

# 2H Series

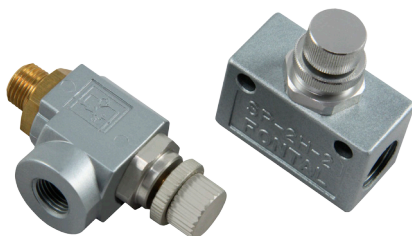
Speed control valve

## SP-2H

Straight type

## SPE-2H

Elbow type

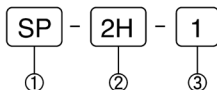


## Specifications

Model No.	Unit	SP-2H-1	SP-2H-2	SPE-2H-1	SPE-2H-2
Port size		Rc $\frac{1}{8}$	Rc $\frac{1}{4}$	R, Rc $\frac{1}{8}$	R, Rc $\frac{1}{4}$
Effective area	mm <sup>2</sup>	2.7			
Cv value (fully open)		0.15			
Fluid		Air			
Operating pressure range	MPa	0~1			
Ambient temperature	°C	-5~60			
Weight	g	45	51	52	60

Note) Effective area: value measured when flow rate of speed controller is fully open.  
When the temperature falls below 5 °C, please provide air dryer to prevent water frozen.

## Representation



### ① Type

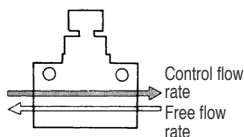
SP : Straight type  
SPE : Elbow type

### ② Port size

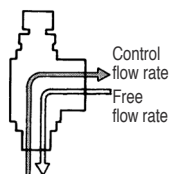
1: R, Rc $\frac{1}{8}$   
2: R, Rc $\frac{1}{4}$

## Control Method

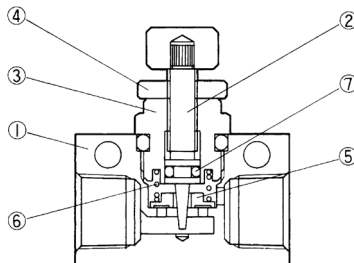
●SP-2H



●SPE-2H



## Structure

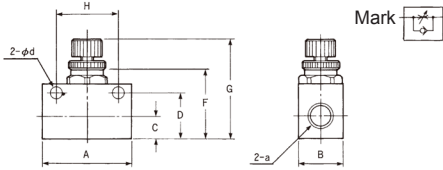


## Main Components

No.	Component Name
1	Body
2	Ejector pin
3	Top cap
4	Mounting nut
5	Check valve seat
6	Spring
7	O-ring

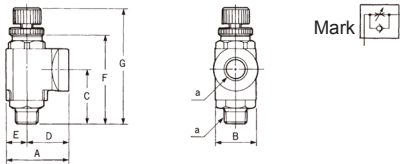
(Unit: mm)

## SP-2H



Model No.	A	B	C	D	F	G	H	a	d
SP-2H-1	36	18	9	18.5	28	MAX45, MIN40	25	1/8	4.5
SP-2H-2	36	18	9	18.5	28	MAX45, MIN40	25	1/4	4.5

## SPE-2H



Model No.	A	B	C	D	E	F	G	a	Rc
SPE-2H-1	27.5	18	24	18.5	9	39.5	MAX56, MIN51	1/8	
SPE-2H-2	27.5	18	28	18.5	9	43.5	MAX60, MIN55	1/4	

**Caution**

Before using speed control valve, please check the flowing direction first.

## Characteristic of the flow rate

