Flow control valve

ASC Series

AirTAC

Symbol
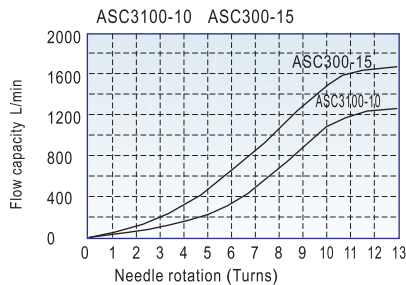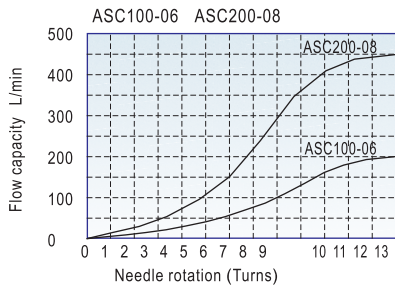

P ———— A
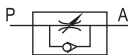
Product feature

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.

Flow chart

ASC100-06   ASC200-08

ASC3100-10   ASC300-15

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
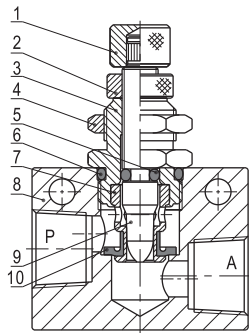
Specification

Model	ASC100−06	ASC200-08	ASC300-10	ASC300-15
Fluid	Air (to be filtered by 40 μ m filter element)			
Port size①	1/8"	1/4"	3/8"	1/2"
Pressure range	0.05~0.95MPa(7~135psi)			
Proof pressure	1.5MPa(215psi)			
Temperature	-20~70℃			
Material body	Aluminum alloy			
Flow (L/min) Control flow	200	450	1250	1650
Free flow	400	800	1500	2500

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

ASC

Ordering code

ASC 300 10 P

Model
ASC: Flow control valve

Code
100: 100 series
200: 200 series
300: 300 series

Thread type

P: PT
T: NPT
G: G

Port size

Model	Port size
100 series	06: 1/8"
200 series	08: 1/4"
	10: 3/8"
300 series	15: 1/2"

Dimensions

ASC100, 200

ASC300

2-M4x0.7 dp: 6
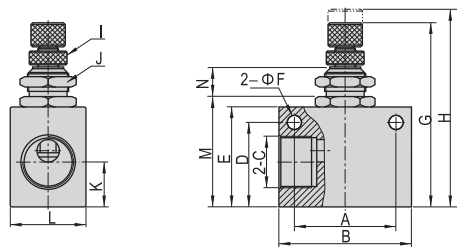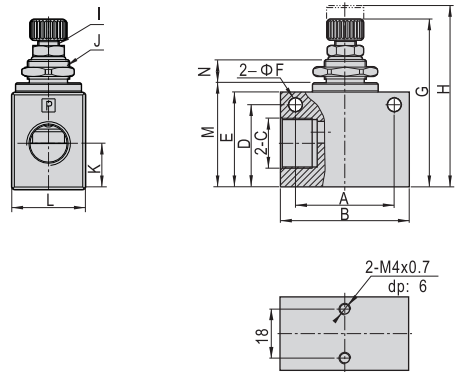
Type\Item	A	B	C	D	E	F	G	H	I	J	K	L	M	N
ASC10006	22	32	1/8"	18	23	4.3	46.8	52.3	M6×0.5	M12×0.75	10	18	26	8.6
ASC20008	26	36	1/4"	23	27	4.3	50.8	56.3	M6×0.5	M12×0.75	13.5	18	30	8.6
ASC30010	35	50	3/8"	32	37	5.3	65	74	M8×0.75	M16×1.0	17.5	28	40.5	10.2
ASC30015	35	50	1/2"	32	37	5.3	65	74	M8×0.75	M16×1.0	17.5	28	40.5	10.2