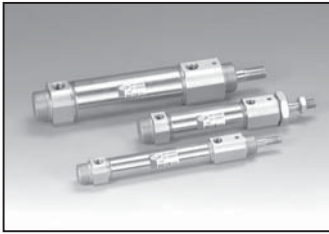


Clean Series Air Cylinder / Double Motion, Single Rod

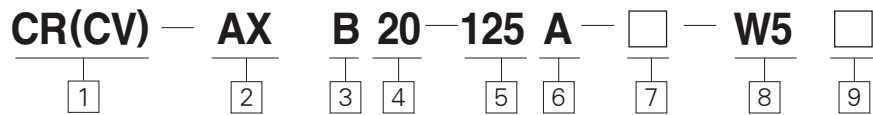
Series CR(CV)AX

Bore Size : ϕ 20, ϕ 25, ϕ 32, ϕ 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		ϕ 20, ϕ 25, ϕ 32, ϕ 40
Models		Relief Port Type, Vacuum Suction Type
Operation Type		Double Acting, Single Rod(Non-Lubrication)
Port Size	ϕ 20, 25, 32	Rc(PT) 1/8
	ϕ 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/UAG
- 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