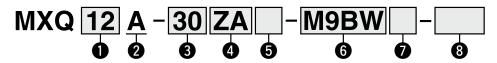
Air Slide Table **Double-ported Type** MXQ LA Series

Ø6, Ø8, Ø12, Ø16, Ø20, Ø25



How to Order



1 Bore	2 Body option: Double-ported type	3 Standard stroke [mm]					
size	A						
6	Switch mounting groove Switch mounting groove	10, 20, 30, 40, 50					
8		10, 20, 30, 40, 50, 75					
12		10, 20, 30, 40, 50, 75, 100					
16	Switch mounting groove Switch mounting groove	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*					

- Because piping ports and auto switch grooves are provided on both sides, only the adjuster part of the centralized adjuster is symmetric.
- The operating speed range of the stroke marked with an asterisk (*) is 50 to 300 mm/s. (Refer to page 13.)

5 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
6	Centralized adjuster
7	Centralized adjuster (Symmetric)
8	Buffer, Centralized adjuster
9	Buffer, Centralized adjuster (Symmetric)

Number of auto switches

auto omite							
Nil	2						
S	1						
n	n						

Made to order For details, refer to the next page.

6 Auto switch

Nil Without auto switch

For applicable auto switches, refer to the next page.

Adjuster options/Functional option combinations

	Adjuster mounting Functional option combination															
					position	n*1*8	Nil	1	2	3	4	5	6	7	8	9
Symbol					Retraction stroke end	Without functional option	*2*3 With buffer	With end lock	Axial piping	With buffer,	*2*6 With Buffer, axial piping	Centralized	*7 Centralized adjuster (Symmetric)	Buffer, Centralized	*2*7 Buffer, Centralized adjuster (Symmetric)	
Z	Wi	thout adjuste	r				0	0	0	0	0	0	×	×	×	×
ZA							0	×	×	0	×	×	0	0	×	×
ZB	Me	etal stopper w	/ith	bumper			0	×	0	0	×	×	×	×	×	×
ZC							0	×	×	0	×	×	0	0	0	0
ZD							0	×	×	0	×	×	0	0	0	0
ZE	Ru	bber stopper					0	0	0	0	0	0	×	×	×	×
ZF							0	×	×	0	×	×	0	0	0	0
ZG						•	0	×	×	0	×	×	0	0	×	×
ZH	Sh	Shock absorber/RJ					0	×	0	0	×	×	×	×	×	×
ZJ						•	0	×	×	0	×	×	0	0	0	0
ZK							0	×	×	0	×	×	0	0	0	0
ZL	Me	etal stopper					0	0	0	0	0	0	×	×	×	×
ZM							0	×	×	0	×	×	0	0	0	0
ZN				Without adjuster	/		0	○*5	×	0	×	○*5	×	×	×	×
ZP	e h	orter total		Rubber stopper			0	×	×	0	×	×	×	×	×	×
ZQ		igth type*4		Shock absorber/RJ			0	×	×	0	×	×	×	×	×	×
ZS	1011	igiii type	ţ.	Metal stopper with bumper] /		0	×	×	0	×	×	×	×	×	×
ZT			adjuster	Metal stopper	/	•	0	×	×	0	×	×	×	×	×	×
ZBF	<u></u>	Metal		Rubber stopper		•	0	×	×	0	×	×	0	0	×	×
ZBJ	adjuster	stopper with	end	Shock absorber/RJ			0	×	×	0	×	×	0	0	×	×
ZBM	흥	bumper		Metal stopper	•	•	0	×	×	0	×	×	0	0	×	×
ZEC		Rubber	stroke	Metal stopper with bumper			0	×	×	0	×	×	0	0	0	0
ZEJ	⊑	stopper	str	Shock absorber/RJ	•	•	0	×	×	0	×	×	0	0	0	0
ZEM		stopper	8	Metal stopper		•	0	×	×	0	×	×	0	0	0	0
ZHC	stroke	Shock	ਰਿੱ	Metal stopper with bumper	•	•	0	×	×	0	×	×	0	0	×	×
ZHF	stopper your Shock absorber/RJ		ţa	Rubber stopper		•	0	×	×	0	×	×	0	0	×	×
ZHM			8	Metal stopper	•	•	0	×	×	0	×	×	0	0	×	×
ZLC	Sue	Metal		Metal stopper with bumper		•	0	×	×	0	×	×	0	0	0	0
ZLF	ᄝ			Rubber stopper		•	0	×	×	0	×	×	0	0	0	0
ZLJ	யி stopper			Shock absorber/RJ	•	•	0	×	×	0	×	×	0	0	0	0

- •: 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.

 *3 If it is necessary to install a retraction stroke end adjuster with a buffer mechanism, use a buffer and centralized adjuster provided with a retraction stroke end adjuster on the rear end of the body. End lock or axial piping options cannot be mounted to centralized adjuster specification models.
- *4 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.
- *6 For axial piping, there are no piping ports on both sides. *7 Only the centralized adjuster is symmetric.
- For details on the adjuster mounting position, refer to the next page.
- *9 The metal stopper with bumper option is not available for ø6.

Air Slide Table/Double-ported Type MXQ A Series



Applicable Auto Switches/Refer to the Web Catalog for further information on auto switches.

<u> </u>	Applicable Acto Owtones, refer to the web datalog for further information on acto switches.															
		Clastwise.	후	Wiring	L	oad volta	ge	Auto swit	ch model	Lead	wire I	ength	n [m]]		
Туре	Special function	Electrical entry	Indicator light	(Output)	DC		AC	Perpendicular	In-line	0.5 (Nil)	1 (M)	3 (L)	5 (Z)	Pre-wired connector	Applica	ble load
<u>_</u>				3-wire (NPN)		5 V, 12 V	M9NV	M9N	•	•	•	0	0	IC circuit		
switch	_			3-wire (PNP)				M9PV	M9P	•	•	•	0	0	ic circuit	
S				2-wire		12 V		M9BV	M9B	•	•	•	0	0	_	
auto	Diagnostic indication (2-color indicator)	Grommet		3-wire (NPN)		5 V, 12 V		M9NWV	M9NW	•	•	•	0	0	IC circuit	Dolov
ā			Yes	3-wire (PNP)	24 V		_	M9PWV	M9PW	•	•	•	0	0	PLC	1 21
state				2-wire			<u>/</u>	M9BWV	M9BW	•	•	•	0	0		
<u>ज</u>	Water resistant			3-wire (NPN)		5 V, 12 V		M9NAV*1	M9NA*1	0	0	•	0	0	IC circuit	
Solid				3-wire (PNP)	$\overline{)}$			M9PAV*1	M9PA*1	0	0	•	0	0	ic circuit	
Ň	(2-color indicator)			2-wire				M9BAV*1	M9BA*1	0	0	•	0	0	_	
eed auto switch		_	Yes	3-wire (Equiv. to NPN)	_	5 V	_	A96V	A96	•	_	•	_	_	IC circuit	_
Reed	_	Grommet		0.00	24.1/	10.1/	100 V	A93V*2	A93	•	•	•	•	_	_	Relay,
~ ~			None	∠-wire	2-wire 24 V	12 V	100 V or less	A90V	A90	•		•		_	IC circuit	PLC

- *1 Water-resistant type auto switches can be mounted on the above models, but SMC cannot guarantee water resistance. A water-resistant type cylinder is recommended for use in an environment which requires water resistance.
- *2 1 m lead wire is only applicable to the D-A93.
- * Lead wire length symbols: 0.5 m Nil (Example) M9NW
 - 1 m ······ M (Example) M9NWM
 - 3 mL (Example) M9NWL
 - 5 m ······ Z (Example) M9NWZ
- * Solid state auto switches marked with "O" are produced upon receipt of order.
- Since there are applicable auto switches other than those listed above, refer to page 125 for details.
- For details about auto switches with pre-wired connectors, refer to the Web Catalog.
- Auto switches are shipped together, but not assembled.



Made to Order

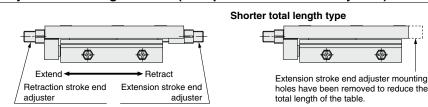
(For details, refer to pages 127 to 156.)

Symbol	Specifications
-X7	PTFE grease
-X9	Grease for food processing equipment
-X11	Long adjustment bolt (10 mm longer adjustment range)
-X12	Long adjustment bolt (20 mm longer adjustment range)
-X28	Long adjustment nut and bolt
-X33	Without built-in auto switch magnet
-X39	Fluororubber seal
-X42	Anti-corrosive guide unit
-X580	Low-speed specification (15 to 50 mm/s)
-X2128	Heat-resistant specification (-10 to 100°C)
-X2192	Dual stroke specification
-X2202	Extension stroke end adjuster fixed from the axial direction

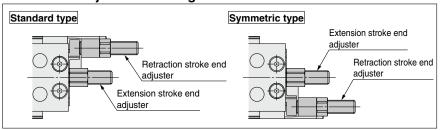
Moisture Control Tube **IDK Series**

When operating an actuator with a small diameter and a short stroke at a high frequency, dew condensation (water droplets) may occur inside the piping depending on the conditions. Simply connecting the moisture control tube to the actuator will prevent dew condensation from occurring. For details, refer to the Web Catalog.

Adjuster Mounting Position (Exception: Centralized Adjuster)



Centralized Adjuster Mounting Position





Be sure to read "Specific Product Precautions" ■ before handling. Refer to page 195.

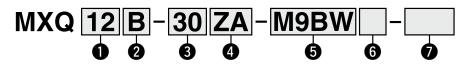
Air Slide Table Low Thrust with High Rigidity Type

MXQ□B Series

Ø6, Ø8, Ø12, Ø16, Ø20



How to Order



0	2 Bo	dy option	3 Standard stroke [mm]					
Bore	Standard type	Symmetric type						
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	<u> </u>	`•3 @ ••••	10, 20, 30, 40, 50, 75, 100, 125					
16	Port Port Switch mounting groove Switch mounting groove	*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.
- * The operating speed range of the strokes marked with an asterisk (*) is 50 to 300 mm/s. (Refer to page 55.)

4 Adjuster options

Symbol		Adju	Adjuster posit	mounting ion*1		
			Extension stroke end	Retraction stroke end		
Z	Wit	hout adjuster				
ZA			•	•		
ZB	Me	tal stopper with bum	•			
ZC				•		
ZD					•	•
ZE	Ru	bber stopper			•	
ZF						•
ZG					•	•
ZH	Sh	ock absorber/RJ			•	
ZJ						•
ZK					•	•
ZL	Me	tal stopper			•	
ZM						•
ZN				Without adjuster	/	
ZP	Sh	orter total		Rubber stopper	/	•
ZQ		gth type*2		Shock absorber/RJ	/	•
ZS			Ę	Metal stopper with bumper	1/	•
ZT		Г	end adjuster	Metal stopper	<u>/</u>	•
ZBF	_	Metal stopper with	ad	Rubber stopper	•	•
ZBJ	adjuster	bumper	P	Shock absorber/RJ	•	•
ZBM	흜		9	Metal stopper	•	•
ZEC	da		Retraction stroke	Metal stopper with bumper		•
ZEJ	end	Rubber stopper	l st	Shock absorber/RJ	•	•
ZEM	ķe		ţi	Metal stopper	•	•
ZHC	strc	Charleshaanhaa/D.L	rac	Metal stopper with bumper	•	•
ZHF	-C	Shock absorber/RJ	Ret	Rubber stopper	•	•
ZHM	Extension stroke		-	Metal stopper	•	•
ZLC	xte	Matal ataması		Metal stopper with bumper		•
ZLF	Ш	Metal stopper		Rubber stopper Shock absorber/R.I	•	•

6 Auto switch

Nil Without auto switch* For applicable auto switches, refer to the next page.

6 Number of auto switches

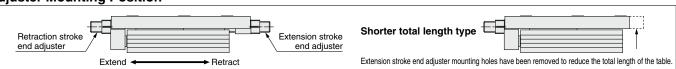
Nil	2
S	1
n	n

Made to order

For details, refer to the next page.

- 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



Model Selection

Applicable Auto Switches/Refer to the Web Catalog for further information on auto switches.

		Flootwicel	r to	Wiring	L	oad volta	ge	Auto swit	ch model	Lead	wire l	ength	n [m]	Due suived		
Туре	Special function	Electrical entry	Indicator light	(Output)	DC		AC	Perpendicular	In-line	0.5 (Nil)	1 (M)	3 (L)	5 (Z)	Pre-wired connector	Applical	ble load
Ę				3-wire (NPN)		5 V, 12 V		M9NV	M9N	•		•	0	0	IC circuit	
switch	_			3-wire (PNP)		5 V, 12 V		M9PV	M9P	•	•	•	0	0	IC circuit	
S				2-wire		12 V	<u>v</u> – [M9BV	M9B	•		•	0	0	_	
auto	Diagnostic indication (2-color indicator)	Grommet		3-wire (NPN)		5 V, 12 V		M9NWV	M9NW	•	•	•	0	0	IC circuit	Dolov
a			Yes	3-wire (PNP)	24 V			M9PWV	M9PW	•		•	0	0	PLC	Relay,
state				2-wire				M9BWV	M9BW	•	•	•	0	0		PLC
<u> </u>	Water resistant			3-wire (NPN)		5 V, 12 V		M9NAV*1	M9NA*1	0	0	•	0	0	IC circuit	
Solid				3-wire (PNP)				M9PAV*1	M9PA*1	0	0	•	0	0	IC CIRCUIT	
ŭ	(2-color indicator)			2-wire		12 V		M9BAV*1	M9BA*1	0	0	•	0	0	_	
eed auto switch		Grommet	Yes	3-wire (Equiv. to NPN)	_	5 V	_	A96V	A96	•	_	•	_	_	IC circuit	_
Reed	_	Grommet		2-wire 2	04.1/	12 V	100 V	A93V*2	A93	•		•	•	_	_	Relay,
œ "			None		24 V		100 V or less	A90V	A90	•	_	•	_	_	IC circuit	PLC

- *1 Water-resistant type auto switches can be mounted on the above models, but SMC cannot guarantee water resistance. A water-resistant type cylinder is recommended for use in an environment which requires water resistance.
- *2 1 m lead wire is only applicable to the D-A93.
- * Lead wire length symbols: 0.5 mNil (Example) M9NW
 - 1 m ·······M (Example) M9NWM
 - 3 m ······L (Example) M9NWL
 - 5 m ······Z (Example) M9NWZ
- Solid state auto switches marked with "O" are produced upon receipt of order.
- Since there are applicable auto switches other than those listed above, refer to page 125 for details.
- For details about auto switches with pre-wired connectors, refer to the Web Catalog.
- Auto switches are shipped together, but not assembled.



Made to Order

(For details, refer to pages 127 to 156.)

Specifications
PTFE grease
Grease for food processing equipment
Long adjustment bolt (10 mm longer adjustment range)
Long adjustment bolt (20 mm longer adjustment range)
Long adjustment nut and bolt
Without built-in auto switch magnet
Fluororubber seal
Anti-corrosive guide unit
Low-speed specification (15 to 50 mm/s)
Heat-resistant specification (-10 to 100°C)
Extension stroke end adjuster fixed from the axial direction

Moisture **Control Tube IDK Series**

When operating an actuator with a small diameter and a short stroke at a high frequency, dew condensation (water droplets) may occur inside the piping depending on the conditions. Simply connecting the moisture control tube to the actuator will prevent dew condensation from occurring. For details, refer to the Web Catalog.

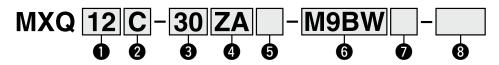
⚠ Precautions

Be sure to read "Specific Product Precautions" ■ before handling. Refer to page 195.

Air Slide Table **Single Side-ported Type** MXQ C Series ø8, ø12



How to Order



0	2 Bod	3 Standard					
Bore	Standard type	Symmetric type	stroke [mm]				
size	С	CL					
8	Port Switch mounting groove	Switch mounting groove Port	10, 20, 30, 40, 50,				
0		7	75				
12			10, 20, 30, 40, 50,				
12			75, 100				

5 Functional options

	-	2 Bod	y option						
Symbol	Functional option	Standard type	Symmetric type						
		С	CL						
Nil	Without functional option								
1	With buffer	0							
2	With end lock	0							
3	Axial piping	0							
4	With buffer, end lock								
5	With buffer, axial piping	0							
6	Centralized adjuster	0	×						
7	Centralized adjuster (Symmetric)	×	0						
8	Buffer, Centralized adjuster	0	×						
9	Buffer, Centralized adjuster (Symmetric)	×	0						

6 Auto switch

Nil Without auto switch

For applicable auto switches, refer to the next page.

Number of auto switches

S

Made to order For details, refer to the next page.

Adjuster options/Functional option combinations

					Adjuster	mounting				Funct	ional opti	on combi	ination			
					position	on*1*6	Nil	1	2	3	4	5	6	7	8	9
Symbol	, ,,					Retraction stroke end	Without functional option	*2*3 With buffer	With end lock	Axial piping			Centralized	*8 Centralized adjuster (Symmetric)	*2*7 Buffer, Centralized adjuster	
Z	Wit	thout adjuste	r				0	0	0	0	0	0	×	×	×	×
ZA					•	•	0	×	×	0	×	×	0	0	×	×
ZB	Me	tal stopper w	/ith	bumper	•		0	×	0	0	×	×	×	×	×	×
ZC						•	0	×	×	0	×	×	0	0	0	0
ZD					•	•	0	×	×	0	×	×	0	0	0	0
ZE	Ru	bber stopper			•		0	0	0	0	0	0	×	×	×	×
ZF						•	0	×	×	0	×	×	0	0	0	0
ZG					•	•	0	×	×	0	×	×	0	0	×	×
ZH	Sh	Shock absorber/RJ					0	×	0	0	×	×	×	×	×	×
ZJ						•	0	×	×	0	×	×	0	0	0	0
ZK				•	•	0	×	×	0	×	×	0	0	0	0	
ZL	Me	Metal stopper			•		0	0	0	0	0	0	×	×	×	×
ZM		• •				•	0	×	×	0	×	×	0	0	0	0
ZN				Without adjuster	/		0	○*5	×	0	×	○*5	×	×	×	×
ZP	Cha	ortor overall		Rubber stopper] /	•	0	×	×	0	×	×	×	×	×	×
ZQ		orter overall gth type*4		Shock absorber/RJ		•	0	×	×	0	×	×	×	×	×	×
ZS	ıcıı	giii type	ter	Metal stopper with bumper] /	•	0	×	×	0	×	×	×	×	×	×
ZT			adjuster	Metal stopper	/	•	0	×	×	0	×	×	×	×	×	×
ZBF	_	Metal	ad	Rubber stopper	•	•	0	×	×	0	×	×	0	0	×	×
ZBJ	adjuster	stopper with	end	Shock absorber/RJ	•	•	0	×	×	0	×	×	0	0	×	×
ZBM	릙	bumper		Metal stopper	•	•	0	×	×	0	×	×	0	0	×	×
ZEC		Rubber	stroke	Metal stopper with bumper	•	•	0	×	×	0	×	×	0	0	0	0
ZEJ	⊆ I		str	Shock absorber/RJ	•	•	0	×	×	0	×	×	0	0	0	0
ZEM		stopper	5	Metal stopper	•	•	0	×	×	0	×	×	0	0	0	0
ZHC	stroke	Shock	Retraction	Metal stopper with bumper	•	•	0	×	×	0	×	×	0	0	×	×
ZHF		absorber/RJ	tra	Rubber stopper	•	•	0	×	×	0	×	×	0	0	×	×
ZHM	١٥	ansolnel/NJ	æ	Metal stopper	•	•	0	×	×	0	×	×	0	0	×	×
ZLC	SL	Metal		Metal stopper with bumper	•	•	0	×	×	0	×	×	0	0	0	0
ZLF	\sim			Rubber stopper	•	•	0	×	×	0	×	×	0	0	0	0
ZLJ	யி stopper			Shock absorber/RJ	•	•	0	×	×	0	×	×	0	0	0	0

- •: 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 If it is necessary to install a retraction stroke end adjuster with a buffer mechanism, use a buffer and centralized adjuster provided with a retraction stroke end adjuster on the rear end of the body. End lock or axial piping options cannot be mounted to centralized adjuster specification models.
- *4 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.
- *6 For details on the adjuster mounting position, refer to the next page.
- *7 Not applicable to the symmetric type
- *8 Not applicable to the standard type

Model Selection

Applicable Auto Switches/Refer to the Web Catalog for further information on auto switches.

	Applicable Acto Ciritories to the web catalog for future information on acto switches.															
		Floatrical	Į Į	Wiring	L	oad voltag	ge	Auto swite	ch model	Lead	wire le	ength	າ [m]	Dro wired		
Туре	Special function	Electrical entry	Indicator light	(Output)	C	С	AC	Perpendicular	In-line	0.5 (Nil)		3 (L)	5 (Z)		I ∆nnlicar	able load
ج		1		3-wire (NPN)	5 V, 12 V		M9NV	M9N	•		•	0	0	IC oirquit		
switch		1	'	3-wire (PNP)	1	5 V, 12 V	, ſ	M9PV	M9P	•		•	0	0	IC circuit	
	1	1	'	2-wire	ı	12 V	, ,	M9BV	M9B	•		•	0	0		
auto	Diagnostic indication	1	'	3-wire (NPN)	1	5 V 10 V	, j	M9NWV	M9NW	•	•	•	0	0	IC circuit	Dolov
	Diagnostic indication	Grommet	Yes	3-wire (PNP)	24 V	5 V, 12 V	, — 「	M9PWV	M9PW	•		•	0	0	IC circuit	3.1
state	(2-color indicator)	1	'	2-wire	1	12 V	, j	M9BWV	M9BW	•	•	•	0	0		PLC
ठ	Motor resistant	1	'	3-wire (NPN)	1	5 V 10 V	ı İ	M9NAV*1	M9NA*1	0	0	•	0	0	IC aireatit	
Solid	Water resistant	1	'	3-wire (PNP)	1	5 V, 12 V		M9PAV*1	M9PA*1	0	0	•	0	0	IC circuit	
ű	(2-color indicator)	í'	!	2-wire	i	12 V	,	M9BAV*1	M9BA*1	0	0		0	0	_	1
eed auto switch		Crommot	Yes	3-wire (Equiv. to NPN)		5 V	_	A96V	A96	•		•	-	_	IC circuit	
Reed		Grommet	'	Queiro	24.1/	10.1/	100 V	A93V*2	A93	•		•	•			Relay,
8	1	1	None	2-wire	24 V	12 V	100 V or less	A90V	A90	•		•	$\overline{-}$		IC circuit	PLC

- *1 Water-resistant type auto switches can be mounted on the above models, but SMC cannot guarantee water resistance. A water-resistant type cylinder is recommended for use in an environment which requires water resistance.
- *2 1 m lead wire is only applicable to the D-A93.
- * Lead wire length symbols: 0.5 mNil (Example) M9NW

1 m M (Example) M9NWM

3 mL (Example) M9NWL

- 5 m Z (Example) M9NWZ
- * Solid state auto switches marked with "O" are produced upon receipt of order. * Since there are applicable auto switches other than those listed above, refer to page 125 for details.
- * For details about auto switches with pre-wired connectors, refer to the Web Catalog.
- * Auto switches are shipped together, but not assembled.



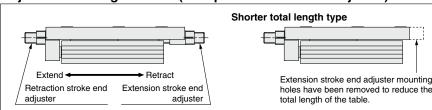
Made to Order (For details, refer to pages 127 to 156.)

Symbol	Specifications
-X7	PTFE grease
-X9	Grease for food processing equipment
-X11	Long adjustment bolt (10 mm longer adjustment range)
-X12	Long adjustment bolt (20 mm longer adjustment range)
-X28	Long adjustment nut and bolt
-X33	Without built-in auto switch magnet
-X39	Fluororubber seal
-X42	Anti-corrosive guide unit
-X580	Low-speed specification (15 to 50 mm/s)
-X2128	Heat-resistant specification (-10 to 100°C)
-X2202	Extension stroke end adjuster fixed from the axial direction

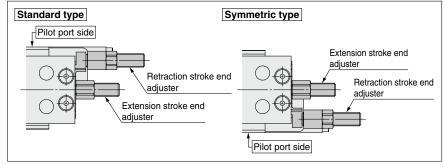
Moisture **Control Tube IDK Series**

When operating an actuator with a small diameter and a short stroke at a high frequency, dew condensation (water droplets) may occur inside the piping depending on the conditions. Simply connecting the moisture control tube to the actuator will prevent dew condensation from occurring. For details, refer to the Web Catalog.

Adjuster Mounting Position (Exception: Centralized Adjuster)



Centralized Adjuster Mounting Position





Be sure to read "Specific Product Precautions" before handling. Refer to page 195.

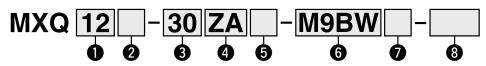
Air Slide Table Height Interchangeable Type

MXQ Series

Ø6, Ø8, Ø12, Ø16, Ø20, Ø25



How to Order



0	2 Bod	y option	
Bore	Standard type	Symmetric type	Standard stroke [mm]
size	Nil	L	
6	Port Switch mounting groove	Switch mounting groove Port	10, 20, 30, 40, 50
8			10, 20, 30, 40, 50, 75
12			10, 20, 30, 40, 50, 75, 100
16	Switch mounting groove Switch mounting groove		10, 20, 30, 40, 50, 75, 100, 125
20		*1	10, 20, 30, 40, 50, 75, 100,
0	2 100 0 00 2	_*'	125, 150
25	Port Port		10, 20, 30, 40, 50, 75, 100,
23			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. Only the adjuster part of the centralized adjuster is symmetric.
- The operating speed range of the stroke marked with an asterisk (*) is 50 to 300 mm/s. (Refer to page 85.)

5 Functional options

		2 Body option								
		Bore size								
Symbol	Functional option	6, 8	16, 20, 25							
		Standard type	Symmetric type	Standard type						
		Nil	L	Nil						
Nil	Without functional option	0								
1	With buffer		0							
2	With end lock	0								
3	Axial piping	0								
4	With buffer, end lock	0								
5	With buffer, axial piping	0								
6	Centralized adjuster	0	×	0						
7	Centralized adjuster (Symmetric)	×	0	0						
8	Buffer, Centralized adjuster	0	×	0						
9	Buffer, Centralized adjuster (Symmetric)	×	0	0						

6 Auto switch Nil Without auto switch

For applicable auto switches. refer to the next page.

Number of auto switches Nil

n

n

Made to order For details, refer to the next page. 2 1

Adjuster options/Functional option combinations

						mounting				Functi	onal opti	on combi	ination			
					positi	on*1*8	Nil	1	2	3	4	5	6	7	8	9
Symbol	Adjuster type*9				Extension stroke end	Retraction stroke end	Without functional option	*2*3 With buffer	With end lock	Axial piping	With buffer,		Centralized		*2*10 Buffer, Centralized adjuster	
Z	W	ithout adjuste	r				0	0	0	0	0	0	×	×	×	×
ZA					•	•	0	×	×	0	×	×	0	0	×	×
ZB	Me	etal stopper w	/ith	bumper	•		0	×	0	0	×	×	×	×	×	×
ZC						•	0	×	×	0	×	×	0	0	0	0
ZD					•	•	0	×	×	0	×	×	0	0	0	0
ZE	Rι	ubber stopper			•		0	0	0	0	0	0	×	×	×	×
ZF						•	0	×	×	0	×	×	0	0	0	0
ZG					•	•	0	×	×	0	×	×	0	0	×	×
ZH	Sr	Shock absorber/RJ			•		0	×	0	0	×	×	×	×	×	×
ZJ						•	0	×	×	0	×	×	0	0	0	0
ZK	Metal stopper			•	•	0	×	×	0	×	×	0	0	0	0	
ZL				•		0	0	0	0	0	0	×	×	×	×	
ZM						•	0	×	×	0	×	×	0	0	0	0
ZN				Without adjuster	/		0	○*5	×	0	×	○*5	×	×	×	×
ZP	Sh	norter total		Rubber stopper	/	•	0	×	×	0	×	×	×	×	×	×
ZQ		ath type*4		Shock absorber/RJ	/	•	0	×	×	0	×	×	×	×	×	×
ZS		igui typo	tel	Metal stopper with bumper	1/	•	0	×	X	0	×	×	×	×	×	×
ZT			adjuster	Metal stopper	<u>/</u>	•	0	×	×	0	×	×	×	×	×	×
ZBF	7	Metal		Rubber stopper	•	•	0	×	×	0	×	×	0	0	×	×
ZBJ	adjuster	stopper with	end	Shock absorber/RJ	•	•	0	×	×	0	×	×	0	0	×	×
ZBM	늘	bumper		Metal stopper	•	•	0	×	×	0	×	×	0	0	×	×
ZEC		Rubber	stroke	Metal stopper with bumper	•	•	0	×	×	0	×	×	0	0	0	0
ZEJ	end	stopper		Shock absorber/RJ	•	•	0	×	×	0	×	×	0	0	0	0
ZEM	ě	0.3pp0.	o	Metal stopper	•	•	0	×	×	0	×	×	0	0	0	0
ZHC	stroke	Shock	Retraction	Metal stopper with bumper	•	•	0	×	×	0	×	×	0	0	×	×
ZHF		absorber/RJ	etre	Rubber stopper	•	•	0	×	×	0	×	×	0	0	×	×
ZHM	Sio	22001001/110	ď	Metal stopper	•	•	0	×	×	0	×	×	0	0	×	×
ZLC	ens	Metal		Metal stopper with bumper	•	•	0	×	×	0	×	×	0	0	0	0
ZLF	Extension	stopper		Rubber stopper	•	•	0	×	×	0	×	×	0	0	0	0
ZLJ		оторрог		Shock absorber/RJ	•	•	0	×	×	0	×	×	0	0	0	0

- *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 If it is necessary to install a retraction stroke end adjuster with a buffer mechanism, use a buffer and centralized adjuster provided with a retraction stroke end adjuster on the rear end of the body. End lock or axial piping options cannot be mounted to centralized adjuster specification models.
- *4 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.
- *6 For axial piping, there is no piping port on the side.
 *7 For ø16 to ø25, only the centralized adjuster is symmetric.
- *8 For details on the adjuster mounting position, refer to the next page.
 *9 The metal stopper with bumper option is not available for ø6.
 *10 Not applicable to the symmetric type

- *11 Not applicable to the standard type

Model Selection



Applicable Auto Switches/Refer to the Web Catalog for further information on auto switches.

		Electrical	ndicator light	Wiring	L	oad volta	ge	Auto swit	ch model	Lead	wire	lengt	h [m]	Pre-wired				
Type	Special function	entry		(Output)	С	C	AC	Perpendicular	In-line	0.5 (Nil)	1 (M)	3 (L)	5 (Z)	connector	Applicat	ole load		
Ę				3-wire (NPN)		5 V, 12 V		M9NV	M9N				0	0	IC			
switch	_			3-wire (PNP)	3 V, 12 V		M9PV	M9P	•	•	•	0	0	circuit				
				2-wire		12 V		M9BV	M9B		•	•	0	0	_			
auto	Diagnostic indication	1				3-wire (NPN)		5 V, 12 V		M9NWV	M9NW	•	•	•	0	0	IC	Relay,
		Grommet	Yes	3-wire (PNP)	24 V 2-wire 8-wire (NPN)	5 V, 12 V	_	M9PWV	M9PW	•	•	•	0	0	circuit	circuit PLC		
state	(2-color indicator)	cator)		2-wire		12 V		M9BWV	M9BW	•	•	•	0	0	_			
S	Water resistant			3-wire (NPN)		5 V, 12 V		M9NAV*1	M9NA*1	0	0	•	0	0	IC			
Solid	(2-color indicator)			3-wire (PNP)				M9PAV*1	M9PA*1	0	0	•	0	0	circuit			
ŭ	(2-color indicator)			2-wire		12 V		M9BAV*1	M9BA*1	0	0	•	0	0	_			
auto tch	Reed auto switch	0	Yes	3-wire (Equiv. to NPN)	_	5 V	_	A96V	A96	•	_	•	-	_	IC circuit	_		
eed swi		Grommet		2-wire	24 V	12 V	100 V	A93V*2	A93	•	•	•	•	_	_	Relay,		
œ			None	2-wile	24 V	12 V	100 V or less	A90V	A90	•	_	•	_	_	IC circuit	PLC		

- *1 Water-resistant type auto switches can be mounted on the above models, but SMC cannot guarantee water resistance. A water-resistant type cylinder is recommended for use in an environment which requires water resistance.
- *2 1 m lead wire is only applicable to the D-A93.
- * Lead wire length symbols: 0.5 mNil (Example) M9NW

1 m M (Example) M9NWM 3 m L (Example) M9NWL

5 m ······ Z (Example) M9NWZ

- * Solid state auto switches marked with "O" are produced upon receipt of
- Since there are applicable auto switches other than those listed above, refer to page 125 for details.
- For details about auto switches with pre-wired connectors, refer to the Web Catalog.
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Made to

Made to Order

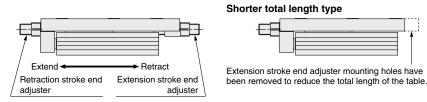
(For details, refer to pages 127 to 156.)

Symbol	Specifications
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-X9	Grease for food processing equipment
-X11	Long adjustment bolt (10 mm longer adjustment range)
-X12	Long adjustment bolt (20 mm longer adjustment range)
-X28	Long adjustment nut and bolt
-X33	Without built-in auto switch magnet
-X39	Fluororubber seal
-X42	Anti-corrosive guide unit
-X580	Low-speed specification (15 to 50 mm/s)
-X2100	End plate compatible with the current MXQ series
-X2128	Heat-resistant specification (-10 to 100°)
-X2200	Side adjuster specification
-X2201	Combined use of shock absorber + metal stopper
-X2202	Extension stroke end adjuster fixed from the axial direction

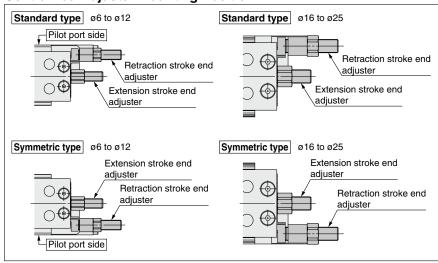
Moisture **Control Tube IDK Series**

When operating an actuator with a small diameter and a short stroke at a high frequency, dew condensation (water droplets) may occur inside the piping depending on the conditions. Simply connecting the moisture control tube to the actuator will prevent dew condensation from occurring. For details, refer to the Web Catalog.

Adjuster Mounting Position (Exception: Centralized Adjuster)



Centralized Adjuster Mounting Position



Precautions

Be sure to read "Specific Product Precautions" before handling. Refer to page 195.