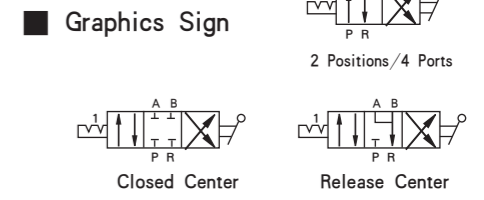
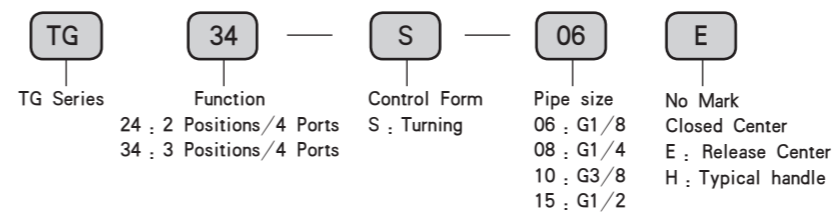


3 Positions/4 Ports Manually-turn Valve



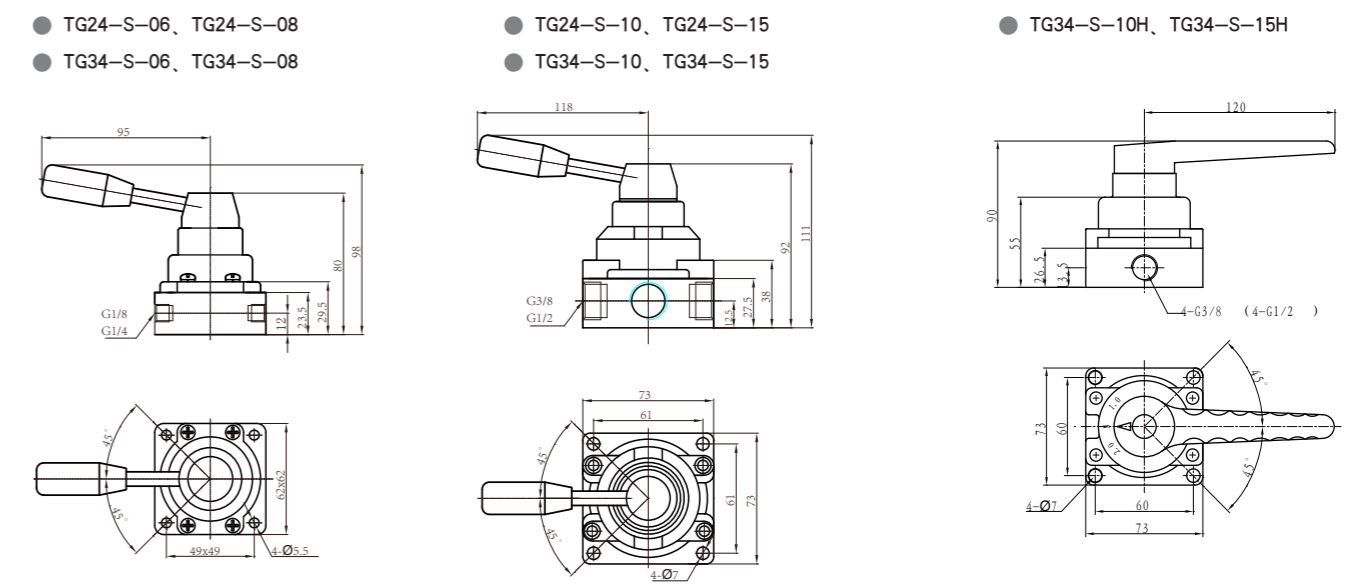
Ordering Code



Technical Parameter

Item	Function	Pipe size	Nominal Diameter (mm)	Applicable Medium	Applicable Pressure Range	Control Method	Lubrication	Medium Temperature
TG24-S-06	2 Positions/4 Ports	G1/8	6	Air	0 ~ 1.0MPa	Manually Control	Needless	-5 ~ 60°C
TG24-S-08		G1/4	8					
TG24-S-10		G3/8	10					
TG24-S-15		G1/2	15					
TG34-S-06 TG34-S-06E	3 Positions/4 Ports	G1/8	6					
TG34-S-08 TG34-S-08E		G1/4	8					
TG34-S-10 TG34-S-10E		G3/8	10					
TG34-S-15 TG34-S-15E		G1/2	15					
TG34-S-10H		G3/8	10					
TG34-S-15H		G1/2	15					

Figure Dimension

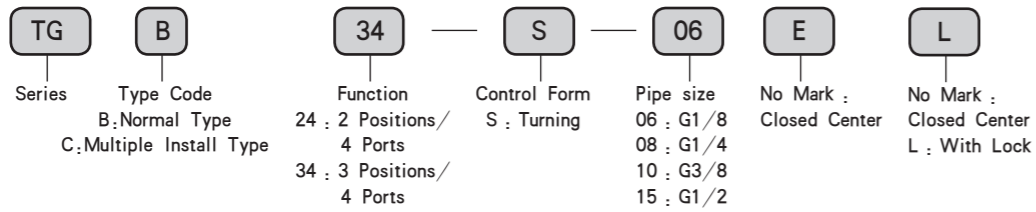


3 Positions/4 Ports Manually-turn Valve(Ceramic Seal)

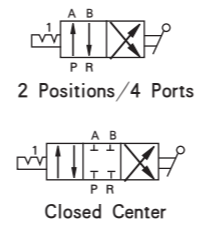


● TGB34-S-08 ● TGB34-S-15 ● TGC34-S-08 ● TGC34-S-15 ● TGB34-S-15L

● Ordering Code



■ Graphics Sign



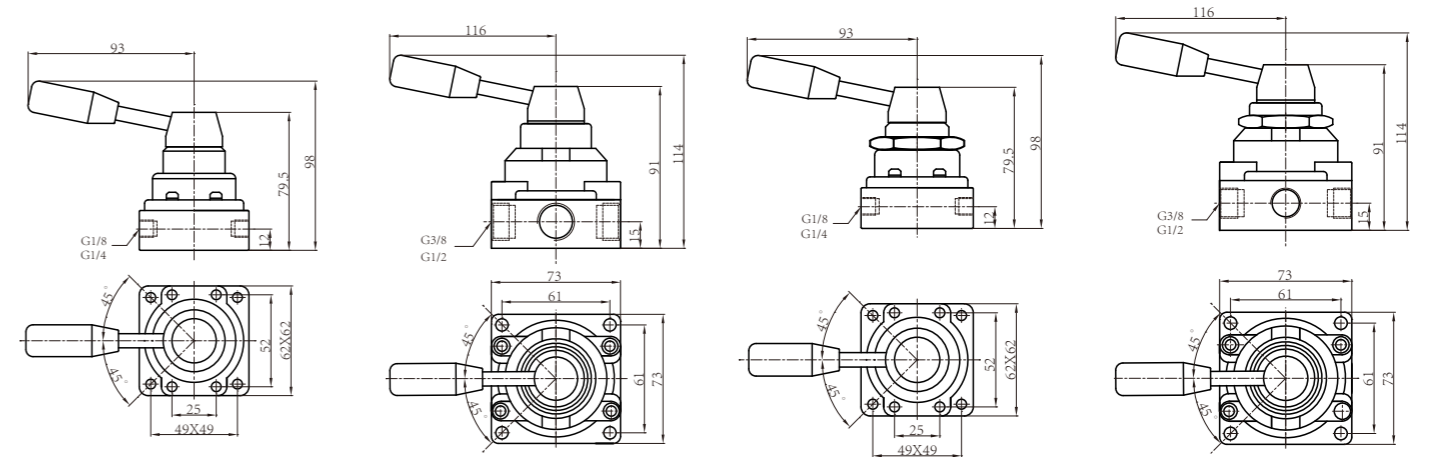
■ Technical Parameter

Item	Function	Pipe Size	Nominal Diameter (mm)	Applicable Medium	Applicable Pressure Range	Control Method	Lubrication	Medium Temperature
TGB24-S-06	2 Positions/4 Ports	G1/8	6	Air	0 ~ 1.0MPa	Manually Control	Needless	-5 ~ 60°C
TGB24-S-08		G1/4	8					
TGB24-S-10		G3/8	10					
TGB24-S-15		G1/2	15					
TGC24-S-06		G1/8	6					
TGC24-S-08		G1/4	8					
TGC24-S-10		G3/8	10					
TGC24-S-15		G1/2	15					
TGB34-S-06 TGB34-S-06L	3 Positions/4 Ports	G1/8	6	Air	0 ~ 1.0MPa	Manually Control	Needless	-5 ~ 60°C
TGB34-S-08 TGB34-S-08L		G1/4	8					
TGB34-S-10 TGB34-S-10L		G3/8	10					
TGB34-S-15 TGB34-S-15L		G1/2	15					
TGC34-S-06 TGC34-S-06L		G1/8	6					
TGC34-S-08 TGC34-S-08L		G1/4	8					
TGC34-S-10 TGC34-S-10L		G3/8	10					
TGC34-S-15 TGC34-S-15L		G1/2	15					

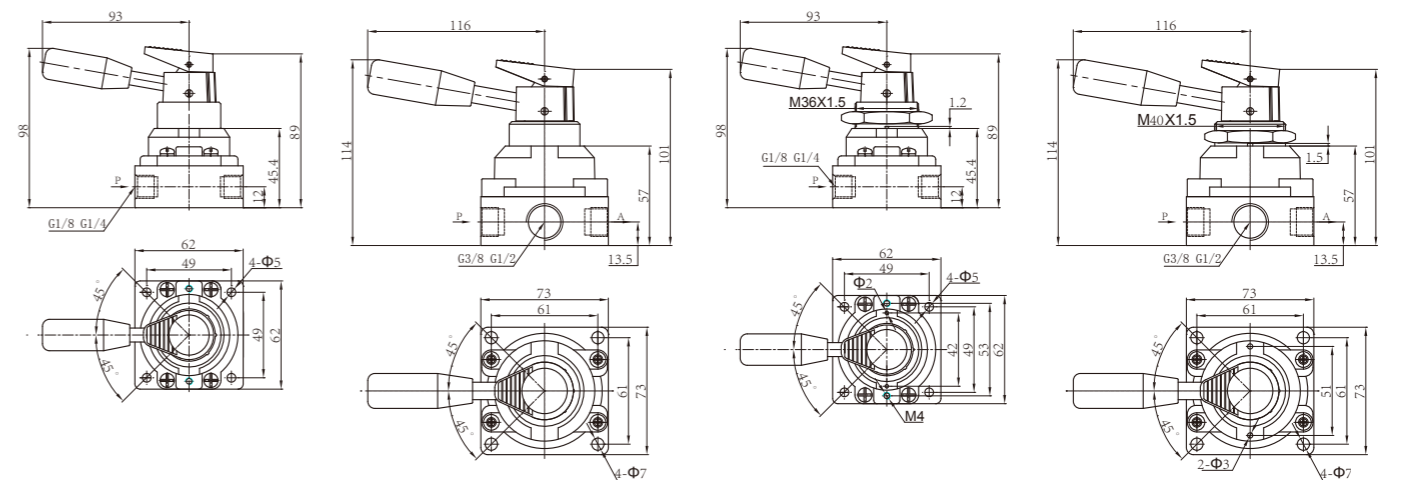
3 Positions/4 Ports Manually-turn Valve(Ceramic Seal)

■ Figure Dimension

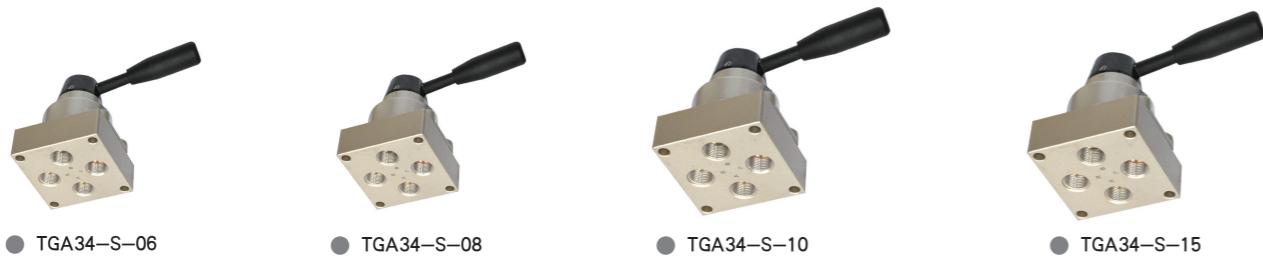
- TGB24-S-06
- TGB24-S-08
- TGB34-S-06
- TGB34-S-08
- TGB24-S-10
- TGB24-S-15
- TGB34-S-10
- TGB34-S-15
- TGC24-S-06
- TGC24-S-08
- TGC34-S-06
- TGC34-S-08
- TGC24-S-10
- TGC24-S-15
- TGC34-S-10
- TGC34-S-15



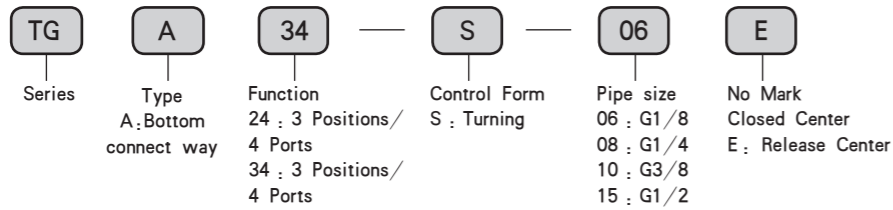
- TGB34-S-06L
- TGB34-S-08L
- TGB34-S-10L
- TGB34-S-15L
- TGC34-S-06L
- TGC34-S-08L
- TGC34-S-10L
- TGC34-S-15L



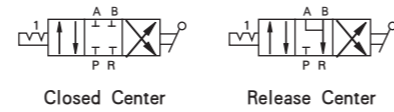
3 Positions/4 Ports Valves(Ports On The Bottom)



Ordering Code



Graphics Sign

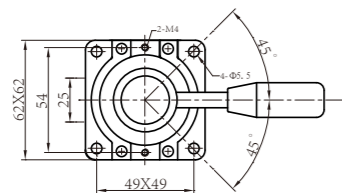
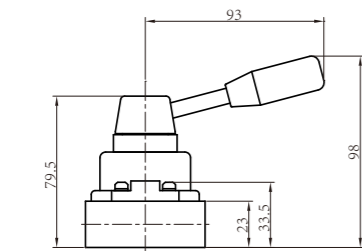


Technical Parameter

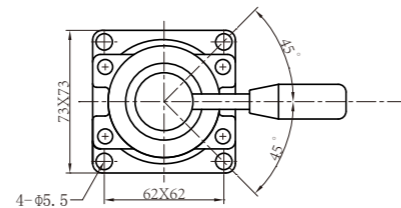
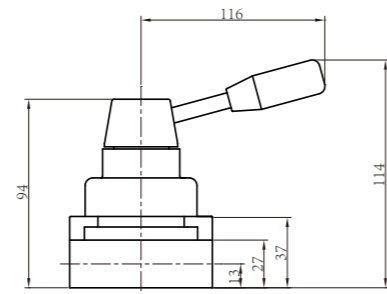
Item	Function	Pipe Size	Nominal Diameter (mm)	Applicable Medium	Applicable Pressure Range	Control Method	Lubrication	Medium Temperature
TGA34-S-06	3 Positions/4 Ports	G1/8	6	Air	0 ~ 1.0MPa	Manually Control	Needless	-5 ~ 60°C
TGA34-S-08		G1/4	8					
TGA34-S-10		G3/8	10					
TGA34-S-15		G1/2	15					
TGA34-S-06E		G1/8	6					
TGA34-S-08E		G1/4	8					
TGA34-S-10E		G3/8	10					
TGA34-S-15E		G1/2	15					

Figure Dimension

TGA34-S-06, TGA34-S-08



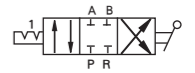
TGA34-S-10, TGA34-S-15



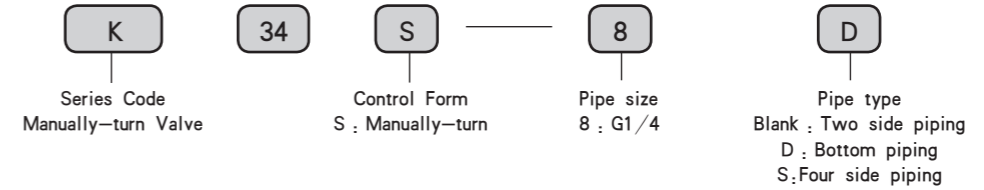
K Series Manually-turn Valve



Graphics Sign



Ordering Code

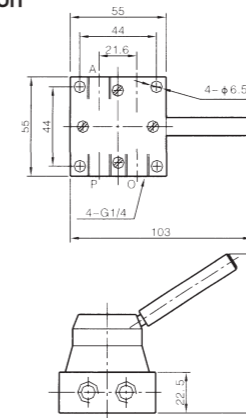


Technical Parameter

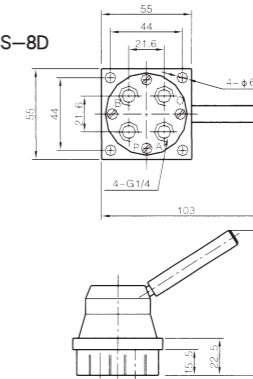
Item\Specification	K23S-8	K24S-8	K34S-8	K34S-8S	K34S-8D
Pipe thread	G1/4				
Operating pressure MPa	0 ~ 1.0 MPa				
Medium Temperature	-10 ~ 60 °C				
Effective Cross Area	10				
Pipe type	Side piping			Bottom piping	
Working life(M)	≥ 150 M				

Figure Dimension

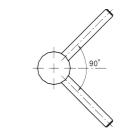
K34S-8



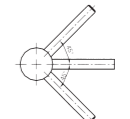
K34S-8D



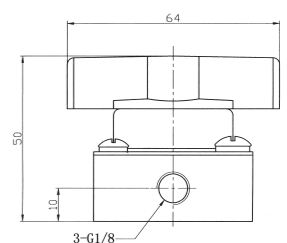
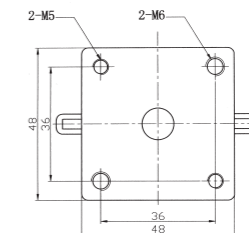
2 Positions hand position



3 Positions hand position



2 Position/3 Ports Trun Valve



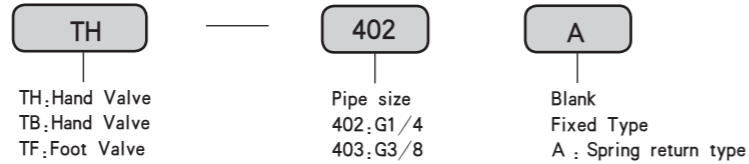
Technical Parameter

Item	Structure Type	Pipe Thread	Nominal Diameter (mm)	Applicable Fluid	Pressure Range	Operating Method	Lubrication	Applicable Temperature
TG23-S-06	2 Position/3 Ports	G1/8	φ2.8	Air	0 ~ 1.0MPa	Direct Action Type	Not Required	-5 ~ 60°C

Hand Valve/Foot Valve



● Ordering Code

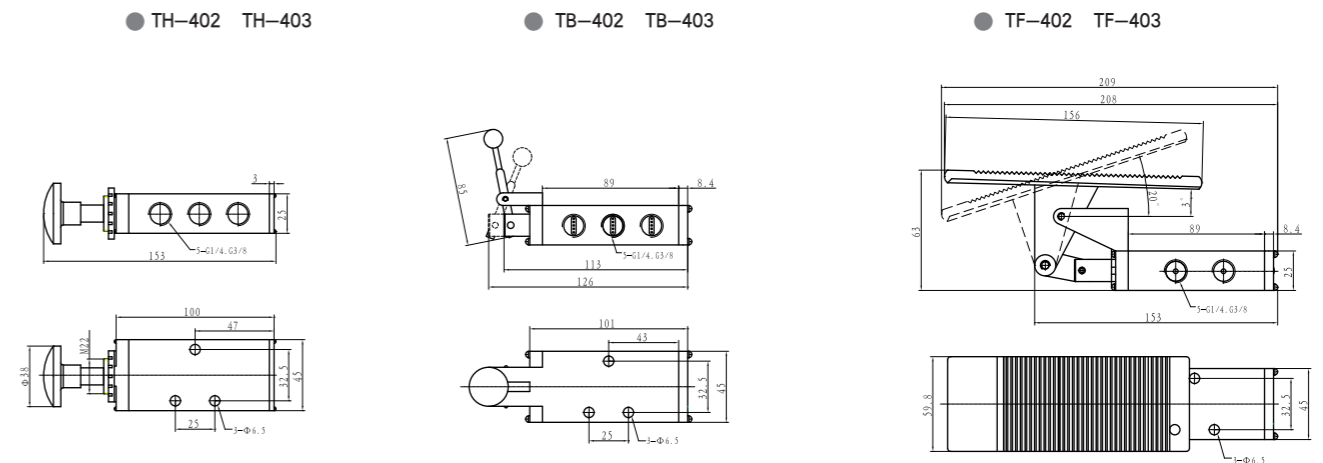


■ Technical Parameter

Item \ Specification	TH-402/TH-403	TH-402A/TH-403A	TB-402/TB-403	TB-402A/TB-403A	TF-402/TF-403	TF-402A/TF-403A
Material of Body	Aluminum Alloy					
Control Form	Hand		Hand		Foot	
Function	2 Positions/5 Ports					
Pipe Size	G1/4, G3/8					
Applicable Fluid	Air					
Pressure Range	0 ~ 0.8MPa					
Medium Temperature	-5 ~ 60°C					

Hand Valve/Foot Valve

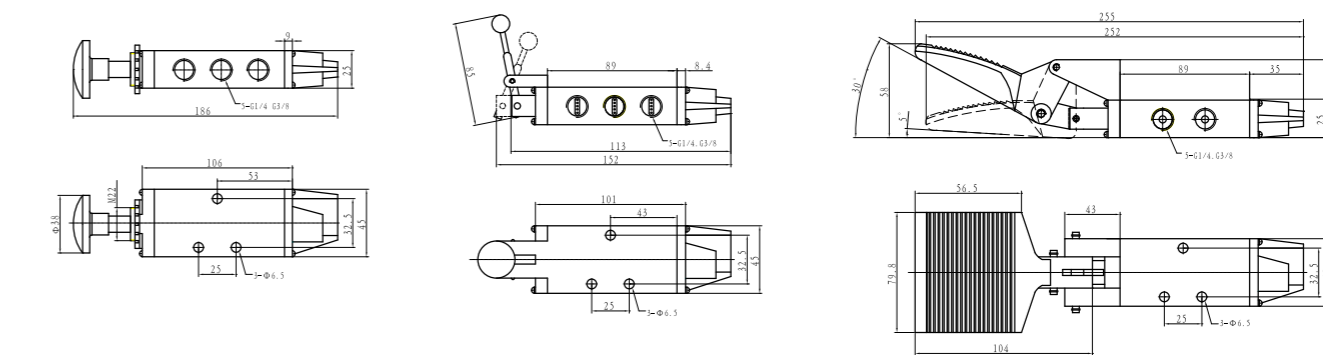
■ Figure Dimension



● TH-402A TH-403A

● TB-402A TB-403A

● TF-402A TF-403A



TG series Hand Valve

● **Charatcer** Product design, compact, good looks, with the operating force, easy to use and so on. Pneumatic devices were widely used in control devices.

● **Ordering Code**

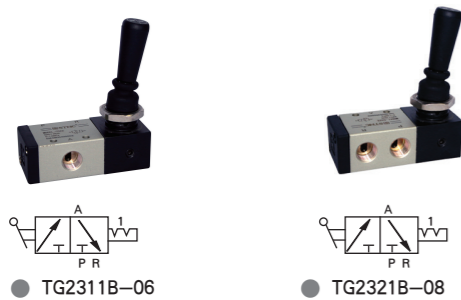
TG	25	2	1B	06	C	M
Series	Function	Connection Code	Control Form	Pipe Size	Working Mode	Working Mode
23 : 2 Positions/3Ports	25 : 2 Positions/5Ports	1 : 1/8 2 : 1/4 3 : 3/8 4 : 1/2	Hand Lever	06 : G1/8 08 : G1/4 10 : G3/8 15 : G1/2	No Mark : 2 Positions C : 3 Positions Closed Center E : 3 Positions Release Center	No Mark : Normal Type M : Multiple location instllation

■ **Technical Parameter**

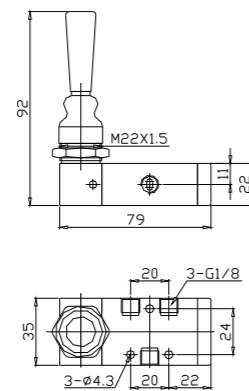
Item Specification	Function	Pipe Size	Nominal Diameter (mm)	Applicable Medium	Applicable Pressure Range	Operating Method	Lubrication	Medium Temperature
TG2311B-06	2 Positions/3 Ports	G1/8	6	Air	0 ~ 1.0MPa	Manually Control	Needless	-5 ~ 60°C
TG2321B-08		G1/4	8					
TG2511B-06	2 Positions/5 Ports	G1/8	8					
TG2521B-08		G1/4	8					
TG2521B-08M		G1/4	8					
TG2531B-10		G3/8	10					
TG2541B-15		G1/2	15					
TG3521B-08C	3 Positions/5 Ports	G1/4	8					
TG3531B-10C		G3/8	10					
TG3541B-15C		G1/2	15					

■ **Figure Dimension**

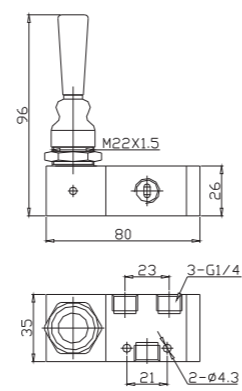
2 Positions/3 Ports Hand Valve



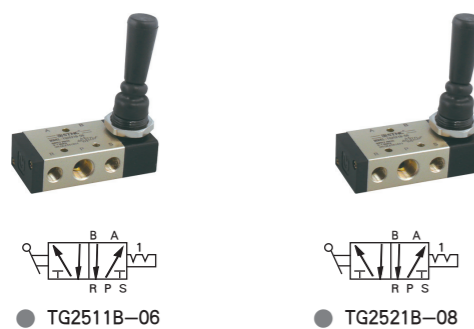
● TG2311B-06



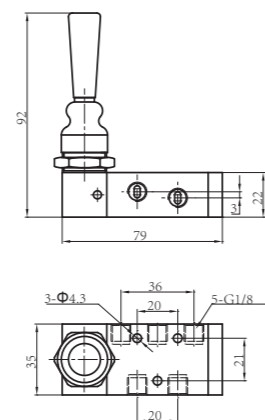
● TG2321B-08



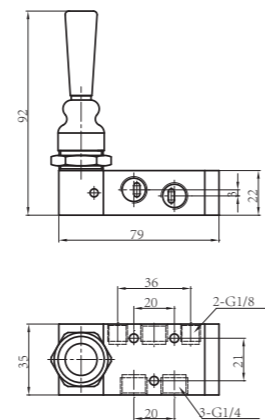
2 Positions/5 Ports Hand Valve



● TG2511B-06



● TG2521B-08

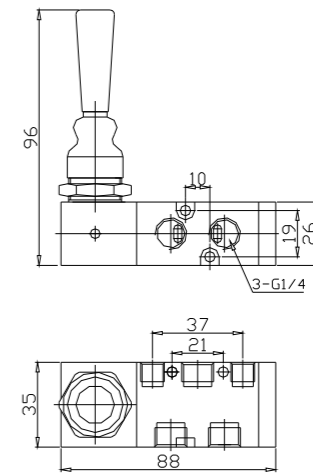


TG series Hand Valve

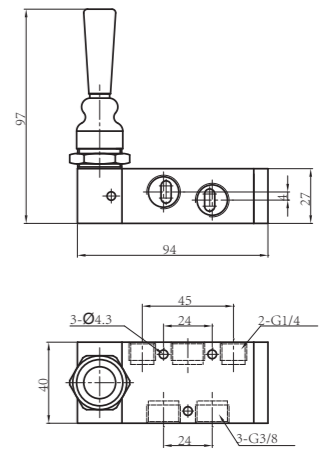
2 Positions/5 Ports Hand Valve



● TG2521B-08M



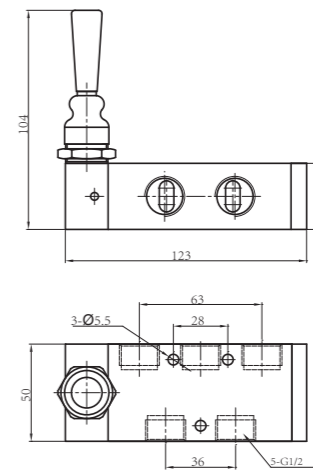
● TG2531B-10



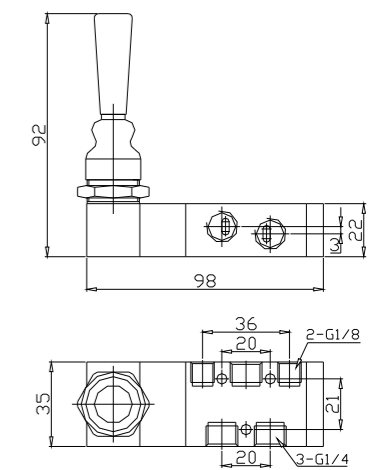
2 Positions/5 Ports Hand Valve



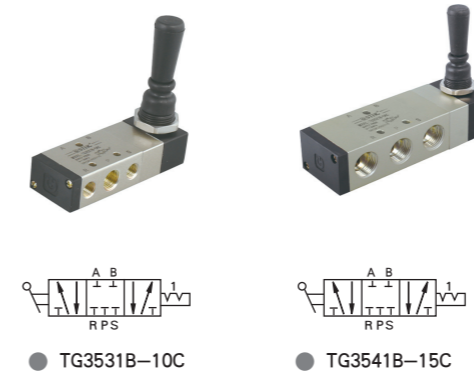
● TG2541B-15



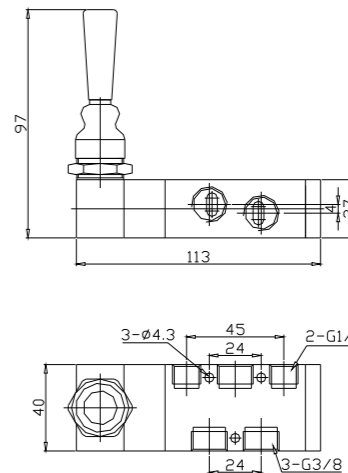
● TG3521B-08C



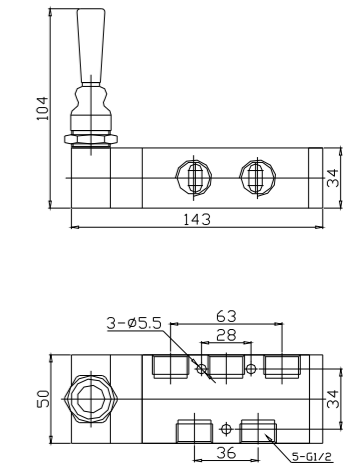
3 Positions/5 Ports Hand Valve



● TG3531B-10C



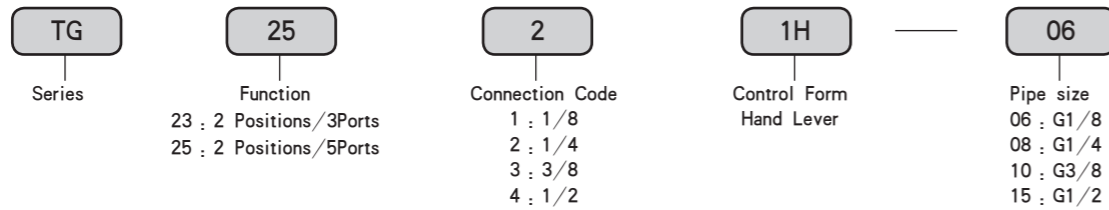
● TG3541B-15C



TG series hand valve

● **Character** Product design, compact, good looks, with the operating force, easy to use and so on. Pneumatic devices were widely used in control devices.

● **Ordering Code**

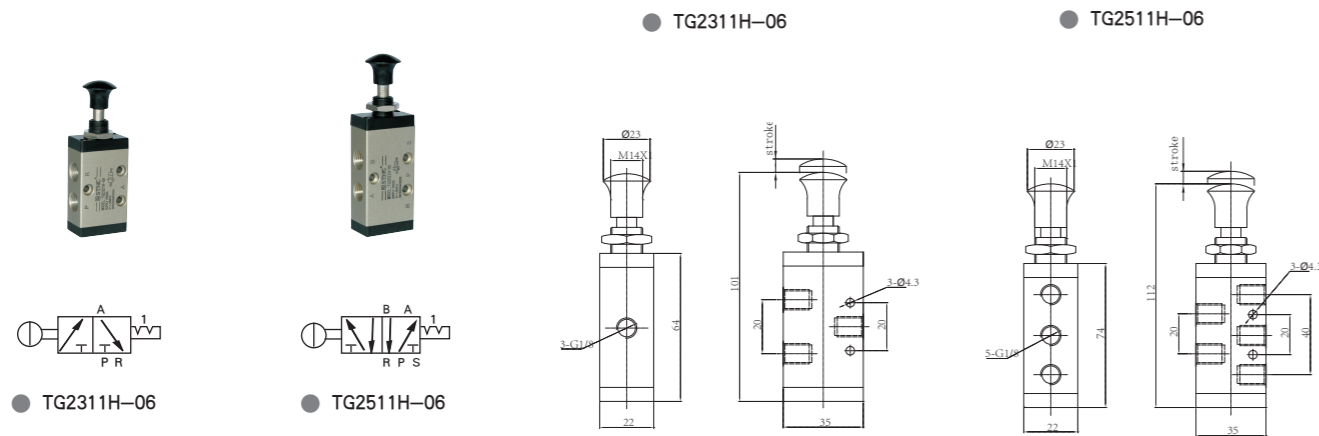


■ **Technical Parameter**

Item	Function	Pipe Size	Nominal Diameter (mm)	Applicable Medium	Applicable Pressure Range	Operating Method	Lubrication	Medium Temperature
TG2311H-06	2 Positions/3 Ports	G1/8	6	Air	0 ~ 1.0MPa	Manually Control	Needless	-5 ~ 60°C
TG2321H-08		G1/4	8					
TG2331H-10		G3/8	10					
TG2341H-15		G1/2	15					
TG2511H-06	2 Positions/5 Ports	G1/8	6					
TG2521H-08		G1/4	8					
TG2531H-10		G3/8	10					
TG2541H-15		G1/2	15					

■ **Figure Dimension**

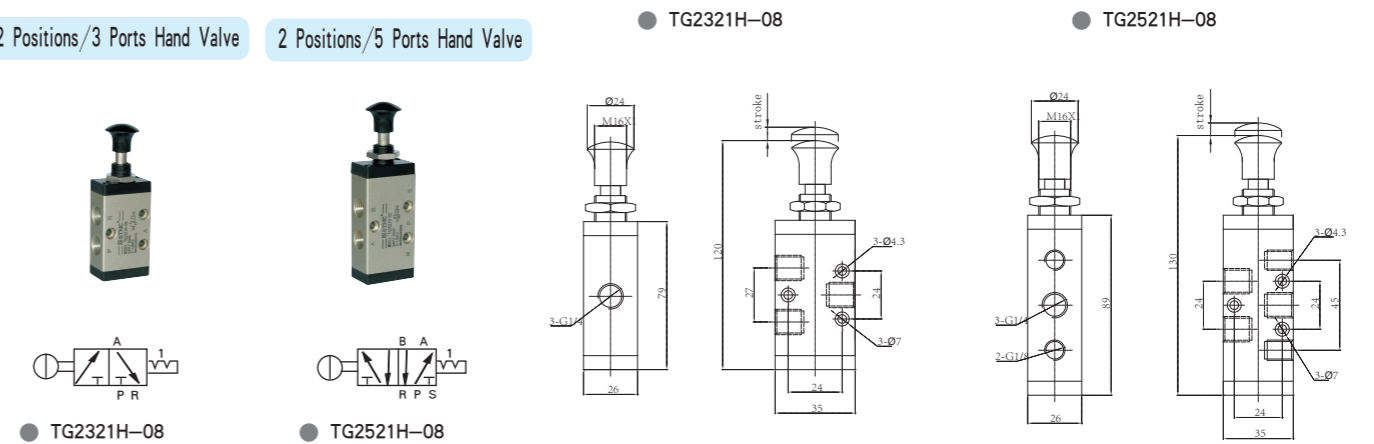
2 Positions/3 Ports Hand Valve 2 Positions/5 Ports Hand Valve



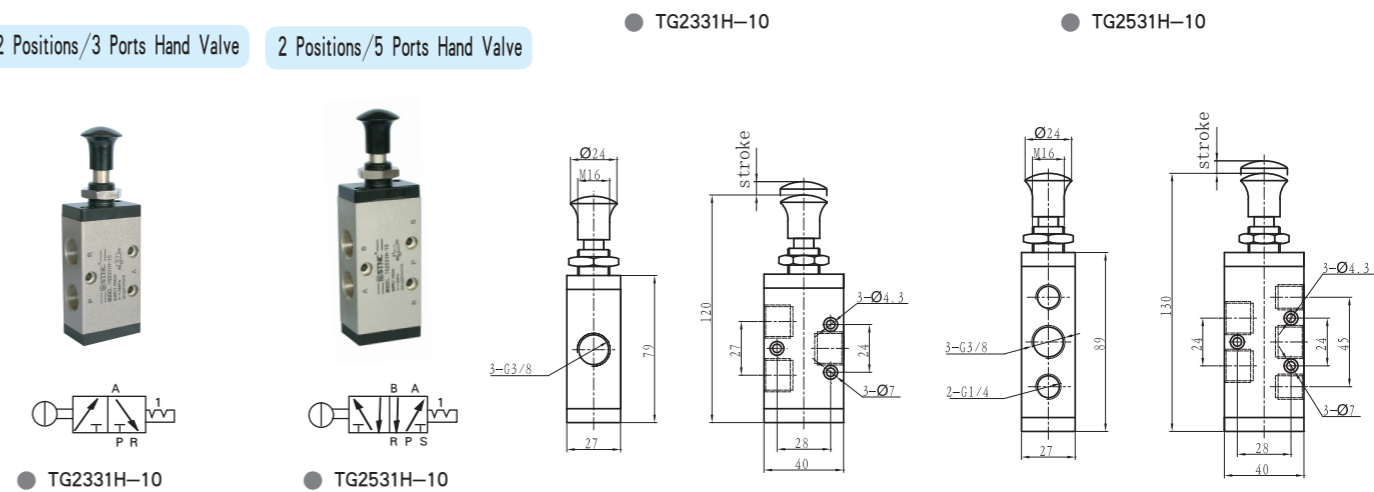
TG series hand valve

■ **Figure Dimension**

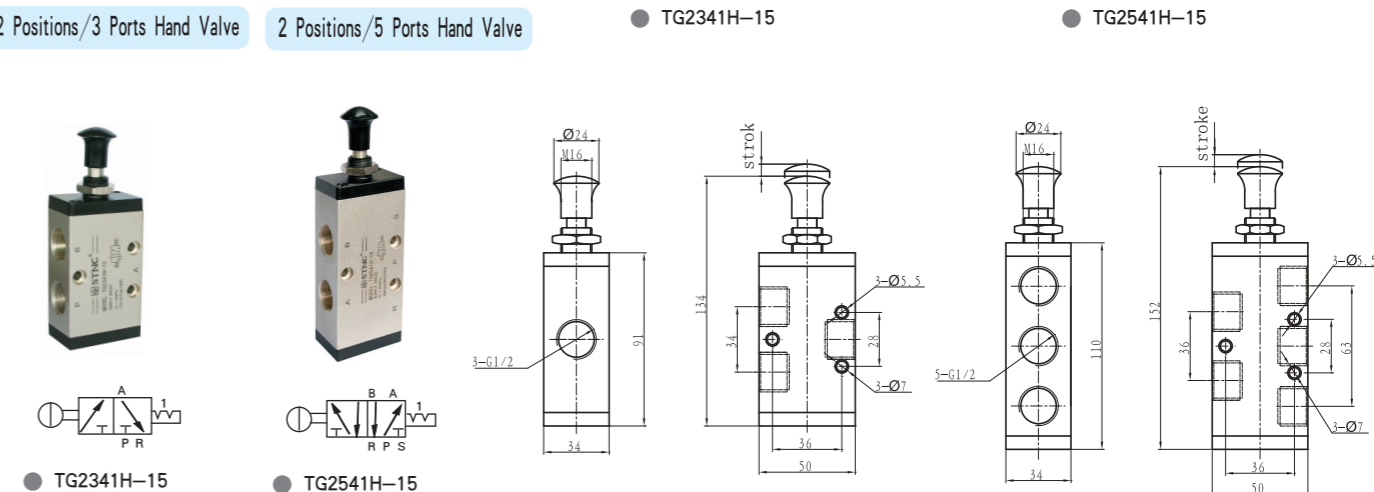
2 Positions/3 Ports Hand Valve 2 Positions/5 Ports Hand Valve



2 Positions/3 Ports Hand Valve 2 Positions/5 Ports Hand Valve

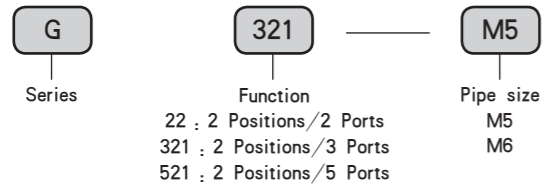


2 Positions/3 Ports Hand Valve 2 Positions/5 Ports Hand Valve



Mechanical Valve

● Ordering Code



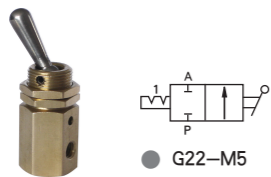
● Character

Product design, compact, good looks, with the operating force, easy to use and so on. Pneumatic devices were widely used in control devices.

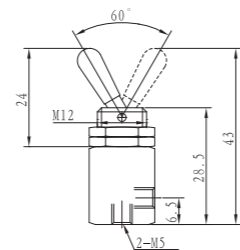
■ Technical Parameter

Item \ Specification	G22-M5	G321-M5	G521-M5
Medium Temperature		-5 ~ 60°C	
Pressure Range		0 ~ 1.0 MPa	
Lubrication		Needless	
Pipe Size		M5	
Control Form		Hand	
Applicable Medium		Air	
Function		Brass	
Material of body	2 Positions/2 Ports	2 Positions/3 Ports	2 Positions/5 Ports

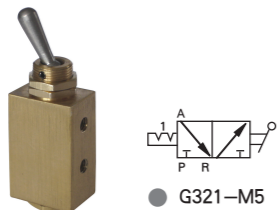
2 Positions/2 Ports



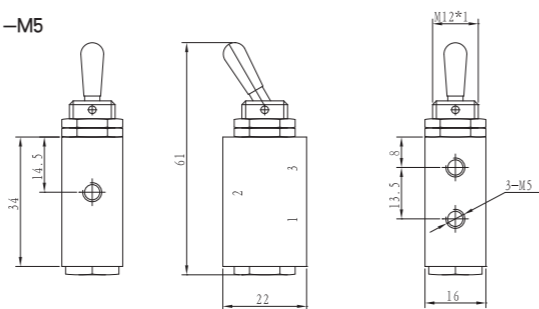
● G22-M5



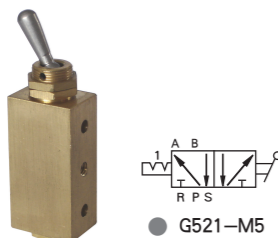
2 Positions/3 Ports



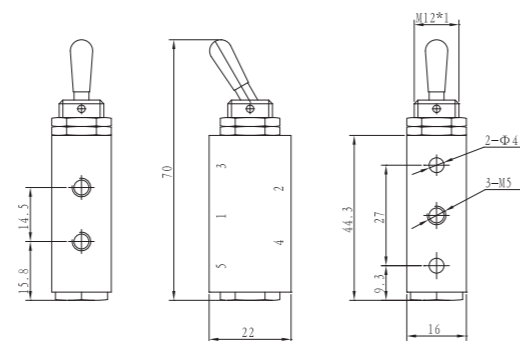
● G321-M5



2 Positions/5 Ports

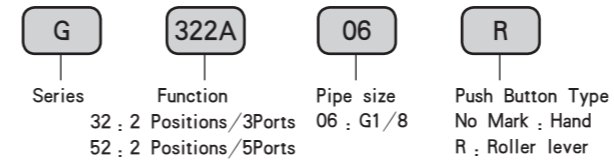


● G521-M5



G series Manually Valve/Mechanical Valve

● Ordering Code



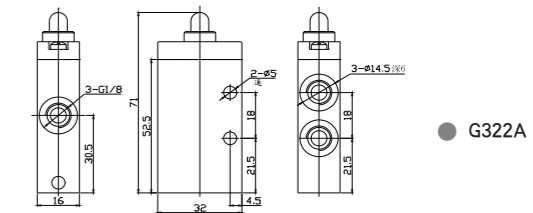
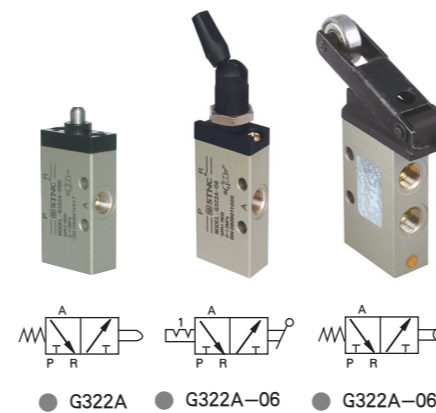
● Character

Product design, compact, good looks, with the operating force, easy to use and so on. Pneumatic devices were widely used in control devices.

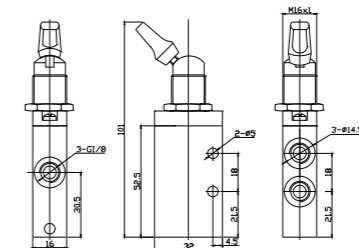
■ Technical Parameter

Item \ Specification	Function	Pipe size	Nominal Diameter (mm)	Applicable Medium	Pressure Range	Operating Method	Lubrication	Medium Temperature
G322A-06	2 Positions/3Ports	G1/8	6	Compress Air Inert gas	0 ~ 1.0MPa	Hand	Needless	-5 ~ 60°C
G322A-06R		G1/8	6			Roller lever		
G522A-06	2 Positions/5Ports	G1/8	6			Hand		
G522A-06R		G1/8	6			Roller lever		

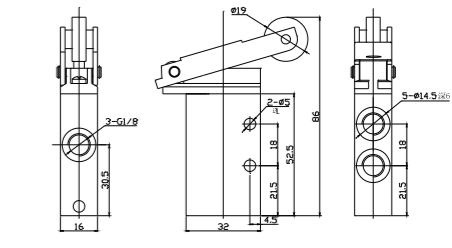
2 Positions/3 Ports Manually Valve/Mechanical Valve



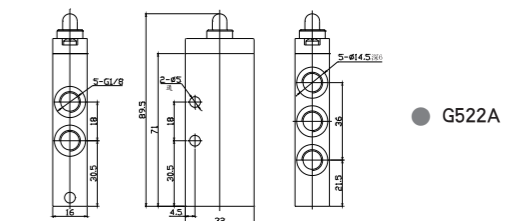
● G322A-06



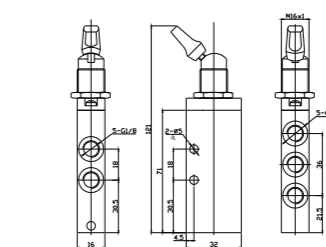
● G322A-06R



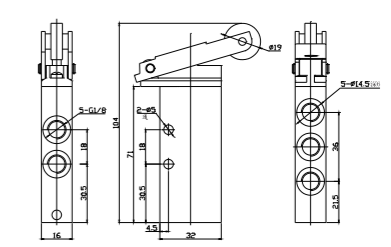
2 Positions/5 Ports Manually Valve/Mechanical Valve



● G522A-06



● G522A-06R



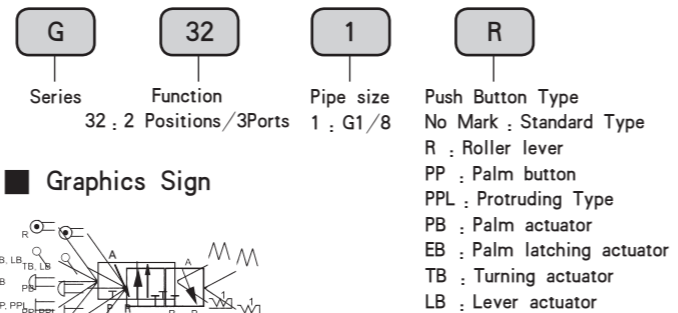
2 Positions/3 Ports Mechanical Valve



Technical Parameter

Specification	G321R、PP、PPL、PB、EB、TB、LB
Applicable Medium	Air
Pressure Range	0 ~ 1.0MPa
Control Method	Mechanical Control, Manually Control
Lubrication	Needless
Medium Temperature	-5 ~ 60°C
The Button's Standard Color	black : LB red : PP,PPL,PB,EB,TB
The Button's Color Available	green, black : PP,PPL,PB,TB

Ordering Code



Graphics Sign

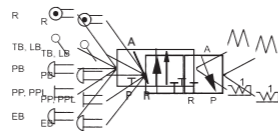
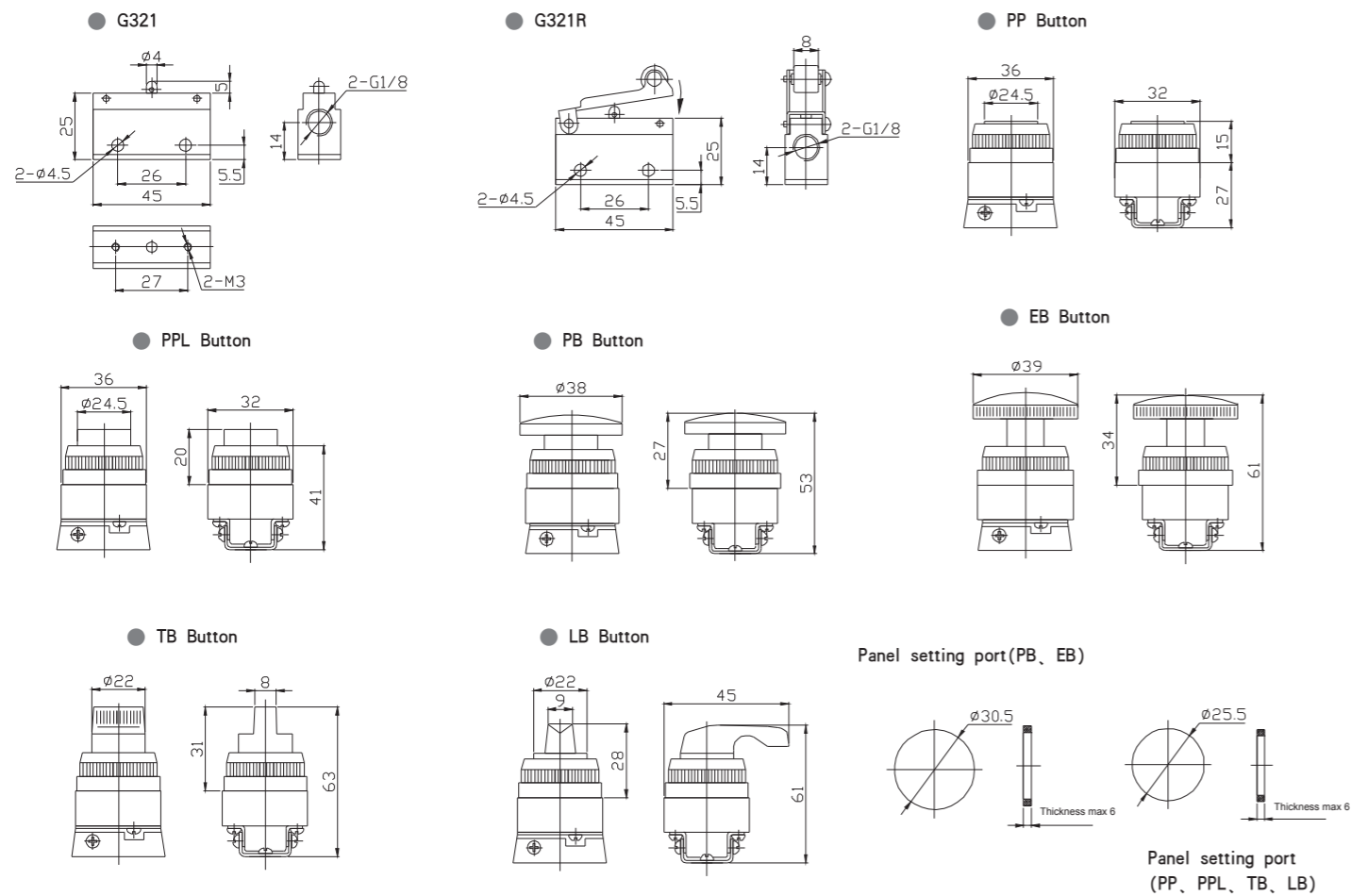


Figure Dimension



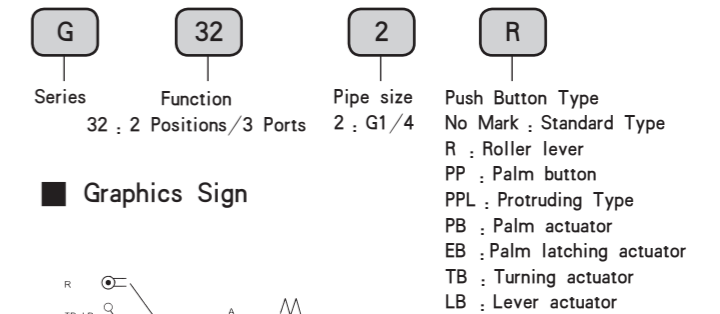
2 Positions/3 Ports Mechanical Valve



Technical Parameter

Specification	G322R、PP、PPL、PB、EB、TB、LB
Applicable Medium	Air
Pressure Range	0 ~ 1.0MPa
Control Method	Mechanical Control, Manually Control
Lubrication	Needless
Medium Temperature	-5 ~ 60°C
The Button's Standard Color	black : LB red : PP,PPL,PB,EB,TB
The Button's Color Available	green, black : PP,PPL,PB,TB

Ordering Code



Graphics Sign

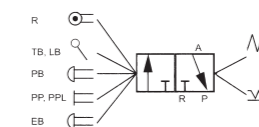
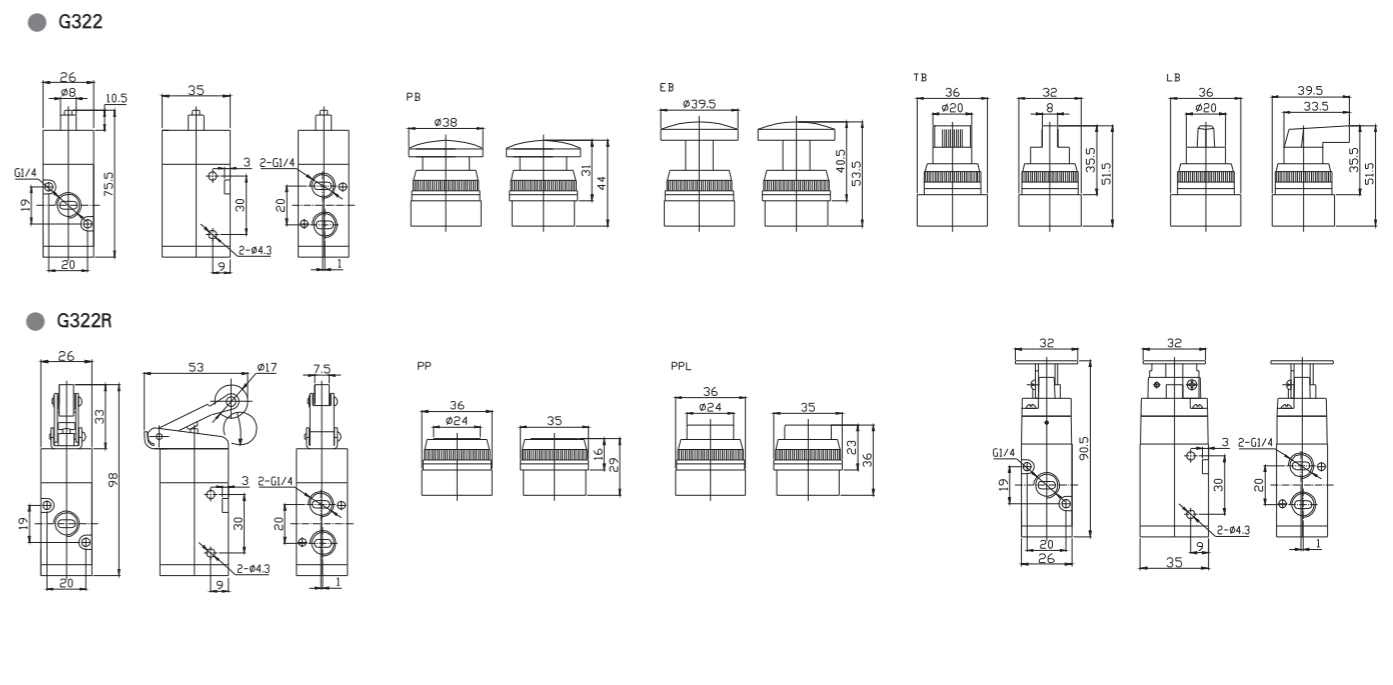


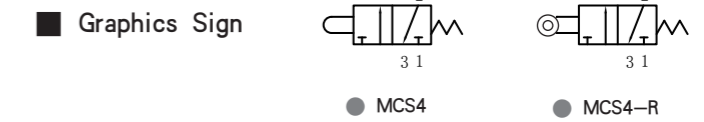
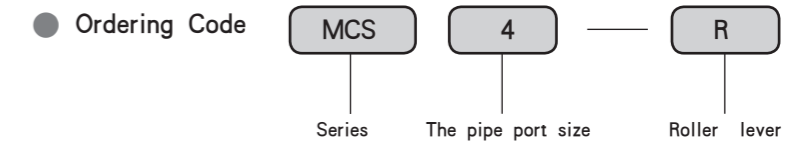
Figure Dimension



2 Positions/5 Ports Mechanical Valve



MCS Mechanical Valve

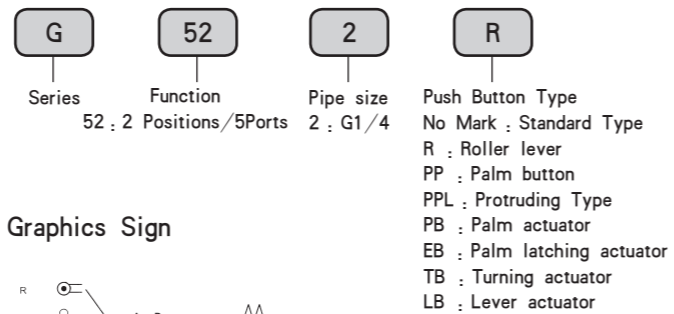


II

■ Technical Parameter

Specification	G522R, PP, PPL, PB, EB, TB, LB
Applicable Medium	Air
Pressure Range	0 ~ 1.0MPa
Control Method	Mechanical Control, Manually Control
Lubrication	Needless
Medium Temperature	-5 ~ 60°C
The Button's Standard Color	black : LB red : PP,PPL,PB,EB,TB
The Button's Color Available	green, black : PP,PPL,PB,TB

● Ordering Code



■ Graphics Sign



II

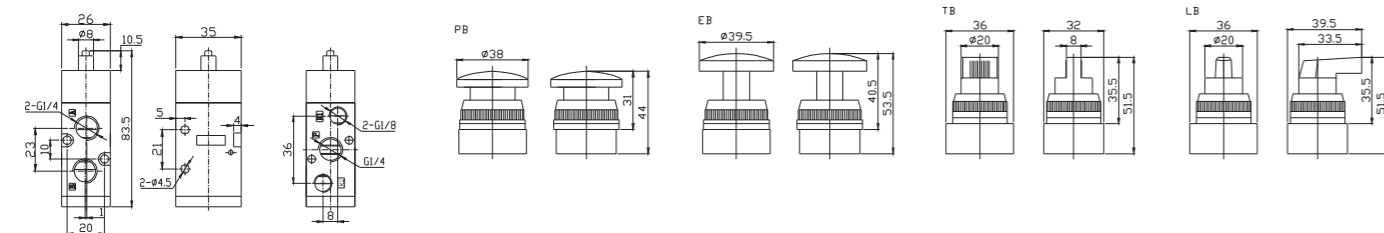
■ Technical Parameter

Item	Applicable Medium	Applicable Pressure Range	Control Method	Lubrication	Medium Temperature
MCS4	Air	0 ~ 0.8MPa	Manually Control	Needless	-5 ~ 60°C
MCS4-R					

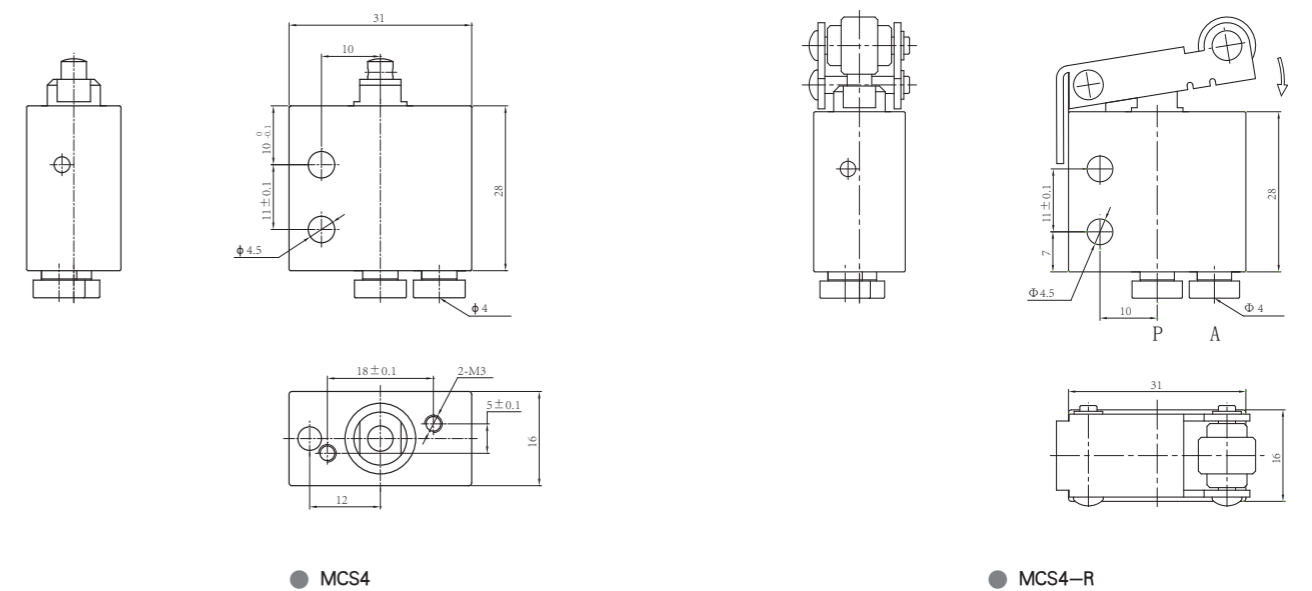
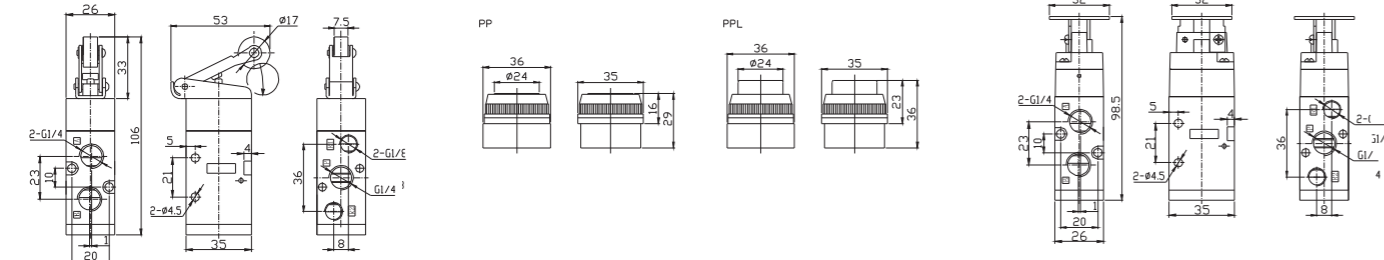
■ Figure Dimension

■ Figure Dimension

● G522



● G522R



2 Positions/3 Ports、2 Positions/4 Ports、2 Positions/5 Ports Foot Valve

Ordering Code

TG	23	J	08	L
Series	Function	Control Form	Pipe size	Type Code
	23 : 2 Positions/3 Ports 24 : 2 Positions/4 Ports 25 : 2 Positions/5 Ports	J : Foot Pedal	08 : G1/4	No Mark : Basic Type LG : With Lock & Guard L : With Lock G : With Guard

Character

It is a foot control valve, widely applied to all kinds of pneumatic system. With small operation force, and emancipation of hands. The R and P ports of two-position & three-port valve can be interchangeable to change the normally close to normally open.

Technical Parameter

Item Specification	Function	Pipe size	Nominal Diameter (mm)	Applicable Medium	Pressure Range	Operating Method	Lubrication	Medium Temperature
TG23-J-08	2 Positions/3 Ports	G1/4	8	Air	0 ~ 0.8MPa	Foot	Needless	-5 ~ 60°C
TG24-J-08	2 Positions/4 Ports	G1/4	8					
TG25-J-08	2 Positions/5 Ports	G1/4	8					
TG25-J-08L	2 Positions/5 Ports	G1/4	8					
TG25-J-08LG	2 Positions/5 Ports	G1/4	8					

2 Positions/3 Ports Foot Valve

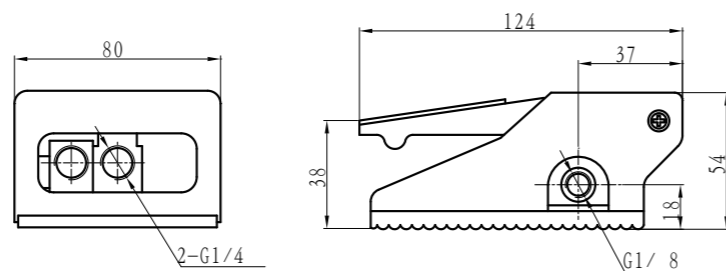


● TG23-J-08



Figure Dimension

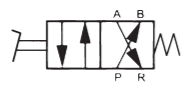
● TG23-J-08



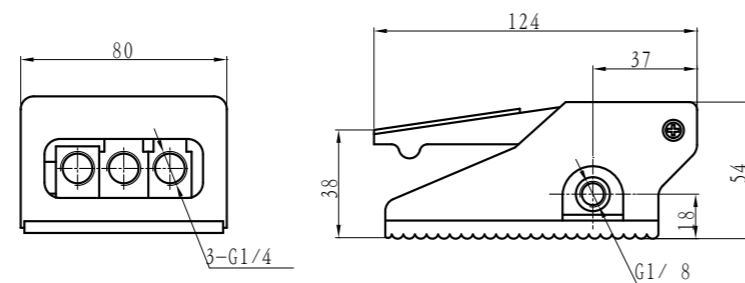
2 Positions/4 Ports Foot Valve



● TG24-J-08

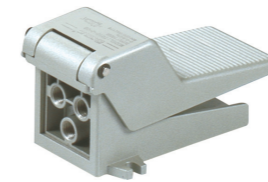


● TG24-J-08

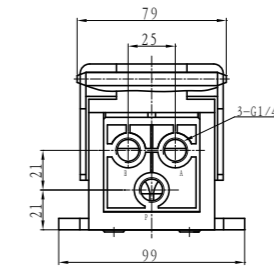
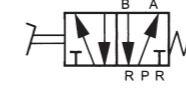


Foot Valve

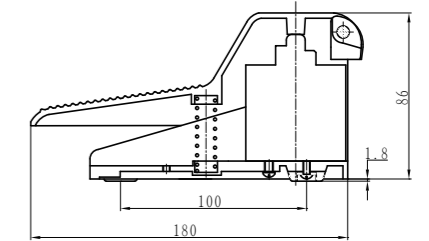
2 Positions/5 Ports Foot Valve



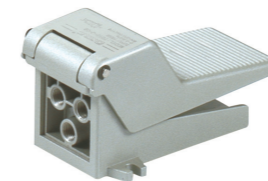
● TG25-J-08



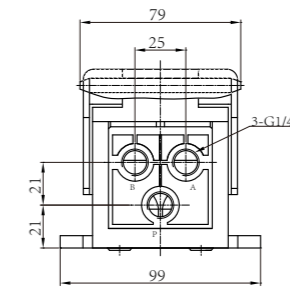
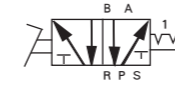
● TG25-J-08



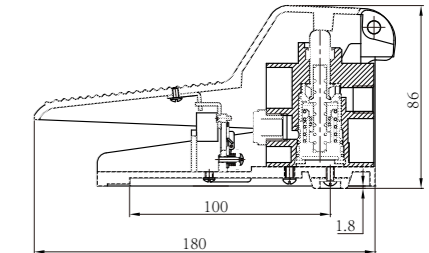
2 Positions/5 Ports Foot Valve With Lock



● TG25-J-08L (external lock)
● TG25-J-08LA (internal lock)



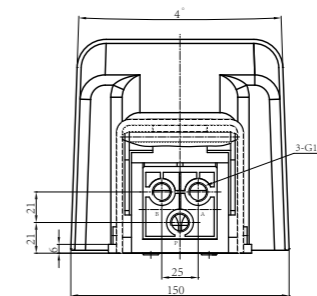
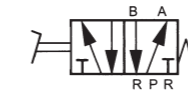
● TG25-J-08L



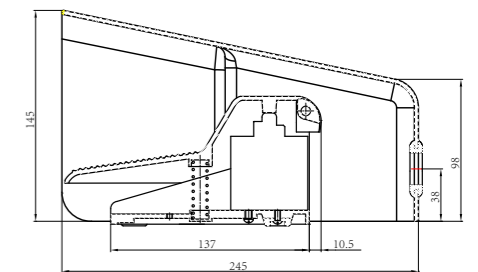
2 Positions/5 Ports Foot Valve with Guard



● TG25-J-08G



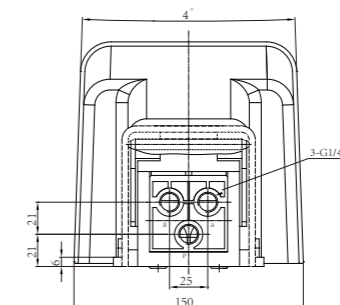
● TG25-J-08G



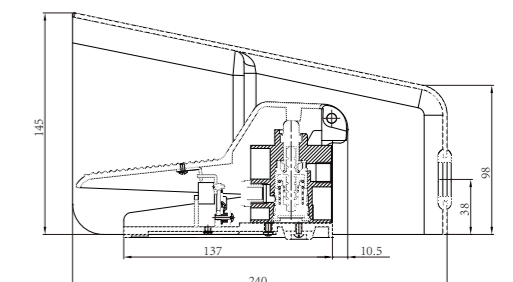
2 Positions/5 Ports Foot Valve With Lock & Guard



● TG25-J-08LG (external lock)
● TG25-J-08LGA (internal lock)



● TG25-J-08LG



Check Valve



● CV-08 ● CV-15 ● CV-25

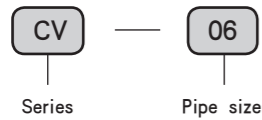
■ Graphics Sign



● Character

This series of product is a kind of one-way control valve. The medium through this valve can only flow in one-way. It is in reasonable design and simple structure, with handsome shape and wide application.

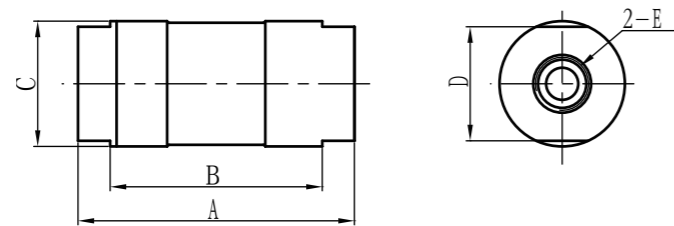
● Ordering Code



■ Technical Parameter

Specification	Item	Pipe Size	Nominal Diameter (mm)	Applicable Medium	Applicable Pressure Range	Min. Operating Pressure	Medium Temperature
CV-06		G1/8	6	Air	0.05 ~ 1.2 MPa	0.05MPa	-5 ~ 60°C
CV-08		G1/4	8				
CV-10		G3/8	10				
CV-15		G1/2	15				
CV-20		G3/4	20				
CV-25		G1	25				

■ Figure Dimension



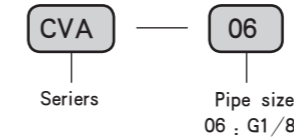
Specification	A	B	C	D	E
CV-06	64	53	φ 28	24	G1/8
CV-08	64	53	φ 28	24	G1/4
CV-10	86	66	φ 39.5	36	G3/8
CV-15	86	66	φ 39.5	36	G1/2
CV-20	112	90	φ 53.5	46	G3/4
CV-25	112	90	φ 53.5	46	G1

Air Check Valve



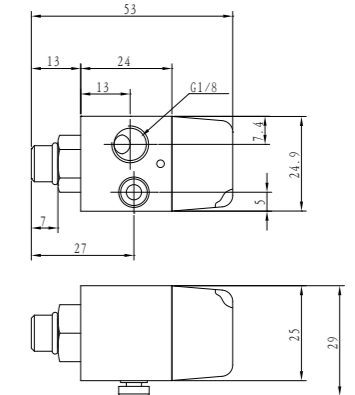
● CVA-06

● Ordering Code

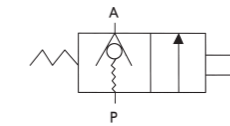


■ Figure Dimension

● CVA-06



■ Graphics Sign

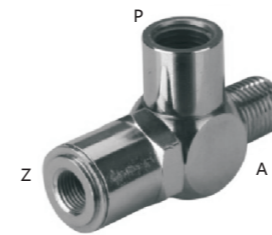
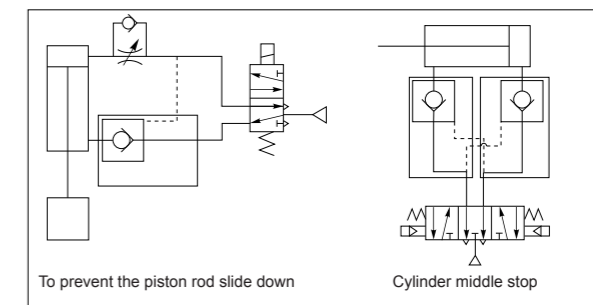


■ Technical Parameter

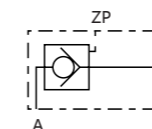
Specification	Item	Function	Pipe size	Nominal Diameter (mm)	Applicable Medium	Applicable Pressure Range	Lubrication	Medium Temperature
CAV-06		2 Positions/2 Ports	G1/8	4	Compressed Air	0.05 ~ 1MPa	Needless	-5 ~ 60°C

QDS series pneumatic valve

■ The sample application



■ Graphics Sign



■ Types and connection diameter

Type	P	A	Z
QDS01	Rc1/8	R1/8	Rc1/8
QDS02	Rc1/4	R1/4	Rc1/8
QDS03	Rc3/8	R3/8	Rc1/8
QDS04	Rc1/2	R1/2	Rc1/8

Shuttle Valve

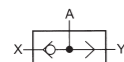
Character

It is similar to the combination of two one-way valves with two input and one output. In the pneumatic system, it acts as "OR" of logic in both executive loop and control loop.



● KV-06 ● KV-08 ● KV-10

Graphics Sign



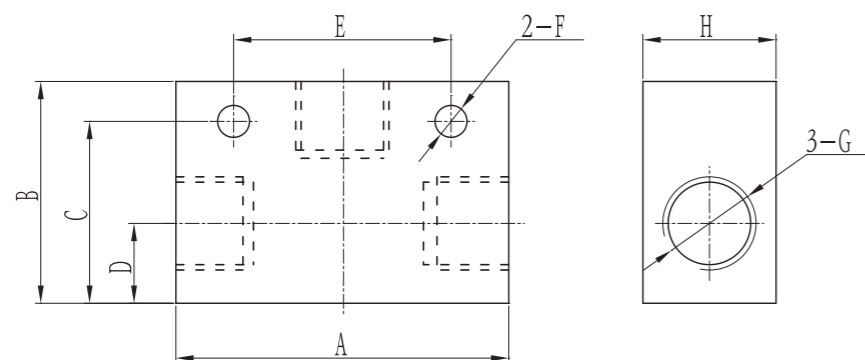
Ordering Code



Technical Parameter

Item Specification	Pipe Size	Nominal Diameter (mm)	Applicable Medium	Applicable Pressure Range	Min. Operating Pressure	Medium Temperature
KV-06	G1/8	3	Air	0.05 ~ 1.2 MPa	≥ 0.05MPa	-5 ~ 60°C
KV-08	G1/4	6				
KV-10	G3/8	8				
KV-15	G1/2	10				
KV-20	G3/4	15				
KV-25	G1	20				

Figure Dimension



Specification	A	B	C	D	E	F	G	H
KV-06	40	26	21	8	25	φ 4.3	G1/8	16
KV-08	52	35	25	11	35	φ 5.5	G1/4	22
KV-10	70	50	41	18	48	φ 7	G3/8	30
KV-15	75	50	41	18	48	φ 7	G1/2	30
KV-20	110	70	58	22	72	φ 7	G3/4	40
KV-25	110	70	58	22	72	φ 7	G1	40

Quick Exhaust Valve

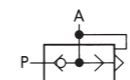
Character

It is a one-way directional control element and can discharge the compressed air in the system rapidly. It is normally installed between the air cylinder and change valve and makes the air in the cylinder escape directly through this valve, not through change valve. It is applied to the locations where the quick discharge of pneumatic units or equipments are required.



● QV-06 ● QV-08 ● QV-10

Graphics Sign



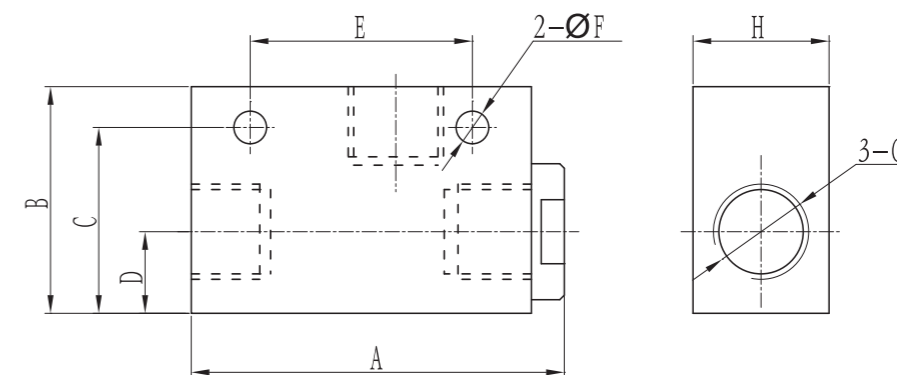
Ordering Code



Technical Parameter

Item Specification	Pipe Size	Nominal Diameter (mm)	Min. Operating Pressure	Applicable Medium	Pressure Range	Medium Temperature
QV-06	G1/8	6	≥ 0.03 MPa	Air	0.05 ~ 1.2 MPa	-5 ~ 60°C
QV-08	G1/4	8				
QV-10	G3/8	10	≥ 0.04 MPa			
QV-15	G1/2	15				
QV-20	G3/4	20	≥ 0.05 MPa			
QV-25	G1	25				

Figure Dimension



Specification	A	B	C	D	E	F	G	H
QV-06	45	32	27	11	30	φ 4.3	G1/8	22
QV-08	61.5	40	32	16	39	φ 5.5	G1/4	26
QV-10	61.5	40	32	16	39	φ 5.5	G3/8	26
QV-15	99	60	50	20	60	φ 8.5	G1/2	40
QV-20	99	60	50	20	60	φ 8.5	G3/4	40
QV-25	113	75	63	26	80	φ 8.5	G1	50

Quick Exhaust Valve

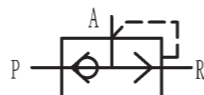


● XQ-M5 ● XQ170600 ● XQ171500

Character

This series is one-way type of auxiliary components, simple structure, beautiful appearance, easy to use, pneumatic components or device used to quickly exhaust the occasions.

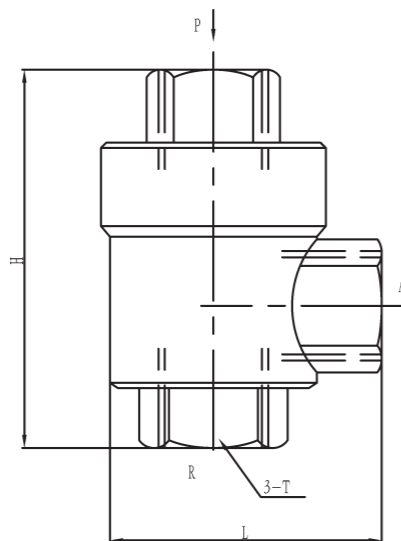
Graphics Sign



Technical Parameter

Specification	Item	Pipe Size	Nominal Diameter (mm)	Min. Operating Pressure	Durable (Million)	Pressure Range	Switching time
	XQ-M5	M5	4	-	≥ 200	0.12 ~ 1.0	≤ 0.03
	XQ170600	G1/8	6	≥ 0.3			≤ 0.03
	XQ170800	G1/4	6	≥ 0.9			≤ 0.03
	XQ171000	G3/8	8	≥ 2.5			≤ 0.04
	XQ171500	G1/2	15	≥ 4.5			≤ 0.05

Figure Dimension



Specification	XQ-M5	XQ170600	XQ170800	XQ171000	XQ171500
T	M5	G1/8	G1/4	G3/8	G1/2
H	37	39	51	68	77
L	32	32	45	62	86

Hand Slipping Valve



● SH-06 ● SH-15

Technical Parameter

Item	Pipe size	Nominal Diameter (mm)	Applicable Medium	Pressure Range	Medium Temperature
SH-M5	M5	2.5	Air	0 ~ 1.0MPa	-5 ~ 60°C
SH-06	G1/8	6			
SH-08	G1/4	8			
SH-10	G3/8	10			
SH-15	G1/2	15			

Ordering Code

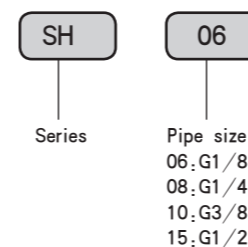
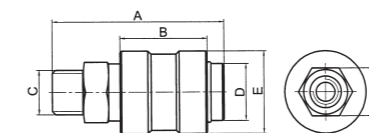


Figure Dimension



Specification	SH-M5	SH-06	SH-08	SH-10	SH-15
A	38	47	55	57	72
B	20	26	30	30	30
C	M5	G1/8	G1/4	G3/8	G1/2
D	φ 10	φ 14	φ 18	φ 21	φ 21
E	φ 16	φ 21	φ 26	φ 30	φ 30
F	12	15	19	22	24

Vacuum operating Valve



● ZK-06 ● ZK-08

Technical Parameter

Item	Pipe Size	Nozzle Dia. (mm)	Applicable Medium	Air displacement L/Min	Up-to Vacuum degree -Kpa (-mmHg)	Air Consumption L/min	Applicable pressure -Mpa (Kgf/cm ²)	Medium Temperature
ZK-06	G1/8	1	Air	27	-91.8(690)	44	0.5(5)	0 ~ 60°C
ZK-08	G1/4	1.5		63	-91.8(690)	100	0.5(5)	
ZK-10	G3/8	2		110	-91.8(690)	180	0.5(5)	

Ordering Code

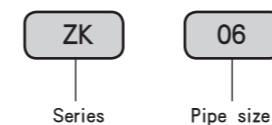
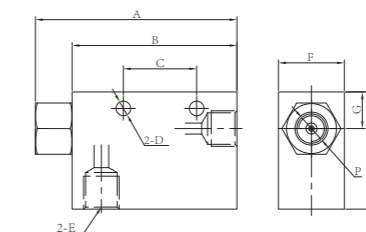
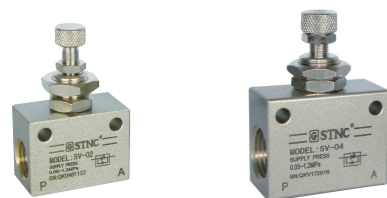


Figure Dimension



Specification	ZK-06	ZK-08	ZK-10
A	55	78	105
B	45	63	85
C	20	25	31.5
D	φ 4	φ 4.6	φ 6
E	G1/8	G1/4	G3/8
F	16	20	25
G	10	11	15
H	32	35	40
P	G1/8	G1/4	G1/4

Speed Control Valve(Precision type)



● SV-02 ● SV-04

● Ordering Code



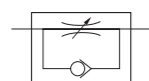
Series

Pipe size
01 : G1/8
02 : G1/4
03 : G3/8
04 : G1/2
06 : G3/4
10 : G1

● Character

It is a one-way flow control valve which can regulate the flow of compressed air in air passage. It will control forward flow and not control reversed flow, so as to change the oneway movement speed of executive components such as air cylinder.

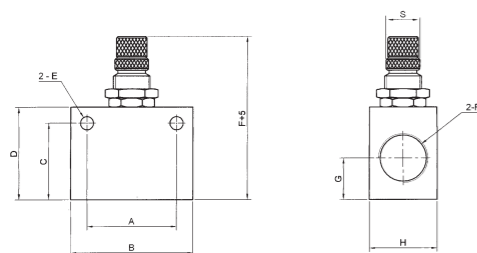
■ Graphics Sign



■ Technical Parameter

Specification/Item	Pipe size	Applicable Medium	Min. Operating Pressure	Pressure Range	Medium Temperature
Precision type	SV-01	Air	0.03MPa	0.05 ~ 1.2 MPa	-5 ~ 60°C
	SV-02				
	SV-03				
	SV-04				

■ Figure Dimension



● Precision Type

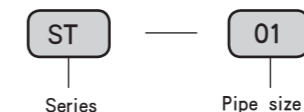
Specification	SV-01	SV-02	SV-03	SV-04
A	24.5	24.5	38	38
B	35	35	50	50
C	21	21	33	33
D	26	26	40	40
E	φ 4.5	φ 4.5	φ 5.5	φ 5.5
F	50	50	68	68
G	10	10	16	16
H	16	19	25	25
R	G1/8	G1/4	G3/8	G1/2
S	M12	M12	M16	M16

Speed Control Valve(Basic type)



● ST-03 ● ST-04

● Ordering Code



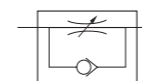
Series

Pipe size
01 : G1/8
02 : G1/4
03 : G3/8
04 : G1/2
06 : G3/4
10 : G1

● Character

It is a one-way flow control valve which can regulate the flow of compressed air in air passage. It will control forward flow and not control reversed flow, so as to change the oneway movement speed of executive components such as air cylinder.

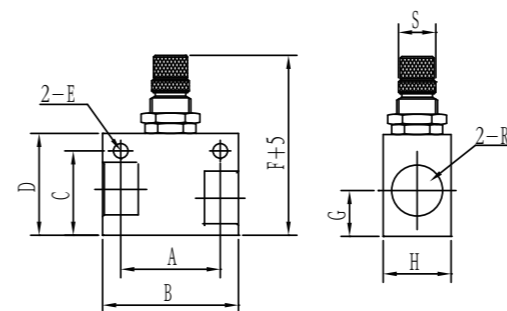
■ Graphics Sign



■ Technical Parameter

Specification/Item	Pipe size	Applicable Medium	Min. Operating Pressure	Pressure Range	Medium Temperature
Basic type	ST-01	Air	0.03MPa	0.05 ~ 0.8 MPa	-5 ~ 60°C
	ST-02				
	ST-03				
	ST-04				
	ST-06				
	ST-10				

■ Figure Dimension



● Basic Type

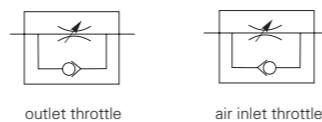
Specification	ST-01	ST-02	ST-03	ST-04	ST-06	ST-10
A	22	26	30	30	47	60
B	32	36	40	40	65	80
C	18	22	25	30	53	52.5
D	23	27	30	35	59.5	60
E	φ 4.3	φ 4.3	φ 4.3	φ 4.3	φ 8.5	φ 8.5
F	46/54	50/58	53/61	58/66	109/119	112/122
G	9.6	12	13	15	29.8	30
H	17	18	22	26	35	44
R	G1/8	G1/4	G3/8	G1/2	G3/4	G1
S	M14	M14	M14	M14	-	-

YSC Speed Controller



- Character
Installed directly L (a type) limited

Graphics Sign



Ordering Code

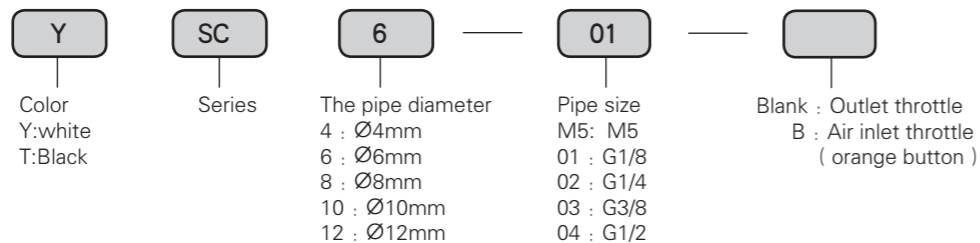
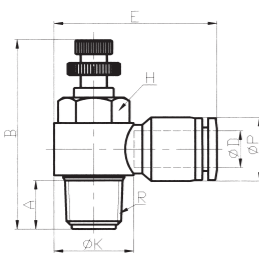


Figure Dimension

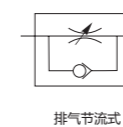


Model	φD	E	B	φP	A	R	H	φK
YSC4-M5	4	24	28	10.5	3.5	M5	8	10
YSC4-01	4	28	37	10.5	7.5	R1/8	12	14
YSC4-02	4	32	44.5	10.5	11	R1/4	14	15
YSC6-M5	6	28	28	13	3.5	M5	8	10
YSC6-01	6	32	37	13	7.5	R1/8	12	14
YSC6-02	6	36	44.5	13	11	R1/4	14	18
YSC6-03	6	40	48	13	12	R3/8	19	22
YSC6-04	6	45.5	52.5	13	12.5	R1/2	24	27.5
YSC8-01	8	32.5	37	14.4	7.5	R1/8	12	14
YSC8-02	8	36.5	44.5	14.4	11	R1/4	14	18
YSC8-03	8	40.5	48	14.4	12	R3/8	19	22
YSC8-04	8	46	52.5	14.4	12.5	R1/2	24	27.5
YSC10-01	10	34.5	37	18.4	7.5	R1/8	12	14
YSC10-02	10	38.5	44.5	18.4	11	R1/4	14	18
YSC10-03	10	42.5	48	18.4	12	R3/8	19	22
YSC10-04	10	48	52.5	18.4	12.5	R1/2	24	27.5
YSC12-02	12	41.5	44.5	20	11	R1/4	14	18
YSC12-03	12	45.5	48	20	12	R3/8	19	22
YSC12-04	12	51	52.5	20	12.5	R1/2	24	27.5

NSE Speed Controller



Graphics Sign



Ordering Code

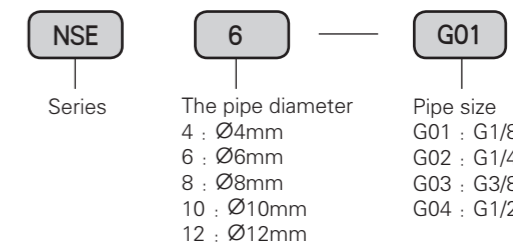
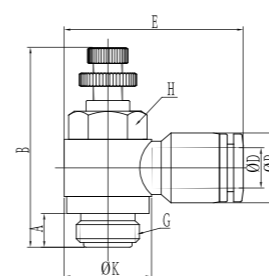


Figure Dimension

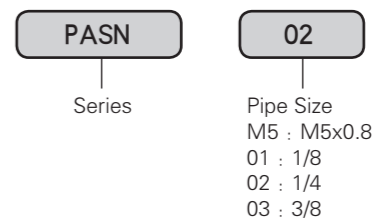


Model	φD	E	B	φP	A	G	H	φK
NSE4-G01	4	28	37	10.5	5.5	G1/8	12	14
NSE4-G02	4	32	44.5	10.5	6	G1/4	14	18
NSE6-G01	6	32	37.5	13	5.5	G1/8	12	14
NSE6-G02	6	36	44.5	13	6	G1/4	14	18
NSE6-G03	6	40	48	13	6.5	G3/8	19	22
NSE6-G04	6	45.5	52.5	13	8	G1/2	24	27.5
NSE8-G01	8	32.5	37	14.4	5.5	G1/8	12	14
NSE8-G02	8	36.5	44.5	14.4	6	G1/4	14	18
NSE8-G03	8	40.5	48	14.4	6.5	G3/8	19	22
NSE8-G04	8	46	52.5	14.4	8	G1/2	24	27.5
NSE10-G01	10	34.5	37	18.4	5.5	G1/8	12	14
NSE10-G02	10	38.5	44.5	18.4	6	G1/4	14	18
NSE10-G03	10	42.5	48	18.4	6.5	G3/8	19	22
NSE10-G04	10	48	52.5	18.4	8	G1/2	24	27.5
NSE12-G02	12	41.5	44.5	20	6	G1/4	14	18
NSE12-G03	12	45.5	48	20	6.5	G3/8	19	22
NSE12-G04	12	51	52.5	20	8	G1/2	24	27.5

PASN series muffler exhaust valve



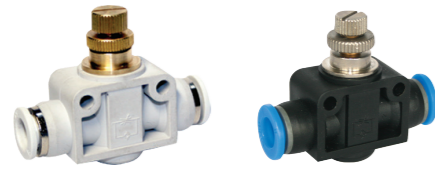
Ordering Code



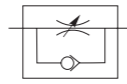
Technical Parameter

Model	Connection diameter	D	L1		H	Specifications				
			min	max		Using the fluid	The highest working pressure	Environment and fluid temperature	CAL	The effective cross-sectional area
PASN-M5	M5X0.8	10	20.5	23.3	8	Air	1.0MPa	-5~60°C (But not frozen)	M5X0.8	1.8
PASN-01	R1/8	15	30	35	R1/8				3.6	
PASN-02	R1/4	20	34.2	39.2	17				R1/4	6.5
PASN-03	R3/8	25	37	42	19				R3/8	16.6
PASN-04	R1/2	30	49	54	24				R1/2	24.5

NSF Line type fitting



■ Graphics Sign



● Ordering Code

Y

Color
Y:white
No mark:Black

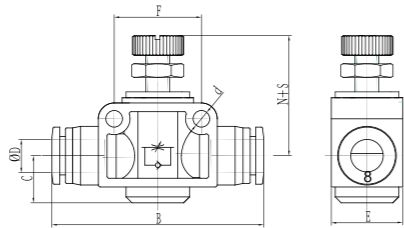
NSF

Series

6

The pipe diameter
4 : Ø4mm
6 : Ø6mm
8 : Ø8mm
10 : Ø10mm
12 : Ø12mm

■ Figure Dimension



Model	ΦD	B	E	Φd	N+S	F	C
NSF4	4	38.5	11.5	3.2	20	14	6.5
NSF6	6	44.5	15	4.2	32.5	20	11
NSF8	8	52	18	4.2	35.5	22	12
NSF10	10	61	21	4.2	35.5	26	14.2
NSF12	12	75.5	28	4.2	38.5	32	15.4

SP28 Speed Control Coupler(Push-in Elbow)



● Ordering Code

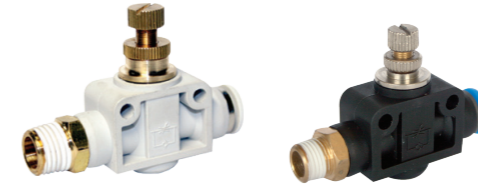
SP28

08

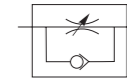
1/4

Pipe size
1/4
1/8

NASF Line type fitting



■ Graphics Sign



● Ordering Code

Y

Color
Y:white
No mark:Black

NASF

Series

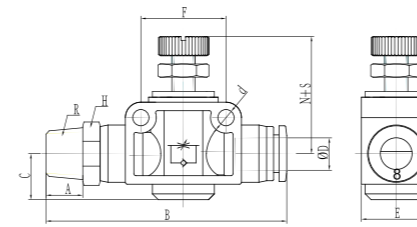
6

left mark
04 : Ø4mm
06 : Ø6mm
08 : Ø8mm
10 : Ø10mm
12 : Ø12mm
01 : G1/8
02 : G1/4
03 : G3/8
04 : G1/2

01

right mark
01 : G1/8
02 : G1/4
03 : G3/8
04 : G1/2
04 : Ø4mm
06 : Ø6mm
08 : Ø8mm
10 : Ø10mm
12 : Ø12mm

■ Figure Dimension

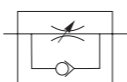


Model	ΦD	E	B	Φd	A	G	N+S	C	H	F
NASF01-04	4	11.5	46.5	3.2	5.5	6.5	20	6.5	12	14
NASF01-06	6	15	52.5	4.2	5.5	11	32.5	11	12	20
NASF02-06	6	15	53	4.2	6	11	32.5	11	14	14
NASF01-08	8	18	58.5	4.2	5.5	12	35.5	12	14	20
NASF02-08	8	18	59	4.2	6	12	35.5	12	14	22
NASF03-08	8	18	60.5	4.2	6.5	12	35.5	12	14	22
NASF02-10	10	21	68.5	4.2	6	14.2	35.5	14.2	17	26
NASF03-10	10	21	69	4.2	6.5	14.2	35.5	14.2	17	26
NASF04-10	10	21	71	4.2	8	14.2	35.5	14.2	17	26
NASF02-12	12	28	81	4.2	6	15.4	38.5	15.4	19	32
NASF03-12	12	28	82	4.2	6.5	15.4	38.5	15.4	19	32
NASF04-12	12	28	83.5	4.2	8	15.4	38.5	15.4	19	32
NASF04-01	4	11.5	46.5	3.2	5.5	6.5	20	6.5	12	14
NASF06-01	6	15	52.5	4.2	5.5	11	32.5	11	12	20
NASF06-02	6	15	53	4.2	6	11	32.5	11	14	20
NASF08-01	8	18	58.5	4.2	5.5	12	35.5	12	14	22
NASF08-02	8	18	59	4.2	6	12	35.5	12	14	22
NASF08-03	8	18	60.5	4.2	6.5	12	35.5	12	14	22
NASF10-02	10	21	68.5	4.2	6	14.2	35.5	14.2	17	26
NASF10-03	10	21	69	4.2	6.5	14.2	35.5	14.2	17	26
NASF10-04	10	21	71	4.2	8	14.2	35.5	14.2	17	26
NASF12-02	12	28	81	4.2	6	15.4	38.5	15.4	19	32
NASF12-03	12	28	82	4.2	6.5	15.4	38.5	15.4	19	32
NASF12-04	12	28	83.5	4.2	8	15.4	38.5	15.4	19	32

NASF Line type fitting



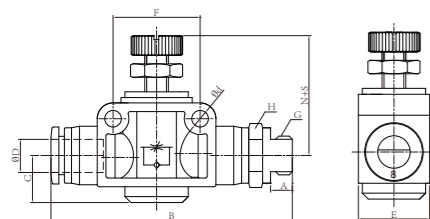
■ Graphics Sign



● Ordering Code

Y	NASF	G	6	01
Color Y:white No mark:Black	Series	G:With O ring	left mark 04 : Ø4mm 06 : Ø6mm 08 : Ø8mm 10 : Ø10mm 12 : Ø12mm 01 : G1/8 02 : G1/4 03 : G3/8 04 : G1/2	right mark 01 : G1/8 02 : G1/4 03 : G3/8 04 : G1/2 04 : Ø4mm 06 : Ø6mm 08 : Ø8mm 10 : Ø10mm 12 : Ø12mm

■ Figure Dimension



Model	ΦD	A	B	C	Φd	E	F	N+S	H	G	
NASFG01-04	4	5.5	4.7	5	6.5	3.2	11.5	14	20	12	6.5
NASFG01-06	6	5.5	5.4	5	11	4.2	15	20	32.5	12	11
NASFG02-06	6	6	5.7	11	4.2	15	14	32.5	14	11	
NASFG01-08	8	5.5	5.9	5	12	4.2	18	20	35.5	14	12
NASFG02-08	8	6	6.2	12	4.2	18	22	35.5	14	12	
NASFG03-08	8	6.5	6.3	12	4.2	18	22	35.5	14	12	
NASFG02-10	10	6	7.2	14.2	4.2	21	26	35.5	17	14.2	
NASFG03-10	10	6.5	7.5	14.2	4.2	21	26	35.5	17	14.2	
NASFG04-10	10	8	7.7	14.2	4.2	21	26	35.5	17	14.2	
NASFG02-12	12	6	8.3	5	15.4	4.2	28	32	38.5	19	15.4
NASFG03-12	12	6.5	8.4	5	15.4	4.2	28	32	38.5	19	15.4
NASFG04-12	12	8	8.8	15.4	4.2	28	32	38.5	19	15.4	
NASFG04-01	4	5.5	4.7	5	6.5	3.2	11.5	14	20	12	6.5
NASFG06-01	6	5.5	5.4	5	11	4.2	15	20	32.5	12	11
NASFG06-02	6	6	5.7	11	4.2	15	20	32.5	14	11	
NASFG08-01	8	5.5	5.9	5	12	4.2	18	22	35.5	14	12
NASFG08-02	8	6	6.2	12	4.2	18	22	35.5	14	12	
NASFG08-03	8	6.5	6.3	12	4.2	18	22	35.5	14	12	
NASFG10-02	10	6	7.2	14.2	4.2	21	26	35.5	17	14.2	
NASFG10-03	10	6.5	7.5	14.2	4.2	21	26	35.5	17	14.2	
NASFG10-04	10	8	7.7	14.2	4.2	21	26	35.5	17	14.2	
NASFG12-02	12	6	8.3	5	15.4	4.2	28	32	38.5	19	15.4
NASFG12-03	12	6.5	8.4	5	15.4	4.2	28	32	38.5	19	15.4
NASFG12-04	12	8	8.8	15.4	4.2	28	32	38.5	19	15.4	

Hand Valve



● Ordering Code

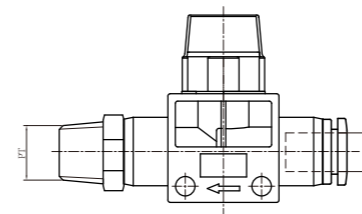
Y	HVFF	04	G	04B
Color Blank: black Y: white	Type HVFF:Tube type HVSS:Threaded connection type HVSF:By the end flow to the thread end type intubation HVFS:By the thread end to end type intubation	Entrance specifications	Blank: Standard type G:With O ring	Export specification

■ Technical Parameter

Medium	Pressure Range		Resistant Pressure		Temperature	Air Tube
	MPa	Psi	MPa	Psi		
Air	0.2 ~ 1.02	0 ~ 145	1.53	218	-5 ~ 60°C	PA or PU

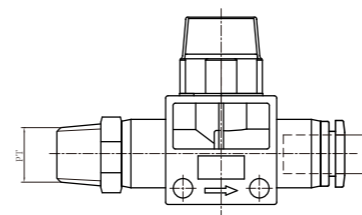
■ Figure Dimension

HVSF



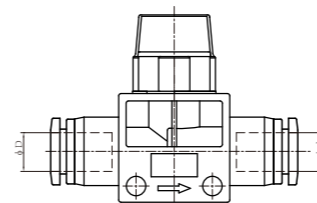
The connection (PT)		1/8	1/4	3/8	1/2	
outer diameter ΦD (mm)	Φ6	two passage	HVSF01-06B	HVSF02-06B	HVSF03-06B	—
		three passage	HVSF01-06	HVSF02-06	HVSF03-06	—
	Φ8	two passage	HVSF01-08B	HVSF02-08B	HVSF03-08B	—
		three passage	HVSF01-08	HVSF02-08	HVSF03-08	—
	Φ10	two passage	—	HVSF02-10B	HVSF03-10B	HVSF04-10B
		three passage	—	HVSF02-10	HVSF03-10	HVSF04-10
	Φ12	two passage	—	HVSF02-12B	HVSF03-12B	HVSF04-12B
		three passage	—	HVSF02-12	HVSF03-12	HVSF04-12

HVFS



The connection (PT)		1/8	1/4	3/8	1/2	
outer diameter ΦD (mm)	Φ6	two passage	HVFS01-06B	HVFS02-06B	HVFS03-06B	—
		three passage	HVFS01-06	HVFS02-06	HVFS03-06	—
	Φ8	two passage	HVFS01-08B	HVFS02-08B	HVFS03-08B	—
		three passage	HVFS01-08	HVFS02-08	HVFS03-08	—
	Φ10	two passage	—	HVFS02-10B	HVFS03-10B	HVFS04-10B
		three passage	—	HVFS02-10	HVFS03-10	HVFS04-10
	Φ12	two passage	—	HVFS02-12B	HVFS03-12B	HVFS04-12B
		three passage	—	HVFS02-12	HVFS03-12	HVFS04-12

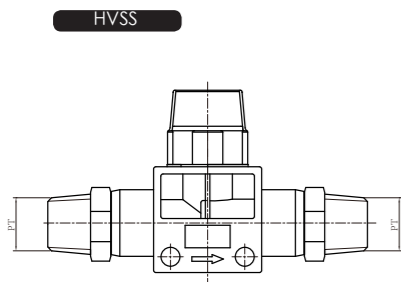
HVFF



Model	two passage		Model	three passage	
	ΦD	Φd		ΦD	Φd
HVFF04-04B	4	4	HVFF04-04	4	4
HVFF06-04B	6	4	HVFF06-04	6	4
HVFF06-06B	6	6	HVFF06-06	6	6
HVFF08-06B	8	6	HVFF08-06	8	6
HVFF08-08B	8	8	HVFF08-08	8	8
HVFF10-10B	10	10	HVFF10-10	10	10
HVFF12-10B	12	10	HVFF12-10	12	10
HVFF12-12B	12	12	HVFF12-12	12	12

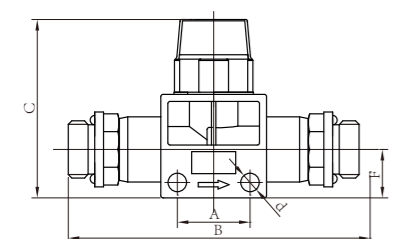
Hand Valve

Figure Dimension



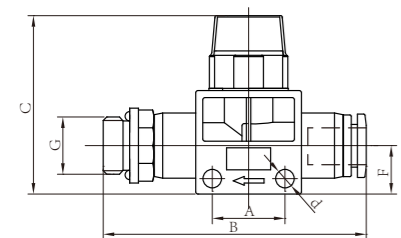
Model	two passage specifications		Model	three passage specifications	
	PT	PT'		PT	PT'
	HVSS01-01B	1/8		1/8	HVSS01-01
HVSS02-01B	1/4	1/8	HVSS02-01	1/4	1/8
HVSS02-02B	1/4	1/4	HVSS02-02	1/4	1/4
HVSS03-02B	3/8	1/4	HVSS03-02	3/8	1/4
HVSS03-03B	3/8	3/8	HVSS03-03	3/8	3/8
HVSS04-03B	1/2	3/8	HVSS04-03	1/2	3/8
HVSS04-04B	1/2	1/2	HVSS04-04	1/2	1/2

HVSS-G



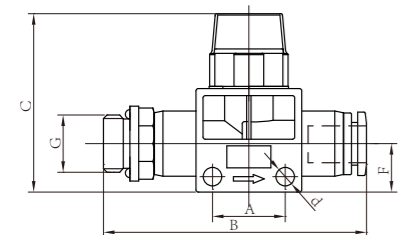
Model	two passage specifications		Model	three passage specifications	
	PT	PT'		PT	PT'
	HVSS01-G01B	1/8		1/8	HVSS01-G01
HVSS02-G01B	1/4	1/8	HVSS02-G01	1/4	1/8
HVSS02-G02B	1/4	1/4	HVSS02-G02	1/4	1/4
HVSS03-G02B	3/8	1/4	HVSS03-G02	3/8	1/4
HVSS03-G03B	3/8	3/8	HVSS03-G03	3/8	3/8
HVSS04-G03B	1/2	3/8	HVSS04-G03	1/2	3/8
HVSS04-G04B	1/2	1/2	HVSS04-G04	1/2	1/2

HVSF-G



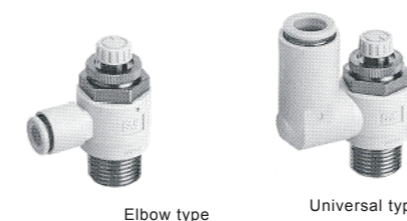
The connection (PT)		1/8	1/4	3/8	1/2	
outer diameter ΦD (mm)	Φ6	two passage	HVSFG01-06B	HVSFG02-06B	HVSFG03-06B	—
		three passage	HVSFG01-06	HVSFG02-06	HVSFG03-06	—
		two passage	HVSFG01-08B	HVSFG02-08B	HVSFG03-08B	—
	Φ8	three passage	HVSFG01-08	HVSFG02-08	HVSFG03-08	—
		two passage	—	HVSFG02-10B	HVSFG03-10B	HVSFG04-10B
		three passage	—	HVSFG02-10	HVSFG03-10	HVSFG04-10
	Φ10	two passage	—	HVSFG02-12B	HVSFG03-12B	HVSFG04-12B
		three passage	—	HVSFG02-12	HVSFG03-12	HVSFG04-12
		two passage	—	HVSFG02-12	HVSFG03-12	HVSFG04-12
	Φ12	three passage	—	HVSFG02-12	HVSFG03-12	HVSFG04-12

HVFS-G

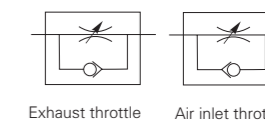


The connection (PT)		1/8	1/4	3/8	1/2	
outer diameter ΦD (mm)	Φ6	two passage	HVFSG01-06B	HVFSG02-06B	HVFSG03-06B	—
		three passage	HVFSG01-06	HVFSG02-06	HVFSG03-06	—
		two passage	HVFSG01-08B	HVFSG02-08B	HVFSG03-08B	—
	Φ8	three passage	HVFSG01-08	HVFSG02-08	HVFSG03-08	—
		two passage	—	HVFSG02-10B	HVFSG03-10B	HVFSG04-10B
		three passage	—	HVFSG02-10	HVFSG03-10	HVFSG04-10
	Φ10	two passage	—	HVFSG02-12B	HVFSG03-12B	HVFSG04-12B
		three passage	—	HVFSG02-12	HVFSG03-12	HVFSG04-12
		two passage	—	HVFSG02-12	HVFSG03-12	HVFSG04-12
	Φ12	three passage	—	HVFSG02-12	HVFSG03-12	HVFSG04-12

PAS series installed directly type speed control valve



Graphics Sign



Ordering Code: PAS 4 2 0 1F 04 10 S

- PAS**: Cylinder current limiter
- 4**: Body size (1:M3, M5 The benchmark; 2:1/8, 1/4 The benchmark; 3:3/8 The benchmark; 4:1/2 The benchmark)
- 2**: Form (2:Elbow type; 3:Universal type)
- 0**: The control mode (0:Exhaust throttle; 1:Air inlet throttle)
- 1F**: Quick connector type
- 04**: Thread specification (M3: M3x0.5; M5: M5x0.8; 01: R1/8; 02: R1/4; 03: R3/8; 04: R1/2)
- 10**: Suitable for trachea diameter (23: Ø3.2; 04: Ø4; 06: Ø6; 08: Ø8; 10: Ø10; 12: Ø12)
- S**: Thread surface seal coating

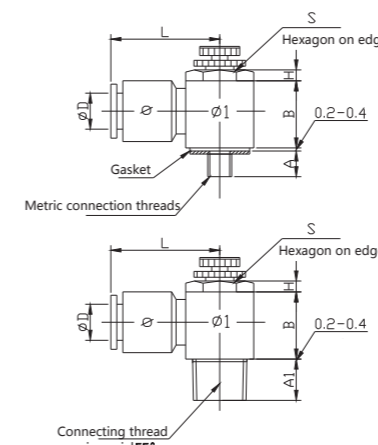
Technical Parameter

The highest working pressure	1MPa
The minimum working pressure	0.1MPa
Environment and fluid temperature	-5~60°C (Not frozen)
Adjust the flow number of turns	10 (M5 is 8 times)
Suitable for the hose material	Soft nylon, nylon, polyurethane

Specification table

Model				Caliber	Traffic l/min (ANR)	The effective cross-sectional area (mm ²)	Hose diameter (mm)					
Elbow type		Universal type					3.2	4	6	8	10	12
Exhaust throttle	Air inlet throttle	Exhaust throttle	Air inlet throttle	M5x0.8	20	0.3	•	•				
PAS1201F-M3-□	PAS1211F-M3-□	PAS1301F-M3-□	PAS1311F-M3-□	M3x0.5	100	1.5	•	•	•			
PAS2201F-01-□S	PAS2211F-01-□S	PAS2301F-01-□S	PAS2311F-01-□S	R1/8	180~230	2.7~3.5	•	•	•	•		
PAS2201F-02-□S	PAS2211F-02-□S	PAS2301F-02-□S	PAS2311F-02-□S	R1/4	260~460	4~7		•	•	•		
PAS3201F-02-□S	PAS3211F-02-□S	PAS3301F-02-□S	PAS3311F-02-□S	R1/4	260~460	4~7		•	•	•	•	
PAS3201F-03-□S	PAS3211F-03-□S	PAS3301F-03-□S	PAS3311F-03-□S	R3/8	660~920	10~14			•	•	•	•
PAS4201F-04-□S	PAS4211F-04-□S	PAS4301F-04-□S	PAS4311F-04-□S	R1/2	1580~1710	24~26					•	•

Figure Dimension limit the type of speed control valve : AS□□01F

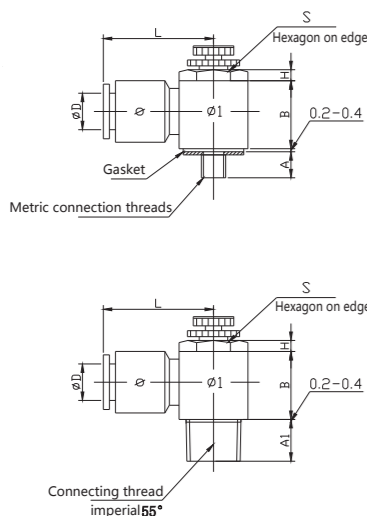


Apply the trachea diameter ΦD	Model	Connection thread		Joint outside hexagonal		Joint appearance			
		Size	A/A1	H	S	L	Φ	Φ1	B
Φ4	PAS1201F-M5-04	M5x0.8	4	3.2	8	20	10.8	9.6	12
	PAS2201F-01-04S	R1/8	7.5	3.5	12	21.5		14.2	13
	PAS2201F-02-04S	R1/4	10.5	4	17	25		18.4	14
Φ6	PAS1201F-M5-06	M5x0.8	4	3.2	8	22.5	13.3	9.6	12
	PAS2201F-01-06S	R1/8	7.5	3.5	12	23		14.2	13
	PAS2201F-02-06S	R1/4	10.5	4	17	24.2		18.4	14
Φ8	PAS3201F-03-06S	R3/8	11	4	19	28.8	15.8	22.5	18
	PAS2201F-01-08S	R1/8	7.5	3.5	12	24.5		14	13
	PAS2201F-02-08S	R1/4	10.5	4	17	26		18.4	14
Φ10	PAS3201F-03-08S	R3/8	11	4	19	32.6	19	22.5	18
	PAS2201F-01-10S	R1/8	7.5	3.5	12	29.6		14.5	12
	PAS2201F-02-10S	R1/4	10.5	4	17	35.2		18.4	14
Φ12	PAS3201F-03-10S	R3/8	11	4	19	31.6	21.3	22.5	18
	PAS4201F-04-10S	R1/2	14.5	4	24	33.3		28	21.6
	PAS3201F-02-12S	R1/4	10.5	4	17	32.8		18.4	14
Φ12	PAS3201F-03-12S	R3/8	11	4	19	32.3	21.3	22.5	18
	PAS4201F-04-12S	R1/2	14.5	4	24	34.6		28	21.6

PAS series installed directly type speed control valve

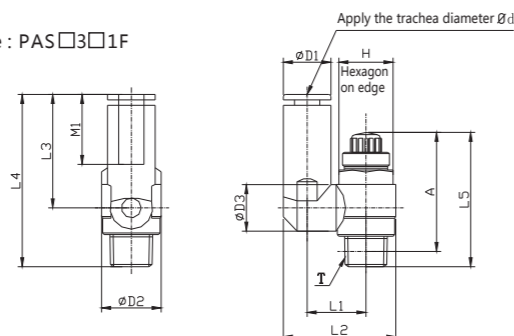
Figure Dimension

Limit the type of speed control valve: PAS□□11F



Apply the trachea diameter ΦD	Model	Connection thread		Joint outside hexagonal			Joint appearance		
		Size	A/A1	H	S	L	Φ	$\Phi 1$	B
$\Phi 4$	PAS1211F-M5-04	M5x0.8	4	3.2	8	20	10.8	9.6	12
	PAS2211F-01-04S	R1/8	7.5	3.5	12	21.5		14.2	13
	PAS2211F-02-04S	R1/4	10.5	4	17	25		18.4	14
$\Phi 6$	PAS1211F-M5-06	M5x0.8	4	3.2	8	22.5	13.3	9.6	12
	PAS2211F-01-06S	R1/8	7.5	3.5	12	23		14.2	13
	PAS2211F-02-06S	R1/4	10.5	4	17	24.2		18.4	14
$\Phi 8$	PAS3211F-03-06S	R3/8	11	4	19	28.8	15.8	22.5	18
	PAS2211F-01-08S	R1/8	7.5	3.5	12	24.5		14.2	13
	PAS2211F-02-08S	R1/4	10.5	4	17	26		18.4	14
$\Phi 10$	PAS3211F-03-08S	R3/8	11	4	19	32.6	19	22.5	18
	PAS2211F-01-10S	R1/8	7.5	3.5	12	29.6		14.5	12
	PAS2211F-02-10S	R1/4	10.5	4	17	35.2		18.4	14
$\Phi 12$	PAS3211F-03-10S	R3/8	11	4	19	31.6	21.3	22.5	18
	PAS4211F-04-10S	R1/2	14.5	4	24	33.3		28	21.6
	PAS3211F-02-12S	R1/4	10.5	4	17	32.8		18.4	14
$\Phi 12$	PAS3211F-03-12S	R3/8	11	4	19	32.3	21.3	22.5	18
	PAS4211F-04-12S	R1/2	14.5	4	24	34.6		28	21.6

Universal type of speed control valve: PAS□3□1F

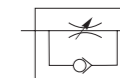


Apply the trachea diameter ΦD	Model	T	H	D1	D2	D3	L1	L2	L3	L4	M1	L5		A		Weight g
												Max	Min	Max	Min	
$\Phi 3.2$	PAS1301F-M3-23	M3x0.5	5.5	8.4	7.2	7.2	10.1	17.9	17.6	28.3	12.7	26.6	24.1	24	21.5	4
$\Phi 4$	PAS1301F-M3-04			9.3				18.3	17.9	28.6						5
$\Phi 3.2$	PAS1301F-M5-23	M5x0.8	8	8.4	9.6	9.3	108	19.8	17.5	28.7	12.7	28.6	25.8	25	22.2	7
$\Phi 4$	PAS1301F-M5-04			9.3				20.3	17.5	28.7						
$\Phi 6$	PAS1301F-M5-06	M5x0.8	8	11.6	9.6	9.3	108	21.4	20.6	31.8	13.5	28.6	25.8	25	22.2	7
$\Phi 3.2$	PAS2301F-01-23			8.4				24.4	17.5	30.9						12.7
$\Phi 4$	PAS2301F-01-04	R1/8	12	9.3	14.2	9.3	13.1	24.9	17.5	30.9	12.7	35.2	30.2	30.1	27.1	17
$\Phi 6$	PAS2301F-01-06			11.6				26.9	22.9	36.3						13.5
$\Phi 8$	PAS2301F-01-08	R1/8	12	15.2	14.2	9.3	13.1	30.9	28.2	40.8	18.5	35.2	30.2	30.1	27.1	18
$\Phi 4$	PAS2301F-02-04			10.4				30.6	21.9	39.6						16
$\Phi 6$	PAS2301F-02-06	R1/8	17	12.8	18.5	10.9	18.4	34	25.2	42.1	17	39.9	34.9	34.4	29.4	33
$\Phi 8$	PAS2301F-02-08			15.2				30.9	28.2	40.8						18.5
$\Phi 10$	PAS2301F-02-10	R1/4	17	18.4	18.5	12.9	20.2	38.7	31	47.9	21	39.9	34.9	34.4	29.4	36
$\Phi 6$	PAS3301F-02-06			12.8				20.6	38.5	25.2						46.5
$\Phi 8$	PAS3301F-02-08	R1/4	19	15.2	23	12.9	20.6	39.7	28.2	49.5	18.5	48.3	43.3	42.8	37.8	66
$\Phi 10$	PAS3301F-02-10			18.5				23	43.7	32.6						53.8
$\Phi 12$	PAS3301F-02-12	R3/8	19	20.9	16.2	12.9	20.6	44.9	34.4	55.7	22	48.3	43.3	42.8	37.8	69
$\Phi 6$	PAS3301F-03-06			12.8				20.6	38.5	25.2						45
$\Phi 8$	PAS3301F-03-08	R3/8	19	15.2	23	12.9	20.6	39.7	28.2	48	18.5	45.4	40.4	40	35	59
$\Phi 10$	PAS3301F-03-10			18.5				23	43.7	32.6						52.4
$\Phi 12$	PAS3301F-03-12	R1/2	24	20.9	16.2	12.9	20.6	44.9	34.4	54.2	22	56.7	49.2	49.6	42.1	104
$\Phi 10$	PAS4301F-04-10			18.5				25.8	49.4	32.6						57.1
$\Phi 12$	PAS4301F-04-12	R1/2	24	21.7	19.4	26.6	52	36.3	60.8	22	22	56.7	49.2	49.6	42.1	106

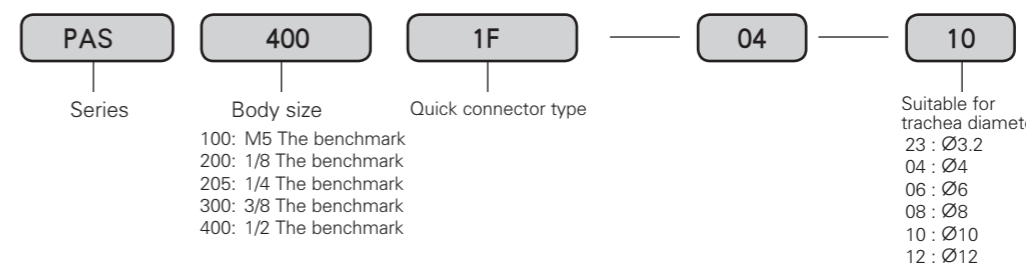
PAS series straight-through type speed control valve



Graphics Sign



Ordering Code



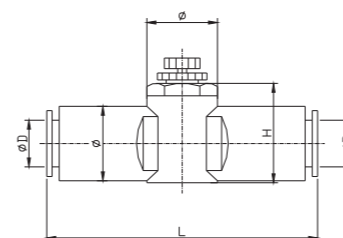
Technical Parameter

The highest working pressure	1MPa
The minimum working pressure	0.1MPa
Environment and fluid temperature	-5~60°C (Not frozen)
Adjust the flow number of turns	10 (M5 is 8 times)
Suitable for the hose material	Soft nylon, nylon, polyurethane

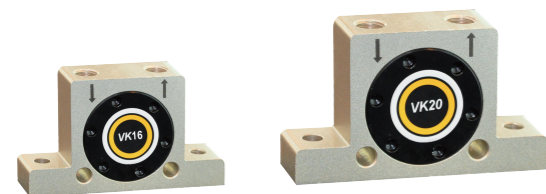
Specification table

Model	Specification		
	Suitable for trachea diameter Φ (mm)	Rated flow/min (ANR)	The effective cross-sectional area (mm ²)
PAS1001F	3.2、4、6	100	1.5
PAS2001F	4、6	130~230	2~3.5
PAS2051F	6、8	290~460	4.5~7
PAS3001F	6、8、10、12	420~920	6.5~14
PAS4001F	10、12	1050~1390	16~21

Figure Dimension



Apply the trachea diameter ΦD	Model	L	H	$\Phi 1$	Φ
$\Phi 4$	PAS1001F-04	39.2	14.8	10.2	10.8
	PAS2001F-04	40.3	20	12	
$\Phi 6$	PAS1001F-06	40.7	15.7	10.2	13
	PAS2001F-06	45.2	21	12	
	PAS2051F-06	53.3	22.3	15.1	
$\Phi 8$	PAS3001F-06	60.2	24.4	20.3	15.6
	PAS2051F-08	60.8	19.6	15.1	
$\Phi 10$	PAS3001F-08	65	25.3	20.4	19
	PAS3001F-10	71	26.6	20.4	
$\Phi 12$	PAS4001F-10	77	31.2	18.5	21.4
	PAS3001F-12	76.2	32.5	20.3	
	PAS4001F-12	82	32.2	27.3	



● VK-16 ● VK-20

■ Character

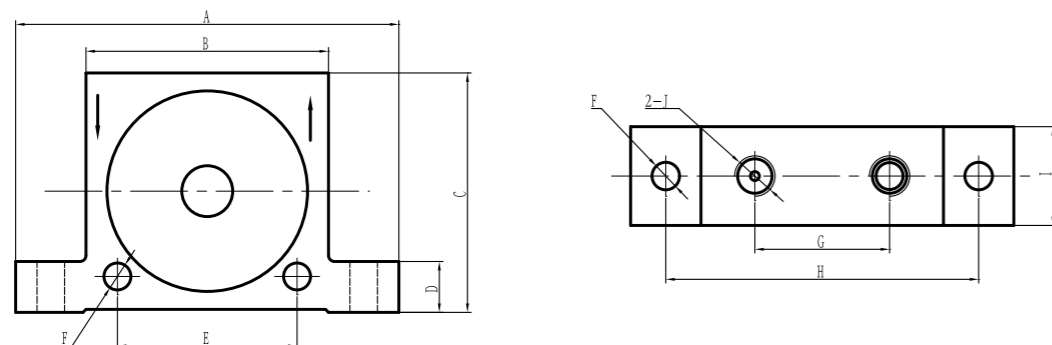
Using compressed air as the power to driven stainless ball. The round of the ball could producing frequency vibrations. So that brings the parts to vibrations. And have the function of mixing. Within a certain range, the frequency could be regulated by the pressure of the air. It could be used in the light manufacturing such as food, drink, medicine etc and also in the machinery industry.

● Ordering Code



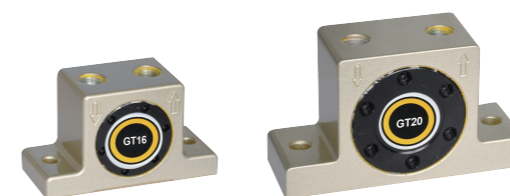
■ Technical Parameter

Type	VK08	VK16	VK20	VK36
Applicable Medium	Filtrate compress Air (Lubrication or No-Lubrication)			
Design	Steel ball ratary acting			
Install Method	Dos shell 2- $\phi 9$ hole			
Note	Pay attention the showout with entrance and exit of pipeline, not reverse installment			



■ Figure Dimension

Type	A	B	C	D	E	F	G	H	I	J
VK-08	86	51	50	12	38.5	$\phi 6.5$	27	68	21	G1/4
VK-16	113	66	65.5	17	50	$\phi 9$	40	90	28	G1/4
VK-20	128	84	80	17	61	$\phi 9$	55	105	38	G1/4
VK-36	161	105	100	21	80	$\phi 11$	72	130	50	G3/8



● GT10 ● GT20

■ Character

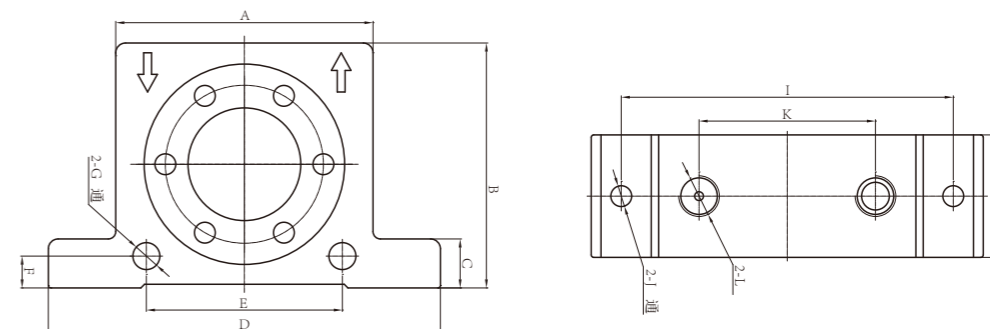
Using compressed air as the power to driven stainless ball. The round of the ball could producing frequency vibrations. So that brings the parts to vibrations. And have the function of mixing. Within a certain range, the frequency could be regulated by the pressure of the air. It could be used in the light manufacturing such as food, drink, medicine etc and also in the machinery industry.

● Ordering Code



■ Technical Parameter

Type	GT08	GT16	GT20	GT36
Applicable Medium	Filtrate compress Air (Lubrication or No-Lubrication)			
Design	Steel ball ratary acting			
Install Method	Dos shell 2- $\phi 9$ hole			
Note	Pay attention the showout with entrance and exit of pipeline, not reverse installment			



■ Figure Dimension

Type	A	B	C	D	E	F	G	H	I	J	K	L
GT08	51	50	12	86	-	-	-	35	68	$\phi 7$	27.5	G1/4
GT16	66	65.5	17	113	-	-	-	43	90	$\phi 9$	39	G1/4
GT20	84	80	17	130	-	-	-	57	104	$\phi 9$	55	G1/4
GT36	105	100	21	160	80	13.5	11	73	130	$\phi 11$	76	G3/8