

Series 10-/11-21-/22-CJ2-Z Air Cylinder/ø10, ø16

How to Order



● Clean series

10	Relief type
11	Vacuum suction type

● Cushion

Nil	Rubber bumper (Standard)
A	Air cushion

10 - C D J 2 L 16 - 60 A R Z - M9BW - B *

21 - C D J 2 L 16 - 60 R Z - M9BW - B *

● Built-in magnet

Nil	No
D	With auto switch (Built-in magnet)

* For a cylinder with "D", "-B" is suffixed to the end of the part number.

● Copper, fluorine and silicone-free + Low particle generation

21	Relief type
22	Vacuum suction type

● Mounting style

B	Basic style
E	Double-side bossed
L	Single foot style
M	Double foot style
F	Rod side flange style
G	Head side flange style

* Foot/Flange brackets are shipped together with the product, but not assembled.

● Head cover port location

Nil	Perpendicular to the cylinder axis
R	Axial direction

* For double-side bossed type, the product is perpendicular to the cylinder axis.

● Number of auto switches

Nil	2 pcs.
S	1 pc.
n	n pcs.

● Type of auto switch

Nil	Without auto switch
-----	---------------------

* For applicable auto switches, refer to the "Applicable Auto Switch" table.

Auto switch mounting type

Nil	None
B	Band mounting

* Only for With auto switch (Built-in magnet).
* Auto switch mounting method is band mounting only.

● Cylinder stroke (mm)

● Bore size (mm)

Model

Model		Bore size (mm)	Port size	Lubrication	Action	Standard stroke (mm)	Auto switch mounting	Cushion	
Relief type	10-/21-CJ2□10	10	M5 x 0.8	Non-lube	Double acting, Single rod	15, 30, 45, 60, 75, 100, 125, 150	Band mounting only	Standard	Air
	10-/21-CJ2□16	16				15, 30, 45, 60, 75, 100, 125, 150, 175, 200			
Vacuum suction type	10-/22-CJ2□10	10				15, 30, 45, 60, 75, 100, 125, 150			
	10-/22-CJ2□16	16				15, 30, 45, 60, 75, 100, 125, 150, 175, 200			

* Air cushion is not available for 21-/22-.

Specifications

Bore size (mm)	
Item	10/16
Proof pressure	1 MPa
Max. operating pressure	0.7 MPa
Min. operating pressure	0.08 MPa (Air cushion 0.1 MPa)
Ambient and fluid temperature	Without auto switch: -10°C to 70°C With auto switch: -10°C to 60°C (With no condensation)
Piston speed	50 to 400 mm/s
Stroke length tolerance	$^{+1.0}_0$
Mounting style	Basic/Double-side bossed/Single foot/Double foot/Rod side flange/Head side
Grease	10-/11-: Fluorine grease, 21-/22-: Lithium soap based grease
Particle generation grade (Refer to front matter 13 for details.)	10-/21-: Grade 2, 11-/22-: Grade 1

Suction Flow Rate of Vacuum Type (Reference values)

Size	Suction flow rate L/min (ANR)
10/16	1

Mounting Bracket / Part No.

Mounting bracket	Bore size (mm)	
	10	16
Foot bracket	CJ-L016C	CJK-L016C
Flange	CJ-F016C	CJK-F016C