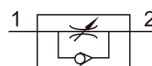


Symbol



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.

Ordering code

RFL 01 01

① ② ③

①

Model
RFL: Flow Control Valve

②

Series Code
01: 1 Serie
02: 2 Serie
03: 3 Serie

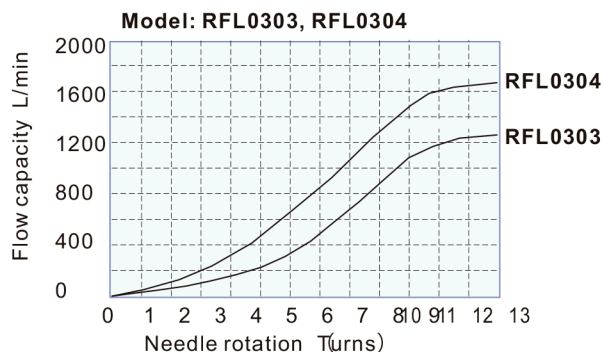
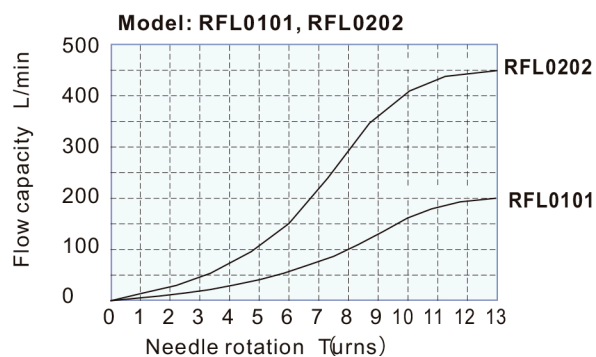
③

Port Size	
Series	Port size
01	01: 1/8" G
02	02: 1/4" G
03	03: 3/8" G
	04: 1/2" G

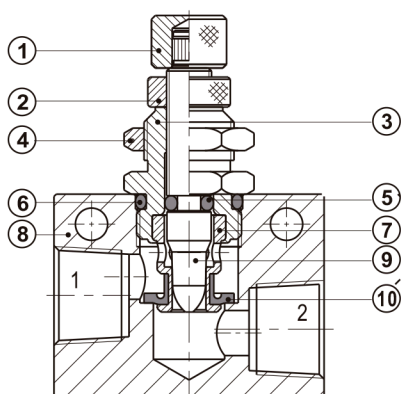
Specification

Valve	RFL0101	RFL0202	RFL0303	RFL0304
Fluid	Air(to be filtered by 40μm filter element)			
Port size	1/8"G	1/4"G	3/8"G	1/2"G
Operating pressure	0.5~9.5bar(7~135psi)			
Proof pressure	15bar(215psi)			
Temperature °C	-20~70			
Material of body	Aluminum alloy			
Flow(L/min)	Control flow	200	450	1250
	Free flow	400	800	1500
				1650
				2500

Flow chart



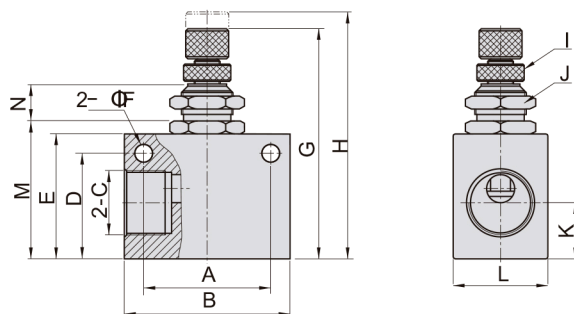
Inner structure



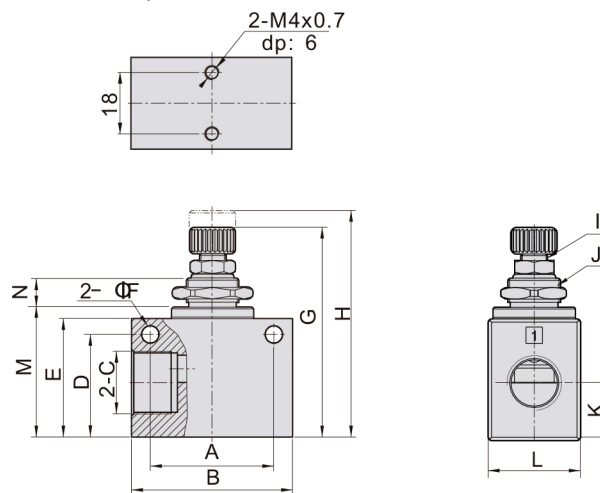
No.	Item
(1)	Adjustment cap
(2)	Clamping cap
(3)	Throttle body
(4)	Hexagon nut
(5)	O-ring
(6)	O-ring
(7)	Throttle sheath
(8)	Body
(9)	Throttle column
(10)	Spool O-ring

Dimensions

Model: RFL0101, RFL0202



Model: RFL0303, RFL0304



Model\Item	A	B	C	D	E	F	G	H	I	J	K	L	M	N
RFL0101	22	32	1/8"G	18	23	4.3	46.8	52.3	M6x0.5	M12x0.75	10	18	26	8.6
RFL0202	26	36	1/4"G	23	27	4.3	50.8	56.3	M6x0.5	M12x0.75	13.5	18	30	8.6
RFL0303	35	50	3/8"G	32	37	5.3	65	74	M6x0.75	M16x1.0	17.5	28	40.5	10.2
RFL0304	35	50	1/2"G	32	37	5.3	65	74	M6x0.75	M16x1.0	17.5	28	40.5	10.2