

3 · 5 Port Mechanical Valves

Series *DM*



- VARIOUS ACTUATORS AVAILABLE
- EASY TO INTERCHANGE ACTUATOR ASSEMBLIES

Specifications				
Body Type	DM230	DM330	DM450	DM550
Fluid	Air			
Operating Pressure Range	0~7kgf/cm ²		1.5~7kgf/cm ²	
Effective Orifice mm ² (Cv)	11.0(0.6)	19.0(1.0)	14.0(0.7)	19.0(1.0)
Lubrication	Not Required			
Port Size	Rc(PT)1/8	Rc(PT)1/4	Rc(PT)1/8	Rc(PT)1/4
Weight(gf)	88	125	163	191
Actuator	Basic Type, Roller Plunger, Roller, Push Button(Mushroom), Push Button(Flush), Selector			
Symbol				

How To Order

DM **2** **30** —  — **01** **B** — **R**
1 2 3 4 5 6 7

1 Mechanical Valve

2 Body Type

- 2 : B Type
- 3 : C Type
- 4 : D Type
- 5 : E Type

3 Type of Actuation

- 30 : 2 Position 3 Port N.O/N.C.
- 50 : 2 Position 5 Port

4 Mounting

- Blank : Standard
- *B : Bracket
- *Bracket Part No
- DM450 Series : DM-4B
- DM550 Series : DM-5B

5 Port Size

- 01 : 1/8
- 02 : 1/4

6 Actuator

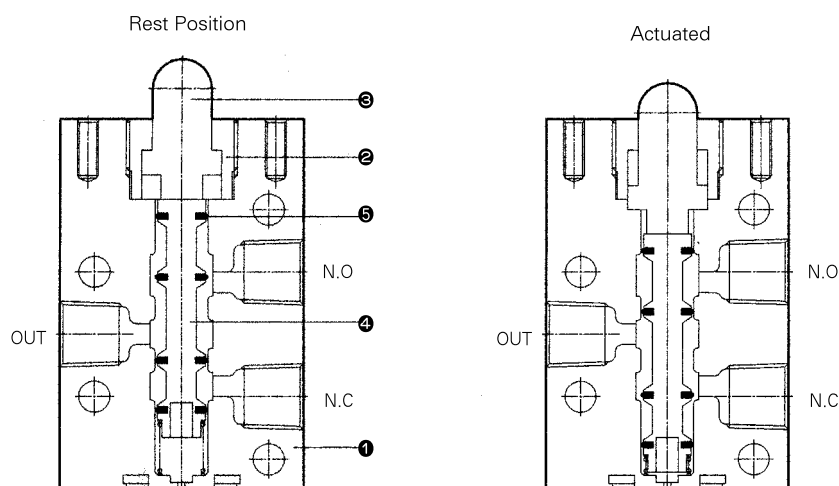
- B : Basic Type
- R : Roller Plunger
- RB : Roller
- E : Push Button(Mushroom)
- P : Push Button(Flush)
- S : Selector

7 Operator Color

- R : Red
- G : Green
- B : Black

B TYPE	C TYPE	D TYPE	E TYPE

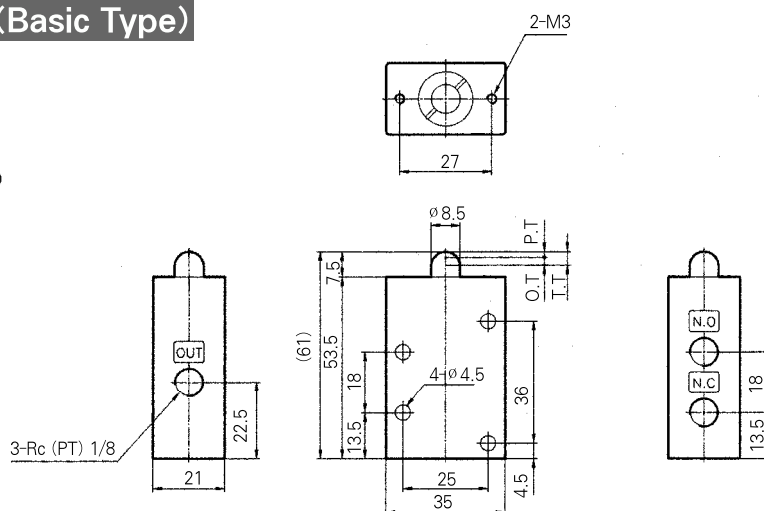
DM230/Construction/Parts List



No.	Description	Material
①	Body	Al
②	Housing	C3604
③	Button	POM
④	Spool	A2011
⑤	Spool Packing	NBR

DM230-01B (Basic Type)

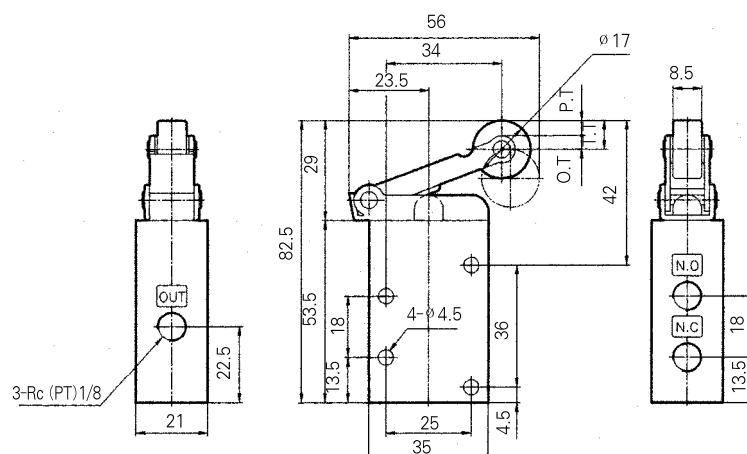
Symbol



F.O.F	2.5kgf
P.T	1.5mm
O.T	2mm
T.T	3.5mm

DM230-01R (Roller Plunger)

Symbol

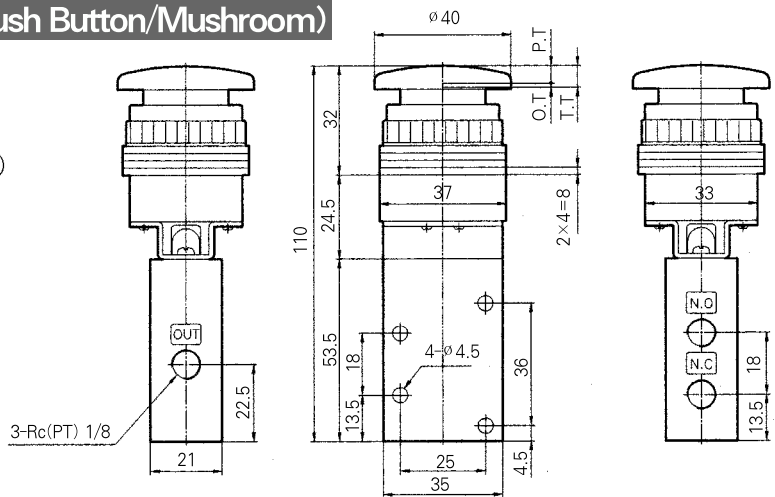


F.O.F	1.2kgf
P.T	4mm
O.T	4.5mm
T.T	8.5mm

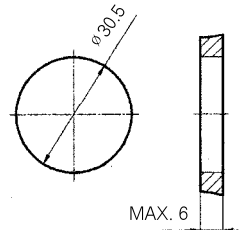
Series DM

DM230-01E(Push Button/Mushroom)

Symbol

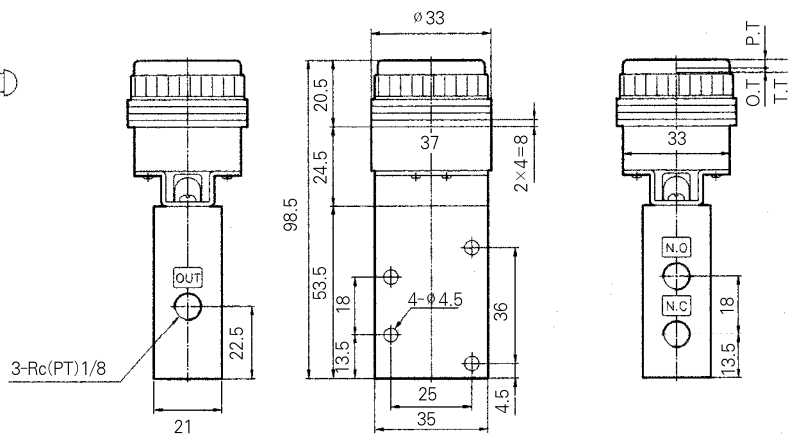


F.O.F	2.6kgf
P.T	4.9mm
O.T	1.6mm
T.T	6.5mm

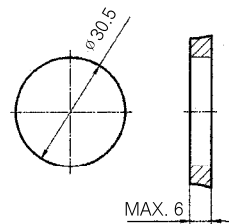


DM230-01P (Push Button/Flush)

Symbol

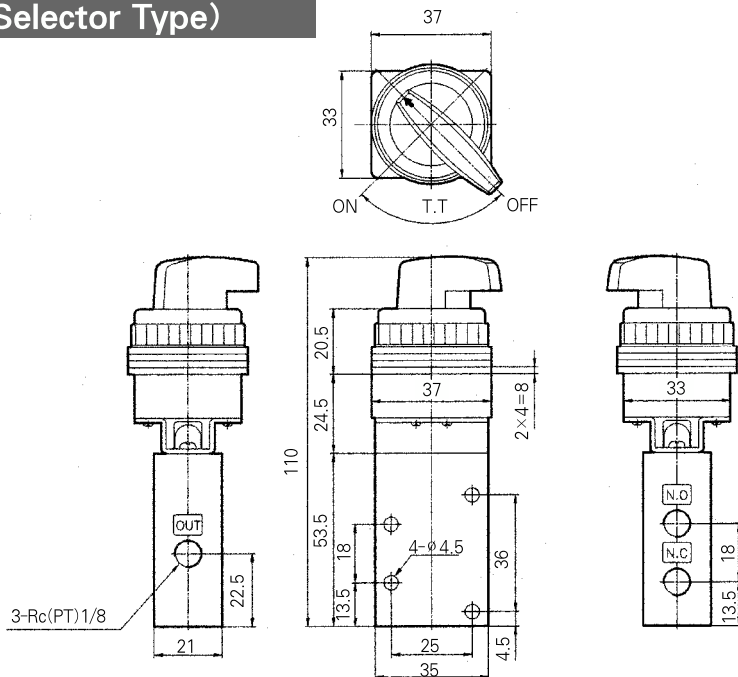
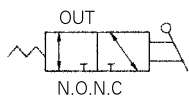


F.O.F	2.6kgf
P.T	4.9mm
O.T	1.6mm
T.T	6.5mm

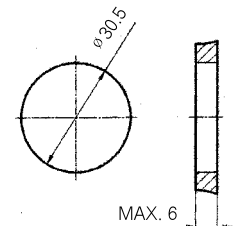


DM230-01S (Selector Type)

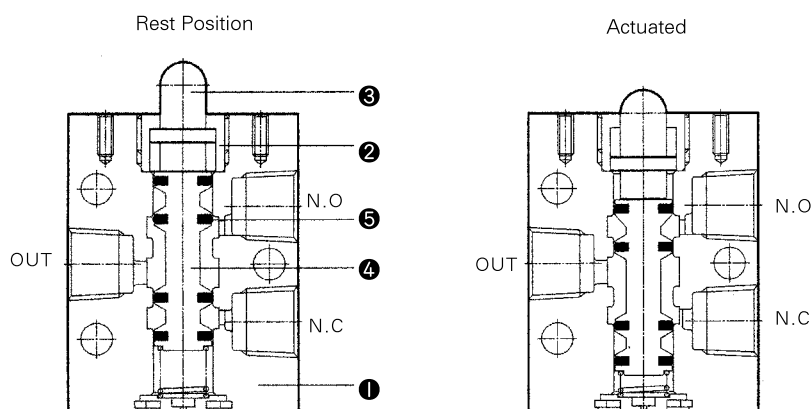
Symbol



F.O.F	1.0 kgf
T.T	90°



DM330/Construction/Parts List



No.	Description	Material
①	Body	AL
②	Housing	C3604
③	Button	POM
④	Spool	A2011
⑤	Spool Packing	NBR

DW

DS

DV

DX2

DP

DM

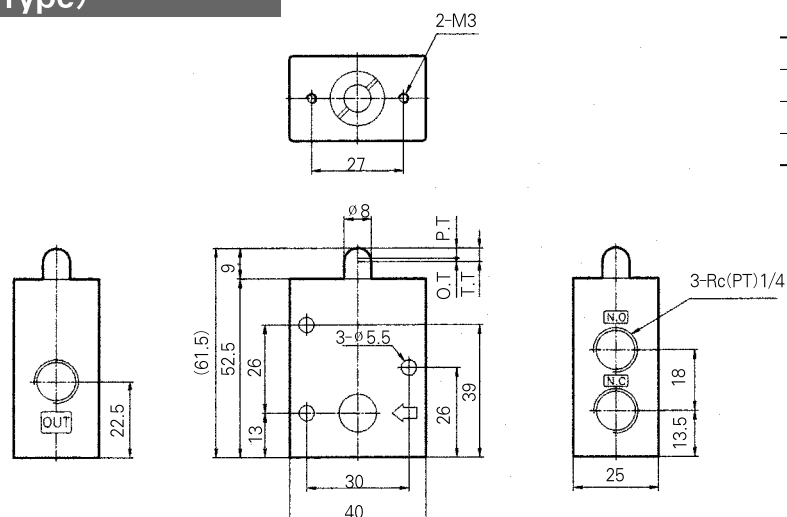
DH

DT

DC

DM330-02B (Basic Type)

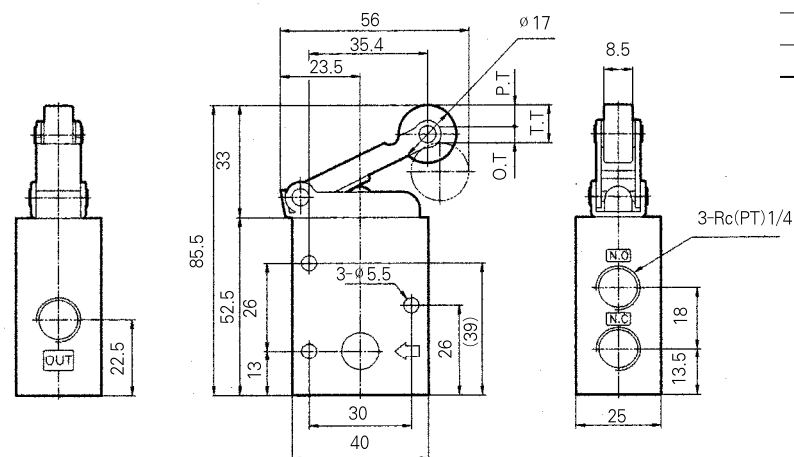
Symbol



F.O.F	2.2kgf
P.T	3mm
O.T	2mm
T.T	5mm

DM330-02R (Roller Plunger)

Symbol

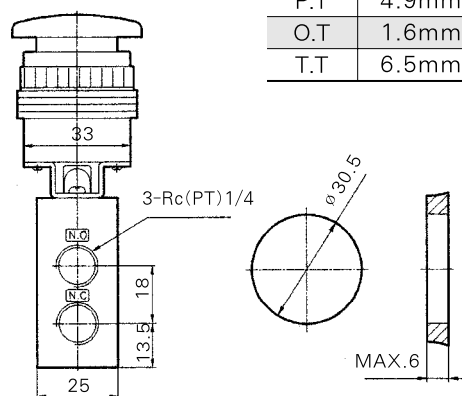
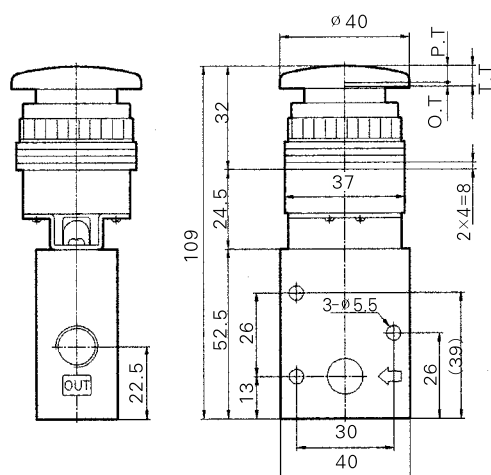
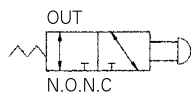


F.O.F	1.2kgf
P.T	6.5mm
O.T	4.5mm
T.T	11mm

Series DM

DM330-02E (Push Button/Mushroom)

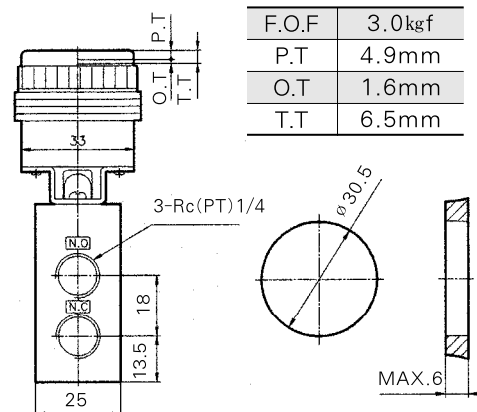
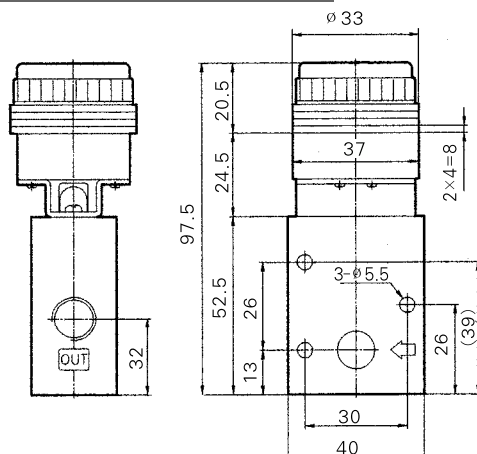
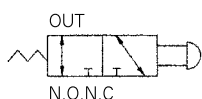
Symbol



F.O.F	3.0kgf
P.T	4.9mm
O.T	1.6mm
T.T	6.5mm

DM-330-02P (Push Button/Flush)

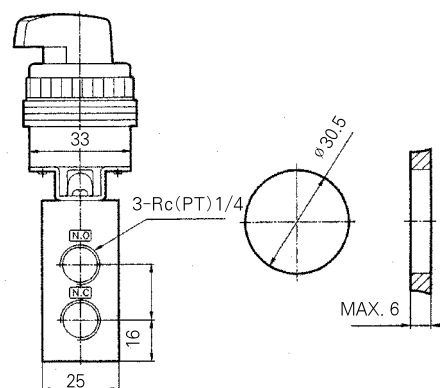
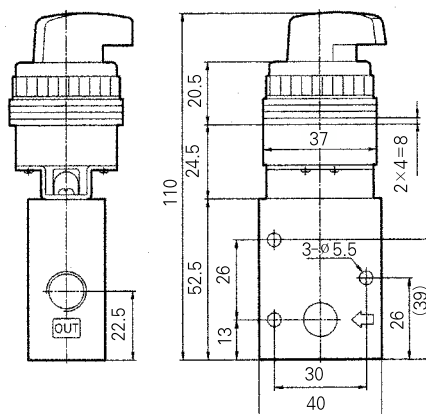
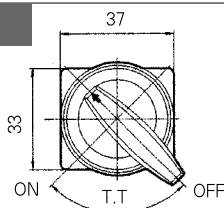
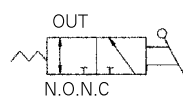
Symbol



F.O.F	3.0kgf
P.T	4.9mm
O.T	1.6mm
T.T	6.5mm

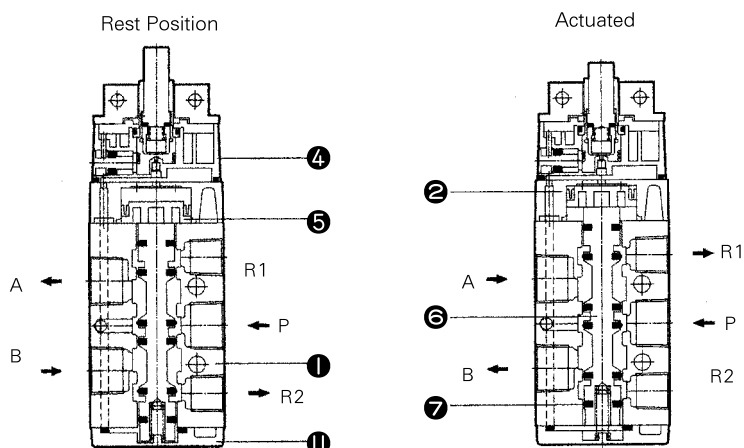
DM330-02S (Selector Type)

Symbol



F.O.F	1.0kgf
T.T	90°

DM450/Construction/Parts List



No.	Description	Material
①	Body	Al
②	Semi Pilot	ZADC
③	Cap	ZnDC
④	Pilot	ZnDC
⑤	Piston	PBT
⑥	Spool	A2011
⑦	Spool Packing	NBR

DW

DS

DV

DX2

DP

DM

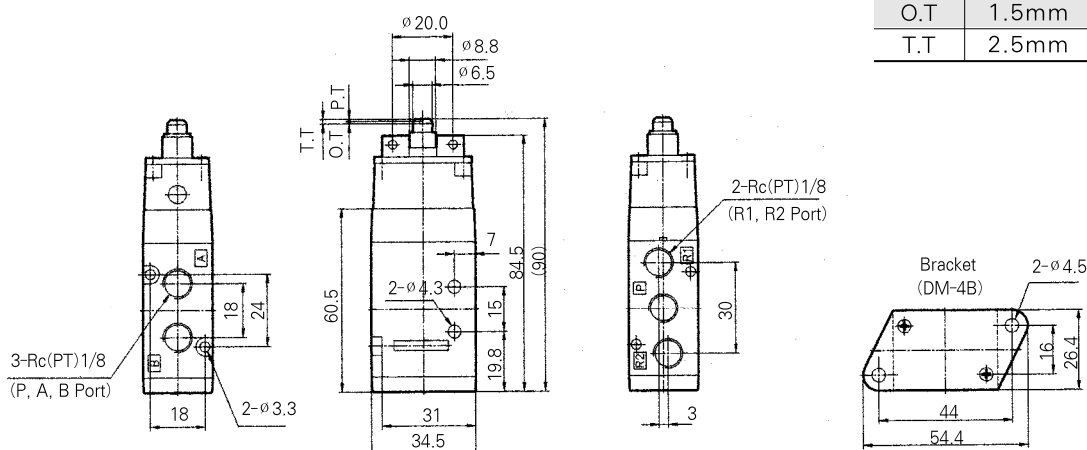
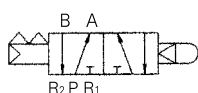
DH

DT

DC

DM450-01B (Basic Type)

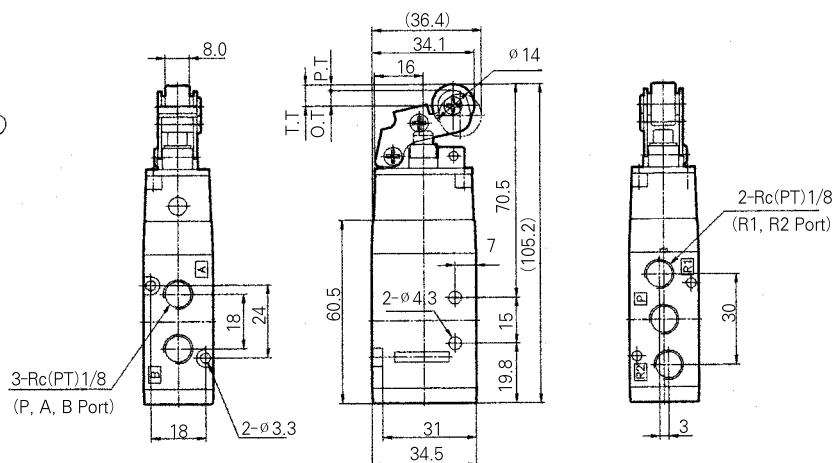
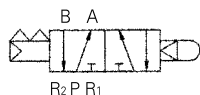
Symbol



F.O.F	1.5kgf
P.T	1mm
O.T	1.5mm
T.T	2.5mm

DM450-01R (Roller Plunger)

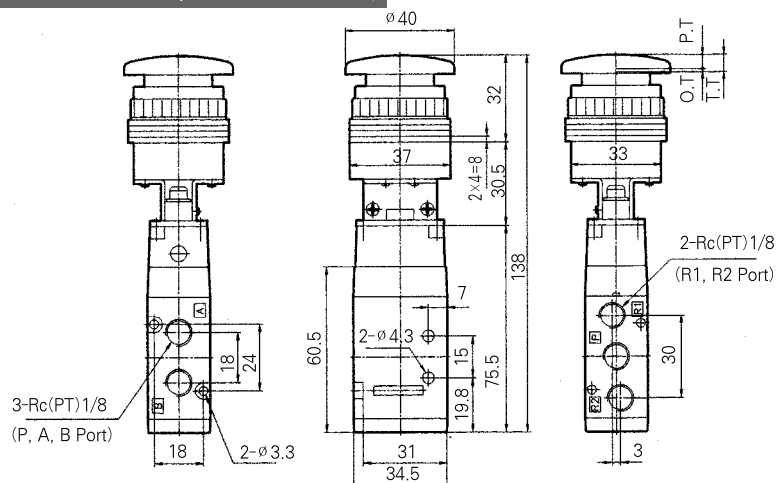
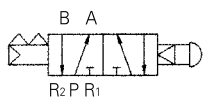
Symbol



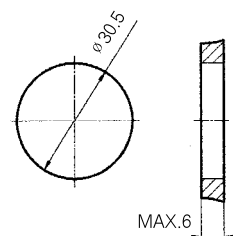
F.O.F	1.0kgf
P.T	1.5mm
O.T	1.5mm
T.T	3mm

DM450-01E (Push Button/Mushroom)

Symbol

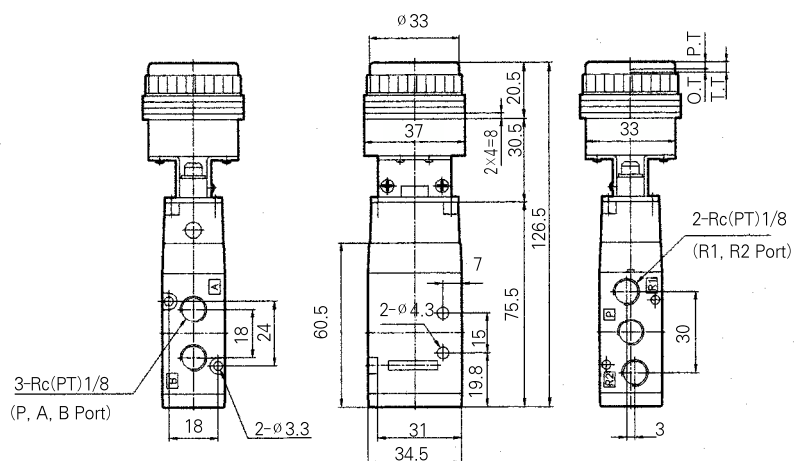
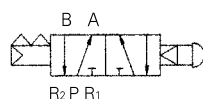


F.O.F	1.5kgf
P.T	4.5mm
O.T	1.5mm
T.T	6mm

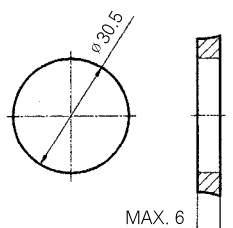


DM450-01P (Push Button/Flush)

Symbol

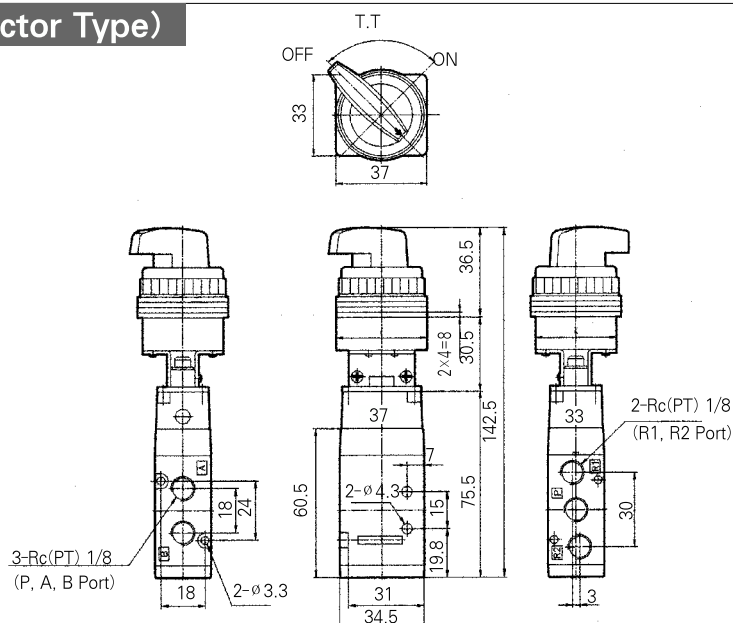


F.O.F	1.5kgf
P.T	2.5mm
O.T	1.5mm
T.T	4mm



DM450-01S (Selector Type)

Symbol



F.O.F	1.5kgf
T.T	90 °

