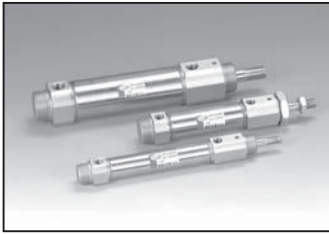


## Clean Series Air Cylinder / Double Motion, Single Rod

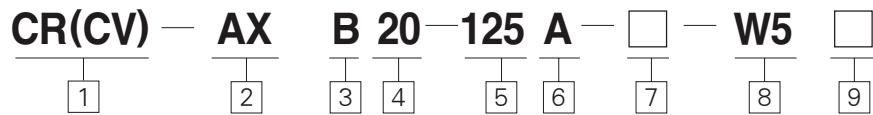
### Series CR(CV)AX

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



- Low particle generation for clean room applications
- Stainless steel piston rod(resistant to moisture and otehr chemicals)

## How to Order



**1 Clean Series**  
CR : Relief Port Type  
CV : Vacuum Suction Type

**2 Air Cylinder(double Acting, single rod)**  
basic type : built-in magnet

**3 Attaching Type**  
B : basic type  
L : foot type in the axial direction  
F : type of flange at the rod side  
G : type of flange at the head side  
BZ : basic type of boss-cut  
FZ : flange type boss-cut

**4 Bore Size**  
20 : 20mm      25 : 25mm  
32 : 32mm      40 : 40mm

**5 Cylinder Stroke(mm)**  
Please refer to the table of cylinder stroke.

**6 Cushion**  
Blank : rubber cushion type  
A : air cushion type  
※ For boss-cut, only rubber cushion type is available.

**7 Series**  
Blank : standard type  
XC16 : Palpitation is impossible.

**8 Sorts of Auto Switch**  
no symbol : no auto switch  
(cylinder with built-in magnet)  
auto switch with contacting point  
- band attaching type(grommet)  
- W5

※ The standard length of lead wire is 0.5m  
※ For length lead wire over 3m, L is added to the end of part number. ex)W5L  
※ For length lead wire over 5m, please contact us.

**9 Symbols of Auto Switch**  
Blank : 2 pieces attached  
S : 1 piece attached  
n : n pieces attached

## Specifications

Bore size		$\phi 20$ , $\phi 25$ , $\phi 32$ , $\phi 40$
Models		Relief Port Type, Vacuum Suction Type
Operation Type		Double Acting, Single 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 strokt/air pressure(no lubrication type)

(Unit:mm)

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

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

Bracket/parts number

Bore Size	20	25	32	40
foot in the axial direction	TCM-L020B	TCM-L032B	TCM-L040B	
Flange	TCM-F020B	TCM-F032B	TCM-F040B	
clevis with 1 spire	TCM-C020B	TCM-C032B	TCM-C040B	
clevis with 2 spire	TCM-D020B	TCM-D032B	TCM-D040B	
Trunnion(attaching nut)	TCM-T020B	TCM-T032B	TCM-T040B	

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

- ACP/ UACP
- APM
- AS
- AX
- AM
- AM2
- AL/ ALX
- AQ/ UAQ
- ADQCP
- AQ2/ UADQ2
- AG/ UAG
- NGQ/ UNGQ
- AJ/ AJM
- ABK
- NSK
- GX/ AGX
- NDM
- ADR
- AMR/ UAMR
- NST
- AST
- ASTH
- NF
- NLCD
- NLCS
- TCRL
- NP
- ARD/ UARD
- NR
- ASL
- SB
- SAH
- CR/ CV
- CR/ CV-AQ2,ADQ2
- CR/ CV-AX
- CR/ CV-NLCD
- CR/ CV-AGL
- DR100
- RS
- DV1000/ 3000/4000
- DS300
- DS2000