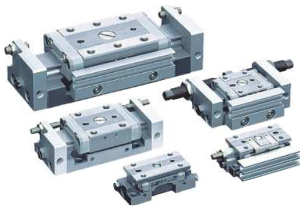


Table Cylinders

Air Slide Table MXP



- Cylinder with built-in linear guide, Compact air slide table

Type	Series	Action	Bore size [mm]
Standard	MXPJ	Double acting	6
Standard	MXP	Double acting	6, 8, 10, 12, 16

Air Slide Table/Long Stroke Type MXY



- High rigidity and high accuracy, Maximum of 400 strokes

Type	Series	Action	Bore size [mm]
Standard	MXY	Double acting	6, 10, 12

Precision Cylinder MTS



- Precision cylinder with internal guide function

Type	Series	Action	Bore size [mm]
Standard	MTS	Double acting	8, 12, 16, 20, 25, 32, 40

Guide Cylinders (MG Series)

Miniature Guide Rod Cylinder MGJ



- Overall length: 23 + Stroke mm/Width: 29 mm/Height: 14.5 mm (MGJ6)
- 2 auto switches can be mounted even for 5 strokes.
- Integral wiring/piping to one direction
- Non-rotating accuracy: $\pm 0.1^\circ$

Type	Series	Action	Bore size [mm]
Standard	MGJ	Double acting	6, 10

Compact Guide Cylinder JMGPM



- Compact: Overall length shortened by 30.5 mm, Height shortened by 16 mm
- Weight: Max. 69% lighter (0.32 kg $\rightarrow$ 0.1 kg)
- 3 mounting options: Top mounting, Bottom mounting, Rear mounting
- Piping is possible in 4 directions.
- The solid state auto switch D-M9□ is mountable.
- Suitable for pushing, lifting, or clamping in a transport line.

Type	Bearing	Series	Action	Bore size [mm]
Basic type	Slide bearing	JMGPM	Double acting	12, 16, 20, 25, 32, 40, 50, 63, 80, 100

Guide Cylinders (MG Series)

Compact Guide Cylinder **MGP**



- Weight reduced by up to 24% with a shorter guide rod and thinner plate.
- The space required between the bottom of the cylinder body and your equipment is reduced because of the shortening of the guide rod by a max. of 22 mm.
- Round type and magnetic field resistant auto switches can be mounted directly without a spacer.

Type	Bearing	Series	Action	Bore size [mm]
Basic type	Slide bearing	MGPM-Z	Double acting	12, 16, 20, 25, 32, 40, 50, 63, 80, 100
Basic type	Ball bushing	MGPL-Z	Double acting	
Basic type	High-precision ball bushing	MGPA-Z	Double acting	
With air cushion	Slide bearing	MGPM-AZ	Double acting	16, 20, 25, 32, 40, 50, 63, 80, 100
	Ball bushing	MGPL-AZ	Double acting	
	High-precision ball bushing	MGPA-AZ	Double acting	
Water resistant	Slide bearing	MGPMR-Z	Double acting	20, 25, 32, 40, 50, 63, 80, 100
With end lock	Slide bearing/ Ball bushing bearing	MGP	Double acting	20, 25, 32, 40, 50, 63, 80, 100
Heavy duty guide rod	Slide bearing	MGPS	Double acting	50, 80

Compact Guide Cylinder/With Flange **MGP**



- Plate side flange type has been added.

Type	Bearing	Series	Action	Bore size [mm]
Basic type	Slide bearing	MGPM-Z	Double acting	12, 16, 20, 25, 32, 40, 50, 63, 80, 100
Basic type	Ball bushing	MGPL-Z	Double acting	12, 16, 20, 25, 32, 40, 50, 63, 80, 100
Basic type	High-precision ball bushing	MGPA-Z	Double acting	12, 16, 20, 25, 32, 40, 50, 63, 80, 100

Compact Guide Cylinder/Wide Type **MGPW**



- The guide pitch has been doubled.
- The allowable rotational torque of the plate has been improved. The non-rotating accuracy of the plate has been improved.
- Equivalent weight to the basic type

Type	Bearing	Series	Action	Bore size [mm]
Basic type	Slide bearing/ Ball bushing/ High-precision ball bushing	MGPW	Double acting	20, 25, 32, 40, 50, 63

Compact Guide Cylinder **MGQ**

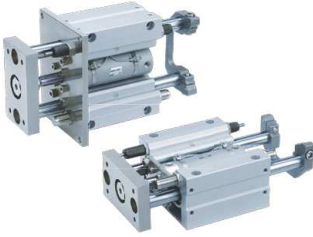


- Air cylinder with an integrated guide that achieves lateral load resistance and high non-rotating accuracy
- Suitable for stoppers and lifters in the conveyor line

Type	Bearing	Series	Action	Bore size [mm]
Standard	Slide bearing	MGQM	Double acting	12, 16, 20, 25, 32, 40, 50, 63, 80, 100
Standard	Ball bushing bearing	MGQL	Double acting	

Guide Cylinders (MG Series)

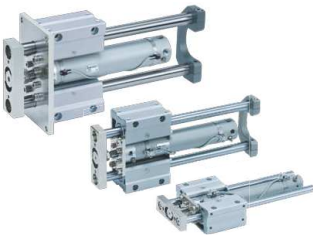
Guide Cylinder **MGG**



- Basic cylinder with integrated guide rods in a compact configuration
- A linear transfer unit that achieves lateral load resistance and high non-rotating accuracy

Type	Bearing	Series	Action	Bore size [mm]
Standard	Slide bearing/ Ball bushing bearing	MGG	Double acting	20, 25, 32, 40, 50, 63, 80, 100
With end lock		MGG	Double acting	

Guide Cylinder/Compact Type **MGC**



- Linear transfer unit with compact guide body and front plate
- Compact, lightweight, and space saving

Type	Series	Action	Bore size [mm]
Standard	MGC	Double acting	20, 25, 32, 40, 50

Guide Table **MGF**



- Low-profile compact cylinder
- Cylinder with a large concentric guiding sleeve that provides excellent eccentric load resistance

Type	Series	Action	Bore size [mm]
Standard	MGF	Double acting	40, 63, 100

Non-rotating Double Power Cylinder/Double Power Cylinder **MGZ/MGZR**



- Doubles the output in the extending direction with its unique structure
- A built-in non-rotating mechanism using slide keys allows for loads to be mounted directly.

Type	Series	Action	Bore size [mm]
Standard	MGZ	Double acting	20, 25, 32, 40, 50, 63, 80
With end lock	MGZ	Double acting	40, 50, 63
Without non-rotating mechanism	MGZR	Double acting	20, 25, 32, 40, 50, 63, 80

Cylinder with Turntable **MGT**



- Integrated compact guide cylinder (MGP series) and manual turntable
- High-precision bearings for smooth turning return movement
- The table unit has positioning mechanisms for each 90° and 180° of rotation.

Type	Bearing	Series	Action	Bore size [mm]
Standard	Slide bearing	MGTM	Double acting	63, 80, 100
Standard	Ball bushing bearing	MGTL	Double acting	63, 80, 100