Air Cylinder: Standard Type **Double Acting, Single Rod** 007660 Series CJ2 ø6, ø10, ø16 8001 How to Order



For details about auto switches with pre-wired connector, refer to pages 1328 and 1329.
Band mounting style is not available for D-A9_V/M9_V/M9_WV and D-M9_A(V)L types.

** "D-A79W" cannot be mounted on bore size ø10 cylinder with air cushion.

None N (Example) H7CN * Solid state auto switches marked with "O" are produced upon receipt of order

* D-A9_/M9_W/A7_U/A80_/F7_U/J7_L auto switches are shipped together (not assembled). (However, when D-A9_/M9_/M9_W types are selected,

When D-A9□(V)/M9□(V)/M9□W(V) types are mounted on a ø10 or ø16 rail, order auto switch mounting brackets separately. Refer to page 123 for details.

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JIS Symbol Double acting, Single rod

Head Cover Port Location

Either perpendicular to the cylinder axis or in-line with the cylinder axis is available for basic style. (ø6 is available only as in-line style.)



Axial

Perpendicular

Made to Order Made to Order Specifications

(For details, refer to pages 1373 to 1498.)

_	
Symbol	Specifications
— XA□	Change of rod end shape
—ХВ6	Heat resistant cylinder (150°C) * Not available with switch & with air cushion
—ХВ7	Cold resistant cylinder * Not available with switch & with air cushion
—ХВ9	Low speed cylinder (10 to 50 mm/s) * Not available with air cushion
—XB13	Low speed cylinder (5 to 50 mm/s) * Not available with air cushion
—ХСЗ	Special port location * Not available with air cushion
—XC8	Adjustable stroke cylinder/Adjustable extension type
—XC9	Adjustable stroke cylinder/Adjustable retraction type
—XC10	Dual stroke cylinder/Double rod type
—XC11	Dual stroke cylinder/Single rod type
—XC22	Fluororubber seals * Not available with air cushion
—XC51	With hose nipple

Air Cylinder: Standard Type Double Acting, Single Rod Series CJ2

Specifications

Bore size (mm)		6	10	16	
Action	Double acting, Single rod				
Fluid	Air				
Proof pressure	1 MPa				
Maximum operating press		0.7 MPa			
Minimum operating pressure	Rubber bumper	0.12 MPa	0.06	MPa	
winning pressure	Air cushion	_	0.1	MPa	C.I
Ambient and fluid tempera	Without auto switch: -10°C to 70°C, With auto switch: -10°C to 60°C *				
Cushion	Rubber bumper/Air cushion			CJ	
Lubrication	Not required (Non-lube)				
Stroke length tolerance	+1.0 0			ե	
Distan aroud	Rubber bumper		50 to 750 mm/s		CN
Piston speed	Air cushion	50 to 1000 mm/s			
	Rubber bumper	0.012J	0.035J	0.090J	CC
Allowable kinetic energy	Air cushion (Effective cushion length)	_	0.07J (9.4 mm)	0.18J (9.4 mm)	M
* No freezing					M

* No freezing

Standard Stroke

andard Stroke (mm					
Bore size	Standard stroke				
6	15, 30, 45, 60				
10	15, 30, 45, 60, 75, 100, 125, 150				
16	15, 30, 45, 60, 75, 100, 125, 150, 175, 200				

* Manufacture of intermediate strokes at 1 mm intervals is possible. (Spacers are not used.)

Refer to pages 117 to 123 for cylinders with auto switches.

- Minimum stroke for auto switch mounting
- Proper auto switch mounting position (detection at stroke end) and mounting height
- Operating range

800)

• Switch mounting bracket part no.

6

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8001660

CA2

CS1

CS2