

Clean Series

10-CM2 Mounting type Bore size - Stroke Z

• Clean Series (With relief port)

The type which is applicable for using inside the clean room graded ISO Class 4 by making an actuator's rod section a double seal construction and discharging by relief port directly to the outside of clean room.



Specifications

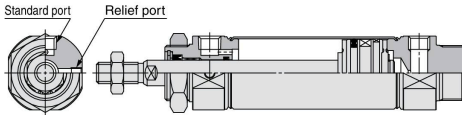
Action	Double acting, Single rod
Bore size (mm)	ø20, ø25, ø32, ø40
Max. operating pressure	1.0 MPa
Min. operating pressure	0.05 MPa
Cushion	Rubber bumper, Air cushion
Relief port size	M5 x 0.8
Piston speed	30 to 400 mm/s
Mounting	Basic, Axial foot, Rod flange, Head flange, Boss-cut

* Auto switch can be mounted.

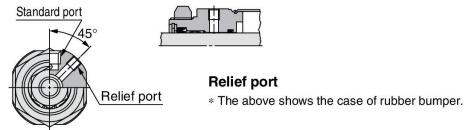
For detailed specifications about the clean series, refer to the "Pneumatic Clean Series" (CAT.E02-23).

Construction

ø20, ø25



ø32, ø40



Water Resistant

CDM2 Mounting type Bore size Port thread type R - Stroke A Z - M9BA XC6

• With auto switch (Built-in magnet)

Water resistant cylinder	
R	NBR seals (Nitrile rubber)
V	FKM seals (Fluororubber)

Cushion

Nil	Rubber bumper
A	Air cushion

• Made to Order

• Water resistant 2-color indicator, solid state auto switch

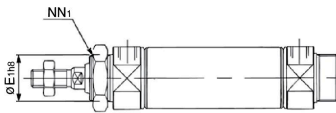
Ideal for use in a machine tool environment exposed to coolant mist.

Also, applicable for use in an environment with water splashing such as food processing and car wash equipment, etc.

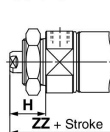


Dimensions (Dimensions other than below are the same as standard type.)

Male rod end



Female rod end



Bore size (mm)	E ₁	NN ₁	H	ZZ
20	22 ⁰ _{-0.033}	M22 x 1.5	24	99
25	26 ⁰ _{-0.033}	M26 x 1.5	24	99
32	26 ⁰ _{-0.033}	M26 x 1.5	24	101
40	32 ⁰ _{-0.039}	M32 x 2	26	130

** Same as the standard type.

Specifications

Action	Double acting, Single rod
Bore size (mm)	ø20, ø25, ø32, ø40
Cushion	Rubber bumper, Air cushion
Auto switch mounting	Band mounting type
Made to Order	XC6: Made of stainless steel

* Specifications other than the above are the same as the standard type.
* D-A3□A/A44A/G39A/K39A/B54/B64 cannot be mounted on bore sizes ø20 and ø25 cylinder with air cushion.

Mounting Brackets/Part No.

Mounting bracket	Min. order qty	Bore size (mm)	
		20	Contents (for minimum order quantity)
Axial foot**	2	CM-L020C	2 feets, 1 mounting nut
Flange	1	CM-F020C	1 flange
Trunnion (with nut)	1	CM-T020C	1 trunnion, 1 trunnion nut

* ø25 to ø40: Same as the standard type.
** Order 2 feets per cylinder.

⚠ Caution

Rod seal and scraper are not replaceable.
• Scraper is press-fit into the rod cover, thus cannot be replaced.

CJ1

CJP

CJ2

JCM

CM2

CM3

CG1

CG3

JMB

MB

MB1

CA2

CS1

CS2

D-□

-X□

Technical Data