

Made to Order Common Specifications: -XC6: Made of Stainless Steel



18 Made of Stainless Steel

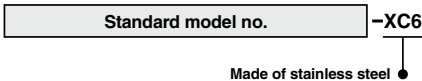
Suitable for the cases it is likely to generate rust by being immersed in the water and corrosion.

Applicable Series

Series	Description	Model	Action	Vol. no. (for std model)
CM2	Air cylinder	CM2-Z	Double acting, Single rod Single acting (Spring return/extended)	②-1 From P. 172
		CM2W-Z	Double acting, Double rod	
	Non-rotating rod type	CM2K-Z	Double acting, Single rod Single acting (Spring return/extended)	
		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	
	Centralized piping type	CM2□□	Double acting, Single rod	
	Smooth cylinder	CM2Y-Z	Double acting, Single rod	
	Air-hydro type	CM2H-Z	Double acting, Single rod	
	Direct mount type, air-hydro type	CM2RH-Z	Double acting, Single rod	
End lock cylinder	CBM2	Double acting, Single rod		
CG1	Air cylinder	CG1-Z	Double acting, Single rod Single acting (Spring return)	②-1 From P. 292
	Double rod type	CG1W-Z	Double acting, Double rod	
	Direct mount type	CG1R-Z	Double acting, Single rod	
	Smooth cylinder	CG1Y-Z	Double acting, Single rod	
MB ⁽²⁾	Air cylinder	MB	Double acting, Single rod	②-1 From P. 392
	Non-rotating rod type	MBW	Double acting, Double rod	
		MBK	Double acting, Single rod	
MB1 ⁽²⁾	Air cylinder	MB1-Z ⁽⁴⁾	Double acting, Single rod	②-1 From P. 440
	Non-rotating rod type	MB1W-Z ⁽⁴⁾	Double acting, Double rod	
		MB1K-Z	Double acting, Single rod	
CA2 ⁽²⁾	Air cylinder	CA2	Double acting, Single rod	②-1 From P. 470
	End lock cylinder	CA2W	Double acting, Double rod	
	Air-hydro type	CBA2 ⁽¹⁾	Double acting, Single rod	
	Smooth cylinder	CA2H	Double acting, Single rod	
CS1 ⁽²⁾	Air cylinder	CA2□Y	Double acting, Single rod	②-1 From P. 530
	Air-hydro type	CS1	Double acting, Single rod	
		CS1W	Double acting, Double rod	
		CS1H	Double acting, Single rod	

How to Order

CM2, CG1, MB, MB1, CA2, CS1,
CQS, CQ2, MU, CV



Series	Description	Model	Action	Vol. no. (for std model)
CQS	Compact cylinder	CQS	Double acting, Single rod Single acting (Spring return/extended)	②-1 From P. 693
		CQSW	Double acting, Double rod	
	Non-rotating rod type	CQSK	Double acting, Single rod	
	Lateral load resisting type	CQS□S	Double acting, Single rod	
CQ2	Compact cylinder	CQ2-Z	Double acting, Single rod Single acting (Spring return/extended)	②-1 From P. 773
		CQ2W-Z	Double acting, Double rod	
	Axial piping type (Centralized piping type)	CQP2	Double acting, Single rod Single acting (Spring return/extended)	
	Long stroke	CQ2-Z	Double acting, Single rod	
	Lateral load resisting type	CQ2□S-Z	Double acting, Single rod	
	Water-resistant compact cylinder	CQ2□W-Z	Double acting, Single rod	
MU	Plate cylinder	CQP2□Y	Double acting, Single rod	②-1 From P. 1036
		MU-Z	Double acting, Single rod	
CV	Valve mounted air cylinder	CVM5	Double acting, Single rod	②-3 From P. 771
		CVM5K	Double acting, Single rod	
		CV3	Double acting, Single rod	
		CVS1	Double acting, Single rod	
MGP	Compact guide cylinder	MGP-Z	Double acting	②-2 From P. 432
MGG	Guide cylinder	MGG	Double acting	②-2 From P. 538
MGC	Guide cylinder	MGC	Double acting	②-2 From P. 578
CXS	Dual rod cylinder	CXSM	Double acting	②-2 From P. 749
CXSJ	Dual rod cylinder compact type	CXSJM	Double acting	②-2 From P. 737
RHC	High power cylinder	RHC	Double acting	②-3 From P. 351

Note 1) Head side locking type only

Note 2) There is a maximum stroke limit for CA2, MB, MB1 (ø100) and CS1 cylinders.

Note 3) The CS2 series, made of stainless steel, is applicable as "-XC68".

Note 4) For the MB1 single rod and double rod, only ø125 is available.

Maximum Stroke

Series	Double acting, Single rod	Double acting single rod with rod boot
CA2, MB, MB1 (Bore size 100) Others same as the standard type	1500 (Same as standard)	1000
CS1	1200	1200

Specifications

Parts changed to stainless steel	Piston rod, Rod end nut
Specifications other than above and external dimensions	Same as standard

Note 1) In the case of CS1 cylinder, the piston rod is only made of stainless steel. Rod end nut is not attached.

Note 2) In the case of CQ cylinder, its snap ring and piston rod are made of stainless steel.

Rod end nut is also made of stainless steel for rod end male thread type.

CQ (P) 2^{1/2} series

Piston rod and rod end nut (male thread only) have been changed to stainless steel specification "-XC6". Also, the materials for hexagon socket head cap screws to fix $\phi 20$ to $\phi 32$ rod covers have been changed to stainless steel.

Applicable Series

Series	Model	Action	Note	Vol. no. (for std model)	
CQ2	Water-resistant compact cylinder	CQ2□ ^{1/2} -Z	Double acting, Single rod	Applicable to $\phi 20$, $\phi 25$, $\phi 32$.	②-1 From P. 949
	Water resistant, axial piping	CQP2□ ^{1/2}	Double acting, Single rod	Applicable to $\phi 32$.	②-1 From P. 893

Specifications

Parts changed to stainless steel	Piston rod, Rod end nut (male thread only), Rod cover holding hexagon socket head cap screw
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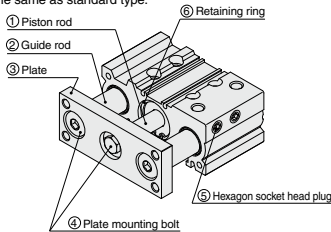
Specifications other than above and external dimensions	Same as standard
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MGP series

Stainless Steel Modified Parts

XC6A	① ② ③ ④ ⑤ ⑥
XC6B	① ② ⑤ ⑥

Specifications and external dimensions other than above are the same as standard type.



CXSJM series

How to Order

CXSJM Standard model no. **-XC6**

Made of stainless steel

Specifications

Parts changed to stainless steel	Piston rod, retaining ring, hexagon socket head bolt, hexagon socket head set screw, dumper bolt, hexagon nut
Specifications other than above and external dimensions	Same as standard

CXSM series

How to Order

CXSM Standard model no. **-XC6**

Made of stainless steel

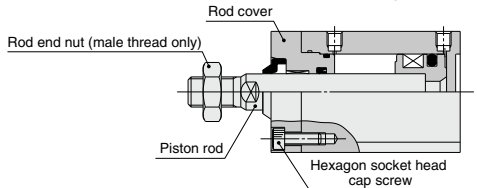
Specifications

Parts changed to stainless steel	Piston rod, retaining ring, hexagon socket head bolt, hexagon socket head set screw, dumper bolt, hexagon nut, hexagon socket head plug
Specifications other than above and external dimensions	Same as standard

How to Order

C□Q2□^R Standard model no. **-XC6A**
C□QP2□^R

Stainless steel used on all standard iron parts



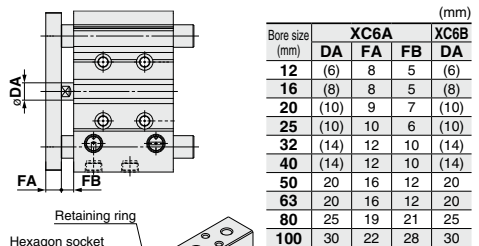
How to Order

MGP^M_L Standard model no. **-XC6 A**

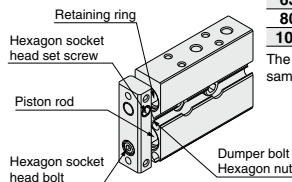
Made of stainless steel

A	Stainless steel used on all standard iron parts
B	Stainless steel rod parts

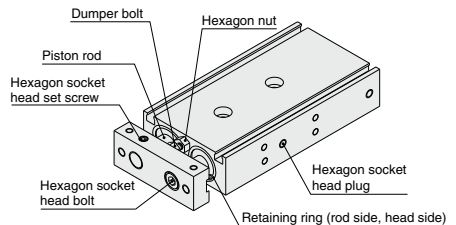
Dimensions



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



Note) The head cover retaining ring for $\phi 6$ is made of special steel.



Made to Order Common Specifications: -XC6: Made of Stainless Steel

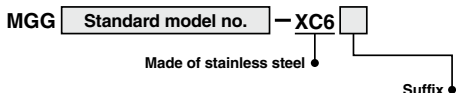


18 Made of Stainless Steel

Symbol
-XC6

Suitable for the cases it is likely to generate rust by being immersed in the water and corrosion.

MGG series How to Order

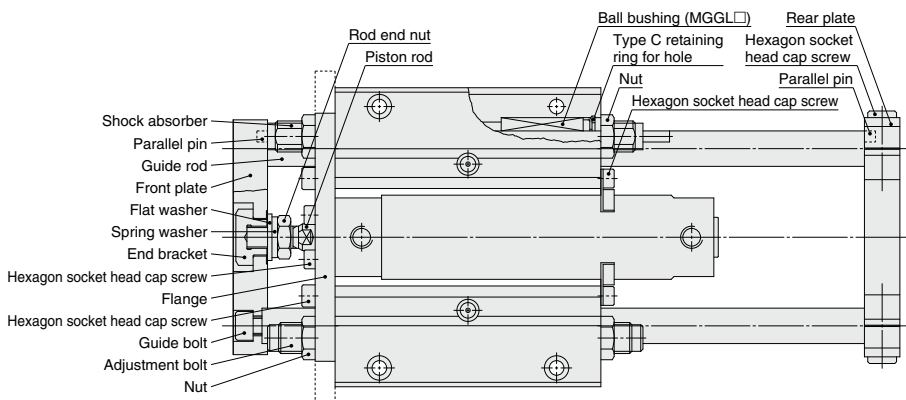


Nil	Piston rod, rod end nut made of stainless steel
A	Stainless steel used on all standard iron parts
B	Stainless steel rod end moving parts
C	Stainless steel rod parts

Parts Changed to Stainless Steel

Symbol	Basic cylinder	Guide unit
-XC6		—
-XC6A	CDG1Z20 to 63-□-XC6 CDG1B20 to 100-□-XC6 (Piston rod, Rod end nut)	Flange, Front plate, Rear plate, Ball bushing (MGG□), Guide rod, End bracket, Flat washer, Spring washer, Type C retaining ring for hole, Adjustment bolt, Nut, Parallel pin, Hexagon socket head cap screw, Guide bolt
-XC6B		Front plate, Guide rod, End bracket, Flat washer, Spring washer, Parallel pin (for front plate), Guide bolt
-XC6C		Guide rod

* Specifications other than the above are the same as the standard type.
Note) RBL (coolant resistant) type shock absorbers are used for -XC6A.

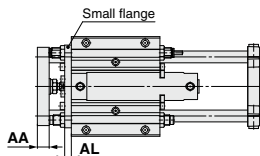


Dimensions (Dimensions other than below are the same as standard type.)

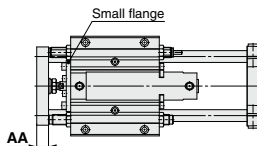
MGG□B20 to 50-□-XC6A

MGG□B20 to 50-□-XC6B
MGG□B20 to 50-□-XC6C

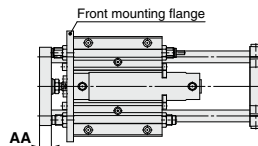
MGG□F20 to 50-□-XC6A
MGG□F20 to 50-□-XC6B
MGG□F20 to 50-□-XC6C



Bore size (mm)	(mm)	
	AA	AL
20	12	9
25	16	9
32	16	9
40	19	12
50	25	12



Bore size (mm)	(mm)
	AA
20	12
25	16
32	16
40	19
50	25



Bore size (mm)	(mm)
	AA
20	12
25	16
32	16
40	19
50	25

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Symbol
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MGC series How to Order

MGC Bearing type Mounting type Bore size Stroke Equipped/Not equipped back plate Auto switch -XC6

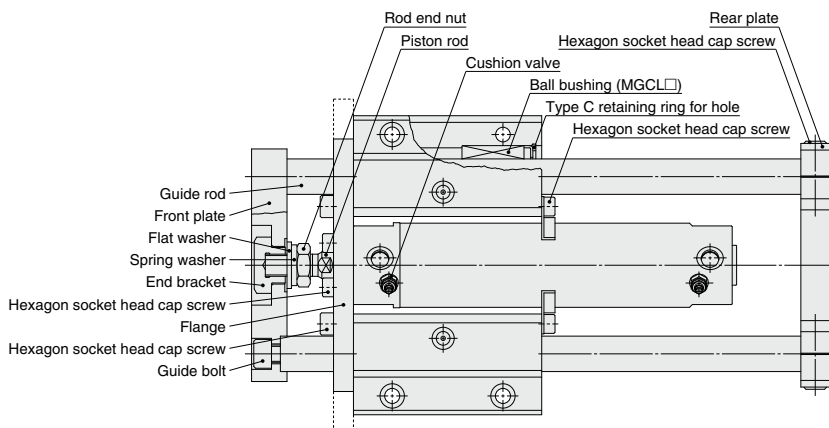
Made of stainless steel
Suffix

Nil	Piston rod, rod end nut made of stainless steel
A	Stainless steel used on all standard iron parts
B	Stainless steel rod end moving parts
C	Stainless steel rod parts

Parts Changed to Stainless Steel

Symbol	Basic cylinder	Guide unit
-XC6	CDG1ZA20 to 50-□-XC6 (Piston rod, Rod end nut)	—
-XC6A	CDG1BA20 to 50-□-X1057 (Piston rod, Rod end nut, Cushion valve)	Flange, Front plate, Rear plate, Ball bushing (MGCL□), Guide rod, End bracket, Flat washer, Spring washer, Type C retaining ring for hole, Hexagon socket head cap screw, Guide bolt
-XC6B		Front plate, Guide rod, End bracket, Flat washer, Spring washer, Guide bolt
-XC6C		Guide rod

* Specifications other than the above are the same as the standard type.



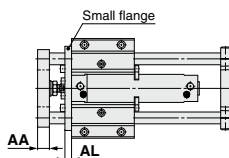
Dimensions (Dimensions other than below are the same as standard type.)

MGC□B20 to 50-□-XC6A

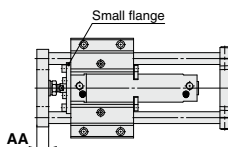
MGC□B20 to 50-□-XC6B

MGC□F20 to 50-□-XC6A

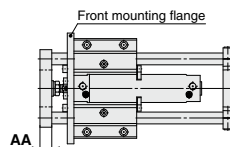
MGC□F20 to 50-□-XC6B



Bore size (mm)	(mm)	
	AA	AL
20	12	9
25	16	9
32	16	9
40	19	12
50	25	12



Bore size (mm)	(mm)
	AA
20	12
25	16
32	16
40	19
50	25



Bore size (mm)	(mm)
	AA
20	12
25	16
32	16
40	19
50	25