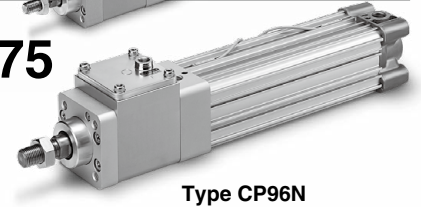
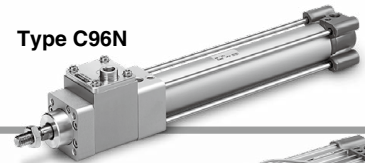


# Cylinder with Lock

## Double Acting, Single Rod

# C(P)96N-X3075



### How to Order

**C(P)96N D B 40 - 50 C - X3075**

#### Cylinder type

<b>C96N</b>	Tie-rod type
<b>CP96N</b>	Profile tube type

#### Built-in magnet

<b>Nil</b>	Without magnet
<b>D</b>	Built-in magnet

#### Cylinder stroke [mm]

Refer to "Standard Stroke" below.

#### Bore size

<b>32</b>	32 mm
<b>40</b>	40 mm
<b>50</b>	50 mm
<b>63</b>	63 mm
<b>80</b>	80 mm
<b>100</b>	100 mm

#### Mounting

<b>B</b>	Basic
<b>L</b>	Axial foot
<b>F</b>	Rod flange
<b>G</b>	Head flange
<b>C</b>	Single clevis
<b>D</b>	Double clevis
<b>T</b>	Center trunnion

\* Center trunnion mounting is only available for the C96N cylinder type.

**Table 1**

Bore size (mm)	Usage	
	Lock	Brake
<b>32</b>	OK	OK
<b>40</b>	OK	OK
<b>50</b>	OK	OK
<b>63</b>	OK	OK
<b>80</b>	OK	OK
<b>100</b>	OK	OK

This product provides braking function and locking function.

These functions are defined as follows:

- Braking means to stop a moving object (intermediate stop or emergency stop).
- Locking means to retain a stationary object in place (drop prevention or holding position).

**Table 2 Standard Stroke**

Bore size	Standard stroke		
	Stroke range ①	Stroke range ②	
		<b>C96N</b>	<b>CP96N</b>
<b>32</b>	25, 50, 80, 100, 125, 160, 200, 250, 320, 400, 500	Up to 1000	Up to 2000
<b>40</b>	25, 50, 80, 100, 125, 160, 200, 250, 320, 400, 500	Up to 1900	Up to 2000
<b>50</b>	25, 50, 80, 100, 125, 160, 200, 250, 320, 400, 500, 600		
<b>63</b>	25, 50, 80, 100, 125, 160, 200, 250, 320, 400, 500, 600		
<b>80</b>	25, 50, 80, 100, 125, 160, 200, 250, 320, 400, 500, 600, 700, 800		
<b>100</b>	25, 50, 80, 100, 125, 160, 200, 250, 320, 400, 500, 600, 700, 800		

\* The manufacturing of intermediate strokes is possible. (Spacers are not used.)

\* Applicable strokes should be confirmed according to the usage. For details, refer to the Air Cylinders Model Selection in the **Web Catalog** or Best Pneumatics Catalog. In addition, products that exceed the stroke range ① might not be able to fulfill the specifications due to deflection, etc.

**SMC validation products have been validated based on ISO 13849-2: 2012 Annex A.**