

# Deceleration Controller

RoHS

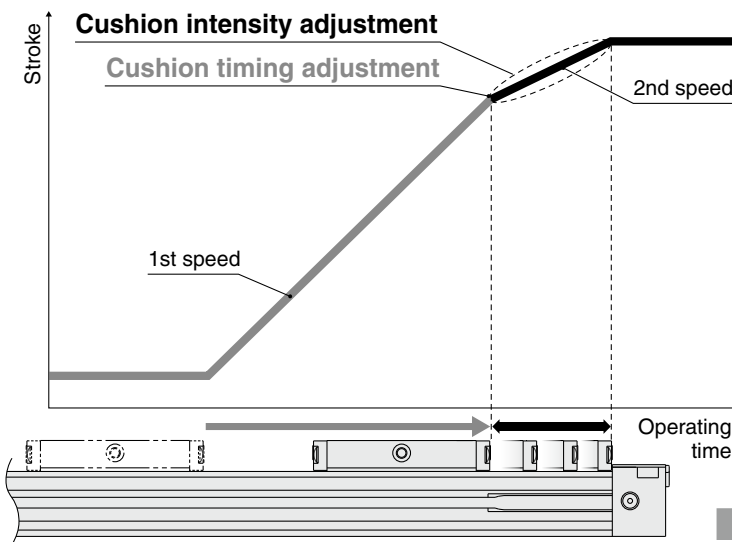
- 2-speed control reduces cycle time
- Allows for the impact relaxation of the stroke end

## ■ Allows for the 2-speed control of cylinders

The deceleration position (cushion timing) and

**2nd speed (cushion intensity)**

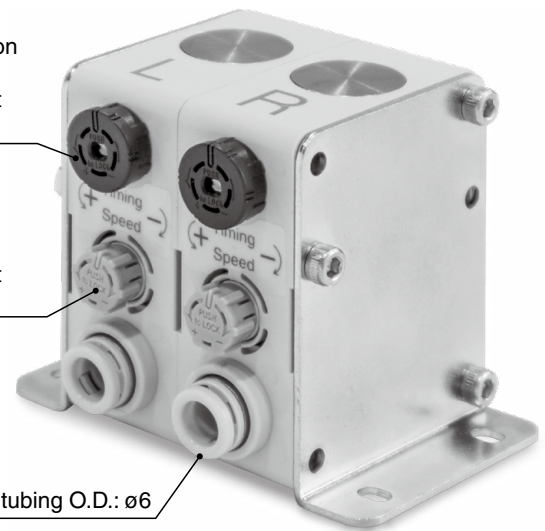
can be adjusted.



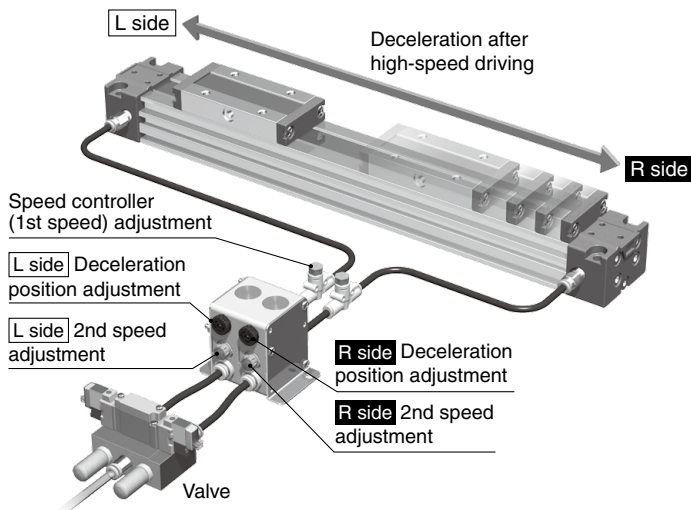
Deceleration position adjustment (Black)

2nd speed adjustment (Gray)

Applicable tubing O.D.:  $\phi 6$



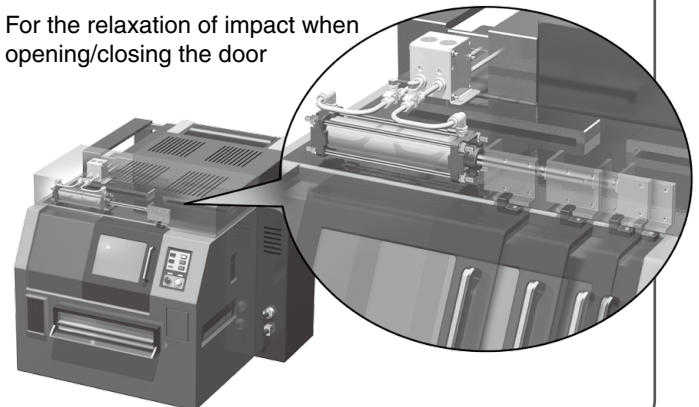
- Provides impact relaxation in cases where it is difficult to install a shock absorber, etc.
- Can be easily introduced to existing equipment due to installation between the valve and cylinder



- No fluctuation effect on the supply pressure

### Application Example

For the relaxation of impact when opening/closing the door



# DAS-X946



20-E747

# DAS-X946

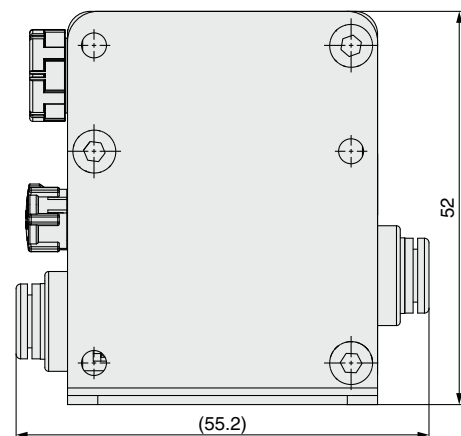
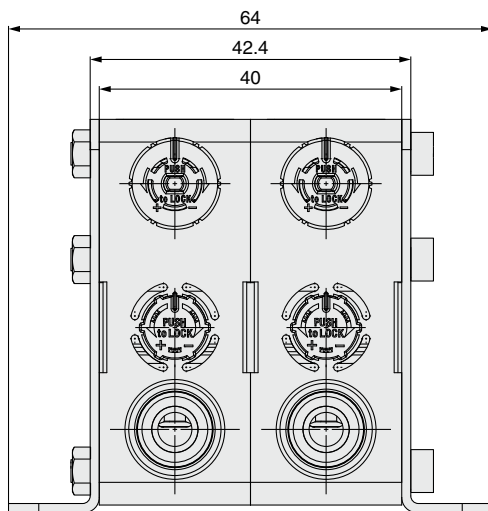
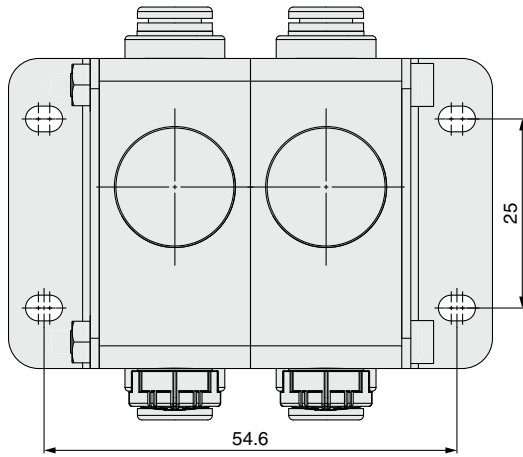
## Target Cylinder Area

Bore size	ø10 to ø40
Stroke	From 150 mm

## Specifications

Fluid	Air	
Max. operating pressure	0.7 MPa	
Min. operating pressure	0.3 MPa	
Ambient and fluid temperatures	0 to 60°C	
Port size	ø6	
Flow rate characteristics (Sonic conductance)	Before deceleration	1.5 dm <sup>3</sup> /(s-bar)
	After deceleration	0.2 dm <sup>3</sup> /(s-bar)

## Dimensions



**⚠ Safety Instructions** Be sure to read the "Handling Precautions for SMC Products" (M-E03-3) and "Operation Manual" before use.

## SMC Corporation

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