Mechanically Jointed Rodless Cylinders

Mechanically Jointed Rodless Cylinder MY2

- Height has been reduced by a maximum of 30% compared to the mechanically jointed rodless cylinder, MY1H series. Furthermore, it is possible to replace the cylinder for the drive unit while the workpiece is mounted.

Type	Series	Action	Bore size [mm]
Cam follower guide	**MY2C**	Double acting	16, 25, 40
Linear guide	**MY2H**	Double acting	16, 25, 40
Linear guide	**MY2HT**	Double acting	16, 25, 40

Mechanically Jointed Rodless Cylinder MY3

- Space saving: Height has been reduced by a maximum of 36% and length by a maximum of 140 mm (Compared to the mechanically jointed rodless cylinder, MY1B series)

Type	Series	Action	Bore size [mm]
Basic, Short (Rubber bumper)	**MY3A**	Double acting	16, 20, 25, 32, 40, 50, 63
Basic, Standard (Air cushion)	**MY3B**	Double acting	16, 20, 25, 32, 40, 50, 63
Slide bearing guide (Air cushion)	**MY3M**	Double acting	16, 25, 40, 63

Magnetically Coupled Rodless Cylinders

Magnetically Coupled Rodless Cylinder CY3

- Further improvements have been made on the CY1 series.
- The mounting dimensions are the same as those of the CY1 series. Upgraded bearing performance and reduced sliding resistance
- NPT thread and G thread are available as standard.

Type	Series	Action	Bore size [mm]
Basic	**CY3B**	Double acting	6, 10, 15, 20, 25, 32, 40, 50, 63
Direct mount	**CY3R**	Double acting	6, 10, 15, 20, 25, 32, 40, 50, 63

Magnetically Coupled Rodless Cylinder CY1S

- Weight: Max. 15% reduction (0.96 kg: Current model 1.13 kg)
- Overall length: Max. 15 mm shorter (240 mm: Current model 255 mm)
- Improved durability: Lube-retainers are mounted on the internal and external surfaces of the cylinder tube to maintain lubrication.
- The adjustment bolt improves stroke accuracy/repeatability.

Type	Series	Action	Bore size [mm]
Slider (Slide bearing)	**CY1S-Z**	Double acting	6, 10, 15, 20, 25, 32, 40

Magnetically Coupled Rodless Cylinder CY1

- This magnetically coupled, space-saving cylinder permits a wide range of applications.

Type	Series	Action	Bore size [mm]
Slider (Ball bushing bearing)	**CY1L**	Double acting	6, 10, 15, 20, 25, 32, 40
Linear guide	**CY1H**	Double acting	10, 15, 20, 25
Linear guide	**CY1HT**	Double acting	25, 32

Magnetically Coupled Rodless Cylinders

Magnetically Coupled Rodless Cylinder/Low Profile Guide CY1F

- Low profile, short body, lightweight
- The cylinder and guide are integrated.

Type	Series	Action	Bore size [mm]
Standard	**CY1F**	Double acting	10, 15, 25

Clean Rodless Cylinder CYP

- Low particle generation transfer in clean environments

Type	Series	Action	Bore size [mm]
Standard	**CYP**	Double acting	15, 32

Table Cylinders

Compact Slide MXH

- Allowable moment improved by up to 240%
- With new high rigidity linear guide
  Allowable moment improved
- The weight has been reduced by incorporating a new high rigidity linear guide and piston.
  Weight: 19% reduction (ø20-10 stroke)
- Piping is possible in 3 directions.

Type	Series	Action	Bore size [mm]
Standard	**MXH**	Double acting	6, 10, 16, 20

Air Slide Table MXS

- Integrated with a worktable in a compact manner
- An air slide table that is ideal for precision assembly work
- High rigidity and high accuracy
- Smooth movement without looseness has been achieved through the adoption of a cross roller guide.
- Compact and lightweight
- Provides twice the output of the current cylinder through the adoption of the dual rod function

Type	Series	Action	Bore size [mm]
Standard	**MXS**	Double acting	6, 8, 12, 16, 20, 25
Symmetric	**MXS□L**	Double acting	6, 8, 12, 16, 20, 25

Air Slide Table MXQ□

- Height: 10% reduction (27 mm: Current model 30 mm)
- Product weight: 22% reduction (298 g: Current model 380 g)
- Allowable kinetic energy: 64% improvement (0.09 J: Current model 0.055 J)

Type	Series	Action	Bore size [mm]
Double ported type	**MXQ□A**	Double acting	6, 8, 12, 16, 20, 25
Low thrust with high rigidity type	**MXQ□B**	Double acting	6, 8, 12, 16, 20
Single side ported type	**MXQ□C**	Double acting	8, 12
Height interchangeable type	**MXQ**	Double acting	6, 8, 12, 16, 20, 25