 0.8 (Female thread)
N01	NPT 1/8
F01	G 1/8

Piping direction and the length of push rod

	Long	Side ported
0		
1		
2		Bottom ported
3		

Number of ports

2	2 port
3	3 port

Actuator type

00	Basic
01	Roller lever
02	One way roller lever
05	Straight plunger
06	Roller plunger
07	Cross roller plunger
08	Toggle lever
30	Push button (Mushroom)
32	Push button (Extended)
33	Push button (Flush)
34	Twist selector (2 position)
36	Key selector (2 position)
35	Twist selector (3 position)

Suffix for actuator

S	Hard steel roller
R	Red
B	Black
G	Green
Y	Yellow

Suffix for indicator light

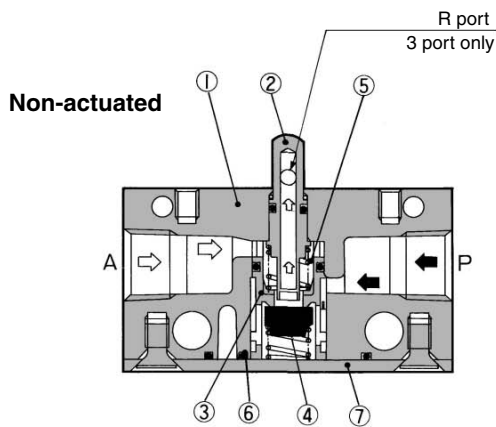
Z	With miniature indicator light (Bottom piping type only)
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Actuator	Height of rod push	Side ported		Bottom ported	
		Long	Short	Long	Short
Basic	00	○	○	○	○
Roller lever	01	x	○	x	○
One way roller lever	02	x	○	x	○
Straight plunger	05	○	x	○	x
Roller plunger	06	○	x	○	x
Cross roller plunger	07	○	x	○	x
Toggle lever	08	○	x	○	x
Push button (Mushroom)	30	○	x	○	x
Push button (Extended)	32	○	x	○	x
Push button (Flush)	33	○	x	○	x
Twist selector (2 position)	34	○	x	○	x
Key selector (2 position)	36	○	x	○	x
Twist selector (3 position)	35	x	○	x	○

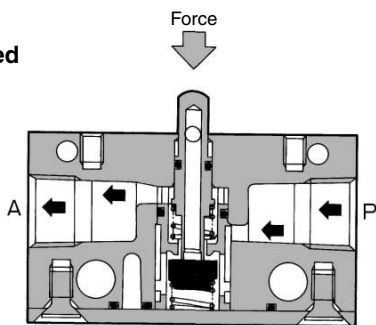
Combination possible: ○, Combination impossible: x

Construction

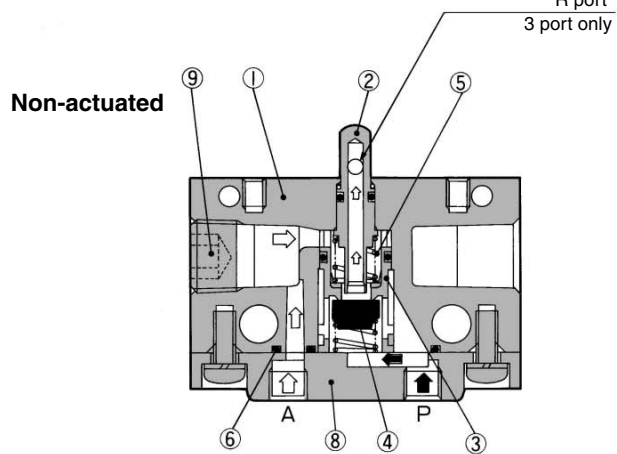
Side ported



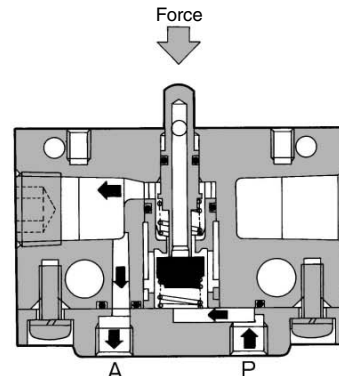
Actuated



Bottom ported



Actuated



Component Parts

No.	Description	Material	Note
①	Valve	ZDC	Metallic plated
②	Plunger	POM	
③	Valve sheet	POM	
④	Valve	NBR	
⑤	Spring	Stainless steel	

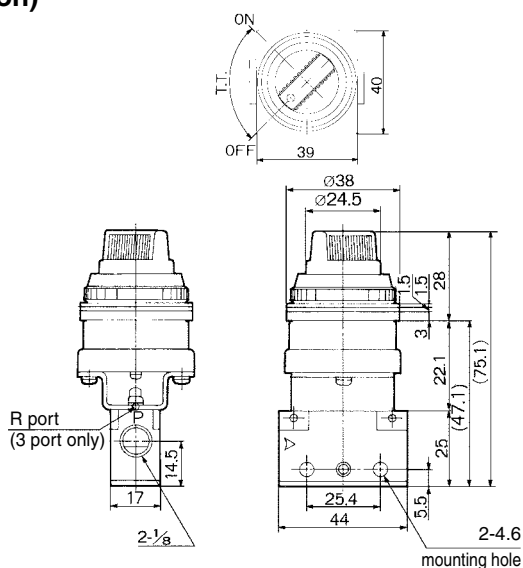
No.	Description	Material	Note
⑥	Gasket	NBR	
⑦	Cover	Rolled steel	
⑧	Sub-plate	ZDC	Metallic plated
⑨	Hexagon socket head plug	Rolled steel	

Series VM100

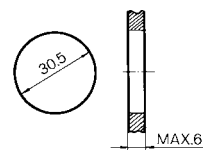
Series VM100/Side Ported

Twist selector (2 position)

VM120-01-34R/B/G/Y
VM130-01-34R/B/G/Y

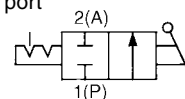


Panel mounting hole

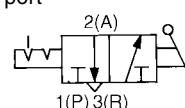


JIS Symbol

2 port



3 port

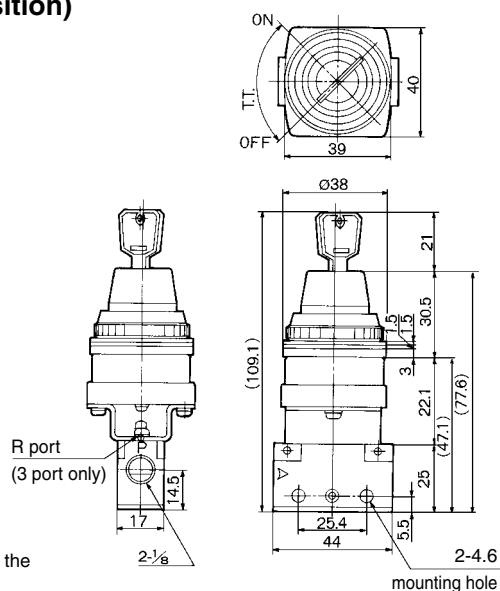


* 0.5 MPa supply

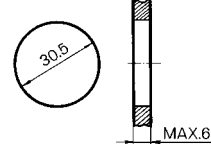
F.O.F. *	15 N
T.T.	90°

Key selector (2 position)

VM120-01-36
VM130-01-36

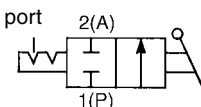


Panel mounting hole

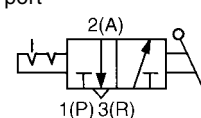


JIS Symbol

2 port



3 port



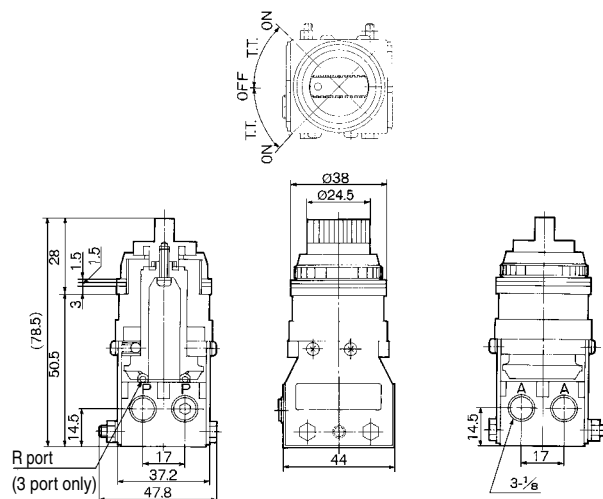
* 0.5 MPa supply

F.O.F. *	15 N
T.T.	90°

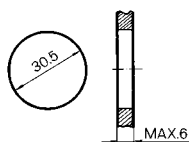
Key can be removed at the "on" and "off" positions.

Twist selector (3 position)

VM131-01-35R/B/G/Y
VM151-01-35R/B/G/Y

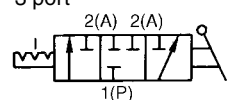


Panel mounting hole

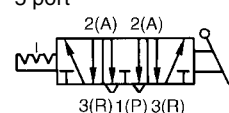


JIS Symbol

3 port



5 port



* 0.5 MPa supply

F.O.F. *	15 N
T.T.	45°