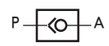
Check Valve

● 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

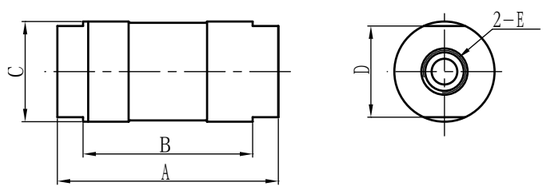
CV — 06

Series — Pipe size

■ Technical Parameter

Item / Specification	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℃
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	ϕ28	24	G1/8
CV–08	64	53	ϕ28	24	G1/4
CV–10	86	66	ϕ39.5	36	G3/8
CV–15	86	66	ϕ39.5	36	G1/2
CV–20	112	90	ϕ53.5	46	G3/4
CV–25	112	90	ϕ53.5	46	G1

Air Check Valve

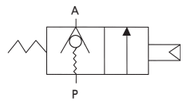
● CVA–06

● Ordering Code

CVA — 06

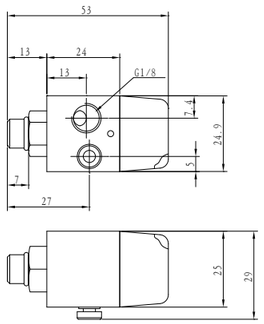
Seriers — Pipe size 06 : G1/8

■ Graphics Sign



■ Figure Dimension

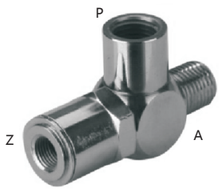
● CVA–06



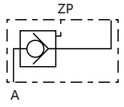
■ Technical Parameter

Item / Specification	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℃

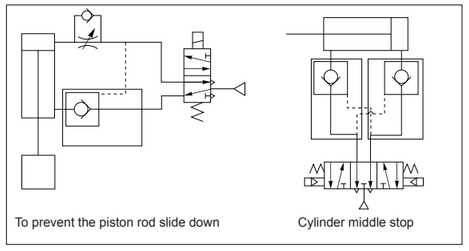
QDS series pneumatic valve



■ Graphics Sign



■ The sample application



■ 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

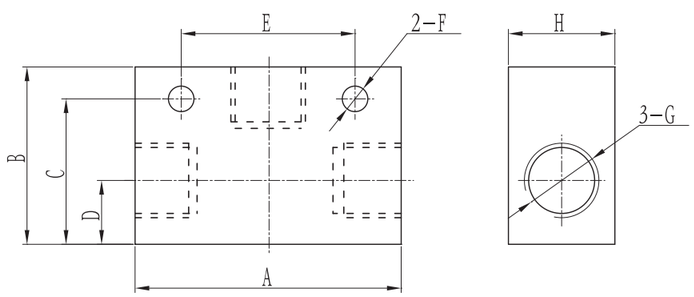
KV — 06

Series: KV; Pipe size: 06

Technical Parameter

Specification \ Item	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℃
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	ϕ4.3	G1/8	16
KV–08	52	35	25	11	35	ϕ5.5	G1/4	22
KV–10	70	50	41	18	48	ϕ7	G3/8	30
KV–15	75	50	41	18	48	ϕ7	G1/2	30
KV–20	110	70	58	22	72	ϕ7	G3/4	40
KV–25	110	70	58	22	72	ϕ7	G1	40

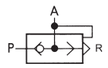
Quick Exhaust Valve

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

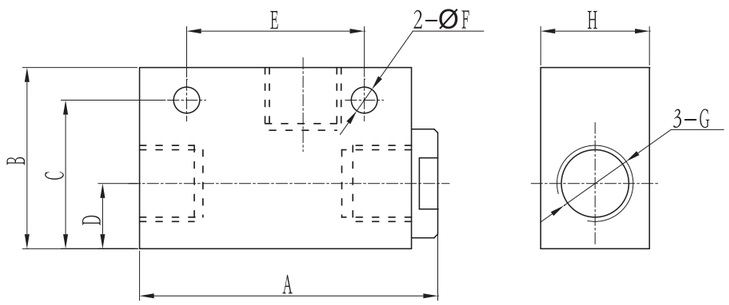
QV — 06

Series: QV; Pipe size: 06

Technical Parameter

Specification \ Item	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℃
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	ϕ4.3	G1/8	22
QV–08	61.5	40	32	16	39	ϕ5.5	G1/4	26
QV–10	61.5	40	32	16	39	ϕ5.5	G3/8	26
QV–15	99	60	50	20	60	ϕ8.5	G1/2	40
QV–20	99	60	50	20	60	ϕ8.5	G3/4	40
QV–25	113	75	63	26	80	ϕ8.5	G1	50

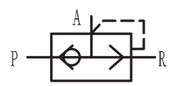
Quick Exhaust Valve

● 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.

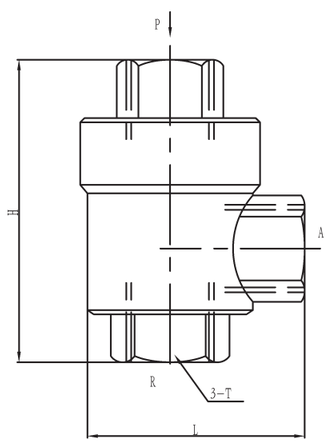
■ Graphics Sign



■ Technical Parameter

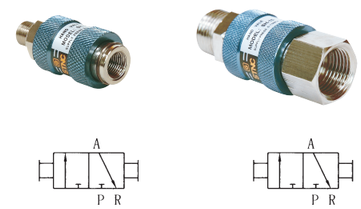
Item / Specification	Pipe Size	Nominal Diameter (mm)	Min. Operating Pressure	Durable (Million)	Pressure Range	Switching time
XQ–M5	M5	4	–	⩾ 200	0.12 ~ 1.0	⩽ 0.03
XQ170600	G1/8	6	⩾ 0.3			⩽ 0.03
XQ170800	G1/4	6	⩾ 0.9			⩽ 0.03
XQ171000	G3/8	8	⩾ 2.5			⩽ 0.04
XQ171500	G1/2	15	⩾ 4.5			⩽ 0.05

■ 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

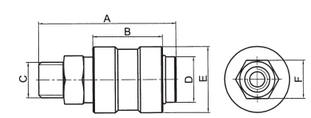
Item / Specification	Pipe size	Nominal Diameter (mm)	Applicable Medium	Pressure Range	Medium Temperature
SH–M5	M5	2.5	Air	0 ~ 1.0MPa	–5 ~ 60°C
SH–06	G1/8	6			
SH–08	G1/4	8			
SH–10	G3/8	10			
SH–15	G1/2	15			

● Ordering Code

SH — Series

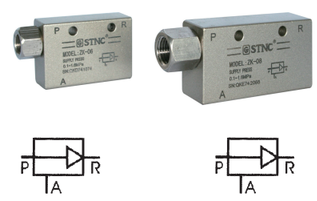
06 — Pipe size
06:G1/8
08:G1/4
10:G3/8
15:G1/2

■ 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	ϕ10	ϕ14	ϕ18	ϕ21	ϕ21
E	ϕ16	ϕ21	ϕ26	ϕ30	ϕ30
F	12	15	19	22	24

Vacuum operating Valve



● ZK–06 ● ZK–08

■ Technical Parameter

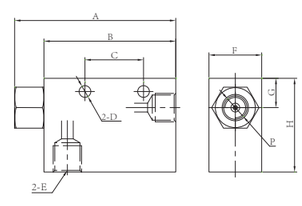
Item / Specification	Pipe Size	Nozzle Dia. (mm)	Applicable Medium	Air diplacement L/Min	Up–to Vacuum degree –Kpa(–mmHg)	Air Consumption L/min	Applicalbe presssure –Mpa(Kgf/cm²)	Medium Temperature
ZK–06	G1/8	1	Air	27	–91.8(690)	44	0.5(5)	0 ~ 60°C
ZK–08	G1/4	1.5		63	–91.8(690)	100	0.5(5)	
ZK–10	G3/8	2		110	–91.8(690)	180	0.5(5)	

● Ordering Code

ZK — Series

06 — Pipe size

■ Figure Dimension



Specification	ZK–06	ZK–08	ZK–10
A	55	78	105
B	45	63	85
C	20	25	31.5
D	ϕ4	ϕ4.6	ϕ6
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

SV — 01

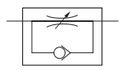
Series

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 fl ow, so as to change the oneway movement speed of executive components such as air cylinder.

■ Graphics Sign

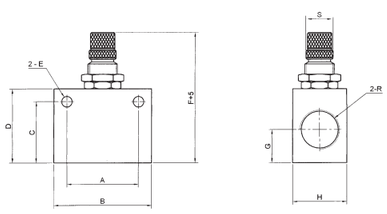


II

■ Technical Parameter

Specification/Item		Pipe size	Applicable Medium	Min.Operating Pressure	Pressure Range	Medium Temperature
Precision type	SV–01	G1/8	Air	0.03MPa	0.05 ~ 1.2 MPa	–5 ~ 60°C
	SV–02	G1/4				
	SV–03	G3/8				
	SV–04	G1/2				

■ 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	ϕ4.5	ϕ4.5	ϕ5.5	ϕ5.5
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

ST — 01

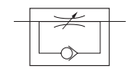
Series

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 fl ow, so as to change the oneway movement speed of executive components such as air cylinder.

■ Graphics Sign

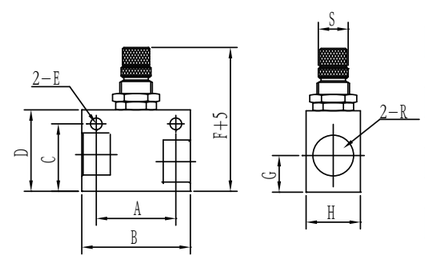


II

■ Technical Parameter

Specification/Item		Pipe size	Applicable Medium	Min.Operating Pressure	Pressure Range	Medium Temperature
Basic type	ST–01	G1/8	Air	0.03MPa	0.05 ~ 0.8 MPa	–5 ~ 60°C
	ST–02	G1/4				
	ST–03	G3/8				
	ST–04	G1/2				
	ST–06	G3/4				
	ST–10	G1				

■ 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	ϕ4.3	ϕ4.3	ϕ4.3	ϕ4.3	ϕ8.5	ϕ8.5
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	–	–