

# Flow control valve

## ASC Series

### Specification

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 range ℃	-20-70				
Material of 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.

### Symbol



### Ordering code

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

### Dimensions

**ASC100**

**ASC200**

**ASC300**

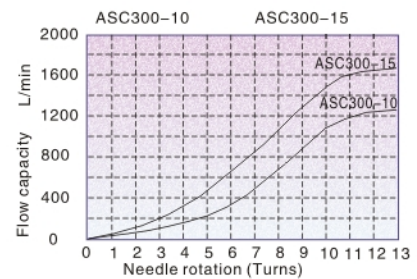
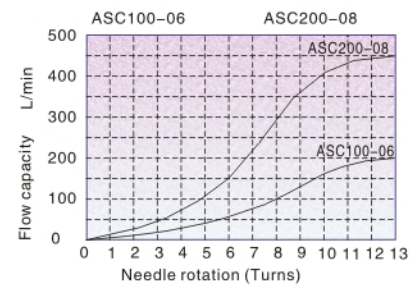
Type Item	ASC100-06	ASC200-08	ASC300-10	ASC300-15	Type Item	ASC100-06	ASC200-08	ASC300-10	ASC300-15
A	22	26	35	35	H	52.3	56.3	74	74
B	32	36	50	50	I	M6 × 0.5	M6 × 0.5	M8 × 0.75	M8 × 0.75
C	1/8"	1/4"	3/8"	1/2"	J	M12 × 0.75	M12 × 0.75	M16 × 1.0	M16 × 1.0
D	18	23	32	32	K	10	13.5	17.5	17.5
E	23	27	37	37	L	18	18	28	28
F	4.3	4.3	5.3	5.3	M	26	30	40.5	40.5
G	46.8	50.8	65	65	N	8.6	8.6	10.2	10.2



### Product feature

- 1、Delicate and compact structure;
- 2、Available to exhaust and cut off flow, sensitive in adjustment, high precision;
- 3、Install in several positions to facilitate installation and application.

### Flow chart



### Inner structure

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