

Valve

3V1
3V2
3V2M
3V3
3V100
3V200
3V300
4V100
4V200
4V300
4V400
HY-S1
HY-S2
HY-S3
HY-S4
4M

3V Manifold
4V Manifold

Coil

3A100
3A200
3A300
4A100
4A200
4A300
4A400

3A Manifold
4A Manifold

VF3000
VF5000

SY
SY Manifold

MVSD-180
MVSC-220

MVSC-260
MVSC-300

MVSC-460
HB10

3H
4H

TSV
3R

4R
HSV

4HV/4HVL

HV
K²⁴₃₄

MOV
JM

MSV
XQ²³₂₅

3F/3FM
4F

FV
K²³₂₅

ASC

RE

QE

ST

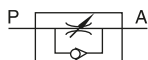
KA

XQ

AQ



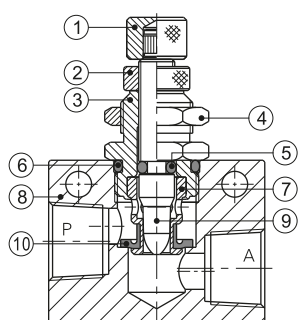
Symbol



Product feature

1. Small and compact structure.
2. Allows air to exhaust and cut off air flow. The adjustment screw is both sensitive and precise.
3. Can be mounted in various position to facilitate installation and application.

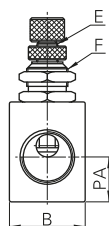
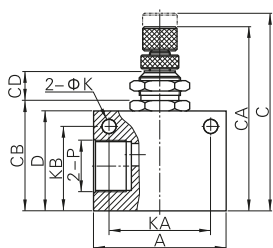
Inner structure



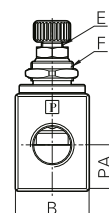
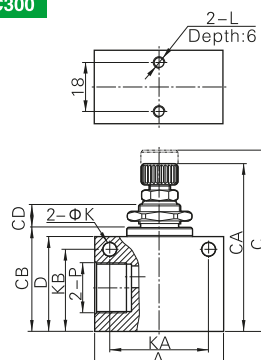
No.	Item
1	Adjustment cap
2	Clamping cap
3	Throttle body
4	Hexagon nut
5	O-ring
6	O-ring
7	Throttle sheath
8	Body
9	Throttle column
10	Spool O-ring

Dimensions

ASC100/ASC200



ASC300



Model/Item	A	B	C	CA	CB	CD	D	E	F	K	KA	KB	L	P	PA
ASC100-06	32	18	52.5	47	26	8.6	23	M6×0.5	M12×0.75	4.3	22	18	M4×0.7	1/8"	10
ASC200-08	36	18	56.5	51	30	8.6	27	M6×0.5	M12×0.75	4.3	26	23	M4×0.7	1/4"	13.5
ASC300-10	50	28	74	65	40.5	10	37	M8×0.75	M16×1.0	5.3	35	32	M4×0.7	3/8"	17.5
ASC300-15	50	28	74	65	40.5	10	37	M8×0.75	M16×1.0	5.3	35	32	M4×0.7	1/2"	17.5

Specifications

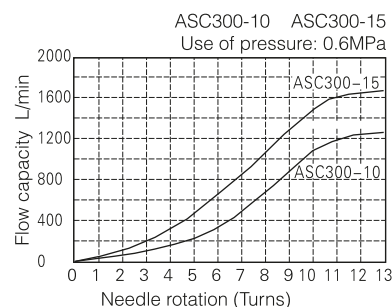
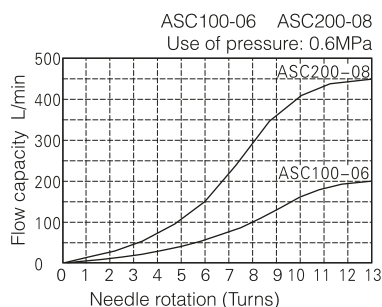
Model	ASC100-06	ASC200-08	ASC300-10	ASC300-15
Fluid	Air(to be filtered by 40μm filter element)			
Port size ①	1/8"	1/4"	3/8"	1/2"
Pressure range	0.05~0.95MPa(7~135psi)			
Proof pressure	1.5MPa(215psi)			
Temperature (°C)	-20~70			
Body material	Aluminum alloy			
Flow (L/min)	Control flow	200	450	1250
	Free flow	400	800	1500

① PT thread, G thread and NPT thread are available.

Ordering code

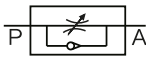
ASC	300	08	
Model	Code	Port size	Thread type
ASC	Flow control valve	Model	Port size
	100 100 Series	100 Series	06 1/8"
	200 200 Series	200 Series	08 1/4"
	300 300 Series	300 Series	10 3/8"
			15 1/2"
			Blank PT
			G G
			T NPT

Flow chart





Symbol



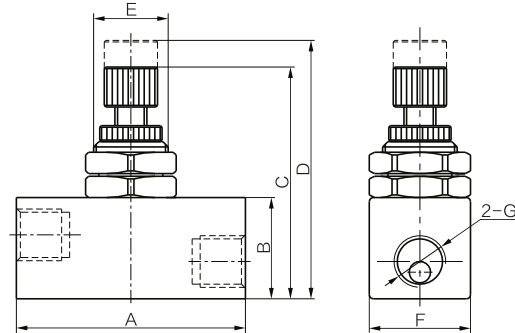
Ordering code

RE		01		
Model		Port size	Thread type	
RE	Flow control valve	01 1/8"	Blank	PT
		02 1/4"	G	G
		03 3/8"	T	NPT
		04 1/2"		

Specifications

Model	RE-01	RE-02	RE-03	RE-04
Fluid	Air (to be filtered by 40μm filter element)			
Port size	1/8"	1/4"	3/8"	1/2"
Pressure range	0~0.95MPa(0~135psi)			
Temperature (°C)	-5~60(28~140°F)			

Dimensions

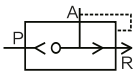


Model/Item	A	B	C	D	E	F	G
RE-01	43	19	43	49	M14×1	19	1/8"
RE-02	43	19	43	49	M14×1	19	1/4"
RE-03	53	26	54	60	M18×1	26	3/8"
RE-04	53	26	54	60	M18×1	26	1/2"

QE Series Quick Exhaust Valve



Symbol



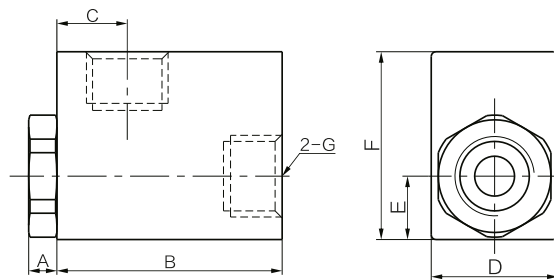
Ordering code

QE		01		
Model		Port size	Thread type	
QE	Fast exhaust valve	01 1/8"	Blank	PT
		02 1/4"	G	G
		03 3/8"	T	NPT
		04 1/2"		

Specifications

Model	QE-01	QE-02	QE-03	QE-04
Fluid	Air (to be filtered by 40μm filter element)			
Port size	1/8"	1/4"	3/8"	1/2"
Pressure range	0~0.95MPa(0~135psi)			
Temperature (°C)	-5~60(28~140°F)			

Dimensions



Model/Item	A	B	C	D	E	F	G
QE-01	4	35	10.5	18	9	27	1/8"
QE-02	6	48	15	27	13.5	40	1/4"
QE-03	6	48	15	27	13.5	40	3/8"
QE-04	6	48	15	27	13.5	40	1/2"

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SY
SY Manifold
MVSD-180
MVSC-220
MVSC-260
MVSC-300
MVSC-460
HB10
3H
4H
TSV
3R
4R
HSV
4HV/4HVL
HV
K²⁴₃₄
MOV
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XQ²³₂₅
3F/3FM
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