

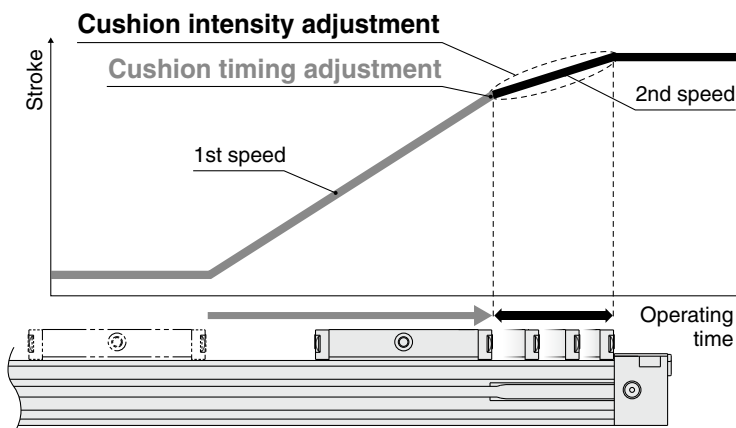
Deceleration Controller

RoHS

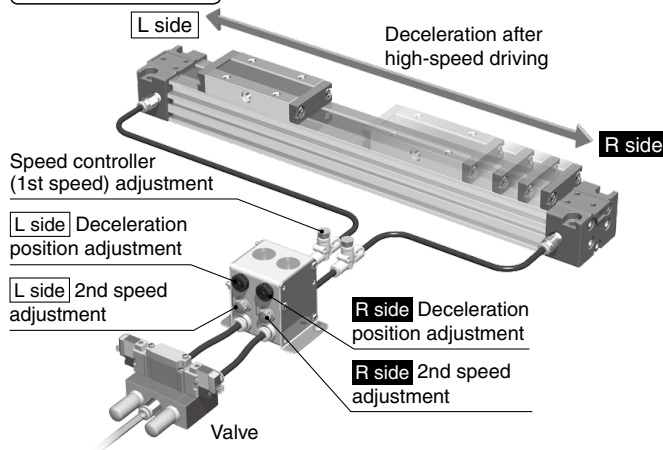
- 2-speed control reduces cycle time
- Allows for the impact relaxation of the stroke end

■ Allows for the 2-speed control of cylinders

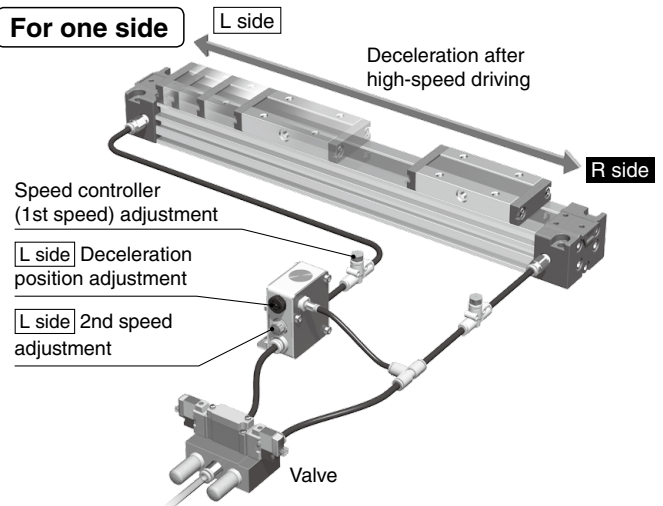
The deceleration position (cushion timing) and
2nd speed (cushion intensity) can be adjusted.



For both sides



For one side



- Provides impact relaxation in cases where it is difficult to install a shock absorber, etc.
- No fluctuation effect on the supply pressure
- Can be easily introduced to existing equipment due to installation between the valve and cylinder

DAS-X946

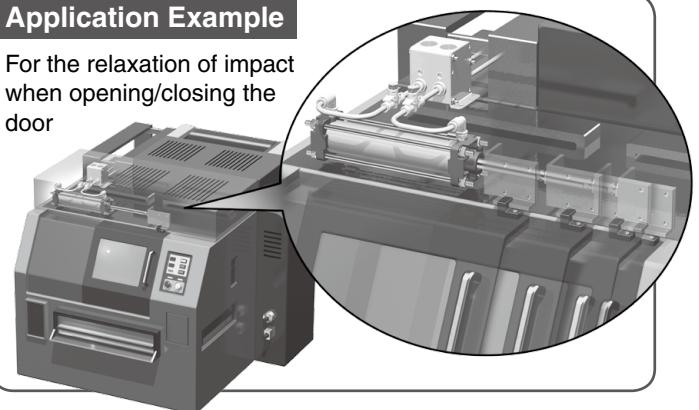
One side
(Right side)

Unit

Deceleration
position adjustment
(Black)2nd speed
adjustment
(Gray)Applicable tubing O.D.: $\phi 6$

Application Example

For the relaxation of impact
when opening/closing the
door



20-E747 A

DAS-X946

Target Cylinder Area

Bore size	ø10 to ø40
Stroke	From 150 mm

Flow Rate Characteristics

Bore size		ø4	ø6	ø8
C values: Sonic conductance dm ³ /(s·bar)	Before deceleration	0.7	1.5	2.0
	After deceleration	0.2		

Specifications

Fluid	Air
Max. operating pressure	0.7 MPa
Min. operating pressure	0.3 MPa
Ambient and fluid temperatures	0 to 60°C
Applicable tubing material	Nylon, Soft nylon, Polyurethane, FEP, PFA

How to Order

DAS5 - **06** - X946

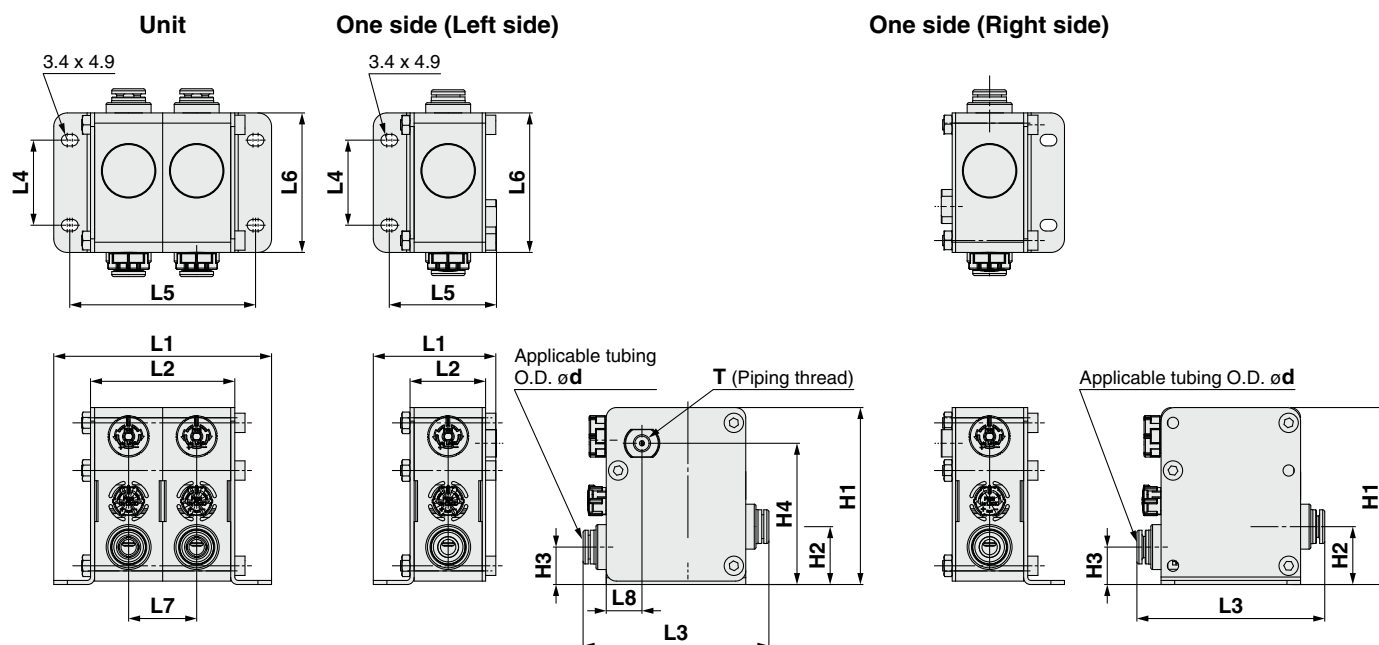
Specifications

L	One side (Left side)
R	One side (Right side)
Nil	Unit

Applicable tubing O.D.

04	ø4
06	ø6
08	ø8

Dimensions



For both sides

Model	d	H1	H2	H3	L1	L2	L3	L4	L5	L6	L7	Weight [g]
DAS5-04-X946	4	52	17	11	64	42.4	54.4	25	54.6	41	20	134
DAS5-06-X946	6						55.2					140
DAS5-08-X946	8						77.6					162

For one side (L/R)

Model	d	H1	H2	H3	H4	L1	L2	L3	L4	L5	L6	L8	T	Weight [g]					
DAS5L-04-X946	4	52	17	11	41.5	36	22.2	54.4	25	31.5	41	10.5	M5 x 0.5	86					
DAS5R-04-X946												13.5							
DAS5L-06-X946	6															55.2		10.5	89
DAS5R-06-X946																13.5			
DAS5L-08-X946	8															77.6		10.5	100
DAS5R-08-X946																	13.5		

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

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