

Series C76

1 High Temperature XB6

C76 Mounting Bore size – Stroke – XB6

E, F, Y 32, 40 mm

Standard cylinder seals are replaced with special ones and other modifications are made in order to enable the cylinder to operate at a high ambient temperature (–10 to 150°C).

Possible applications:

- Bore size 32 and 40 mm
- Rubber bumper
- Without magnets (Auto switches cannot be used at high temperature.)
- Single rod — Double acting
- Double rod — Double acting (W)

Dimensions unchanged

Specifications

Type	Air cylinder
Applicable size	ø32, ø40 mm
Action	Double acting
Ambient temperature range	–10 to 150°C
Piston speed	50 to 500 mm/s
Cushion	Rubber bumper
Material	Seal: Fluorocarbon rubber Wear ring: Fluorocarbon resin
Grease	Fluorinated grease

Note) Contact SMC for non-rotating type.

3 Low Speed XB9

C76 Mounting Bore size – Stroke – XB9

E, F, Y 32, 40 mm

The cylinder does not generate any stick-slip phenomenon even at the rated low speed of 10 to 50 mm/s.
All strokes drive at a constant speed smoothly.

Possible applications:

- Bore size 32 and 40 mm
- Rubber bumper type only
- With or without magnets
- Single rod — Double acting

Dimensions unchanged

Specifications

Type	Air cylinder
Applicable size	ø32, ø40 mm
Action	Double acting
Piston speed	10 to 50 mm/s
Cushion	Rubber bumper

Note) Contact SMC for non-rotating type.

2 Low Temperature XB7

C76 Mounting Bore size – Stroke – XB7

E, F, Y 32, 40 mm

Standard cylinder packing are replaced with special ones and other modifications are made in order to enable the cylinder to operate at a low ambient temperature (–55 to 70°C).

Possible applications:

- Bore size 32 and 40 mm
- Rubber bumper
- Without magnets (Auto switches cannot be used at low temperature.)
- Single rod — Double acting
- Double rod — Double acting (W)

Dimensions unchanged

Specifications

Type	Air cylinder
Applicable size	ø32, ø40 mm
Action	Double acting
Ambient temperature range	–55 to 70°C
Cushion	Rubber bumper
Material	Seal: Low nitrile rubber Wear ring: Fluorocarbon resin
Grease	Fluorinated grease

Note) Contact SMC for non-rotating type.

4 Heavy-duty Scraper XC4

C76 Mounting Bore size – Stroke – XC4

E, F, Y 32, 40 mm

A heavy-duty scraper is used as wiper ring. Ideal for severe applications where the cylinder is exposed to dust, earth and sand. Applicable to casting machines, construction machines, industrial vehicles, etc.

Possible applications:

- Bore size 32 and 40 mm
- Rubber bumper type only
- With or without magnets
- Single rod — Double acting
- Double rod — Double acting (W)

Dimensions unchanged

Specifications

Type	Air cylinder
Applicable size	ø32, ø40 mm
Max. operating pressure	1 MPa (10 bar)
Min. operating pressure	0.08 MPa (0.8 bar)
Cushion	Rubber bumper
Wiper ring	NBR (SCB)

Note) Not applicable for non-rotating type.

Construction

