



Automation - Controls - Process

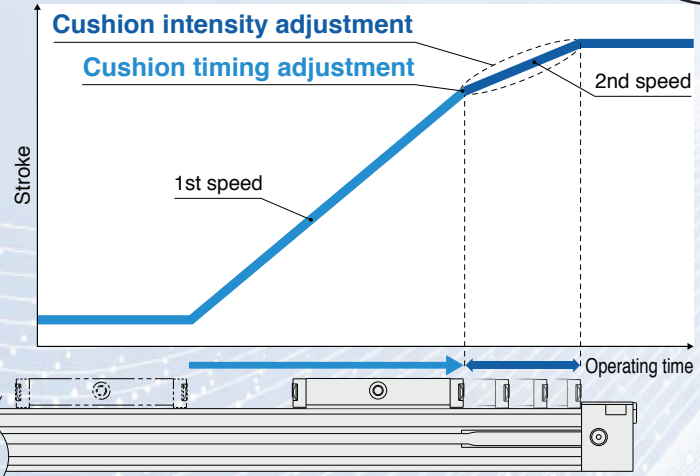
Deceleration Controller

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

New
RoHS

Allows for the 2-speed control of cylinders

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



Possible to control flow rate values using an adjustment handle with graduations

Reduction of work-hours

Reduction of incorrect setting

Adjustment handle with graduations

Deceleration position adjustment (Light blue)

(Timing knob)

2nd speed adjustment (Gray)

(2nd speed knob)

For single-end (Left side)

For single-end (Right side)

For double-end (Unit)



Space saving

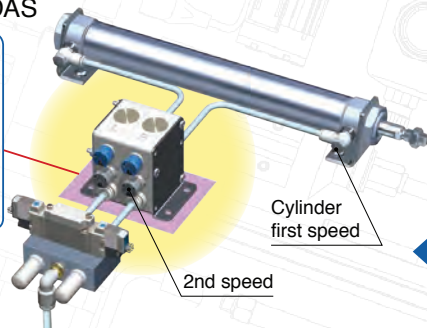
Maximum 76% reduction of occupying space • 196 cm³ b 811 cm³

• Example of a circuit when performing two-speed control using DAS

• Example of a circuit when performing two-speed control without using DAS

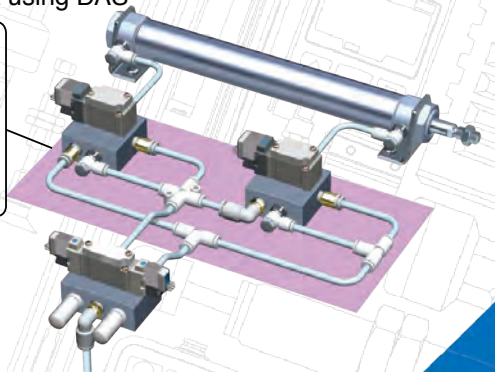
Occupying space 196 cm³

DAS on both sides...1 pc.



Occupying space 811 cm³

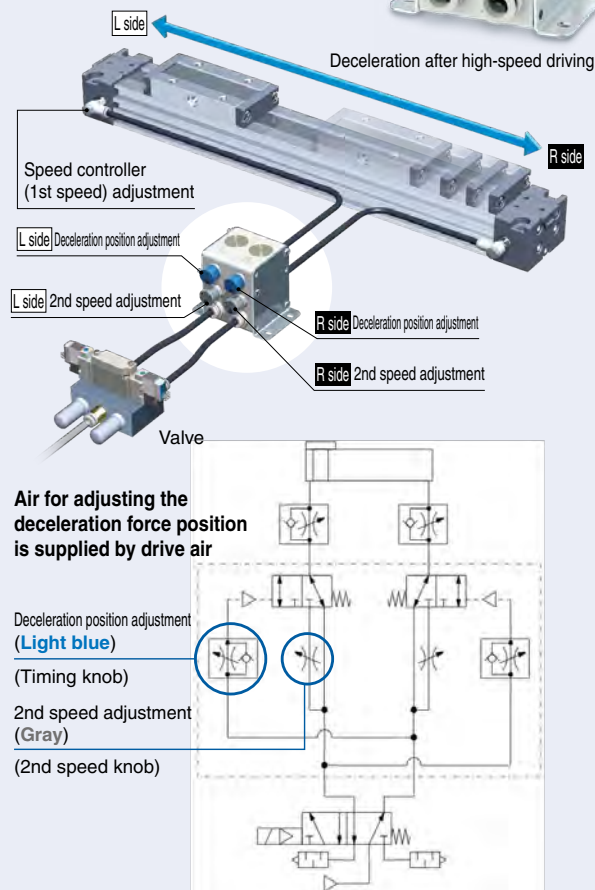
- 3-port solenoid valve2 pcs.
- Fittings.....9 pcs.
- Speed controller...2 pcs.



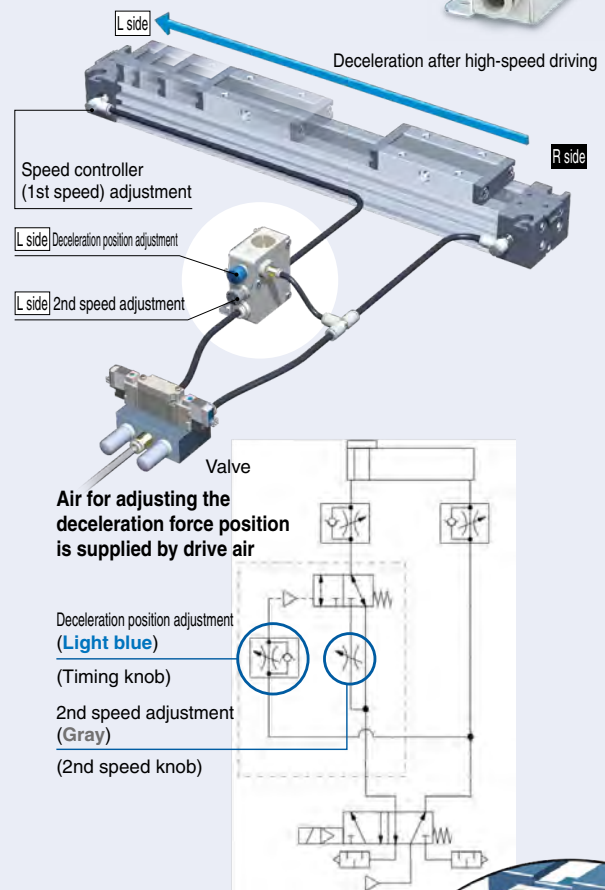
DAS Series

Piping Example

For double-end



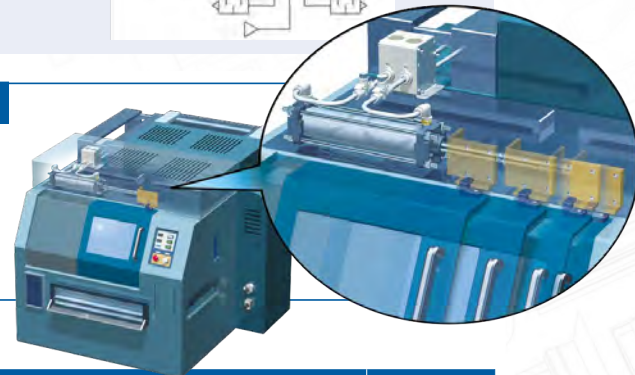
For single-end





- 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

Application Example

For the relaxation of impact when opening/closing the door



Variations

| Mounting | Body size | Applicable tubing O.D. | | | | | | | | | | Bore size |
|----------------------------------------------------------------------------------------------------------------|-----------|------------------------|---|---|----|----|-----------|------|-------|------|------|------------|
| | | Metric size | | | | | Inch size | | | | | |
| | | 4 | 6 | 8 | 10 | 12 | 5/32" | 1/4" | 5/16" | 3/8" | 1/2" | |
|  Double-end | 5 | ● | ● | ● | | | ● | ● | ● | | | ø10 to ø40 |
| | 7 | | | ● | ● | ● | | | ● | ● | ● | |
|  Left side Right side | 5 | ● | ● | ● | | | ● | ● | ● | | | ø10 to ø40 |
| | 7 | | | ● | ● | ● | | | ● | ● | ● | Up to ø100 |

