

### Double rod / Adjustable stroke cylinders

MCQA — 27 — 40 — 100M — A — 10 — G

MODEL

TUBE I.D.



STROKE

M: Magnet

ADJUSTABLE  
STROKE

CUSHION

PORT THREAD

Code	Symbol	Description
2 7		Double rod / Adjustable male thread Please mark "adjustable stroke" at order list
2 8		Double rod / Adjustable female thread Please mark "adjustable stroke" at order list

Blank: Cushion pad  
(Unadjustable)

A: Cushion air  
(Adjustable)

Blank: Rc thread

G: G thread

NPT: NPT thread

\* "CUSHION" option only  
for Miniature cylinders.

### Applicable series

Series	Model
Standard cylinder	MCQA, MCQV3, MCQI3
Compact cylinder	MCJA, MCJQ, MCKJQ, MCJI, MCJU
Miniature cylinder	MCMA, MCMB, MCMI
Guide cylinder	MCGI, MGTB, MGTK, MGTU, MGTX

### Tandem cylinders

MCQA — 51 — 40 — 50 M — A — G

MODEL

TUBE I.D.



STROKE

M: Magnet

CUSHION

PORT THREAD

STYLE

Code	Symbol	Description
5 1		Tandem / Male thread
5 2		Tandem / Female thread

Blank: Cushion pad  
(Unadjustable)

A: Cushion air  
(Adjustable)

Blank: Rc thread

G: G thread

NPT: NPT thread

\* "CUSHION" option only  
for Miniature cylinders.

### Applicable series

Series	Model
Standard cylinder	MCQA, MCQV3, MCQN
Compact cylinder	MCJA, MCJQ, MCKJQ, MCJI
Miniature cylinder	MCMA, MCMB, MCKMI, MCMJ

### Low-pressure hydraulic cylinders

MCQA — Standard model no. — XB4R

MODEL

LOW-PRESSURE  
HYDRAULIC CYLINDERS

Blank: All cylinders  
R: Rod side (Non-adjustable when cylinder is style 27)  
H: Head side (Adjustable when cylinder is style 27)

### Applicable series

Series	Model
Standard cylinder	MCQA, MCQV3, MCQI3, MCKQI3 (for tube I.D. $\phi 32 \sim \phi 100$ )
Miniature cylinder	MCMA, MCMB, MCMI (for tube I.D. $\phi 16 \sim \phi 40$ )
Guide cylinder	MGTB, MGTK, MGTU, MGTX

Note 1. Piston packing: Double U-type.  
2. Miniature cylinders / Guide cylinder  
(MGTB / MGTU- $\phi 20$ , 25) to make sure the  
dimensions after ordered.  
3. Operating pressure range: 0.1~1 MPa

### Low friction cylinders

MCQA — Standard model no. — XB5

MODEL

LOW FRICTION  
CYLINDERS

### Applicable series

Series	Model
Standard cylinder	MCQA, MCQV3, MCQI3, MCKQI3, MCQN
Compact cylinder	MCJA, MCJQ, MCJI
Miniature cylinder	MCMA, MCMB, MCMI
Round cylinder	MCCG, MCCN
Guide cylinder	MGTB, MGTK, MGTU, MGTX

Note. It's not suitable for the tube I.D. which is under  $\phi 12$   
or  $\phi 125$  (Inclusion) over.

### Heat resistant cylinders

MCQA — Standard model no. — XB6

MODEL

HEAT RESISTANT  
CYLINDERS

### Applicable series

Series	Model
Standard cylinder	MCQA, MCQV, MCQV3, MCQI3
Compact cylinder	MCJA, MCJQ, MCJI
Miniature cylinder	MCMA, MCMB, MCMI, MCMIS
Round cylinder	MCCG
Guide cylinder	MGTX

Note 1. Seals materials: Fluoro rubber.  
2. Ambient temperature:  $-10 \sim +150^{\circ}\text{C}$  (No freezing)  
3. Magnet and sensor switch can't be mount.  
4. Not applicable to MCQV3-S, MCQI3-S cushion air  
(Automatic).