

# Made to Order Common Specifications: -XC22: Fluororubber Seals



## 29 Fluororubber Seals

Symbol  
**-XC22**

### Applicable Series

Series	Description	Model	Action	Note	Vol. no. (for std model)
CJP	Pin cylinder	CJPB-Z	Single acting (Panel mounting)	Except ø4	
		CJPS-Z	Single acting (Embedded)	Except ø4	
		CJP2	Double acting, Single rod	Except ø4, Packing set (6)	
		CJPB	Single acting (Panel mounting)	Except ø4	
		CJPS	Single acting (Embedded)	Except ø4	
CJ2	Air cylinder	CJ2-Z	Double acting, Single rod Single acting (Spring return/extend)	Except with air cushion	Web Catalog
		CJ2W-Z	Double acting, Double rod	Except with air cushion	
	Non-rotating rod type	CJ2K-Z	Double acting, Single rod		
	Direct mount type	CJ2R-Z	Double acting, Single rod		
CM2	Air cylinder	CM2-Z	Double acting, Single rod		
		CM2W-Z	Double acting, Double rod		
	Non-rotating rod type	CM2K-Z	Double acting, Single rod		
		CM2KW-Z	Double acting, Double rod		
	Direct mount type	CM2R-Z	Double acting, Single rod		
	Non-rotating rod, Direct mount type	CM2RK-Z	Double acting, Single rod		
End lock cylinder	CBM2	Double acting, Single rod			
CG1	Air cylinder	CG1-Z	Double acting, Single rod	Without a bumper for cylinders with a rubber bumper	(4)
	Double rod type	CG1W-Z	Double acting, Double rod	Without a bumper for cylinders with a rubber bumper	
	Direct mount type	CG1R-Z	Double acting, Single rod	Without a bumper for cylinders with a rubber bumper	
MB	Air cylinder	MB-Z	Double acting, Single rod	Except ø125, Air cushion only	
		MBW-Z	Double acting, Double rod	Except ø125, Air cushion only	
MB1	Air cylinder	MB1-Z	Double acting, Single rod	Except ø125, Air cushion only	
		MB1W-Z	Double acting, Double rod	Except ø125, Air cushion only	
CA2	Air cylinder	CA2-Z	Double acting, Single rod	Air cushion only	
		CA2W-Z	Double acting, Double rod	Air cushion only	
	End lock cylinder	CBA2	Double acting, Single rod		
CS1	Air cylinder	CS1	Double acting, Single rod	Applicable bore: Lube type 125 to 300, Non-lube type 125 to 200	
CS2	Air cylinder	CS2	Double acting, Single rod	Applicable to ø125 to ø160	Web Catalog
		CS2W	Double acting, Double rod	Applicable to ø125 to ø160	
CUJ	Mini free mount cylinder	CUJ	Double acting, Single rod	Except ø4, ø12 to ø20: A bumper is a standard product.	
CU	Free mount cylinder	CU	Double acting, Single rod Single acting (Spring return/extend)		
		CUK	Double acting, Single rod		
	Non-rotating rod type	CUK	Single acting (Spring return/extend)		
	Long stroke	CU	Double acting, Single rod		
	Long stroke, Non-rotating	CUK	Double acting, Single rod		
MGP	Compact guide cylinder	MGPM-Z	Double acting	Slide bearing only	
	Heavy duty guide rod type	MGPS	Double acting		
MGQ	Compact guide cylinder	MGQM	Double acting	Slide bearing only	(5)
MGG	Guide cylinder	MGG	Double acting	Without rubber bumper	
MGC	Guide cylinder	MGC	Double acting		
CEP1	High precision stroke reading cylinder	CEP1	Double acting, Single rod		
MXH	Compact slide	MXH-Z	Double acting		
CXS	Dual rod cylinder	CXS	Double acting		Web Catalog
CXSJ	Dual rod cylinder compact type	CXSJ	Double acting		
CX2	Slide unit	CX2	Double acting		
CXW	Slide unit	CXW	Double acting		
MK	Rotary clamp cylinder	MK	Double acting	The bumper is a standard product.	

### How to Order

Standard model no. **-XC22**

Fluororubber seals

### Specifications

Seal material	Fluororubber	
Ambient temperature range	With auto switch : -10 to 60°C (0°C to 60°C for CS1, CS2 series) Without auto switch : -10 to 70°C (0°C to 70°C for CS1, CS2 series)	Note 1) (No freezing)
Specifications other than above and external dimensions	Same as standard type for each series	

Note 1) Please confirm with SMC, as the type of chemical and the operating temperature may not allow the use of this product.

Note 2) Cylinders with auto switches can also be produced; however, auto switch related parts (auto switch units, mounting brackets, built-in magnets) are the same as standard products. Before using these, please contact SMC regarding their suitability for the operating environment.

Note 3) The MGQ series is using a shock absorber RBL type.

Note 4) No cushion is equipped for N type. Piston speed is ranged from 50 to 500 mm/s.

Note 5) The MGP and MGQ series are without a cushion.

Confirm the kinetic energy.

Note 6) Refer to the construction of the standard type for the details of the packing set for CJP2□6,10 and 16.

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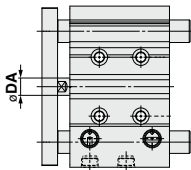
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Symbol  
**-XC22**

### How to Order

MGPM  **-XC22**  
Fluororubber seals

### Dimensions



(mm)			
Bore size (mm)	DA	Bore size (mm)	DA
<b>12</b>	(6)	<b>40</b>	(14)
<b>16</b>	(8)	<b>50</b>	20
<b>20</b>	(10)	<b>63</b>	20
<b>25</b>	(10)	<b>80</b>	25
<b>32</b>	(14)	<b>100</b>	30

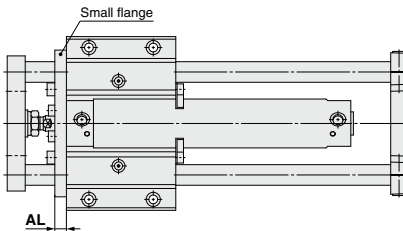
The dimensions in ( ) are the same as standard type.

### How to Order

MGC  **-XC22**  
Fluororubber seals

### Dimensions (Dimensions other than below are the same as standard type.)

#### MGCLB series



(mm)	
Bore size (mm)	AL
<b>20</b>	9
<b>25</b>	9
<b>32</b>	9
<b>40</b>	12
<b>50</b>	12