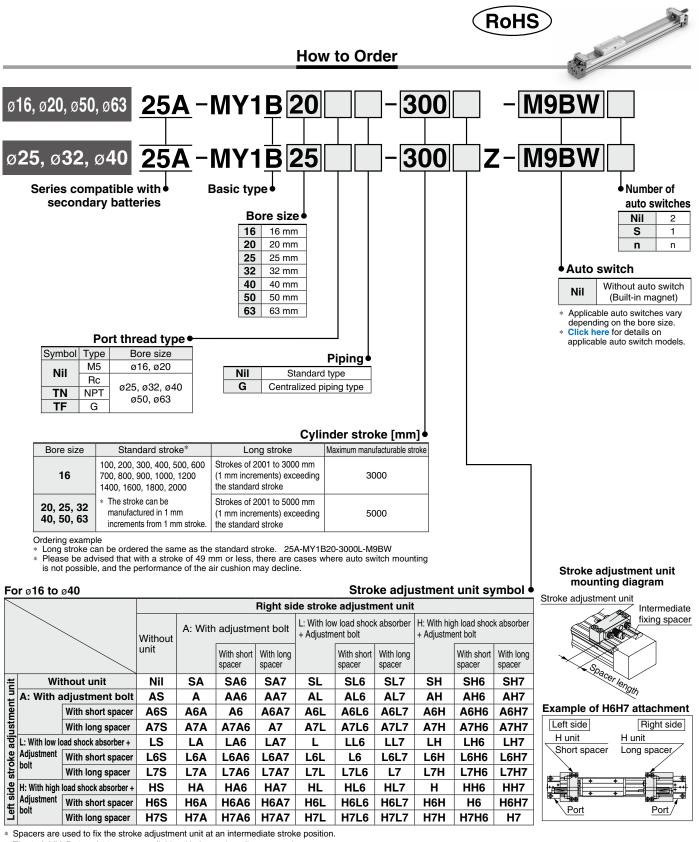
# Mechanically Jointed Rodless Cylinder Basic Type 25A-MY1B Series ø16, ø20, ø25, ø32, ø40, ø50, ø63

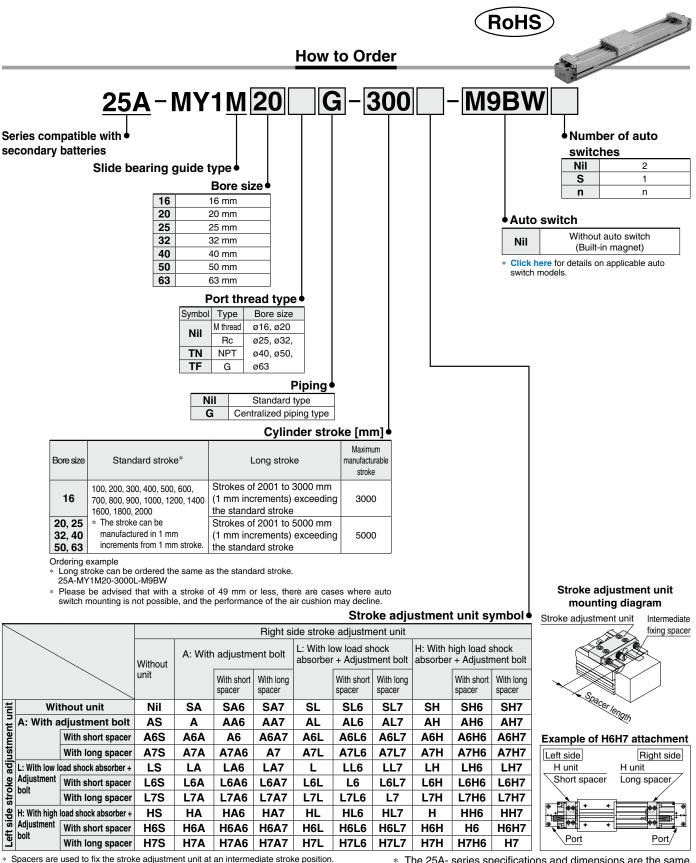


\* The 25A-MY1B50 and 63 are not available with the stroke adjustment unit.

\* The stroke adjustment unit H unit is not available for the 25A-MY1B16.

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

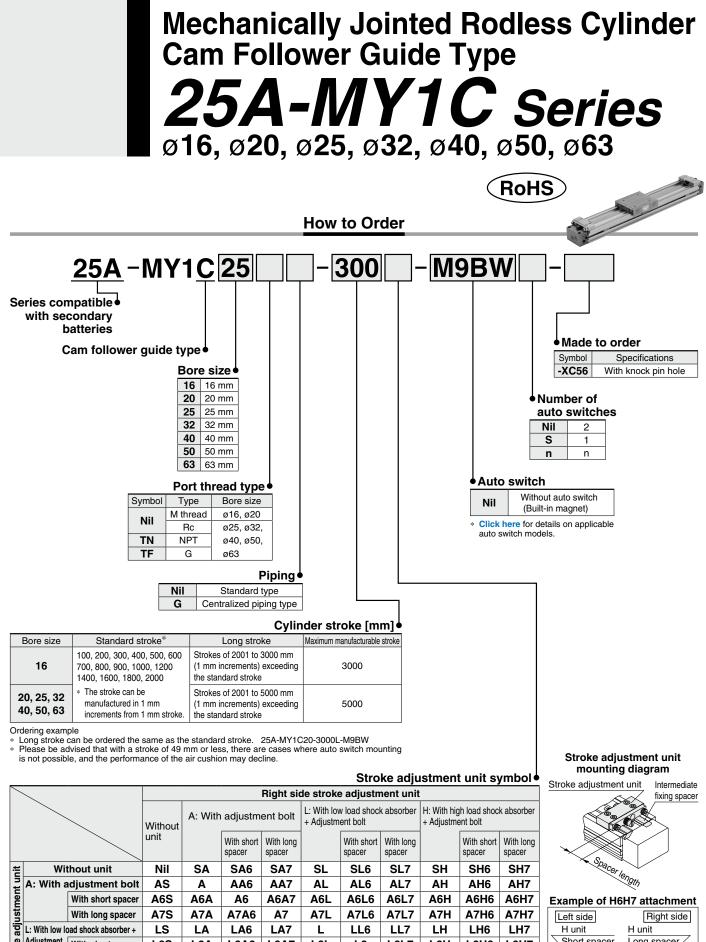
# Mechanically Jointed Rodless Cylinder Slide Bearing Guide Type **25A-MY1M Series** ø16, ø20, ø25, ø32, ø40, ø50, ø63

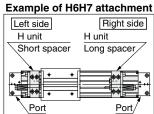


Spacers are used to fix the stroke adjustment unit at an intermediate stroke position
 Stroke adjustment unit H is not available for 25A-MY1M16.

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







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

A7S

LS

L6S

L7S

HS

H6S

H7S

With short spacer

With long spacer

With short spacer

With long spacer

H: With high load shock absorber +

Adjustment

Adjustment

bolt

stroke

side

Left bolt A7A

LA

L6A

L7A

HA

H6A

H7A

A7A6

LA6

L6A6

L7A6

HA6

H6A6

H7A6

A7

LA7

L6A7

L7A7

HA7

H6A7

H7A7

A7L

L

L6L

L7L

HL

H6L

H7L

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

A7L6

LL6

L6

L7L6

HL6

H6L6

H7L6

A7L7

LL7

L6L7

L7

HL7

H6L7

H7L7

A7H

LH

L6H

L7H

н

H6H

H7H

A7H6

LH6

L6H6

L7H6

HH6

H6

H7H6

A7H7

LH7

L6H7

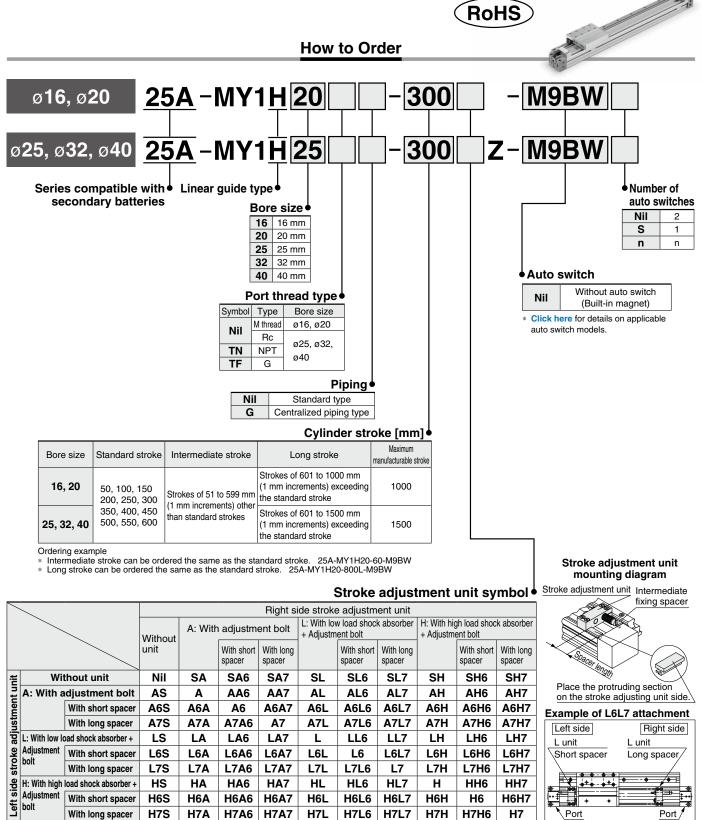
L7H7

HH7

H6H7

H7

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



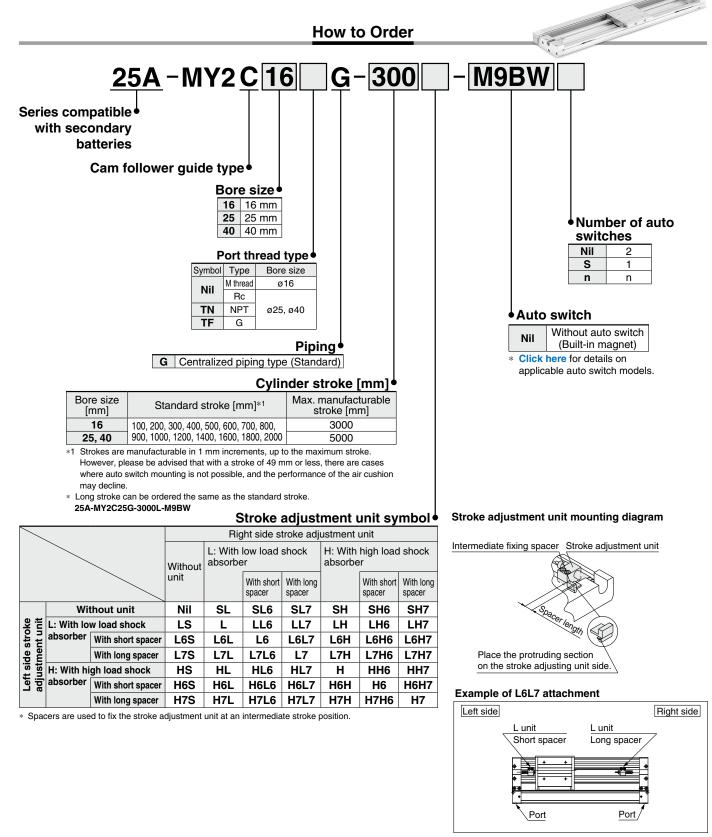
\* Spacers are used to fix the stroke adjustment unit at an intermediate stroke position.

\* H: With high load shock absorber + Adjustment bolt is not available for 25A-MY1H16.

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

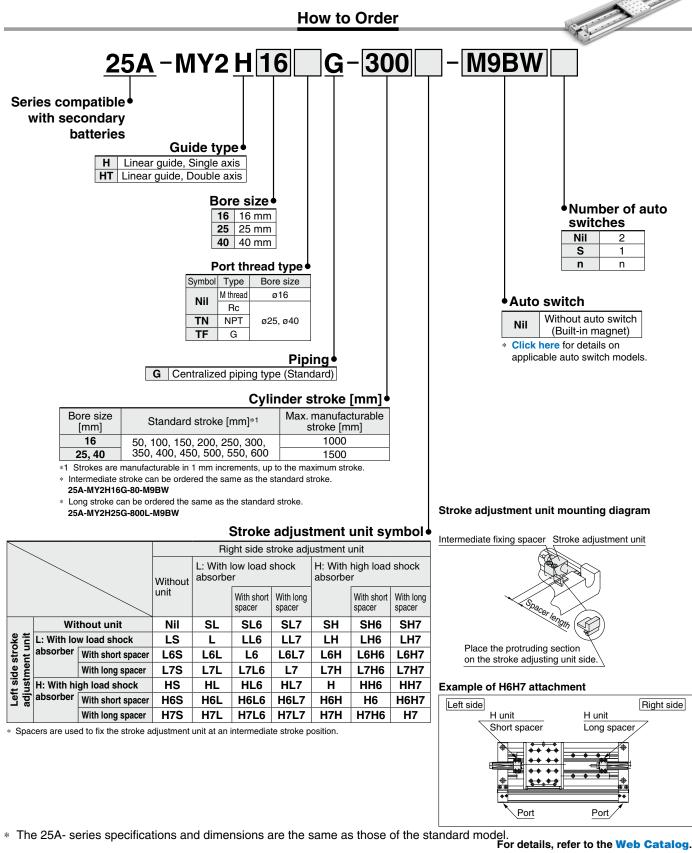


# Mechanically Jointed Rodless Cylinder Cam Follower Guide Type 25A-MY2C Series ø16, ø25, ø40



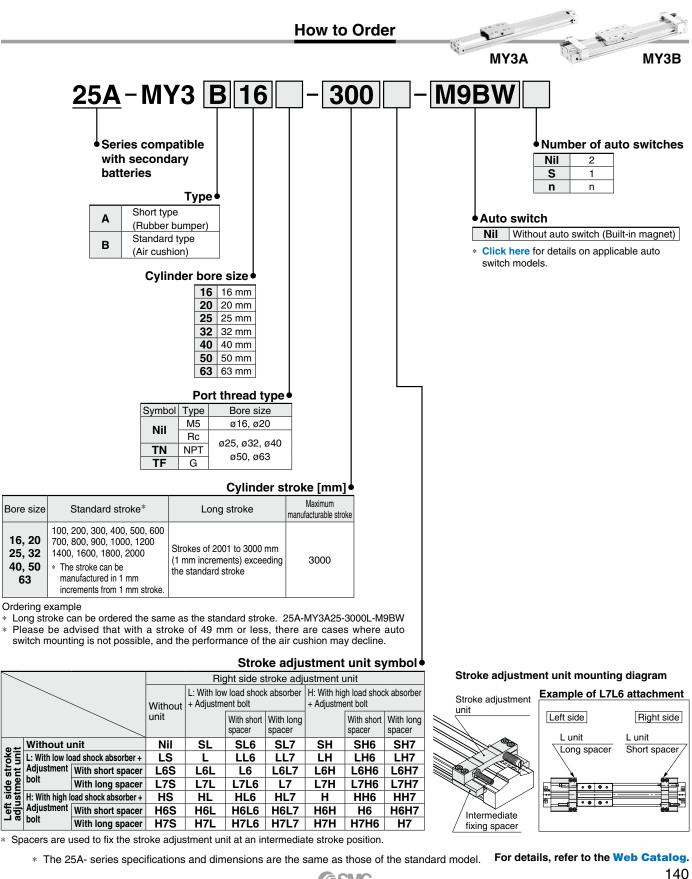
\* The 25A- series specifications and dimensions are the same as those of the standard model.

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

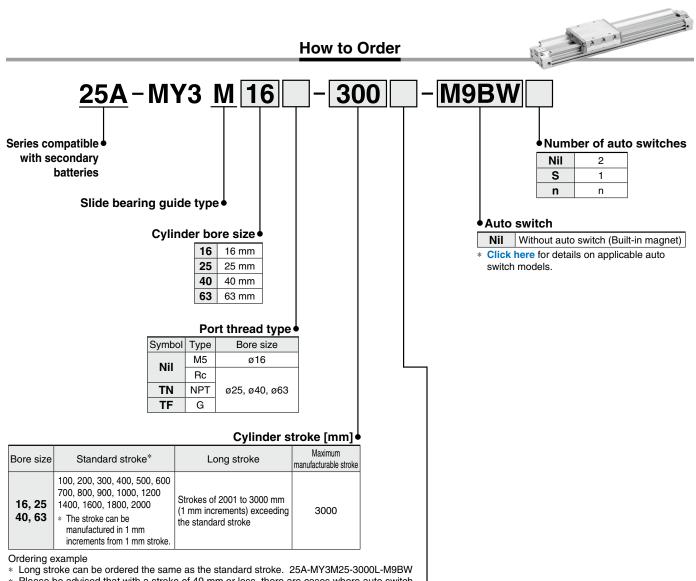


# Mechanically Jointed Rodless Cylinder/Basic Type **25A-MY3A/3B** Series Ø16, Ø20, Ø25, Ø32, Ø40, Ø50, Ø63

RoHS



## Mechanically Jointed Rodless Cylinder Slide Bearing Guide Type **25A-MY3M Series** Ø16, Ø25, Ø40, Ø63



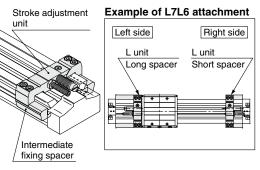
Please be advised that with a stroke of 49 mm or less, there are cases where auto switch mounting is not possible, and the performance of the air cushion may decline.

Stroke adjustment unit symbol

			Right side stroke adjustment unit									
			Without	L: With low + Adjustme		k absorber	H: With high load shock absorber + Adjustment bolt					
			unit		With short spacer	With long spacer		With short spacer	With long spacer			
	Without u	nit	Nil	SL	SL6	SL7	SH	SH6	SH7			
nit ke		ad shock absorber +	LS	L	LL6	LL7	LH	LH6	LH7			
nt C	Adjustment bolt	With short spacer	L6S	L6L	L6	L6L7	L6H	L6H6	L6H7			
de me	DOIL	With long spacer	L7S	L7L	L7L6	L7	L7H	L7H6	L7H7			
Left side stroke adjustment unit		oad shock absorber +	HS	HL	HL6	HL7	Н	HH6	HH7			
	Adjustment bolt	nt With short spacer H6S H6L		H6L	H6L6	H6L7	H6H	H6	H6H7			
	DOIL	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

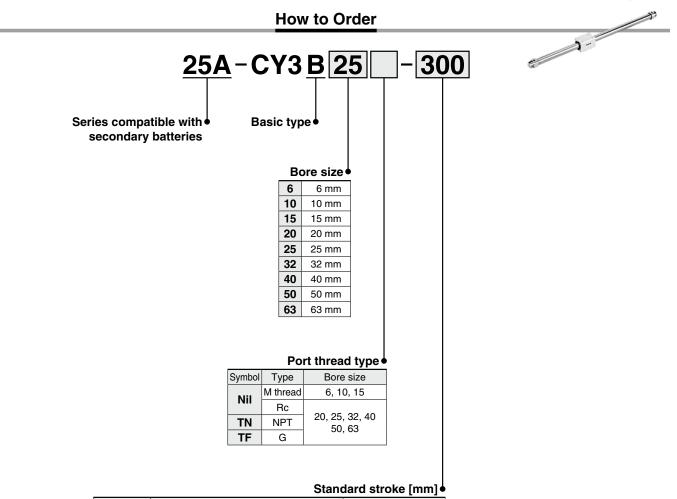


\* The 25A- series specifications and dimensions are the same as those of the standard model.





# Magnetically Coupled Rodless Cylinder/Basic Type $\begin{array}{c} \textbf{25A-CY3B Series} \\ \texttt{06}, \texttt{010}, \texttt{015}, \texttt{020}, \texttt{025}, \texttt{032}, \texttt{040}, \texttt{050}, \texttt{063} \end{array}$



Bore size	Standard stroke	Max. manufacturable stroke				
6	50, 100, 150, 200	300				
10	50, 100, 150, 200, 250, 300	500				
15	50, 100, 150, 200, 250, 300, 350 400, 450, 500	1000				
20		1500				
25	100, 150, 200, 250, 300, 350 400, 450, 500, 600, 700, 800					
32		2000				
40, 50, 63	100, 150, 200, 250, 300, 350, 400 450, 500, 600, 700, 800, 900, 1000	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.

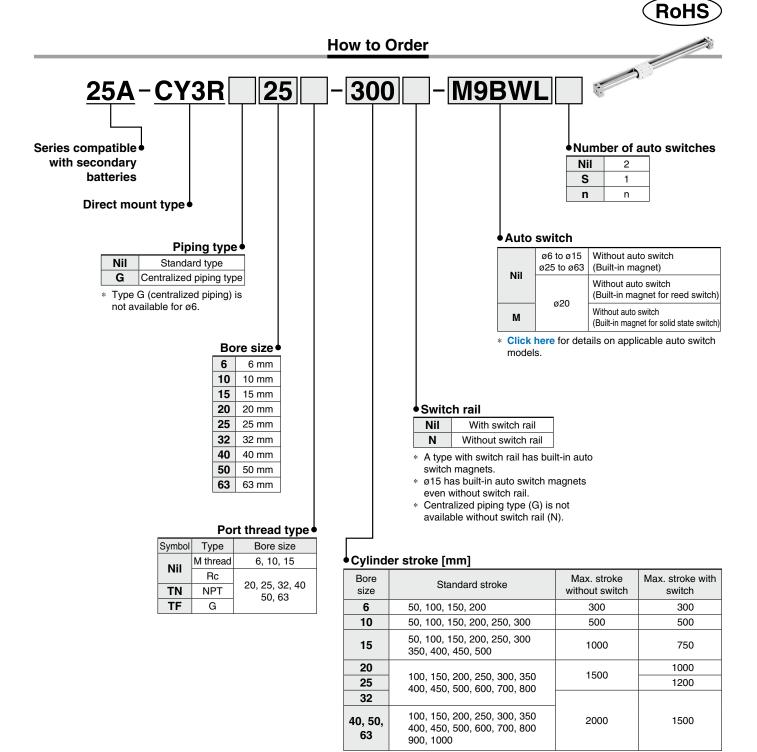
 The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the Web Catalog.

RoHS

### Magnetically Coupled Rodless Cylinder/Direct Mount Type

# **25A-CY3R Series** ø6, ø10, ø15, ø20, ø25, ø32, ø40, ø50, ø63



\* The longer the stroke, the larger the amount of deflection in a cylinder tube. Pay

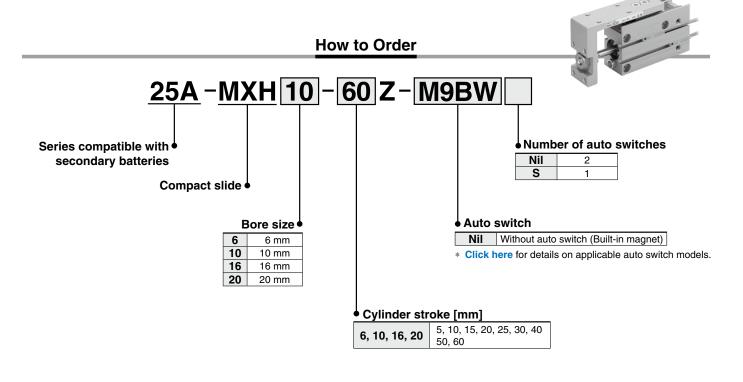
attention to the mounting bracket and clearance value.

\* Intermediate stroke is available in 1 mm increments.

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

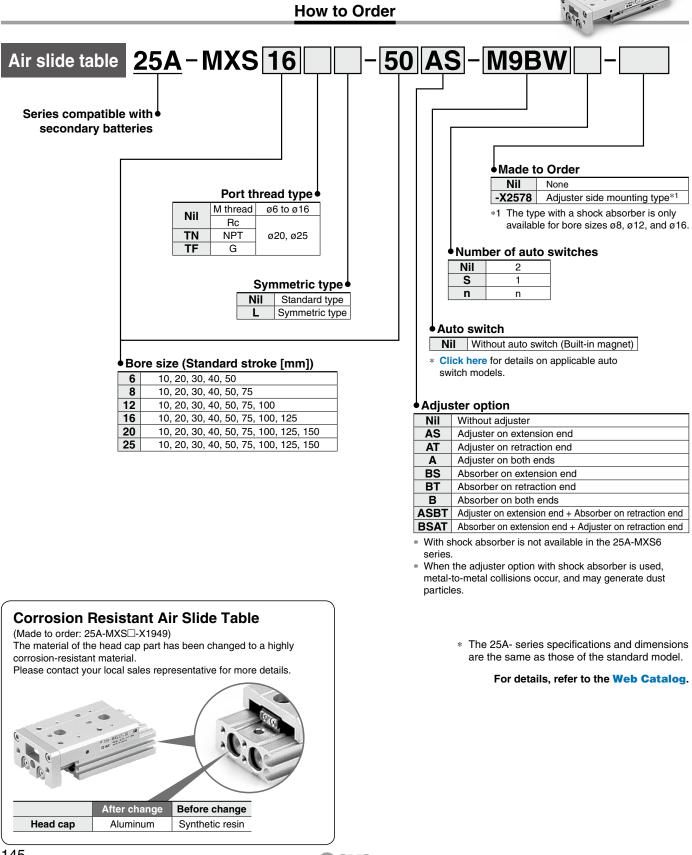


## Compact Slide **25A-MXH Series** Ø6, Ø10, Ø16, Ø20 RoHS

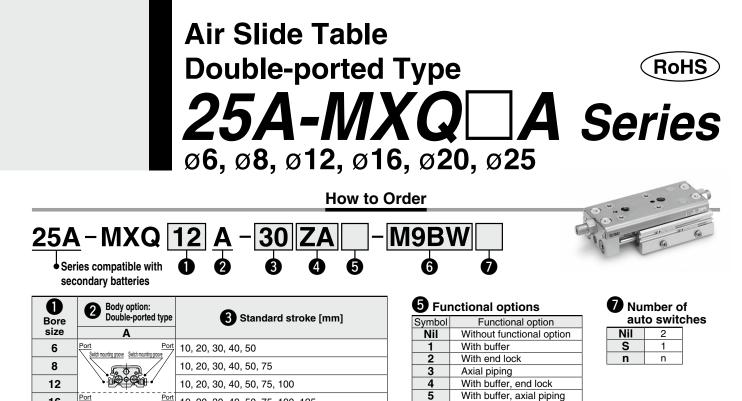


\* The 25A- series specifications and dimensions are the same as those of the standard model.

## Air Slide Table **25A-MXS** Series Ø6, Ø8, Ø12, Ø16, Ø20, Ø25 RoHS







#### 6 Auto switch

Nil Without auto switch (Built-in magnet)

 Click here for details on applicable auto switch models.

#### Adjuster options/Functional option combinations

rtino arc

 $\{ \circ \oplus \circ \}$ 

 $\phi \bigoplus_{i=1}^{\infty} \phi$ 

10, 20, 30, 40, 50, 75, 100, 125

10, 20, 30, 40, 50, 75, 100, 125, 150

10, 20, 30, 40, 50, 75, 100, 125, 150

16

20

25

						mounting		Functi	onal option	on comb	ination		
					posit	ion*1	Nil	1	2	3	4	5	
Symbol				Retraction stroke end	Without functional option	*2*7 With buffer	With end lock	*5 Axial piping		*2*5*7 With buffer, axial piping			
Ζ	Wi	thout adjuste	r				0	0	0	0	0	0	]
ZA							0	×	×	0	×	×	1
ZB	Me	etal stopper w	vith	bumper			0	×	0	0	×	×	1
ZC							0	×	×	0	×	×	
ZD							0	×	×	0	×	×	1
ZE	Rι	ibber stopper					0	0	0	0	0	0	
ZF							0	×	×	0	×	×	1
ZG							0	×	×	0	×	×	1
ZH	Sh	lock absorbei	r/R.	J			0	×	0	0	×	×	1
ZJ							0	×	×	0	×	×	1
ZK							0	×	×	0	×	×	1
ZL	Me	etal stopper					0	0	0	0	0	0	1
ZM							0	×	×	0	×	×	]
ZN				Without adjuster	/		0	O*4	×	0	×	0*4	1
ZP	Ch	orter total	tor total	Rubber stopper	1 /		0	×	×	0	×	×	1
ZQ	-	ngth type*3		Shock absorber/RJ	] /		0	×	×	0	×	×	1
ZS	ier	igin type*5	fe	Metal stopper with bumper	1/		0	×	×	0	×	×	1
ZT				Metal stopper	V		0	×	×	0	×	×	1
ZBF	r	Metal	adjuster	Rubber stopper			0	×	×	0	×	×	1
ZBJ	ster	stopper with	end	Shock absorber/RJ			0	×	×	0	×	×	1
'BM	dju	bumper		Metal stopper			0	×	×	0	×	×	1
ZEC	a	Dubber	stroke	Metal stopper with bumper			0	×	×	0	×	×	
ZEJ	end	Rubber	str	Shock absorber/RJ			0	×	×	0	×	×	1
ZEM				Metal stopper			0	×	×	0	×	×	]
ΉC	stroke			Metal stopper with bumper			0	×	×	0	×	×	1
'HF		Shock	Retraction	Rubber stopper			0	×	×	0	×	×	1
:HM	ion	absorber/RJ	Ъ	Metal stopper			0	×	×	0	×	×	1
ZLC	sue	Madal	1	Metal stopper with bumper			0	×	×	0	×	×	1
ZLF	Extension	Metal		Rubber stopper			0	×	×	0	×	×	1
ZLJ	ш	stopper		Shock absorber/RJ			0	×	×	0	×	×	1

- I ●: 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

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

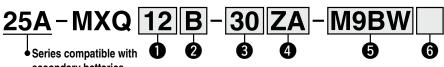
\* When the shock absorber, metal stopper with bumper, or adjuster option with metal stopper is used, metal-to-metal collisions occur, and may generate dust particles.

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



secondary batteries

0	<b>2</b> Bo	dy option							
Bore	Standard type	Symmetric type	<b>3</b> Standard stroke [mm]						
size	В	BL							
6	Port Switch mounting groove	Switch mounting groove Port	10, 20, 30, 40, 50, 75						
8			10, 20, 30, 40, 50, 75, 100						
12	⋗ <del>⋣©</del> ∳ <b>⊙</b> ⋸≁	`+ <u>3@∳@</u> ∉ •	10, 20, 30, 40, 50, 75, 100, 125						
16	Port Port Switch mounting grouve Switch mounting grouve	*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.

#### Adjuster options

4 Ad	just	ter options						5 Auto switch
Symbol		Adju	ıster	r type∗₃	Adjuster mounting position * 1 Extension stroke end Retraction stroke end			Nil         Without auto switch (Built-in magnet)           * Click here for details on applicable auto switch models.
Z	Wit	thout adjuster			Extension strong city	TIGUQUUTI SUORE CIN	1	switch models.
ZA ZB ZC		tal stopper with bum	per		•	•	•	6 Number of auto switches
ZD ZE ZF	Ru	bber stopper			•	•	-	S         1           n         n
ZG ZH ZJ	Sh	ock absorber/RJ			•	•	•	
ZK ZL ZM	Me	tal stopper		•	•	-		
ZN ZP ZQ ZS ZT		orter total gth type <sup>*2</sup>	ster	Without adjuster Rubber stopper Shock absorber/RJ Metal stopper with bumper Metal stopper		•	-	
ZBF ZBJ ZBM	adjuster	Metal stopper with bumper	end adjuster	Rubber stopper Shock absorber/RJ Metal stopper	•	•	•	
ZEC ZEJ ZEM	end	Rubber stopper	on stroke	Metal stopper with bumper Shock absorber/RJ Metal stopper	•	•	-	
ZHC ZHF ZHM	sion stroke	Shock absorber/RJ	Retraction	Metal stopper with bumper Rubber stopper Metal stopper	•	•	   *1	•: Shipped together with the product, but not assembled Without any symbol for the adjuster mounting position: The adjuster can be
ZLC ZLF ZLJ	Extension	Metal stopper		Metal stopper with bumper Rubber stopper Shock absorber/RJ	•	•	4	mounted afterward. Extension stroke end adjuster mounting holes have been removed to reduce the total length of the table. The metal stopper with bumper option is not available for ø6.

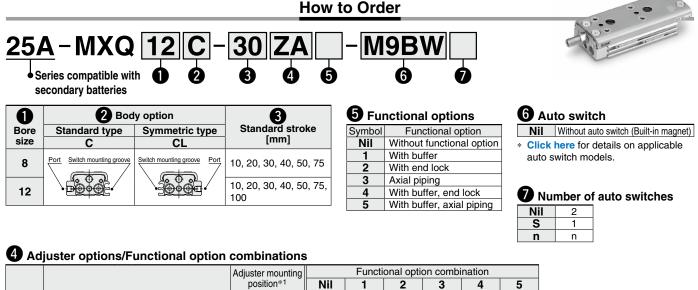
#### Adjuster Mounting Position



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.

SMC

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



					Adjuster	mounting		Functi	onal opti	on comb	ination			
					posit	ion*1	Nil	1	2	3	4	5		
Symbol		Ad	djus	ster type		Retraction stroke end	Without functional option	*2*6 With buffer	With end lock	*5 Axial piping	With buffer,			
Z	Wi	thout adjuste	r				0	0	0	0	0	0		
ZA							0	×	×	0	×	×		
ZB	] Me	etal stopper w	/ith	bumper	•		0	×	0	0	×	×		
ZC						•	0	×	×	0	×	×		
ZD							0	×	×	0	×	×		
ZE	Ru	bber stopper			•		0	0	0	0	0	0		
ZF							0	×	×	0	×	×		
ZG					•		0	×	×	0	×	×		
ZH	Sh	ock absorber	r/RJ	l	•		0	×	0	0	×	×		
ZJ							0	×	×	0	×	×	*1	<ul> <li>Shipped together with the</li> </ul>
ZK						•	0	×	×	0	×	×		product, but not assembled
ZL	Me	Metal stopper			•		0	0	0	0	0	0		Without any symbol for the
ZM							0	×	×	0	×	×		adjuster mounting position: Th
ZN				Without adjuster		1	0	0*4	×	0	×	0*4		adjuster can be mounted afterward.
ZP	0.	orter overall		Rubber stopper			0	×	×	0	×	×	*2	For the buffer mechanism, the
ZQ		gth type*3		Shock absorber/RJ	] /		0	×	×	0	×	×	<u> </u>	buffer stroke will be shorter for
ZS	lieui	gin type •••	er	Metal stopper with bumper	] /		0	×	×	0	×	×		the stroke that is adjusted by t
ZT			adjuster	Metal stopper	V		0	×	×	0	×	×		extension stroke end adjuster.
ZBF	<u> </u>	Metal	adj	Rubber stopper			0	×	×	0	×	×	*3	Extension stroke end adjuster
ZBJ	adjuster	stopper with	end	Shock absorber/RJ	•	•	0	×	×	0	×	×		mounting holes have been
ZBM	]. <u></u>	bumper		Metal stopper			0	×	×	0	×	×		removed to reduce the total length of the table.
ZEC		Rubber	stroke	Metal stopper with bumper			0	×	×	0	×	×	*4	The shorter total length type ca
ZEJ			stro	Shock absorber/RJ			0	×	×	0	×	×	· •	be used, but a retraction stroke
ZEM				Metal stopper			0	×	×	0	×	×		end adjuster cannot be mount
ZHC	stroke	Oh a ala	cti	Metal stopper with bumper		•	0	×	×	0	×	×		afterward.
ZHF		Shock	Retraction	Rubber stopper			0	×	×	0	×	×	*5	There is no piping port on the
ZHM	p.	absorber/RJ		Metal stopper		•	0	×	×	0	×	×		side surface of the product.
ZLC	<u>s</u> [	Matal	]	Metal stopper with bumper			0	×	×	0	×	×	*6	As there is no magnet in the buffer mechanism, auto switch
ZLF	Xte	Metal		Rubber stopper			0	×	×	0	×	×		cannot be used on the buffer
ZLJ	ш	stopper		Shock absorber/RJ			0	×	×	0	×	×		part.

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

#### Adjuster Mounting Position



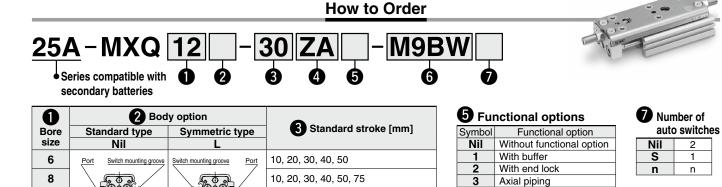
When the shock absorber, metal stopper with bumper, or adjuster option with metal stopper is used, metal-to-metal collisions occur, and may generate dust particles

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.



## **Air Slide Table Height Interchangeable Type RoHS** 25A-MXQ Series ø6, ø8, ø12, ø16, ø20, ø25



10, 20, 30, 40, 50, 75, 100

10, 20, 30, 40, 50, 75, 100, 125

10, 20, 30, 40, 50, 75, 100, 125, 150

10, 20, 30, 40, 50, 75, 100, 125, 150

6	Auto	switch
---	------	--------

4

5

Nil Without auto switch (Built-in magnet)

With buffer, end lock

With buffer, axial piping

Click here for details on applicable auto switch models.

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

#### Adjuster options/Functional option combinations

					Adjuster	mounting		Functi	]				
					posi	tion*1	Nil	1	2	3	4	5	
Symbol		Ad	just	er type <sup>*6</sup>	Extension stroke end	Retraction stroke end	Without functional option	*2*7 With buffer	With end lock	*5 Axial piping	With buffer,	*2*5*7 With buffer, axial piping	
Z	W	ithout adjuste	r				0	0	0	0	0	0	
ZA					•	•	0	×	×	0	×	×	
ZB	M	etal stopper w	vith	bumper	•		0	×	0	0	×	×	
ZC						•	0	×	×	0	×	×	
ZD					•	•	0	×	×	0	×	×	
ZE	Rι	ubber stopper	•		•		0	0	0	0	0	0	
ZF						•	0	×	×	0	×	×	-
ZG					•	•	0	Х	×	0	×	×	*1 •: Shipped togethe
ZH	Sł	nock absorbe	r/R.	J	•		0	×	0	0	×	×	product, but not as
ZJ				-		•	0	×	×	0	×	×	Without any symbo
ZK					•	0	×	×	0	×	×	adjuster mounting p	
ZL	M	etal stopper			•	-	0	0	0	0	0	0	adjuster can be mo afterward.
ZM						0	×	×	0	×	×	*2 For the buffer mech	
ZN				Without adjuster	/		0	0*4	×	0	×	0*4	buffer stroke will be
ZP	S	norter total		Rubber stopper	/	•	0	×	×	0	×	×	the stroke that is ac
ZQ	-	ngth type*3	Shock absorber/HJ		- /	•	0	×	×	0	×	×	extension stroke er
ZS		igur ijpo	ster	Metal stopper with bumper	-	•	0	×	×	0	×	×	*3 Extension stroke er
ZT			adjuste	Metal stopper	<u>/</u>	•	0	×	×	0	×	×	mounting holes hav removed to reduce
ZBF	P	Metal		Rubber stopper	•	•	0	×	×	0	×	×	length of the table.
ZBJ	adjuster	stopper with	end	Shock absorber/RJ	•	•	0	×	×	0	×	×	*4 The shorter total le
ZBM	들	bumper		Metal stopper	•	•	0	×	×	0	×	×	be used, but a retra
ZEC	Ξ	Rubber	stroke	Metal stopper with bumper	1	•	0	×	×	0	×	×	end adjuster canno
ZEJ	end	stopper		Shock absorber/RJ	•	•	0	×	×	0	×	×	afterward.
ZEM	stroke		<u>i</u>	Metal stopper	•	•	0	×	×	0	×	×	*5 There is no piping p
ZHC	stro	Shock	Retraction	Metal stopper with bumper			0	×	×	0	×	×	side surface of the *6 The metal stopper
ZHF	L S	absorber/RJ	etr	Rubber stopper	•	•	0	×	×	0	×	×	option is not availal
ZHM	sio		Ē	Metal stopper		•	0	×	×	0	×	×	*7 As there is no mag
ZLC	Extension	Metal		Metal stopper with bumper		•	0	×	×	0	×	×	buffer mechanism,
ZLF	ΙÄ	stopper		Rubber stopper			0	×	×	0	×	×	switches cannot be
ZLJ				Shock absorber/RJ			0	×	×	0	×	×	buffer part.

- ner with the ssembled ol for the position: The ounted
- chanism, the e shorter for djusted by the end adjuster. end adjuster
- ive been e the total ength type can
- raction stroke ot be mounted port on the
- product. with bumper
- able for ø6. gnet in the auto e used on the

#### **Adjuster Mounting Position**



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.

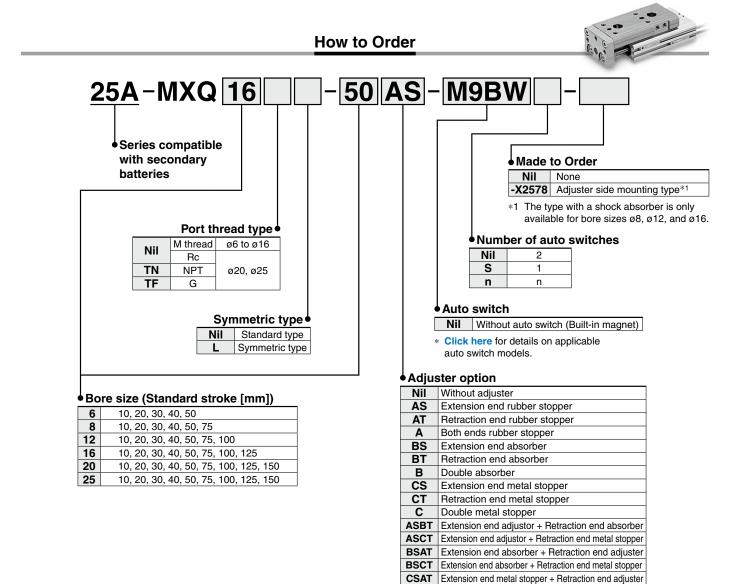
12

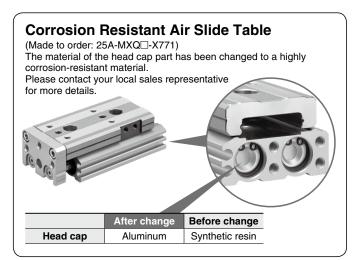
16 20

25









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

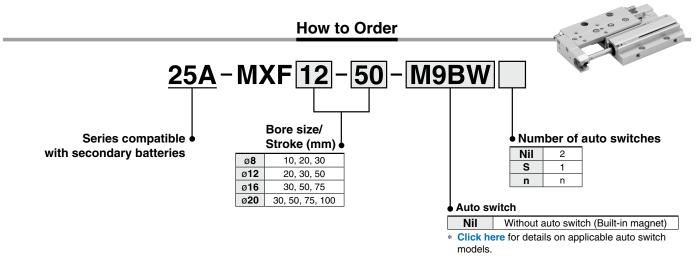
**CSBT** Extension end metal stopper + Retraction end absorber With shock absorber is not available in the 25A-MXQ6

When the adjuster option with shock absorber or metal stopper is used, metal-to-metal collisions occur, and

series.

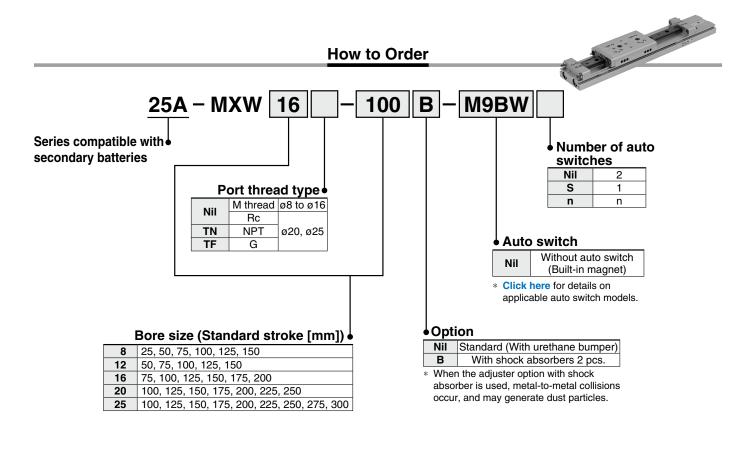
may generate dust particles.

## Low Profile Slide Table **25A-MXF Series** Ø8, Ø12, Ø16, Ø20 RoHS



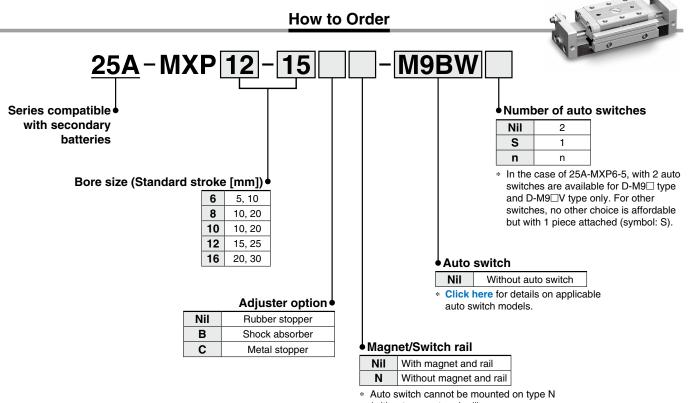
\* The 25A- series specifications and dimensions are the same as those of the standard model.

# Air Slide Table RoHS 25A-MXV Series Ø8, Ø12, Ø16, Ø20, Ø25



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





(without magnet and rail).

\* 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.