



Speed Controller SC Series

Suitable for actuator speed control

- The controller mounted between cylinder and selector valve ensures easy cylinder speed adjustment.
- As the flow line is widely opened, the check valve is forcibly opened. The flow rate can be adjusted in a wide range by operating the valve from the fully closed state to the fully open state.

Specification

Model number		SC-8	SC-10	SC-15	SC-20	SC-25
Item						
Port size		Rc1/4	Rc3/8	Rc1/2	Rc3/4	Rc1
Effective sectional area mm ²	Metered flow	37.7	47.0	115.2	146.2	186.1
	Free flow	37.7	45.2	137.4	159.5	186.1
Note) Flow rate ℓ/min(ANR)		4200	5700	8000	16000	20000
Working fluid		Air				
Working pressure range		0.05 to 1 MPa				
Max. working pressure		1 MPa				
Proof test pressure		1.5 MPa				
Working temperature range		+5 to +60°C				
Weight	g	200	200	400	400	700

- Notes) ● Flow rate at a primary pressure of 0.5 MPa and at 20°C
- Note that the controllers can cause vibration noise depending on the operating conditions (when they are used at 0.05 MPa or less, the pipes on the upstream and downstream sides are excessively throttled, or the differential pressure is low).

How to Order

When placing an order, specify the model number shown below.

SC-15

Series

Port size
 8: Rc1/4 20: Rc3/4
 10: Rc3/8 25: Rc1
 15: Rc1/2