

CM2 Series

Built-in One-touch Fittings (The shape is the same as the current product.)

CM2 **Mounting type** **Bore size** **F** – **Stroke**
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 Built-in One-touch fittings

This type has the One-touch fitting integrated in a cylinder, which enables to reduce the piping labor and installing space dramatically.



Specifications

Action	Double acting, Single rod
Bore size (mm)	ø20, ø25, ø32, ø40
Max. operating pressure	1.0 MPa
Min. operating pressure	0.05 MPa
Cushion	Rubber bumper
Piping	One-touch fittings
Piston speed	50 to 750 mm/s
Mounting	Basic, Axial foot, Rod flange, Head flange, Single clevis, Double clevis, Rod trunnion, Head trunnion, Integrated clevis, Boss-cut

* Auto switch can be mounted.

Applicable Tubing O.D./I.D.

Bore size (mm)	20	25	32	40
Applicable tubing O.D./I.D. (mm)	6/4	6/4	6/4	8/6
Applicable tubing material	Can be used for either nylon, soft nylon or polyurethane tubing.			

⚠ Caution

- One-touch fitting cannot be replaced.
 - One-touch fitting is press-fit into the cover, thus cannot be replaced.
- Refer to Fittings and Tubing Precautions (Best Pneumatics No. 7) for handling One-touch fittings.

Air-hydro

CM2H **Mounting type** **Bore size** – **Stroke** **Rod boot** **Z** – **Made to Order**
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 Air-hydro

A low hydraulic pressure cylinder used at a pressures of 1.0 MPa or below.

Through the concurrent use of the CC series air-hydro unit, it is possible to operate at a constant or low speeds or to effect an intermediate stop, just like a hydraulic unit, while using pneumatic equipment such as a valve.



- For construction, refer to page 179.
- Since the dimensions of mounting type are the same as pages 181 to 188, refer to those pages.

Specifications

Type	Air-hydro	
Fluid	Turbine oil	
Action	Double acting, Single rod	
Bore size (mm)	ø20, ø25, ø32, ø40	
Proof pressure	1.5 MPa	
Max. operating pressure	1.0 MPa	
Min. operating pressure	0.18 MPa	
Piston speed	15 to 300 mm/s	
Ambient and fluid temperature	+5 to +60°C	
Stroke length tolerance	+1.4 0 mm	
Cushion	Rubber bumper (Standard equipment)	
Mounting	Basic, Axial foot, Rod flange, Head flange, Single clevis, Double clevis, Rod trunnion, Head trunnion, Integrated clevis, Integrated clevis (90°), Boss-cut	
Made to Order**	-XA <input type="checkbox"/>	Change of rod end shape
	-XC3 <input type="checkbox"/>	Special port location

* Auto switch can be mounted. Dimensions are the same as the standard type.

** For details, refer to pages 1703 to 1896.