# Mechanically Jointed Rodless Cylinder
## Basic Type
# 25A-MY1B Series
## ø16, ø20, ø25, ø32, ø40, ø50, ø63

RoHS



## How to Order

ø16, ø20, ø50, ø63: **25A-MY1B 20 □ □ - 300 □ - M9BW □**

ø25, ø32, ø40: **25A-MY1B 25 □ □ - 300 □ Z - M9BW □**

**Series compatible with secondary batteries**

**Basic type**

**Bore size**

| | |
|---|---|
| 16 | 16 mm |
| 20 | 20 mm |
| 25 | 25 mm |
| 32 | 32 mm |
| 40 | 40 mm |
| 50 | 50 mm |
| 63 | 63 mm |

**Number of auto switches**

| | |
|---|---|
| Nil | 2 |
| S | 1 |
| n | n |

**Auto switch**

| | |
|---|---|
| Nil | Without auto switch (Built-in magnet) |

* Applicable auto switches vary depending on the bore size.
* Refer to the **Web Catalog** for details on applicable auto switch models.

**Port thread type**

| Symbol | Type | Bore size |
|---|---|---|
| Nil | M5 | ø16, ø20 |
| | Rc | ø25, ø32, ø40 ø50, ø63 |
| TN | NPT | |
| TF | G | |

**Piping**

| | |
|---|---|
| Nil | Standard type |
| G | Centralized piping type |

**Cylinder stroke [mm]**

| Bore size | Standard stroke* | Long stroke | Maximum manufacturable stroke |
|---|---|---|---|
| 16 | 100, 200, 300, 400, 500, 600 700, 800, 900, 1000, 1200 1400, 1600, 1800, 2000 | Strokes of 2001 to 3000 mm (1 mm increments) exceeding the standard stroke | 3000 |
| 20, 25, 32 40, 50, 63 | * The stroke can be manufactured in 1 mm increments from 1 mm stroke. | Strokes of 2001 to 5000 mm (1 mm increments) exceeding the standard stroke | 5000 |

Ordering example
* Long stroke can be ordered the same as the standard stroke. 25A-MY1B20-3000L-M9BW
* Please be advised that with a stroke of 49 mm or less, there are cases where auto switch mounting is not possible, and the performance of the air cushion may decline.

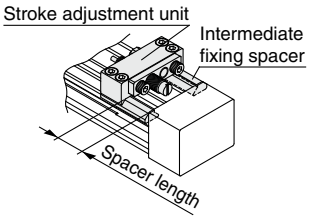
**For ø16 to ø40**

**Stroke adjustment unit symbol**

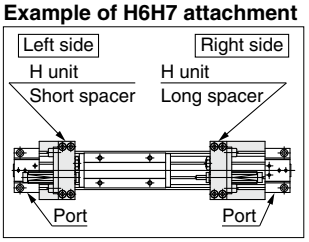
| Left side stroke adjustment unit | Right side stroke adjustment unit: Without unit | A: With adjustment bolt | A: With short spacer | A: With long spacer | L: With low load shock absorber + Adjustment bolt | L: With short spacer | L: With long spacer | H: With high load shock absorber + Adjustment bolt | H: With short spacer | H: With long spacer |
|---|---|---|---|---|---|---|---|---|---|---|
| Without unit | Nil | SA | SA6 | SA7 | SL | SL6 | SL7 | SH | SH6 | SH7 |
| A: With adjustment bolt | AS | A | AA6 | AA7 | AL | AL6 | AL7 | AH | AH6 | AH7 |
| A: With adjustment bolt, With short spacer | A6S | A6A | A6 | A6A7 | A6L | A6L6 | A6L7 | A6H | A6H6 | A6H7 |
| A: With adjustment bolt, With long spacer | A7S | A7A | A7A6 | A7 | A7L | A7L6 | A7L7 | A7H | A7H6 | A7H7 |
| L: With low load shock absorber + Adjustment bolt | LS | LA | LA6 | LA7 | L | LL6 | LL7 | LH | LH6 | LH7 |
| L: With low load shock absorber + Adjustment bolt, With short spacer | L6S | L6A | L6A6 | L6A7 | L6L | L6 | L6L7 | L6H | L6H6 | L6H7 |
| L: With low load shock absorber + Adjustment bolt, With long spacer | L7S | L7A | L7A6 | L7A7 | L7L | L7L6 | L7 | L7H | L7H6 | L7H7 |
| H: With high load shock absorber + Adjustment bolt | HS | HA | HA6 | HA7 | HL | HL6 | HL7 | H | HH6 | HH7 |
| H: With high load shock absorber + Adjustment bolt, With short spacer | H6S | H6A | H6A6 | H6A7 | H6L | H6L6 | H6L7 | H6H | H6 | H6H7 |
| H: With high load shock absorber + Adjustment bolt, With long spacer | H7S | H7A | H7A6 | H7A7 | H7L | H7L6 | H7L7 | H7H | H7H6 | H7 |

* Spacers are used to fix the stroke adjustment unit at an intermediate stroke position.
* The 25A-MY1B50 and 63 are not available with the stroke adjustment unit.
* The stroke adjustment unit H unit is not available for the 25A-MY1B16.

**Stroke adjustment unit mounting diagram**




**Example of H6H7 attachment**




* The 25A- series specifications and dimensions are the same as those of the standard model. **For details, refer to the Web Catalog.**



SMC

# Mechanically Jointed Rodless Cylinder
## Slide Bearing Guide Type
# 25A-MY1M Series
## ø16, ø20, ø25, ø32, ø40, ø50, ø63

RoHS



## How to Order

**25A – MY1M 20 □ G – 300 □ – M9BW □**

**Series compatible with secondary batteries**

**Slide bearing guide type**

**Bore size**

| | |
|---|---|
| **16** | 16 mm |
| **20** | 20 mm |
| **25** | 25 mm |
| **32** | 32 mm |
| **40** | 40 mm |
| **50** | 50 mm |
| **63** | 63 mm |

**Port thread type**

| Symbol | Type | Bore size |
|---|---|---|
| **Nil** | M thread | ø16, ø20 |
| | Rc | ø25, ø32, |
| **TN** | NPT | ø40, ø50, |
| **TF** | G | ø63 |

**Piping**

| | |
|---|---|
| **Nil** | Standard type |
| **G** | Centralized piping type |

**Cylinder stroke [mm]**

| Bore size | Standard stroke* | Long stroke | Maximum manufacturable stroke |
|---|---|---|---|
| **16** | 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1400 1600, 1800, 2000 * The stroke can be manufactured in 1 mm increments from 1 mm stroke. | Strokes of 2001 to 3000 mm (1 mm increments) exceeding the standard stroke | 3000 |
| **20, 25 32, 40 50, 63** | | Strokes of 2001 to 5000 mm (1 mm increments) exceeding the standard stroke | 5000 |

Ordering example
* Long stroke can be ordered the same as the standard stroke.
  25A-MY1M20-3000L-M9BW
* Please be advised that with a stroke of 49 mm or less, there are cases where auto switch mounting is not possible, and the performance of the air cushion may decline.

**Number of auto switches**

| | |
|---|---|
| **Nil** | 2 |
| **S** | 1 |
| **n** | n |

**Auto switch**

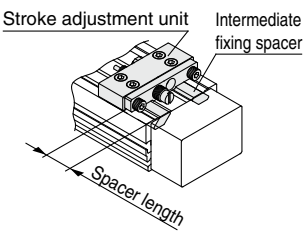
| | |
|---|---|
| **Nil** | Without auto switch (Built-in magnet) |

* Refer to the **Web Catalog** for details on applicable auto switch models.

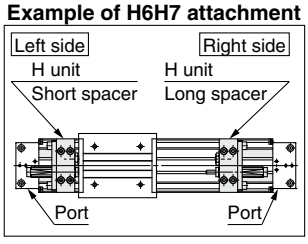
**Stroke adjustment unit symbol**

| Left side stroke adjustment unit | | Right side stroke adjustment unit: Without unit | A: With adjustment bolt | | | L: With low load shock absorber + Adjustment bolt | | | H: With high load shock absorber + Adjustment bolt | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | With short spacer | With long spacer | | With short spacer | With long spacer | | With short spacer | With long spacer |
| **Without unit** | | **Nil** | **SA** | **SA6** | **SA7** | **SL** | **SL6** | **SL7** | **SH** | **SH6** | **SH7** |
| **A: With adjustment bolt** | | **AS** | **A** | **AA6** | **AA7** | **AL** | **AL6** | **AL7** | **AH** | **AH6** | **AH7** |
| | **With short spacer** | **A6S** | **A6A** | **A6** | **A6A7** | **A6L** | **A6L6** | **A6L7** | **A6H** | **A6H6** | **A6H7** |
| | **With long spacer** | **A7S** | **A7A** | **A7A6** | **A7** | **A7L** | **A7L6** | **A7L7** | **A7H** | **A7H6** | **A7H7** |
| **L: With low load shock absorber + Adjustment bolt** | | **LS** | **LA** | **LA6** | **LA7** | **L** | **LL6** | **LL7** | **LH** | **LH6** | **LH7** |
| | **With short spacer** | **L6S** | **L6A** | **L6A6** | **L6A7** | **L6L** | **L6** | **L6L7** | **L6H** | **L6H6** | **L6H7** |
| | **With long spacer** | **L7S** | **L7A** | **L7A6** | **L7A7** | **L7L** | **L7L6** | **L7** | **L7H** | **L7H6** | **L7H7** |
| **H: With high load shock absorber + Adjustment bolt** | | **HS** | **HA** | **HA6** | **HA7** | **HL** | **HL6** | **HL7** | **H** | **HH6** | **HH7** |
| | **With short spacer** | **H6S** | **H6A** | **H6A6** | **H6A7** | **H6L** | **H6L6** | **H6L7** | **H6H** | **H6** | **H6H7** |
| | **With long spacer** | **H7S** | **H7A** | **H7A6** | **H7A7** | **H7L** | **H7L6** | **H7L7** | **H7H** | **H7H6** | **H7** |

**Stroke adjustment unit mounting diagram**




**Example of H6H7 attachment**




* Spacers are used to fix the stroke adjustment unit at an intermediate stroke position.
* Stroke adjustment unit H is not available for 25A-MY1M16.
* The 25A- series specifications and dimensions are the same as those of the standard model.

**For details, refer to the Web Catalog.**

# Mechanically Jointed Rodless Cylinder
# Cam Follower Guide Type
# 25A-MY1C Series
## ø16, ø20, ø25, ø32, ø40, ø50, ø63

RoHS



## How to Order

**25A-MY1C 25 □ □ - 300 □ - M9BW □ - □**

**Series compatible with secondary batteries**

**Cam follower guide type**

**Bore size**

| | |
|---|---|
| **16** | 16 mm |
| **20** | 20 mm |
| **25** | 25 mm |
| **32** | 32 mm |
| **40** | 40 mm |
| **50** | 50 mm |
| **63** | 63 mm |

**Port thread type**

| Symbol | Type | Bore size |
|---|---|---|
| **Nil** | M thread | ø16, ø20 |
| | Rc | ø25, ø32, |
| **TN** | NPT | ø40, ø50, |
| **TF** | G | ø63 |

**Piping**

| | |
|---|---|
| **Nil** | Standard type |
| **G** | Centralized piping type |

**Cylinder stroke [mm]**

| Bore size | Standard stroke* | Long stroke | Maximum manufacturable stroke |
|---|---|---|---|
| **16** | 100, 200, 300, 400, 500, 600 700, 800, 900, 1000, 1200 1400, 1600, 1800, 2000 | Strokes of 2001 to 3000 mm (1 mm increments) exceeding the standard stroke | 3000 |
| **20, 25, 32 40, 50, 63** | * The stroke can be manufactured in 1 mm increments from 1 mm stroke. | Strokes of 2001 to 5000 mm (1 mm increments) exceeding the standard stroke | 5000 |

Ordering example
* Long stroke can be ordered the same as the standard stroke. 25A-MY1C20-3000L-M9BW
* Please be advised that with a stroke of 49 mm or less, there are cases where auto switch mounting is not possible, and the performance of the air cushion may decline.

**Auto switch**

| | |
|---|---|
| **Nil** | Without auto switch (Built-in magnet) |

* Refer to the **Web Catalog** for details on applicable auto switch models.

**Number of auto switches**

| | |
|---|---|
| **Nil** | 2 |
| **S** | 1 |
| **n** | n |

**Made to order**

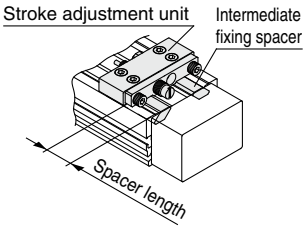
| Symbol | Specifications |
|---|---|
| **-XC56** | With knock pin hole |

**Stroke adjustment unit symbol**

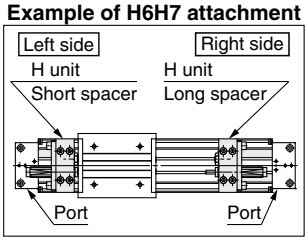
| Left side stroke adjustment unit | Right side stroke adjustment unit: Without unit | A: With adjustment bolt | A: With adjustment bolt, With short spacer | A: With adjustment bolt, With long spacer | L: With low load shock absorber + Adjustment bolt | L: With low load shock absorber + Adjustment bolt, With short spacer | L: With low load shock absorber + Adjustment bolt, With long spacer | H: With high load shock absorber + Adjustment bolt | H: With high load shock absorber + Adjustment bolt, With short spacer | H: With high load shock absorber + Adjustment bolt, With long spacer |
|---|---|---|---|---|---|---|---|---|---|---|
| Without unit | **Nil** | **SA** | **SA6** | **SA7** | **SL** | **SL6** | **SL7** | **SH** | **SH6** | **SH7** |
| A: With adjustment bolt | **AS** | **A** | **AA6** | **AA7** | **AL** | **AL6** | **AL7** | **AH** | **AH6** | **AH7** |
| A: With adjustment bolt, With short spacer | **A6S** | **A6A** | **A6** | **A6A7** | **A6L** | **A6L6** | **A6L7** | **A6H** | **A6H6** | **A6H7** |
| A: With adjustment bolt, With long spacer | **A7S** | **A7A** | **A7A6** | **A7** | **A7L** | **A7L6** | **A7L7** | **A7H** | **A7H6** | **A7H7** |
| L: With low load shock absorber + Adjustment bolt | **LS** | **LA** | **LA6** | **LA7** | **L** | **LL6** | **LL7** | **LH** | **LH6** | **LH7** |
| L: With low load shock absorber + Adjustment bolt, With short spacer | **L6S** | **L6A** | **L6A6** | **L6A7** | **L6L** | **L6** | **L6L7** | **L6H** | **L6H6** | **L6H7** |
| L: With low load shock absorber + Adjustment bolt, With long spacer | **L7S** | **L7A** | **L7A6** | **L7A7** | **L7L** | **L7L6** | **L7** | **L7H** | **L7H6** | **L7H7** |
| H: With high load shock absorber + Adjustment bolt | **HS** | **HA** | **HA6** | **HA7** | **HL** | **HL6** | **HL7** | **H** | **HH6** | **HH7** |
| H: With high load shock absorber + Adjustment bolt, With short spacer | **H6S** | **H6A** | **H6A6** | **H6A7** | **H6L** | **H6L6** | **H6L7** | **H6H** | **H6** | **H6H7** |
| H: With high load shock absorber + Adjustment bolt, With long spacer | **H7S** | **H7A** | **H7A6** | **H7A7** | **H7L** | **H7L6** | **H7L7** | **H7H** | **H7H6** | **H7** |

* Spacers are used to fix the stroke adjustment unit at an intermediate stroke position.
* Stroke adjustment unit H is not available for 25A-MY1C16.

**Stroke adjustment unit mounting diagram**




**Example of H6H7 attachment**




* The 25A- series specifications and dimensions are the same as those of the standard model. **For details, refer to the Web Catalog.**

# Mechanically Jointed Rodless Cylinder
# Linear Guide Type
# 25A-MY1H Series
## ø16, ø20, ø25, ø32, ø40

RoHS



## How to Order

ø16, ø20: **25A-MY1H20 □□-300□-M9BW□**

ø25, ø32, ø40: **25A-MY1H25 □□-300□Z-M9BW□**

- **Series compatible with secondary batteries**: 25A
- **Linear guide type**: MY1H
- **Bore size**

| | |
|---|---|
| 16 | 16 mm |
| 20 | 20 mm |
| 25 | 25 mm |
| 32 | 32 mm |
| 40 | 40 mm |

- **Port thread type**

| Symbol | Type | Bore size |
|---|---|---|
| Nil | M thread | ø16, ø20 |
| | Rc | ø25, ø32, ø40 |
| TN | NPT | |
| TF | G | |

- **Piping**

| | |
|---|---|
| Nil | Standard type |
| G | Centralized piping type |

- **Cylinder stroke [mm]**

| Bore size | Standard stroke | Intermediate stroke | Long stroke | Maximum manufacturable stroke |
|---|---|---|---|---|
| 16, 20 | 50, 100, 150 200, 250, 300 350, 400, 450 500, 550, 600 | Strokes of 51 to 599 mm (1 mm increments) other than standard strokes | Strokes of 601 to 1000 mm (1 mm increments) exceeding the standard stroke | 1000 |
| 25, 32, 40 | | | Strokes of 601 to 1500 mm (1 mm increments) exceeding the standard stroke | 1500 |

Ordering example
* Intermediate stroke can be ordered the same as the standard stroke. 25A-MY1H20-60-M9BW
* Long stroke can be ordered the same as the standard stroke. 25A-MY1H20-800L-M9BW

- **Number of auto switches**

| | |
|---|---|
| Nil | 2 |
| S | 1 |
| n | n |

- **Auto switch**

| | |
|---|---|
| Nil | Without auto switch (Built-in magnet) |

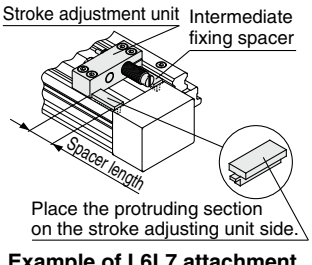
* Refer to the **Web Catalog** for details on applicable auto switch models.

- **Stroke adjustment unit symbol**

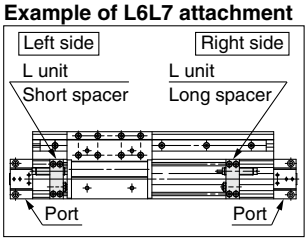
| Left side stroke adjustment unit | Right side stroke adjustment unit: Without unit | A: With adjustment bolt | A: With adjustment bolt + With short spacer | A: With adjustment bolt + With long spacer | L: With low load shock absorber + Adjustment bolt | L: With low load shock absorber + Adjustment bolt + With short spacer | L: With low load shock absorber + Adjustment bolt + With long spacer | H: With high load shock absorber + Adjustment bolt | H: With high load shock absorber + Adjustment bolt + With short spacer | H: With high load shock absorber + Adjustment bolt + With long spacer |
|---|---|---|---|---|---|---|---|---|---|---|
| Without unit | Nil | SA | SA6 | SA7 | SL | SL6 | SL7 | SH | SH6 | SH7 |
| A: With adjustment bolt | AS | A | AA6 | AA7 | AL | AL6 | AL7 | AH | AH6 | AH7 |
| A: With adjustment bolt + With short spacer | A6S | A6A | A6 | A6A7 | A6L | A6L6 | A6L7 | A6H | A6H6 | A6H7 |
| A: With adjustment bolt + With long spacer | A7S | A7A | A7A6 | A7 | A7L | A7L6 | A7L7 | A7H | A7H6 | A7H7 |
| L: With low load shock absorber + Adjustment bolt | LS | LA | LA6 | LA7 | L | LL6 | LL7 | LH | LH6 | LH7 |
| L: With low load shock absorber + Adjustment bolt + With short spacer | L6S | L6A | L6A6 | L6A7 | L6L | L6 | L6L7 | L6H | L6H6 | L6H7 |
| L: With low load shock absorber + Adjustment bolt + With long spacer | L7S | L7A | L7A6 | L7A7 | L7L | L7L6 | L7 | L7H | L7H6 | L7H7 |
| H: With high load shock absorber + Adjustment bolt | HS | HA | HA6 | HA7 | HL | HL6 | HL7 | H | HH6 | HH7 |
| H: With high load shock absorber + Adjustment bolt + With short spacer | H6S | H6A | H6A6 | H6A7 | H6L | H6L6 | H6L7 | H6H | H6 | H6H7 |
| H: With high load shock absorber + Adjustment bolt + With long spacer | H7S | H7A | H7A6 | H7A7 | H7L | H7L6 | H7L7 | H7H | H7H6 | H7 |

* Spacers are used to fix the stroke adjustment unit at an intermediate stroke position.
* H: With high load shock absorber + Adjustment bolt is not available for 25A-MY1H16.

**Stroke adjustment unit mounting diagram**




**Example of L6L7 attachment**




* The 25A- series specifications and dimensions are the same as those of the standard model.

**For details, refer to the Web Catalog.**

# Mechanically Jointed Rodless Cylinder
## Cam Follower Guide Type
# 25A-MY2C Series
## ø16, ø25, ø40

RoHS



## How to Order

**25A – MY2 C 16 ☐ G – 300 ☐ – M9BW ☐**

**Series compatible with secondary batteries**

**Cam follower guide type**

**Bore size**

| | |
|---|---|
| **16** | 16 mm |
| **25** | 25 mm |
| **40** | 40 mm |

**Port thread type**

| Symbol | Type | Bore size |
|---|---|---|
| **Nil** | M thread | ø16 |
| | Rc | ø25, ø40 |
| **TN** | NPT | |
| **TF** | G | |

**Piping**

| | |
|---|---|
| **G** | Centralized piping type (Standard) |

**Cylinder stroke [mm]**

| Bore size [mm] | Standard stroke [mm]*1 | Max. manufacturable stroke [mm] |
|---|---|---|
| **16** | 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1400, 1600, 1800, 2000 | 3000 |
| **25, 40** | | 5000 |

*1 Strokes are manufacturable in 1 mm increments, up to the maximum stroke. However, please be advised that with a stroke of 49 mm or less, there are cases where auto switch mounting is not possible, and the performance of the air cushion may decline.

* Long stroke can be ordered the same as the standard stroke.
**25A-MY2C25G-3000L-M9BW**

**Stroke adjustment unit symbol**

| | | Right side stroke adjustment unit | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Without unit | L: With low load shock absorber | | | H: With high load shock absorber | | |
| | | | | With short spacer | With long spacer | | With short spacer | With long spacer |
| Left side stroke adjustment unit | Without unit | Nil | SL | SL6 | SL7 | SH | SH6 | SH7 |
| | L: With low load shock absorber | LS | L | LL6 | LL7 | LH | LH6 | LH7 |
| | L: With low load shock absorber, With short spacer | L6S | L6L | L6 | L6L7 | L6H | L6H6 | L6H7 |
| | L: With low load shock absorber, With long spacer | L7S | L7L | L7L6 | L7 | L7H | L7H6 | L7H7 |
| | H: With high load shock absorber | HS | HL | HL6 | HL7 | H | HH6 | HH7 |
| | H: With high load shock absorber, With short spacer | H6S | H6L | H6L6 | H6L7 | H6H | H6 | H6H7 |
| | H: With high load shock absorber, With long spacer | H7S | H7L | H7L6 | H7L7 | H7H | H7H6 | H7 |

* Spacers are used to fix the stroke adjustment unit at an intermediate stroke position.

**Number of auto switches**

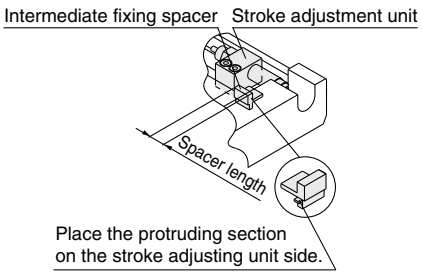
| | |
|---|---|
| **Nil** | 2 |
| **S** | 1 |
| **n** | n |

**Auto switch**

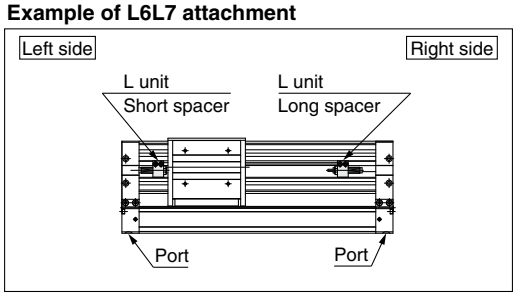
| | |
|---|---|
| **Nil** | Without auto switch (Built-in magnet) |

* Refer to the **Web Catalog** for details on applicable auto switch models.

**Stroke adjustment unit mounting diagram**




**Example of L6L7 attachment**




* The 25A- series specifications and dimensions are the same as those of the standard model.

**For details, refer to the Web Catalog.**

# Mechanically Jointed Rodless Cylinder
# Linear Guide Type
# 25A-MY2H/HT Series
## ø16, ø25, ø40

RoHS



## How to Order

**25A – MY2 H 16 ☐ G – 300 ☐ – M9BW ☐**

**Series compatible with secondary batteries**

**Guide type**

| | |
|---|---|
| **H** | Linear guide, Single axis |
| **HT** | Linear guide, Double axis |

**Bore size**

| | |
|---|---|
| **16** | 16 mm |
| **25** | 25 mm |
| **40** | 40 mm |

**Port thread type**

| Symbol | Type | Bore size |
|---|---|---|
| **Nil** | M thread | ø16 |
| | Rc | ø25, ø40 |
| **TN** | NPT | |
| **TF** | G | |

**Piping**

| | |
|---|---|
| **G** | Centralized piping type (Standard) |

**Cylinder stroke [mm]**

| Bore size [mm] | Standard stroke [mm]*1 | Max. manufacturable stroke [mm] |
|---|---|---|
| **16** | 50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600 | 1000 |
| **25, 40** | | 1500 |

*1 Strokes are manufacturable in 1 mm increments, up to the maximum stroke.

* Intermediate stroke can be ordered the same as the standard stroke.
  **25A-MY2H16G-80-M9BW**
* Long stroke can be ordered the same as the standard stroke.
  **25A-MY2H25G-800L-M9BW**

**Stroke adjustment unit symbol**

| | | Right side stroke adjustment unit | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Without unit | L: With low load shock absorber | | | H: With high load shock absorber | | |
| | | | | With short spacer | With long spacer | | With short spacer | With long spacer |
| Left side stroke adjustment unit | Without unit | **Nil** | **SL** | **SL6** | **SL7** | **SH** | **SH6** | **SH7** |
| | L: With low load shock absorber | **LS** | **L** | **LL6** | **LL7** | **LH** | **LH6** | **LH7** |
| | With short spacer | **L6S** | **L6L** | **L6** | **L6L7** | **L6H** | **L6H6** | **L6H7** |
| | With long spacer | **L7S** | **L7L** | **L7L6** | **L7** | **L7H** | **L7H6** | **L7H7** |
| | H: With high load shock absorber | **HS** | **HL** | **HL6** | **HL7** | **H** | **HH6** | **HH7** |
| | With short spacer | **H6S** | **H6L** | **H6L6** | **H6L7** | **H6H** | **H6** | **H6H7** |
| | With long spacer | **H7S** | **H7L** | **H7L6** | **H7L7** | **H7H** | **H7H6** | **H7** |

* Spacers are used to fix the stroke adjustment unit at an intermediate stroke position.

**Number of auto switches**

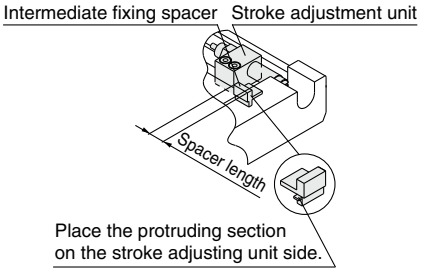
| | |
|---|---|
| **Nil** | 2 |
| **S** | 1 |
| **n** | n |

**Auto switch**

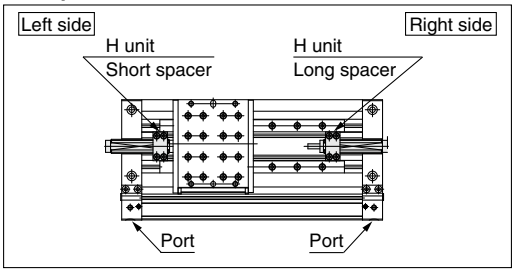
| | |
|---|---|
| **Nil** | Without auto switch (Built-in magnet) |

* Refer to the **Web Catalog** for details on applicable auto switch models.

**Stroke adjustment unit mounting diagram**




**Example of H6H7 attachment**




* The 25A- series specifications and dimensions are the same as those of the standard model.

**For details, refer to the Web Catalog.**

# Mechanically Jointed Rodless Cylinder/Basic Type

# 25A-MY3A/3B Series

## ø16, ø20, ø25, ø32, ø40, ø50, ø63

RoHS

## How to Order



MY3A MY3B

**25A – MY3 B 16 ☐ – 300 ☐ – M9BW ☐**

**Series compatible with secondary batteries**

**Type**

| | |
|---|---|
| **A** | Short type (Rubber bumper) |
| **B** | Standard type (Air cushion) |

**Cylinder bore size**

| | |
|---|---|
| **16** | 16 mm |
| **20** | 20 mm |
| **25** | 25 mm |
| **32** | 32 mm |
| **40** | 40 mm |
| **50** | 50 mm |
| **63** | 63 mm |

**Port thread type**

| Symbol | Type | Bore size |
|---|---|---|
| **Nil** | M5 | ø16, ø20 |
| | Rc | ø25, ø32, ø40 ø50, ø63 |
| **TN** | NPT | |
| **TF** | G | |

**Cylinder stroke [mm]**

| Bore size | Standard stroke* | Long stroke | Maximum manufacturable stroke |
|---|---|---|---|
| **16, 20 25, 32 40, 50 63** | 100, 200, 300, 400, 500, 600 700, 800, 900, 1000, 1200 1400, 1600, 1800, 2000 * The stroke can be manufactured in 1 mm increments from 1 mm stroke. | Strokes of 2001 to 3000 mm (1 mm increments) exceeding the standard stroke | 3000 |

Ordering example

* Long stroke can be ordered the same as the standard stroke. 25A-MY3A25-3000L-M9BW
* Please be advised that with a stroke of 49 mm or less, there are cases where auto switch mounting is not possible, and the performance of the air cushion may decline.

**Number of auto switches**

| | |
|---|---|
| **Nil** | 2 |
| **S** | 1 |
| **n** | n |

**Auto switch**

| | |
|---|---|
| **Nil** | Without auto switch (Built-in magnet) |

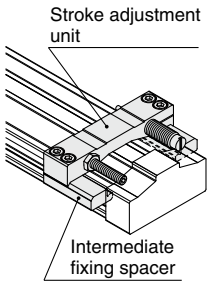
* Refer to the **Web Catalog** for details on applicable auto switch models.

**Stroke adjustment unit symbol**

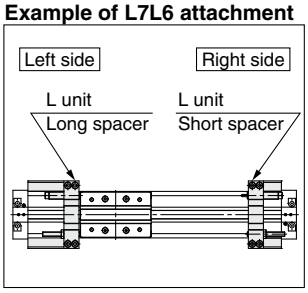
| | | | Right side stroke adjustment unit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Without unit | L: With low load shock absorber + Adjustment bolt | | | H: With high load shock absorber + Adjustment bolt | | |
| | | | | | With short spacer | With long spacer | | With short spacer | With long spacer |
| Left side stroke adjustment unit | Without unit | | **Nil** | **SL** | **SL6** | **SL7** | **SH** | **SH6** | **SH7** |
| | L: With low load shock absorber + Adjustment bolt | | **LS** | **L** | **LL6** | **LL7** | **LH** | **LH6** | **LH7** |
| | | With short spacer | **L6S** | **L6L** | **L6** | **L6L7** | **L6H** | **L6H6** | **L6H7** |
| | | With long spacer | **L7S** | **L7L** | **L7L6** | **L7** | **L7H** | **L7H6** | **L7H7** |
| | H: With high load shock absorber + Adjustment bolt | | **HS** | **HL** | **HL6** | **HL7** | **H** | **HH6** | **HH7** |
| | | With short spacer | **H6S** | **H6L** | **H6L6** | **H6L7** | **H6H** | **H6** | **H6H7** |
| | | With long spacer | **H7S** | **H7L** | **H7L6** | **H7L7** | **H7H** | **H7H6** | **H7** |

* Spacers are used to fix the stroke adjustment unit at an intermediate stroke position.

**Stroke adjustment unit mounting diagram**




**Example of L7L6 attachment**




* The 25A- series specifications and dimensions are the same as those of the standard model.

**For details, refer to the Web Catalog.**



SMC

# Mechanically Jointed Rodless Cylinder
## Slide Bearing Guide Type

RoHS

# 25A-MY3M Series
## ø16, ø25, ø40, ø63



## How to Order

**25A – MY3 M 16 ☐ – 300 ☐ – M9BW ☐**

**Series compatible with secondary batteries**

**Slide bearing guide type**

**Cylinder bore size**

| | |
|---|---|
| **16** | 16 mm |
| **25** | 25 mm |
| **40** | 40 mm |
| **63** | 63 mm |

**Port thread type**

| Symbol | Type | Bore size |
|---|---|---|
| **Nil** | M5 | ø16 |
| | Rc | ø25, ø40, ø63 |
| **TN** | NPT | |
| **TF** | G | |

**Cylinder stroke [mm]**

| Bore size | Standard stroke* | Long stroke | Maximum manufacturable stroke |
|---|---|---|---|
| **16, 25 40, 63** | 100, 200, 300, 400, 500, 600 700, 800, 900, 1000, 1200 1400, 1600, 1800, 2000<br>* The stroke can be manufactured in 1 mm increments from 1 mm stroke. | Strokes of 2001 to 3000 mm (1 mm increments) exceeding the standard stroke | 3000 |

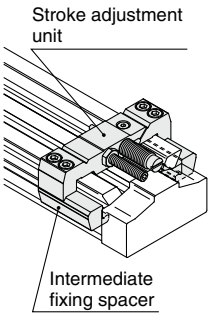
Ordering example
* Long stroke can be ordered the same as the standard stroke. 25A-MY3M25-3000L-M9BW
* Please be advised that with a stroke of 49 mm or less, there are cases where auto switch mounting is not possible, and the performance of the air cushion may decline.

**Stroke adjustment unit symbol**

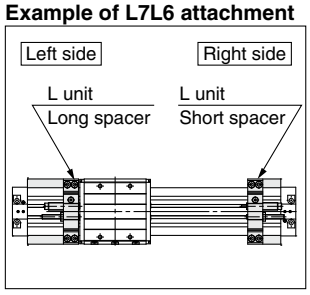
| | | | Right side stroke adjustment unit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Without unit | L: With low load shock absorber + Adjustment bolt | | | H: With high load shock absorber + Adjustment bolt | | |
| | | | | | With short spacer | With long spacer | | With short spacer | With long spacer |
| Left side stroke adjustment unit | Without unit | | Nil | SL | SL6 | SL7 | SH | SH6 | SH7 |
| | L: With low load shock absorber + Adjustment bolt | | LS | L | LL6 | LL7 | LH | LH6 | LH7 |
| | | With short spacer | L6S | L6L | L6 | L6L7 | L6H | L6H6 | L6H7 |
| | | With long spacer | L7S | L7L | L7L6 | L7 | L7H | L7H6 | L7H7 |
| | H: With high load shock absorber + Adjustment bolt | | HS | HL | HL6 | HL7 | H | HH6 | HH7 |
| | | With short spacer | H6S | H6L | H6L6 | H6L7 | H6H | H6 | H6H7 |
| | | With long spacer | H7S | H7L | H7L6 | H7L7 | H7H | H7H6 | H7 |

* Spacers are used to fix the stroke adjustment unit at an intermediate stroke position.

**Stroke adjustment unit mounting diagram**




**Example of L7L6 attachment**




* The 25A- series specifications and dimensions are the same as those of the standard model.

**For details, refer to the Web Catalog.**

# Magnetically Coupled Rodless Cylinder/Basic Type

# 25A-CY3B Series

## ø6, ø10, ø15, ø20, ø25, ø32, ø40, ø50, ø63

RoHS

## How to Order



**25A – CY3 B 25 □ – 300 Z**

- **25A**: Series compatible with secondary batteries
- **CY3B**: Basic type
- **25**: Bore size

| | |
|---|---|
| **6** | 6 mm |
| **10** | 10 mm |
| **15** | 15 mm |
| **20** | 20 mm |
| **25** | 25 mm |
| **32** | 32 mm |
| **40** | 40 mm |
| **50** | 50 mm |
| **63** | 63 mm |

- **□**: Port thread type

| Symbol | Type | Bore size |
|---|---|---|
| **Nil** | M thread | 6, 10, 15 |
| | Rc | 20, 25, 32, 40 50, 63 |
| **TN** | NPT | |
| **TF** | G | |

- **300**: Standard stroke [mm]
- **Z**

| Bore size | Standard stroke | Manufacturable stroke |
|---|---|---|
| **6** | 50, 100, 150, 200 | 20 to 300 |
| **10** | 50, 100, 150, 200, 250, 300 | 20 to 500 |
| **15** | 50, 100, 150, 200, 250, 300, 350 400, 450, 500 | 20 to 1000 |
| **20** | 100, 150, 200, 250, 300, 350 400, 450, 500, 600, 700, 800 | 25 to 1500 |
| **25** | | 25 to 2000 |
| **32, 40** | | |
| **50, 63** | 100, 150, 200, 250, 300, 350, 400 450, 500, 600, 700, 800, 900, 1000 | 40 to 2000 |

∗ Please contact SMC if the maximum stroke is exceeded.
∗ The longer the stroke, the larger the amount of deflection in a cylinder tube. Pay attention to the mounting bracket and clearance value.
∗ Intermediate stroke is available in 1 mm increments.

∗ The 25A- series specifications and dimensions are the same as those of the standard model.

**For details, refer to the Web Catalog.**

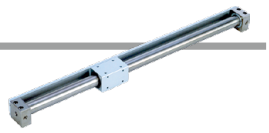
# Magnetically Coupled Rodless Cylinder/Direct Mount Type

# 25A-CY3R Series

## ø6, ø10, ø15, ø20, ø25, ø32, ø40, ø50, ø63

RoHS

## How to Order



**25A – CY3R □ 25 □ – 300 □ – M9BWL □**

**Series compatible with secondary batteries**

**Direct mount type**

**Piping type**

| | |
|---|---|
| **Nil** | Standard type |
| **G** | Centralized piping type |

∗ Type G (centralized piping) is not available for ø6.

**Bore size**

| | |
|---|---|
| **6** | 6 mm |
| **10** | 10 mm |
| **15** | 15 mm |
| **20** | 20 mm |
| **25** | 25 mm |
| **32** | 32 mm |
| **40** | 40 mm |
| **50** | 50 mm |
| **63** | 63 mm |

**Port thread type**

| Symbol | Type | Bore size |
|---|---|---|
| **Nil** | M thread | 6, 10, 15 |
| | Rc | 20, 25, 32, 40 50, 63 |
| **TN** | NPT | |
| **TF** | G | |

**Switch rail**

| | |
|---|---|
| **Nil** | With switch rail |
| **N** | Without switch rail |

∗ A type with switch rail has built-in auto switch magnets.
∗ ø15 has built-in auto switch magnets even without switch rail.
∗ Centralized piping type (G) is not available without switch rail (N).

**Auto switch**

| | | |
|---|---|---|
| **Nil** | ø6 to ø15 ø25 to ø63 | Without auto switch (Built-in magnet) |
| | ø20 | Without auto switch (Built-in magnet for reed switch) |
| **M** | | Without auto switch (Built-in magnet for solid state switch) |

∗ Refer to the **Web Catalog** for details on applicable auto switch models.

**Number of auto switches**

| | |
|---|---|
| **Nil** | 2 |
| **S** | 1 |
| **n** | n |

**Cylinder stroke [mm]**

| Bore size | Standard stroke | Max. stroke without switch | Max. stroke with switch |
|---|---|---|---|
| **6** | 50, 100, 150, 200 | 300 | 300 |
| **10** | 50, 100, 150, 200, 250, 300 | 500 | 500 |
| **15** | 50, 100, 150, 200, 250, 300 350, 400, 450, 500 | 1000 | 750 |
| **20** | 100, 150, 200, 250, 300, 350 400, 450, 500, 600, 700, 800 | 1500 | 1000 |
| **25** | | | 1200 |
| **32** | | 2000 | 1500 |
| **40, 50, 63** | 100, 150, 200, 250, 300, 350 400, 450, 500, 600, 700, 800 900, 1000 | | |

∗ The longer the stroke, the larger the amount of deflection in a cylinder tube. Pay attention to the mounting bracket and clearance value.
∗ Intermediate stroke is available in 1 mm increments.

∗ The 25A- series specifications and dimensions are the same as those of the standard model.

**For details, refer to the Web Catalog.**

# Compact Slide
# 25A-MXH2 Series
## ø6, ø10, ø16, ø20

RoHS



## How to Order

**25A – MXH2 B [10] – [60] – [M9BW] [ ]**

**Series compatible with secondary batteries**

**Compact slide**

**Bore size**

| | |
|---|---|
| **6** | 6 mm |
| **10** | 10 mm |
| **16** | 16 mm |
| **20** | 20 mm |

**Standard stroke (mm)**
Refer to "Standard Strokes" on the table below.

**Auto switch**

| | |
|---|---|
| **Nil** | Without auto switch (Built-in magnet) |

∗ Refer to the **Web Catalog** for details on applicable auto switch models.

**Number of auto switches**

| | |
|---|---|
| **Nil** | 2 pcs. |
| **S** | 1 pc. |

∗ The 25A- series specifications and dimensions are the same as those of the standard model.

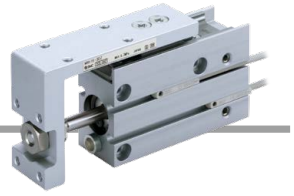
**For details, refer to the Web Catalog.**

## Standard Strokes

| Bore size [mm] | Standard stroke [mm] |
|---|---|
| **6** | 5, 10, 15, 20, 25, 30, 40, 50, 60 |
| **10** | 5, 10, 15, 20, 25, 30, 40, 50, 60, 75, 100 |
| **16** | 5, 10, 15, 20, 25, 30, 40, 50, 60, 75, 100, 125 |
| **20** | 5, 10, 15, 20, 25, 30, 40, 50, 60, 75, 100, 125, 150 |

# Compact Slide
# 25A-MXH Series
## ø6, ø10, ø16, ø20

RoHS



## How to Order

**25A – MXH 10 – 60 Z – M9BW**

**Series compatible with secondary batteries**

**Compact slide**

**Bore size**

| | |
|---|---|
| **6** | 6 mm |
| **10** | 10 mm |
| **16** | 16 mm |
| **20** | 20 mm |

**Cylinder stroke [mm]**

| | |
|---|---|
| **6, 10, 16, 20** | 5, 10, 15, 20, 25, 30, 40<br>50, 60 |

**Auto switch**

| | |
|---|---|
| **Nil** | Without auto switch (Built-in magnet) |

∗ Refer to the **Web Catalog** for details on applicable auto switch models.

**Number of auto switches**

| | |
|---|---|
| **Nil** | 2 |
| **S** | 1 |

∗ The 25A- series specifications and dimensions are the same as those of the standard model.

**For details, refer to the Web Catalog.**

# Air Slide Table

# 25A-MXS Series

## ø6, ø8, ø12, ø16, ø20, ø25

RoHS



## How to Order

**Air slide table** **25A-MXS** **16** □ □ **-** **50** **AS** **-** **M9BW** □ **-** □

**Series compatible with secondary batteries**

**Bore size (Standard stroke [mm])**

| | |
|---|---|
| **6** | 10, 20, 30, 40, 50 |
| **8** | 10, 20, 30, 40, 50, 75 |
| **12** | 10, 20, 30, 40, 50, 75, 100 |
| **16** | 10, 20, 30, 40, 50, 75, 100, 125 |
| **20** | 10, 20, 30, 40, 50, 75, 100, 125, 150 |
| **25** | 10, 20, 30, 40, 50, 75, 100, 125, 150 |

**Port thread type**

| | | |
|---|---|---|
| **Nil** | M thread | ø6 to ø16 |
| | Rc | ø20, ø25 |
| **TN** | NPT | |
| **TF** | G | |

**Symmetric type**

| | |
|---|---|
| **Nil** | Standard type |
| **L** | Symmetric type |

**Auto switch**

| | |
|---|---|
| **Nil** | Without auto switch (Built-in magnet) |

∗ Refer to the **Web Catalog** for details on applicable auto switch models.

**Number of auto switches**

| | |
|---|---|
| **Nil** | 2 |
| **S** | 1 |
| **n** | n |

**Made to Order**

| | |
|---|---|
| **Nil** | None |
| **-X2578** | Adjuster side mounting type∗1 |

∗1 The type with a shock absorber is only available for bore sizes ø8, ø12, and ø16.

**Adjuster option**

| | |
|---|---|
| **Nil** | Without adjuster |
| **AS** | Adjuster on extension end |
| **AT** | Adjuster on retraction end |
| **A** | Adjuster on both ends |
| **BS** | Absorber on extension end |
| **BT** | Absorber on retraction end |
| **B** | Absorber on both ends |
| **ASBT** | Adjuster on extension end + Absorber on retraction end |
| **BSAT** | Absorber on extension end + Adjuster on retraction end |

∗ With shock absorber is not available in the 25A-MXS6 series.

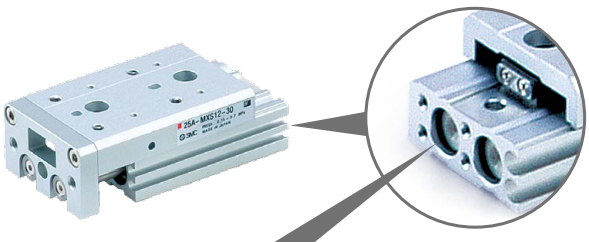
∗ When the adjuster option with shock absorber is used, metal-to-metal collisions occur, and may generate dust particles.

### Corrosion Resistant Air Slide Table

(Made to order: 25A-MXS□-X1949)

The material of the head cap part has been changed to a highly corrosion-resistant material.

Please contact your local sales representative for more details.



| | After change | Before change |
|---|---|---|
| **Head cap** | Aluminum | Synthetic resin |

∗ The 25A- series specifications and dimensions are the same as those of the standard model.

**For details, refer to the Web Catalog.**

# Air Slide Table
# Double-ported Type

RoHS

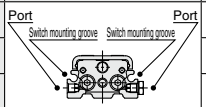
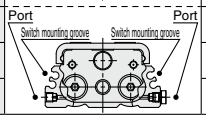
# 25A-MXQ□A Series
## ø6, ø8, ø12, ø16, ø20, ø25



## How to Order

**25A – MXQ 12 A – 30 ZA □ – M9BW □**

- 25A: Series compatible with secondary batteries
- ❶ Bore size
- ❷ Body option: Double-ported type (A)
- ❸ Standard stroke [mm]
- ❹ Adjuster options/Functional option combinations
- ❺ Functional options
- ❻ Auto switch
- ❼ Number of auto switches

| ❶ Bore size | ❷ Body option: Double-ported type A | ❸ Standard stroke [mm] |
|---|---|---|
| 6 |  | 10, 20, 30, 40, 50 |
| 8 | | 10, 20, 30, 40, 50, 75 |
| 12 | | 10, 20, 30, 40, 50, 75, 100 |
| 16 |  | 10, 20, 30, 40, 50, 75, 100, 125 |
| 20 | | 10, 20, 30, 40, 50, 75, 100, 125, 150 |
| 25 | | 10, 20, 30, 40, 50, 75, 100, 125, 150 |



### ❺ Functional options

| Symbol | Functional option |
|---|---|
| Nil | Without functional option |
| 1 | With buffer |
| 2 | With end lock |
| 3 | Axial piping |
| 4 | With buffer, end lock |
| 5 | With buffer, axial piping |

### ❼ Number of auto switches

| | |
|---|---|
| Nil | 2 |
| S | 1 |
| n | n |

### ❻ Auto switch

| | |
|---|---|
| Nil | Without auto switch (Built-in magnet) |

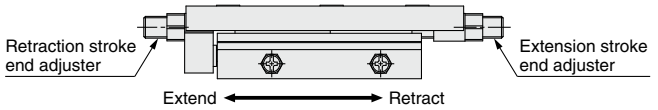
∗ Refer to the **Web Catalog** for details on applicable auto switch models.

### ❹ Adjuster options/Functional option combinations

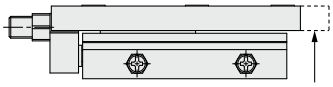
| Symbol | Adjuster type∗6 | | | Adjuster mounting position∗1: Extension stroke end | Adjuster mounting position∗1: Retraction stroke end | Functional option combination: Nil (Without functional option) | 1 (∗2∗7 With buffer) | 2 (With end lock) | 3 (∗5 Axial piping) | 4 (∗2∗7 With buffer, end lock) | 5 (∗2∗5∗7 With buffer, axial piping) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Z | Without adjuster | | | | | ○ | ○ | ○ | ○ | ○ | ○ |
| ZA | Metal stopper with bumper | | | ● | ● | ○ | × | × | ○ | × | × |
| ZB | | | | ● | | ○ | × | ○ | ○ | × | × |
| ZC | | | | | ● | ○ | × | × | ○ | × | × |
| ZD | Rubber stopper | | | ● | ● | ○ | × | × | ○ | × | × |
| ZE | | | | ● | | ○ | ○ | ○ | ○ | ○ | ○ |
| ZF | | | | | ● | ○ | × | × | ○ | × | × |
| ZG | Shock absorber/RJ | | | ● | ● | ○ | × | × | ○ | × | × |
| ZH | | | | ● | | ○ | × | ○ | ○ | × | × |
| ZJ | | | | | ● | ○ | × | × | ○ | × | × |
| ZK | Metal stopper | | | ● | ● | ○ | × | × | ○ | × | × |
| ZL | | | | ● | | ○ | ○ | ○ | ○ | ○ | ○ |
| ZM | | | | | ● | ○ | × | × | ○ | × | × |
| ZN | Shorter total length type∗3 | Retraction stroke end adjuster | Without adjuster | | | ○ | ○∗4 | × | ○ | × | ○∗4 |
| ZP | | | Rubber stopper | | ● | ○ | × | × | ○ | × | × |
| ZQ | | | Shock absorber/RJ | | ● | ○ | × | × | ○ | × | × |
| ZS | | | Metal stopper with bumper | | ● | ○ | × | × | ○ | × | × |
| ZT | | | Metal stopper | | ● | ○ | × | × | ○ | × | × |
| ZBF | Extension stroke end adjuster | Metal stopper with bumper | Rubber stopper | ● | ● | ○ | × | × | ○ | × | × |
| ZBJ | | | Shock absorber/RJ | ● | ● | ○ | × | × | ○ | × | × |
| ZBM | | | Metal stopper | ● | ● | ○ | × | × | ○ | × | × |
| ZEC | | Rubber stopper | Metal stopper with bumper | ● | ● | ○ | × | × | ○ | × | × |
| ZEJ | | | Shock absorber/RJ | ● | ● | ○ | × | × | ○ | × | × |
| ZEM | | | Metal stopper | ● | ● | ○ | × | × | ○ | × | × |
| ZHC | | Shock absorber/RJ | Metal stopper with bumper | ● | ● | ○ | × | × | ○ | × | × |
| ZHF | | | Rubber stopper | ● | ● | ○ | × | × | ○ | × | × |
| ZHM | | | Metal stopper | ● | ● | ○ | × | × | ○ | × | × |
| ZLC | | Metal stopper | Metal stopper with bumper | ● | ● | ○ | × | × | ○ | × | × |
| ZLF | | | Rubber stopper | ● | ● | ○ | × | × | ○ | × | × |
| ZLJ | | | Shock absorber/RJ | ● | ● | ○ | × | × | ○ | × | × |

∗1 ●: Shipped together with the product, but not assembled
Without any symbol for the adjuster mounting position: The adjuster can be mounted afterward.
∗2 For the buffer mechanism, the buffer stroke will be shorter for the stroke that is adjusted by the extension stroke end adjuster.
∗3 Extension stroke end adjuster mounting holes have been removed to reduce the total length of the table.
∗4 The shorter total length type can be used, but a retraction stroke end adjuster cannot be mounted afterward.
∗5 There is no piping port on the side surface of the product.
∗6 The metal stopper with bumper option is not available for ø6.
∗7 As there is no magnet in the buffer mechanism, auto switches cannot be used on the buffer part.

### Adjuster Mounting Position




**Shorter total length type**



Extension stroke end adjuster mounting holes have been removed to reduce the total length of the table.

∗ When the shock absorber, metal stopper with bumper, or adjuster option with metal stopper is used, metal-to-metal collisions occur, and may generate dust particles.
∗ When the buffer mechanism or the end lock mechanism functional options are used, dust particles may be generated by the buffer part as well as the end lock part.
∗ The 25A- series specifications and dimensions are the same as those of the standard model.

**For details, refer to the Web Catalog.**

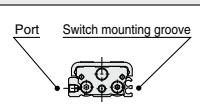
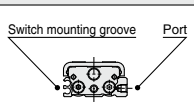
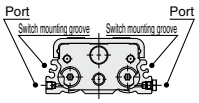
# Air Slide Table
# Low Thrust with High Rigidity Type RoHS
# 25A-MXQ□B Series
## ø6, ø8, ø12, ø16, ø20



## How to Order

**25A – MXQ 12 B – 30 ZA – M9BW □**

- 25A: Series compatible with secondary batteries
- ❶ Bore size
- ❷ Body option
- ❸ Standard stroke [mm]
- ❹ Adjuster options
- ❺ Auto switch
- ❻ Number of auto switches

| ❶ Bore size | ❷ Body option: Standard type B | ❷ Body option: Symmetric type BL | ❸ Standard stroke [mm] |
|---|---|---|---|
| 6 |   |   | 10, 20, 30, 40, 50, 75 |
| 8 | | | 10, 20, 30, 40, 50, 75, 100 |
| 12 | | | 10, 20, 30, 40, 50, 75, 100, 125 |
| 16 |   | —*1 | 10, 20, 30, 40, 50, 75, 100, 125, 150 |
| 20 | | | 10, 20, 30, 40, 50, 75, 100, 125, 150 |

*1 Not available, as the standard model has piping ports and auto switch mounting grooves on both sides. Please use the standard type.

### ❹ Adjuster options

| Symbol | Adjuster type*3 | | | Adjuster mounting position*1: Extension stroke end | Adjuster mounting position*1: Retraction stroke end |
|---|---|---|---|---|---|
| Z | Without adjuster | | | | |
| ZA | Metal stopper with bumper | | | ● | ● |
| ZB | | | | ● | |
| ZC | | | | | ● |
| ZD | Rubber stopper | | | ● | ● |
| ZE | | | | ● | |
| ZF | | | | | ● |
| ZG | Shock absorber/RJ | | | ● | ● |
| ZH | | | | ● | |
| ZJ | | | | | ● |
| ZK | Metal stopper | | | ● | ● |
| ZL | | | | ● | |
| ZM | | | | | ● |
| ZN | Shorter total length type*2 | | Without adjuster | | |
| ZP | | | Rubber stopper | | ● |
| ZQ | | | Shock absorber/RJ | | ● |
| ZS | | | Metal stopper with bumper | | ● |
| ZT | | | Metal stopper | | ● |
| ZBF | Extension stroke end adjuster | Metal stopper with bumper | Rubber stopper | ● | ● |
| ZBJ | | | Shock absorber/RJ | ● | ● |
| ZBM | | | Metal stopper | ● | ● |
| ZEC | | Rubber stopper | Metal stopper with bumper | ● | ● |
| ZEJ | | | Shock absorber/RJ | ● | ● |
| ZEM | | | Metal stopper | ● | ● |
| ZHC | | Shock absorber/RJ | Metal stopper with bumper | ● | ● |
| ZHF | | | Rubber stopper | ● | ● |
| ZHM | | | Metal stopper | ● | ● |
| ZLC | | Metal stopper | Metal stopper with bumper | ● | ● |
| ZLF | | | Rubber stopper | ● | ● |
| ZLJ | | | Shock absorber/RJ | ● | ● |

Retraction stroke end adjuster

### ❺ Auto switch

| | |
|---|---|
| Nil | Without auto switch (Built-in magnet) |

* Refer to the **Web Catalog** for details on applicable auto switch models.

### ❻ Number of auto switches

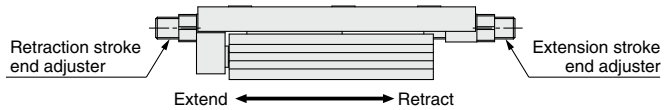
| | |
|---|---|
| Nil | 2 |
| S | 1 |
| n | n |

*1 ●: Shipped together with the product, but not assembled
Without any symbol for the adjuster mounting position: The adjuster can be mounted afterward.

*2 Extension stroke end adjuster mounting holes have been removed to reduce the total length of the table.

*3 The metal stopper with bumper option is not available for ø6.

### Adjuster Mounting Position




**Shorter total length type**



Extension stroke end adjuster mounting holes have been removed to reduce the total length of the table.

* When the shock absorber, metal stopper with bumper, or adjuster option with metal stopper is used, metal-to-metal collisions occur, and may generate dust particles.

* The 25A- series specifications and dimensions are the same as those of the standard model. **For details, refer to the Web Catalog.**

# Air Slide Table
# Single Side-ported Type
# 25A-MXQ□C Series
## ø8, ø12

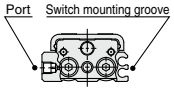
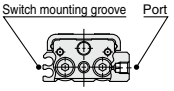
RoHS



## How to Order

**25A – MXQ 12 C – 30 ZA □ – M9BW □**

- 25A: Series compatible with secondary batteries
- ❶ Bore size
- ❷ Body option
- ❸ Standard stroke [mm]
- ❹ Adjuster options/Functional option combinations
- ❺ Functional options
- ❻ Auto switch
- ❼ Number of auto switches

| ❶ Bore size | ❷ Body option: Standard type C | ❷ Body option: Symmetric type CL | ❸ Standard stroke [mm] |
|---|---|---|---|
| 8 |   |   | 10, 20, 30, 40, 50, 75 |
| 12 | | | 10, 20, 30, 40, 50, 75, 100 |

### ❺ Functional options

| Symbol | Functional option |
|---|---|
| **Nil** | Without functional option |
| **1** | With buffer |
| **2** | With end lock |
| **3** | Axial piping |
| **4** | With buffer, end lock |
| **5** | With buffer, axial piping |

### ❻ Auto switch

| | |
|---|---|
| **Nil** | Without auto switch (Built-in magnet) |

∗ Refer to the **Web Catalog** for details on applicable auto switch models.

### ❼ Number of auto switches

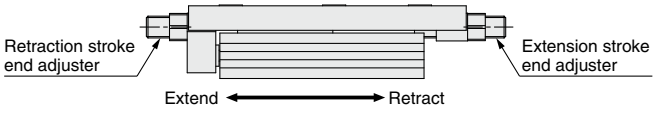
| | |
|---|---|
| **Nil** | 2 |
| **S** | 1 |
| **n** | n |

### ❹ Adjuster options/Functional option combinations

| Symbol | Adjuster type | | | Adjuster mounting position∗1: Extension stroke end | Adjuster mounting position∗1: Retraction stroke end | Functional option combination: Nil Without functional option | 1 ∗2∗6 With buffer | 2 With end lock | 3 ∗5 Axial piping | 4 ∗2∗6 With buffer, end lock | 5 ∗3∗5∗6 With buffer, axial piping |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Z** | Without adjuster | | | | | ○ | ○ | ○ | ○ | ○ | ○ |
| **ZA** | Metal stopper with bumper | | | ● | ● | ○ | × | × | ○ | × | × |
| **ZB** | | | | ● | | ○ | × | ○ | ○ | × | × |
| **ZC** | | | | | ● | ○ | × | × | ○ | × | × |
| **ZD** | Rubber stopper | | | ● | ● | ○ | × | × | ○ | × | × |
| **ZE** | | | | ● | | ○ | ○ | ○ | ○ | ○ | ○ |
| **ZF** | | | | | ● | ○ | × | × | ○ | × | × |
| **ZG** | Shock absorber/RJ | | | ● | ● | ○ | × | × | ○ | × | × |
| **ZH** | | | | ● | | ○ | × | ○ | ○ | × | × |
| **ZJ** | | | | | ● | ○ | × | × | ○ | × | × |
| **ZK** | Metal stopper | | | ● | ● | ○ | × | × | ○ | × | × |
| **ZL** | | | | ● | | ○ | ○ | ○ | ○ | ○ | ○ |
| **ZM** | | | | | ● | ○ | × | × | ○ | × | × |
| **ZN** | Shorter overall length type∗3 | | Without adjuster | | | ○ | ○∗4 | × | ○ | × | ○∗4 |
| **ZP** | | | Rubber stopper | | ● | ○ | × | × | ○ | × | × |
| **ZQ** | | | Shock absorber/RJ | | ● | ○ | × | × | ○ | × | × |
| **ZS** | | | Metal stopper with bumper | | ● | ○ | × | × | ○ | × | × |
| **ZT** | | | Metal stopper | | ● | ○ | × | × | ○ | × | × |
| **ZBF** | Extension stroke end adjuster: Metal stopper with bumper | Retraction stroke end adjuster | Rubber stopper | ● | ● | ○ | × | × | ○ | × | × |
| **ZBJ** | | | Shock absorber/RJ | ● | ● | ○ | × | × | ○ | × | × |
| **ZBM** | | | Metal stopper | ● | ● | ○ | × | × | ○ | × | × |
| **ZEC** | Extension stroke end adjuster: Rubber stopper | | Metal stopper with bumper | ● | ● | ○ | × | × | ○ | × | × |
| **ZEJ** | | | Shock absorber/RJ | ● | ● | ○ | × | × | ○ | × | × |
| **ZEM** | | | Metal stopper | ● | ● | ○ | × | × | ○ | × | × |
| **ZHC** | Extension stroke end adjuster: Shock absorber/RJ | | Metal stopper with bumper | ● | ● | ○ | × | × | ○ | × | × |
| **ZHF** | | | Rubber stopper | ● | ● | ○ | × | × | ○ | × | × |
| **ZHM** | | | Metal stopper | ● | ● | ○ | × | × | ○ | × | × |
| **ZLC** | Extension stroke end adjuster: Metal stopper | | Metal stopper with bumper | ● | ● | ○ | × | × | ○ | × | × |
| **ZLF** | | | Rubber stopper | ● | ● | ○ | × | × | ○ | × | × |
| **ZLJ** | | | Shock absorber/RJ | ● | ● | ○ | × | × | ○ | × | × |

∗1 ●: Shipped together with the product, but not assembled
Without any symbol for the adjuster mounting position: The adjuster can be mounted afterward.
∗2 For the buffer mechanism, the buffer stroke will be shorter for the stroke that is adjusted by the extension stroke end adjuster.
∗3 Extension stroke end adjuster mounting holes have been removed to reduce the total length of the table.
∗4 The shorter total length type can be used, but a retraction stroke end adjuster cannot be mounted afterward.
∗5 There is no piping port on the side surface of the product.
∗6 As there is no magnet in the buffer mechanism, auto switches cannot be used on the buffer part.

### Adjuster Mounting Position




**Shorter total length type**



Extension stroke end adjuster mounting holes have been removed to reduce the total length of the table.

∗ When the shock absorber, metal stopper with bumper, or adjuster option with metal stopper is used, metal-to-metal collisions occur, and may generate dust particles.
∗ When the buffer mechanism or the end lock mechanism functional options are used, dust particles may be generated by the buffer part as well as the end lock part.

∗ The 25A- series specifications and dimensions are the same as those of the standard model.

**For details, refer to the Web Catalog.**



SMC

# Air Slide Table
# Height Interchangeable Type

RoHS

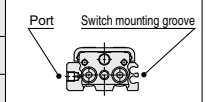
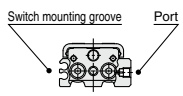
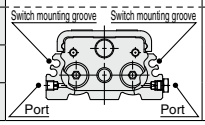
# 25A-MXQ Series
## ø6, ø8, ø12, ø16, ø20, ø25



## How to Order

**25A – MXQ** ❶ ❷ – ❸ ❹ ❺ – ❻ ❼

- 25A: Series compatible with secondary batteries

| ❶ Bore size | ❷ Body option: Standard type Nil | ❷ Body option: Symmetric type L | ❸ Standard stroke [mm] |
|---|---|---|---|
| 6 |  |  | 10, 20, 30, 40, 50 |
| 8 | | | 10, 20, 30, 40, 50, 75 |
| 12 | | | 10, 20, 30, 40, 50, 75, 100 |
| 16 |  | —*1 | 10, 20, 30, 40, 50, 75, 100, 125 |
| 20 | | | 10, 20, 30, 40, 50, 75, 100, 125, 150 |
| 25 | | | 10, 20, 30, 40, 50, 75, 100, 125, 150 |

*1 Not available, as the standard model has piping ports and auto switch mounting grooves on both sides. Please use the standard type.

### ❺ Functional options

| Symbol | Functional option |
|---|---|
| Nil | Without functional option |
| 1 | With buffer |
| 2 | With end lock |
| 3 | Axial piping |
| 4 | With buffer, end lock |
| 5 | With buffer, axial piping |

### ❼ Number of auto switches

| | |
|---|---|
| Nil | 2 |
| S | 1 |
| n | n |

### ❻ Auto switch

| | |
|---|---|
| Nil | Without auto switch (Built-in magnet) |

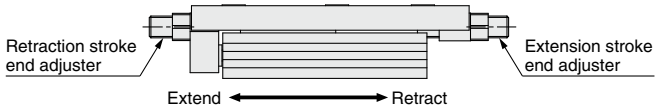
* Refer to the **Web Catalog** for details on applicable auto switch models.

### ❹ Adjuster options/Functional option combinations

| Symbol | Adjuster type*6 | | | Adjuster mounting position*1: Extension stroke end | Adjuster mounting position*1: Retraction stroke end | Functional option combination: Nil Without functional option | 1 *2*7 With buffer | 2 With end lock | 3 *5 Axial piping | 4 *2*7 With buffer, end lock | 5 *2*5*7 With buffer, axial piping |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Z | Without adjuster | | | | | ○ | ○ | ○ | ○ | ○ | ○ |
| ZA | Metal stopper with bumper | | | ● | ● | ○ | × | × | ○ | × | × |
| ZB | | | | ● | | ○ | × | ○ | ○ | × | × |
| ZC | | | | | ● | ○ | × | × | ○ | × | × |
| ZD | Rubber stopper | | | ● | ● | ○ | × | × | ○ | × | × |
| ZE | | | | ● | | ○ | ○ | ○ | ○ | ○ | ○ |
| ZF | | | | | ● | ○ | × | × | ○ | × | × |
| ZG | Shock absorber/RJ | | | ● | ● | ○ | × | × | ○ | × | × |
| ZH | | | | ● | | ○ | × | ○ | ○ | × | × |
| ZJ | | | | | ● | ○ | × | × | ○ | × | × |
| ZK | Metal stopper | | | ● | ● | ○ | × | × | ○ | × | × |
| ZL | | | | ● | | ○ | ○ | ○ | ○ | ○ | ○ |
| ZM | | | | | ● | ○ | × | × | ○ | × | × |
| ZN | Shorter total length type*3 | Retraction stroke end adjuster | Without adjuster | | | ○ | ○*4 | × | ○ | × | ○*4 |
| ZP | | | Rubber stopper | | ● | ○ | × | × | ○ | × | × |
| ZQ | | | Shock absorber/RJ | | ● | ○ | × | × | ○ | × | × |
| ZS | | | Metal stopper with bumper | | ● | ○ | × | × | ○ | × | × |
| ZT | | | Metal stopper | | ● | ○ | × | × | ○ | × | × |
| ZBF | Extension stroke end adjuster: Metal stopper with bumper | | Rubber stopper | ● | ● | ○ | × | × | ○ | × | × |
| ZBJ | | | Shock absorber/RJ | ● | ● | ○ | × | × | ○ | × | × |
| ZBM | | | Metal stopper | ● | ● | ○ | × | × | ○ | × | × |
| ZEC | Extension stroke end adjuster: Rubber stopper | | Metal stopper with bumper | ● | ● | ○ | × | × | ○ | × | × |
| ZEJ | | | Shock absorber/RJ | ● | ● | ○ | × | × | ○ | × | × |
| ZEM | | | Metal stopper | ● | ● | ○ | × | × | ○ | × | × |
| ZHC | Extension stroke end adjuster: Shock absorber/RJ | | Metal stopper with bumper | ● | ● | ○ | × | × | ○ | × | × |
| ZHF | | | Rubber stopper | ● | ● | ○ | × | × | ○ | × | × |
| ZHM | | | Metal stopper | ● | ● | ○ | × | × | ○ | × | × |
| ZLC | Extension stroke end adjuster: Metal stopper | | Metal stopper with bumper | ● | ● | ○ | × | × | ○ | × | × |
| ZLF | | | Rubber stopper | ● | ● | ○ | × | × | ○ | × | × |
| ZLJ | | | Shock absorber/RJ | ● | ● | ○ | × | × | ○ | × | × |

*1 ●: Shipped together with the product, but not assembled Without any symbol for the adjuster mounting position: The adjuster can be mounted afterward.
*2 For the buffer mechanism, the buffer stroke will be shorter for the stroke that is adjusted by the extension stroke end adjuster.
*3 Extension stroke end adjuster mounting holes have been removed to reduce the total length of the table.
*4 The shorter total length type can be used, but a retraction stroke end adjuster cannot be mounted afterward.
*5 There is no piping port on the side surface of the product.
*6 The metal stopper with bumper option is not available for ø6.
*7 As there is no magnet in the buffer mechanism, auto switches cannot be used on the buffer part.

### Adjuster Mounting Position




**Shorter total length type**



Extension stroke end adjuster mounting holes have been removed to reduce the total length of the table.

* When the shock absorber, metal stopper with bumper, or adjuster option with metal stopper is used, metal-to-metal collisions occur, and may generate dust particles.
* When the buffer mechanism or the end lock mechanism functional options are used, dust particles may be generated by the buffer part as well as the end lock part.
* The 25A- series specifications and dimensions are the same as those of the standard model.

**For details, refer to the Web Catalog.**

# Air Slide Table

RoHS

# 25A-MXQ Series

## ø6, ø8, ø12, ø16, ø20, ø25



## How to Order

**25A-MXQ 16 □ □ - 50 AS - M9BW □ - □**

**Series compatible with secondary batteries**

**Port thread type**

| | | |
|---|---|---|
| **Nil** | M thread | ø6 to ø16 |
| | Rc | ø20, ø25 |
| **TN** | NPT | |
| **TF** | G | |

**Symmetric type**

| | |
|---|---|
| **Nil** | Standard type |
| **L** | Symmetric type |

**Bore size (Standard stroke [mm])**

| | |
|---|---|
| **6** | 10, 20, 30, 40, 50 |
| **8** | 10, 20, 30, 40, 50, 75 |
| **12** | 10, 20, 30, 40, 50, 75, 100 |
| **16** | 10, 20, 30, 40, 50, 75, 100, 125 |
| **20** | 10, 20, 30, 40, 50, 75, 100, 125, 150 |
| **25** | 10, 20, 30, 40, 50, 75, 100, 125, 150 |

**Made to Order**

| | |
|---|---|
| **Nil** | None |
| **-X2578** | Adjuster side mounting type*1 |

*1 The type with a shock absorber is only available for bore sizes ø8, ø12, and ø16.

**Number of auto switches**

| | |
|---|---|
| **Nil** | 2 |
| **S** | 1 |
| **n** | n |

**Auto switch**

| | |
|---|---|
| **Nil** | Without auto switch (Built-in magnet) |

* Refer to the **Web Catalog** for details on applicable auto switch models.

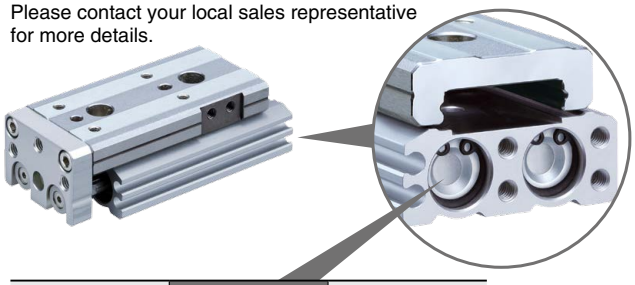
**Adjuster option**

| | |
|---|---|
| **Nil** | Without adjuster |
| **AS** | Extension end rubber stopper |
| **AT** | Retraction end rubber stopper |
| **A** | Both ends rubber stopper |
| **BS** | Extension end absorber |
| **BT** | Retraction end absorber |
| **B** | Double absorber |
| **CS** | Extension end metal stopper |
| **CT** | Retraction end metal stopper |
| **C** | Double metal stopper |
| **ASBT** | Extension end adjustor + Retraction end absorber |
| **ASCT** | Extension end adjustor + Retraction end metal stopper |
| **BSAT** | Extension end absorber + Retraction end adjuster |
| **BSCT** | Extension end absorber + Retraction end metal stopper |
| **CSAT** | Extension end metal stopper + Retraction end adjuster |
| **CSBT** | Extension end metal stopper + Retraction end absorber |

* With shock absorber is not available in the 25A-MXQ6 series.
* When the adjuster option with shock absorber or metal stopper is used, metal-to-metal collisions occur, and may generate dust particles.

### Corrosion Resistant Air Slide Table

(Made to order: 25A-MXQ□-X771)
The material of the head cap part has been changed to a highly corrosion-resistant material.
Please contact your local sales representative for more details.



| | After change | Before change |
|---|---|---|
| **Head cap** | Aluminum | Synthetic resin |

* The 25A- series specifications and dimensions are the same as those of the standard model.

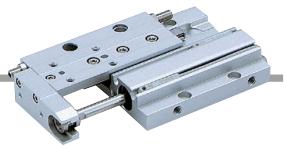
**For details, refer to the Web Catalog.**

# Low Profile Slide Table

# 25A-MXF Series

## ø8, ø12, ø16, ø20

RoHS



## How to Order

**25A – MXF 12 – 50 – M9BW**

**Series compatible with secondary batteries**

**Bore size/ Stroke (mm)**

| | |
|---|---|
| **ø8** | 10, 20, 30 |
| **ø12** | 20, 30, 50 |
| **ø16** | 30, 50, 75 |
| **ø20** | 30, 50, 75, 100 |

**Number of auto switches**

| | |
|---|---|
| **Nil** | 2 |
| **S** | 1 |
| **n** | n |

**Auto switch**

| | |
|---|---|
| **Nil** | Without auto switch (Built-in magnet) |

∗ Refer to the **Web Catalog** for details on applicable auto switch models.

∗ The 25A- series specifications and dimensions are the same as those of the standard model.

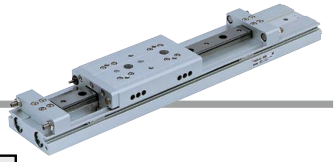
**For details, refer to the Web Catalog.**

# Air Slide Table

RoHS

# 25A-MXW Series

## ø8, ø12, ø16, ø20, ø25



## How to Order

**25A – MXW 16 [ ] – 100 B – M9BW [ ]**

**Series compatible with secondary batteries**

**Port thread type**

| | | |
|---|---|---|
| **Nil** | M thread | ø8 to ø16 |
| | Rc | ø20, ø25 |
| **TN** | NPT | |
| **TF** | G | |

**Bore size (Standard stroke [mm])**

| | |
|---|---|
| **8** | 25, 50, 75, 100, 125, 150 |
| **12** | 50, 75, 100, 125, 150 |
| **16** | 75, 100, 125, 150, 175, 200 |
| **20** | 100, 125, 150, 175, 200, 225, 250 |
| **25** | 100, 125, 150, 175, 200, 225, 250, 275, 300 |

**Option**

| | |
|---|---|
| **Nil** | Standard (With urethane bumper) |
| **B** | With shock absorbers 2 pcs. |

* When the adjuster option with shock absorber is used, metal-to-metal collisions occur, and may generate dust particles.

**Auto switch**

| | |
|---|---|
| **Nil** | Without auto switch (Built-in magnet) |

* Refer to the **Web Catalog** for details on applicable auto switch models.

**Number of auto switches**

| | |
|---|---|
| **Nil** | 2 |
| **S** | 1 |
| **n** | n |

* The 25A- series specifications and dimensions are the same as those of the standard model.

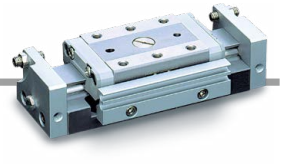
**For details, refer to the Web Catalog.**

# Air Slide Table

# 25A-MXP Series

## ø6, ø8, ø10, ø12, ø16

RoHS



## How to Order

**25A – MXP 12 – 15 □ □ – M9BW □**

**Series compatible with secondary batteries**

**Bore size (Standard stroke [mm])**

| | |
|---|---|
| **6** | 5, 10 |
| **8** | 10, 20 |
| **10** | 10, 20 |
| **12** | 15, 25 |
| **16** | 20, 30 |

**Adjuster option**

| | |
|---|---|
| **Nil** | Rubber stopper |
| **B** | Shock absorber |
| **C** | Metal stopper |

**Magnet/Switch rail**

| | |
|---|---|
| **Nil** | With magnet and rail |
| **N** | Without magnet and rail |

∗ Auto switch cannot be mounted on type N (without magnet and rail).

**Auto switch**

| | |
|---|---|
| **Nil** | Without auto switch |

∗ Refer to the **Web Catalog** for details on applicable auto switch models.

**Number of auto switches**

| | |
|---|---|
| **Nil** | 2 |
| **S** | 1 |
| **n** | n |

∗ In the case of 25A-MXP6-5, with 2 auto switches are available for D-M9□ type and D-M9□V type only. For other switches, no other choice is affordable but with 1 piece attached (symbol: S).

∗ Adjuster for 25A-MXP6 series is available for one side only.
∗ Shock absorber is not available in 25A-MXP6 and 25A-MXP8 series.
∗ When the adjuster option with shock absorber or metal stopper is used, metal-to-metal collisions occur, and may generate dust particles.

∗ The 25A- series specifications and dimensions are the same as those of the standard model.

**For details, refer to the Web Catalog.**