



Speed controller Medium bore size Outdoor Series

SC1-W Series

● Port size: Rc1/4 to Rc1/2

JIS symbol



Specifications

Item	SC1-8-W	SC1-10-W	SC1-15-W	
Working fluid	Compressed air			
Max. working pressure MPa	1.0			
Min. working pressure MPa	0.05			
Proof pressure MPa	1.5			
Fluid temperature °C	5 to 60			
Ambient temperature °C	-10 to 60 (no freezing)			
Port size Rc	1/4	3/8	1/2	
Weight g	95	205	195	
Dial value (needle position)	10	10	10	
Free flow	Flow rate/l/min (ANR)	930	2600	2900
	Effective cross-sectional area mm ²	14	39	43
Controlled flow	Flow rate/l/min (ANR)	870	1500	2400
	Effective cross-sectional area mm ²	13	22	36

*1: Flow rate is the atmospheric pressure conversion at 0.5MPa.

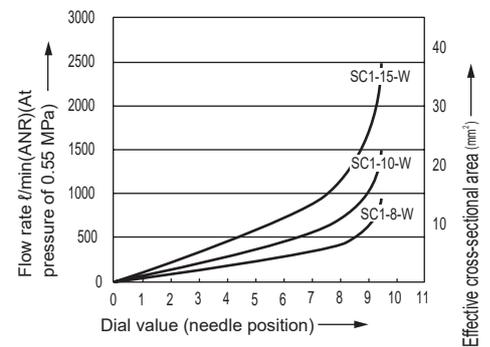
How to order

SC1 - 8 - W

A Port size

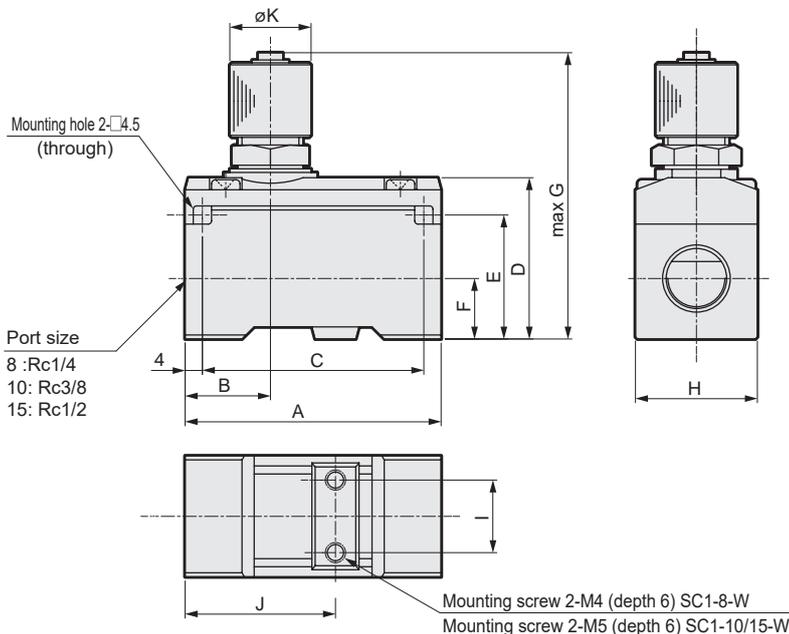
Code	Description
A Port size	
8	Rc1/4
10	Rc3/8
15	Rc1/2

Flow characteristics



Dimensions

● SC1-W



Model No.	A	B	C	D	E	F
SC1-8-W	50	20	42	31	23	11
SC1-10/15-W	63	21	55	40	31	15

Model No.	G	H	I	J	K
SC1-8-W	67	22	12	31	19
SC1-10/15-W	83	30	18	37	23

⚠ Safety precautions

- When operating in the low pressure range (0.05 MPa or less), or when the piping, etc., before and after the product are excessively constricted, note that vibrating sounds can be easily generated if the cylinder speed is rapid, or if the differential pressure is small.
- When tightening, do not tighten the needle or lock nut section excessively. (Tightening torque approx. 3 Nm)

CKD