

Air-hydro Units

Air-hydro Unit **CC**



- By converting air pressure into hydraulic pressure, the same functions of a hydraulic unit can be obtained while using pneumatic equipment.

Type	Series	Nominal size [mm]
Air-hydro unit	CC	63, 100, 160
Converter	CCT	40, 63, 100, 160
Valve unit	CCV	—

Mechanically Jointed Rodless Cylinders

Mechanically Jointed Rodless Cylinder/Basic Type **MY1B**



- Remodeled to be made lighter
- Weight reduced by 17% (Compared to the current MY1B)
- Auto switches can be mounted from the front in any position on the mounting groove.
- The retention mechanism of the dust seal band has been changed to the magnet attraction method to improve retention ability.
- Mounting dimensions are interchangeable with the current model.

Type	Series	Action	Bore size [mm]
Basic	MY1B-Z	Double acting	25, 32, 40

Mechanically Jointed Rodless Cylinder/Linear Guide Type **MY1H**



- Piping can be connected from 4 directions on the head cover.
- Allows for on-site piping to suit the installation conditions
- Cushion needle can be easily adjusted. By changing the cushion needle adjustment from the side to the top, adjustment can be performed with ease.
- Auto switches can be mounted in any desired position. (D-M9□, D-A9□)
- The new dust seal band improves the product's life.
- The mounting and performance are the same as the previous model, but the weight has been reduced.

Type	Series	Action	Bore size [mm]
Linear guide type	MY1H-Z	Double acting	25, 32, 40

Mechanically Jointed Rodless Cylinder **MY1**



- 4 standard models are available.
- A variety of applications are available based on the load mass and required accuracy.

Type	Series	Action	Bore size [mm]
Basic	MY1B	Double acting	10, 16, 20, 50, 63, 80, 100
Slide bearing	MY1M	Double acting	16, 20, 25, 32, 40, 50, 63
Cam follower guide	MY1C	Double acting	16, 20, 25, 32, 40, 50, 63
Linear guide type	MY1H	Double acting	10, 16
Linear guide type	MY1HT	Double acting	50, 63

Mechanically Jointed Rodless Cylinder with Protective Cover **MY1□W**



- Improves dustproof and water resistance with a protective cover, Features a side seal that prevents dust and water from entering from the side

Type	Series	Action	Bore size [mm]
Slide bearing	MY1MW	Double acting	16, 20, 25, 32, 40, 50, 63
Cam follower guide	MY1CW	Double acting	16, 20, 25, 32, 40, 50, 63

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