

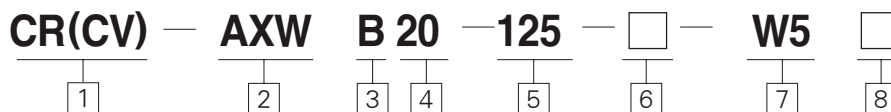
# Clean Air Small Cylinder / Double Acting, Double Rod Series CR(CV)AXW

Bore Size :  $\phi$  20,  $\phi$  25,  $\phi$  32,  $\phi$  40



- Cylinder in low particle generation for clean room.
- Piston rod is made in the material quality of stainless steel to enhance resistance against moisture and other chemicals.
- Exclusive grease use, dust generation is minimized when cylinder is acting.
- Compact appearance and lightweight, easy installation.

## How to Order



- |  |   |   |
|--|---|---|
| <p><b>1 Clean Series</b><br/>CR : Relief Port Type<br/>CV : Vacuum Suction Type</p> <p><b>2 Air Cylinder(double acting, double rod)</b><br/>basic type : built-in magnet</p> <p><b>3 Attaching Type</b><br/>B : basic type<br/>L : foot type in the axial direction<br/>F : type of flange at the rod side</p> <p><b>4 Bore Size</b><br/>20 : 20mm      25 : 25mm<br/>32 : 32mm      40 : 40mm</p> | <p><b>5 Cylinder Stroke(mm)</b><br/>Please refer to the table of cylinder stroke.</p> <p><b>6 Cushion</b><br/>Blank : rubber cushion type<br/>A : air cushion type<br/>XC16 : Palpitation is impossible.</p> <p><b>7 Sorts of Auto Switch</b><br/>no symbol : no auto switch<br/>(cylinder with built-in magnet)<br/>auto switch with contacting point<br/>- band attaching type(grommet)<br/>- W5<br/>※ The standard length of lead wire is 0.5m</p> | <p>※ For length lead wire over 3m, L is added to the end of part number.<br/>※ For length lead wire over 5m, please contact us.</p> <p><b>8 Symbols of Auto Switch</b><br/>Blank : 2 pieces attached<br/>S : 1 piece attached<br/>n : n pieces attached</p> |
|--|---|---|

## Specifications

Bore size		$\phi$ 20, $\phi$ 25, $\phi$ 32, $\phi$ 40
Models		Relief Port Type, Vacuum Suction Type
Operation Type		Double Acting, Double Rod(Non-Lubrication)
Port Size	$\phi$ 20, 25, 32	Rc(PT) 1/8
	$\phi$ 40	Rc(PT) 1/4
Fluid		Air
Proof Pressure		1.5MPa(217.6psi)
Max. Operation Pressure		1.0MPa(140.8psi)
Min. Operation Pressure		0.05MPa(7.1psi)
Ambient and Fluid Temperature · °C(°F)		-10°C~70°C(14~158°F)(Anti Freezing)
Cushion		Rubber, Air Cushion
Stroke Tolerance		$^{+1.4}_0$ mm
Piston Speed		50~400mm/s

## Table of standard stroke/air pressure(no lubrication type)      Bracket/parts number

(Unit: mm)

Bore Size	Cylinder stroke
20,25,32,40	25,50,75,100,125,150,175,200,250,300

Bore Size	20	25	32	40
foot in the axial direction	TCM-L020B	TCM-L032B	TCM-L040B	
Flange	TCM-F020B	TCM-F032B	TCM-F040B	
Trunnion(attaching nut)	TCM-T020B	TCM-T032B	TCM-T040B	

## Band to attach auto switch/parts number

Type of auto switch	Inner diameter of tube(mm)			
	20	25	32	40
W5	TBM2-020	TBM2-025	TBM2-032	TBM2-040

※ Foot must be ordered in 2 units for 1 cylinder.