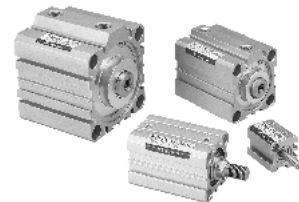


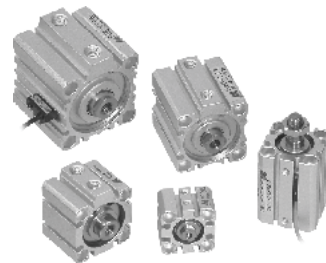
MCJT SERIES COMPACT

- Ultra compact, a light weight and space saving cylinder.
- Wide range of bore sizes and strokes (12mm-100mm).
- Single and double acting available.



MCJS SERIES Compact

- Ultra compact, a light weight and space saving cylinder.
- Wide range of bore sizes and strokes (12mm-100mm).
- Single and double acting available.
- Ideal for use in machinery where space is limited and incorporating sensor groove which enables flush fitting of sensors.
- Sensor can be mounted on any one of three faces on 12 and 16 bore and on four faces on 20-100 bore.



MCCN SERIES Round

- Many mounting options available.
- Interchangeable with other manufacturers.



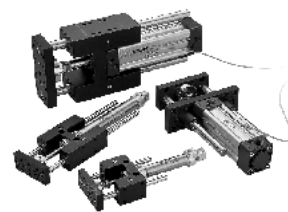
MCGA SERIES Twin-Guided (Stop/Lift)

- Strong cylinder capable of heavy loads, used extensively for stopping work carriers in both the vertical and horizontal position.
- Large diameter guide rods enable cylinder to take high off-set loads.
- Can be used as 90 degree pusher on large conveyer systems.
- Magnetic as standard.



MGT* SERIES Twin-Guided

- The guide units can be assembled into cylinders that then conform to ISO6432.
- Anti-rotation guaranteed by use of external guide rods.
- Four self lube bushes or linear bearings enable high loadings and consistent movement.
- Simple to install by universal mounting holes.
- Flush fitting reed switch.
- Magnetic as standard.



MCHA SERIES Grippers

- Available with comprehensive range of bore sizes 12-32mm.
- Highly accurate air driven device for holding work-piece.
- Magnetic as standard.





FEATURES

- Strong cylinder capable of heavy loads, used extensively for stopping work carriers in both the vertical and horizontal position.
- Large diameter guide rods enable cylinder to take high off-set loads.
- Can be used as 90 degree pusher on large conveyer systems.
- Magnetic as standard.

Order example:

MCGA — 03 — 20 — 50 — BSP

MODEL

TUBE I.D.

STROKE

PURPOSE / TYPE OF BEARING

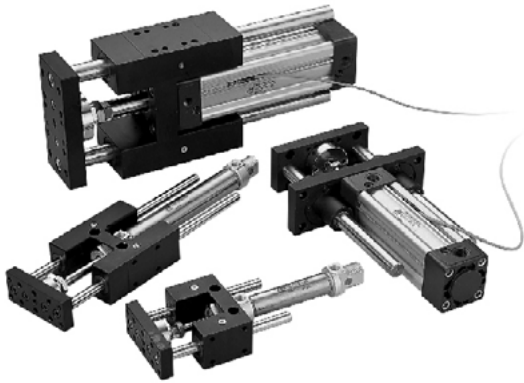
Code	Purpose / Type of bearing
03	Stop / Slide bearing
13	Lift / Linear bush bearing※
53	Lift / Slide bearing

※ Linear bush bearing type is not available as a stopper.

PORT THREAD
Blank: PT thread
BSP: BSP thread
NPT: NPT thread

Specification:

Model	MCGA			
Model (Stop type view)	<p>Up view</p>			
Acting type	Double acting			
Tube I.D. (mm)	20	32, 40	50, 63	80
Port size	PT1/8		PT1/4	PT3/8
Medium	Air			
Operating pressure range	1~9.9 kgf/cm ²			
Test pressure	15 kgf/cm ²			
Ambient temperature	-5~+60°C (No freezing)			
Cushion	With rubber cushion pad			
Lubrication	Not required			
Sensor switch	RCB			

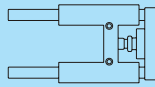


MGTK Light duty type

MGTX Light duty flange type

MGTB Heavy duty (bush) type

MGTU Heavy duty (linear bearing) type



Order example:

MGTB — **40** — **100** — **RP**

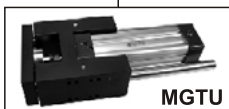
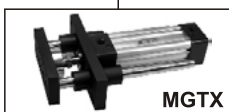
MODEL

TUBE I.D.

STROKE

REAR FLANGE COUPLING

RP: With rear flange coupling



FEATURES

- The guide units can be assembled into cylinders that then conform to ISO6432.
- Anti-rotation guaranteed by use of external guide rods.
- Four self lube bushes or linear bearings enable high loadings and consistent movement.
- Simple to install by universal mounting holes.
- Flush fitting reed switch.
- Magnetic as standard.

Specification

Model	MGTB, MGTU					
	MGTK		MGTX			
Tube I.D. (mm)	20	25	32	40	50	63
Port size Rc(PT)	G 1/8		G 1/8	G 1/4	G 3/8	
The range of stroke (mm)	Stroke by request					
Medium	Air					
Operating pressure range	2~7 kgf/cm ²					
Ambient temperature	-5~+60°C (No freezing)					
Lubrication	Cylinder	Not required				
	Guide ※	Lubricating grease				
Sensor switch	RCA		RCI			
Sensor switch holder	BA20	BA25	—			
	BGS20	BGS25	—			

※ Periodically refill of the Lubricating grease is required to enhance the lubricative grade and its lifetime.

RCA sensor switch specification:

Model	RCA	RNA
Switch type	Reed switch	NPN current sinking
Voltage range	5~220V DC/AC	5 ~ 30V DC
Current range	100mA max.	200mA max.
Shock resistance	30G	50G

• Detail specification please refer to sensor switch RCA series.

RCI sensor switch specification:

Model	RCI	RNI	RPI
Switch type	Reed switch	NPN current sinking	PNP current sourcing
Voltage range	5~220V DC/AC	10 ~ 30V DC	
Current range	100mA max.		
Shock resistance	30G	50G	

• Detail specification please refer to sensor switch RCI series.

Mounting :

