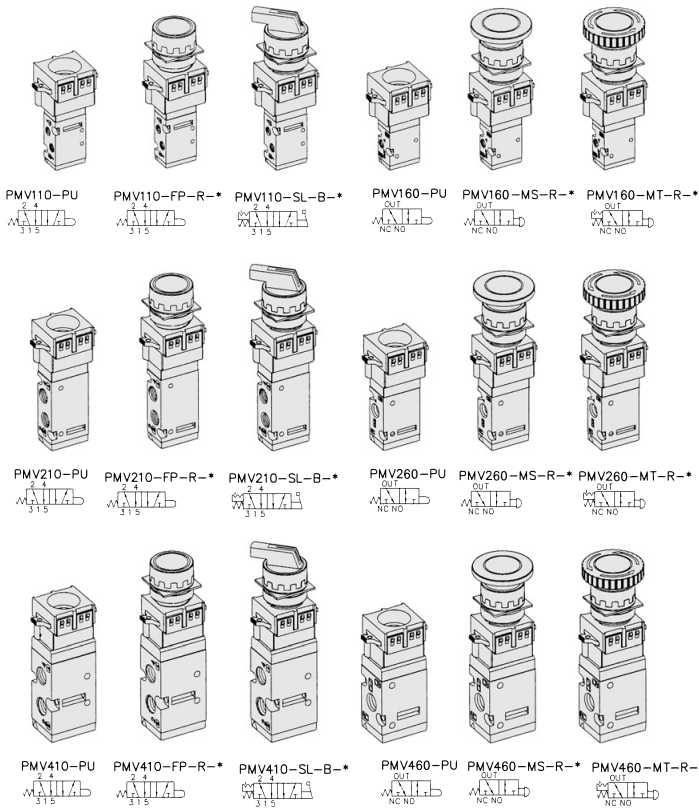


# PMV Series

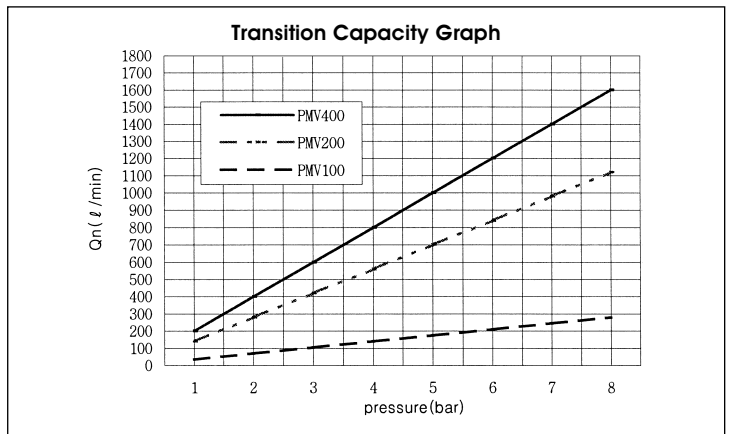
Manually & Mechanically Actuated Spool Valves

- 5/2, 3/2 - M5, 1/8, 1/4
- A Wide Range of Option Available
- Direct Operation Type
- Simple Panel Mounting



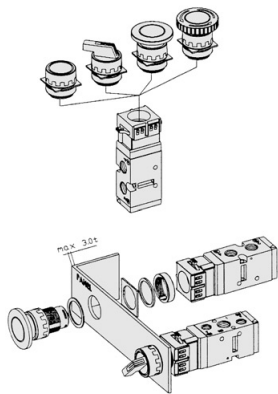
## SPECIFICATION

ITEM	SERIES	PMV100	PMV200	PMV400
FUNCTION		5/2, 3/2-Way		
Fluids		Compressed Air & Inert Gases		
Port Size		M5	1/8	1/4
Pressure(bar)		0~8.0		
Eff. Sectional Area(mm <sup>2</sup> )-5bar		3.5	12.6	19.0
Ambient & Fluid Temp.		5~60°C (41~140°F)		
Lubrication		Not Required(Use ISO VG32#)		



- ### The Material of Parts
- Valve Body : Die-Cast Aluminium
  - Spool : Aluminium
  - Seals : NBR
  - Spring : Stainless
  - Button Parts : Stainless Steel, POM
  - Switch Parts : Glass Filled Nylon, POM

\* The specification on each item can be amended without any prenotice to improve a performance.  
 \* The specification on each item can be different from actual specification.

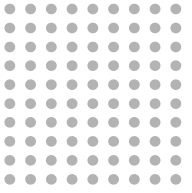


## ORDERING NO.

**PMV1 1 0 - FP - R - 1**

Valve Series	Function	Port Size & Thread	Switch Type	Push Button Color	Mounting Holes
<b>PMV1 :</b> M5 x 0.8-Port Body	1   5/2 - Spring Return 6   5/2 - Spring Return	0   G 1   NPT	0   None PU   Pushrod FP   Flush, Push Button (R) SL   Z-Position Selector (B) MS   Mushroom 40mm dia Spring Return (R) MT   Mushroom 40mm dia Turn to Unlock (R)	0   None B   Black R   Red G   Green Y   Yellow	0   None 1   22mm 2   25mm 3   30mm
<b>PMV2 :</b> 1/8-Port Body					
<b>PMV4 :</b> 1/4-Port Body					

( ) Standard Color



# Panel Mounting Manually Actuated Spool Valve

## Port Thread M5, 1/8, 1/4

### 5/2-Way, Pushrod & Selector Operation Thread-M5 × 0.8

OPERATION SPEC.	
T1 Valid Operation Dist	5.5mm
T2 Invalid Operation Dist	
F1 Pressure for Valid Operation	2.5kg
F2 Pressure for Invalid Operation	

PMV110-FP-R-1

Flush, Push Button

PMV110-SL-B-1

2-Position Selector

PMV110-MS-R-1

Dia Spring Return

PMV110-MT-R-1

Turn to unlock

### 3/2-Way, Pushrod & Selector Operation Thread-M5 × 0.8

OPERATION SPEC.	
T1 Valid Operation Dist	5.5mm
T2 Invalid Operation Dist	
F1 Pressure for Valid Operation	2.5kg
F2 Pressure for Invalid Operation	

PMV160-FP-R-1

Flush, Push Button

PMV160-SL-B-1

2-Position Selector

PMV160-MS-R-1

Dia Spring Return

PMV160-MT-R-1

Turn to unlock

### 5/2-Way, Pushrod & Selector Operation Thread-1/8

OPERATION SPEC.	
T1 Valid Operation Dist	5.5mm
T2 Invalid Operation Dist	
F1 Pressure for Valid Operation	3.0kg
F2 Pressure for Invalid Operation	

PMV210-FP-R-2

Flush, Push Button

PMV210-SL-B-2

2-Position Selector

PMV210-MS-R-2

Dia Spring Return

PMV210-MT-R-2

Turn to unlock

### 3/2-Way, Pushrod & Selector Operation Thread-1/8

OPERATION SPEC.	
T1 Valid Operation Dist	5.5mm
T2 Invalid Operation Dist	
F1 Pressure for Valid Operation	3.0kg
F2 Pressure for Invalid Operation	

PMV260-FP-R-2

Flush, Push Button

PMV260-SL-B-2

2-Position Selector

PMV260-MS-R-2

Dia Spring Return

PMV260-MT-R-2

Turn to unlock

### 5/2-Way, Pushrod & Selector Operation Thread-1/4

OPERATION SPEC.	
T1 Valid Operation Dist	5.5mm
T2 Invalid Operation Dist	
F1 Pressure for Valid Operation	4.0kg
F2 Pressure for Invalid Operation	

PMV410-FP-R-3

Flush, Push Button

PMV410-SL-B-3

2-Position Selector

PMV410-MS-R-3

Dia Spring Return

PMV410-MT-R-3

Turn to unlock

### 3/2-Way, Pushrod & Selector Operation Thread-1/4

OPERATION SPEC.	
T1 Valid Operation Dist	5.5mm
T2 Invalid Operation Dist	
F1 Pressure for Valid Operation	4.0kg
F2 Pressure for Invalid Operation	

PMV460-FP-R-3

Flush, Push Button

PMV460-SL-B-3

2-Position Selector

PMV460-MS-R-3

Dia Spring Return

PMV460-MT-R-3

Turn to unlock

### Switch Ordering No.

FP		R		1	
Switch Button	Button Color	Mounting Hole			
FP	Flush, Push Button (R)	0	None	0	None
SL	2-Position Selector (B)	B	Black	1	22mm
		R	Red	2	25mm
		G	Green	3	30mm
		Y	Yellow		
MS	Mushroom 40mm dia Spring Return (R)				
MT	Mushroom 40mm dia Turn to Unlock (R)				

Flush, Push Button    2-Position Selector    Dia Spring Return    Turn to unlock    PANEL HOLE (øA)

