

# Air Cylinder: Standard

# Double Acting, Single Rod

# C75 Series

## ø32, ø40



### How to Order

**Double acting, Single rod** **C D 75 E 32 - 100 C J L V - B - M9BW**

<b>Built-in magnet</b>	
Nil	None
D	Built-in magnet

<b>Head cover type</b>		
E	Double end boss-cut	
F	Boss-cut/Basic	
Y	Head cover axial port	

<b>Applicable head cover</b>			
Action	Head cover type		
	E	F	Y
Rubber bumper	●	●	●
Air cushion	●	—	—

<b>Bore size</b>	
32	32 mm
40	40 mm

**Cylinder stroke [mm]**  
Refer to the next page for standard strokes.

<b>Cushion</b>	
Nil	Rubber bumper (Standard)
C	Air cushion

<b>Rod boot</b>	
Nil	Without rod boot
J	Nylon tarpaulin (One end)
K	Heat resistant tarpaulin (One end)

<b>Auto switch mounting type*1</b>	
A	Rail mounting
B	Band mounting

\*1 The symbol is "Nil" for no magnet.

<b>Accessory*1</b>	
Nil	None
V	Rod end

\*1 Refer to Mounting Brackets/ Accessories on page 58 for details of accessories.  
\* Accessory is shipped together with the product.

<b>Auto switch</b>	
Nil	Without auto switch

\* For applicable auto switches, refer to the table below.  
\* Auto switches are shipped together with the product.

**Number of auto switches**

Nil	2
S	1
n	n

**Mounting bracket\*1**

Nil	None
L	Single foot
M	Double foot
G	Flange
U	Trunnion
N	Clevis

\*1 Refer to Mounting Brackets/ Accessories on page 58 for details of mounting brackets.  
\* Mounting bracket is shipped together with the product.

**Auto switch**

<b>Applicable mounting bracket</b>						
Action	Head cover type	Mounting bracket				
		L	M	G	U	N
Rubber bumper	E	●	●	●	●	●
	F	●	—	●	●	●
	Y	●	—	●	●	●
Air cushion	E	●	●	●	●	●

**Made to order**  
For details, refer to page 57.

### Applicable Auto Switches/Refer to the Web Catalog or Best Pneumatics No. 2-1 for further information on auto switches.

Type	Special function	Electrical entry	Indicator light	Wiring (Output)	Load voltage		Auto switch model				Lead wire length [m]					Pre-wired connector	Applicable load			
					DC	AC	Band mounting		Rail mounting		0.5 (Nil)	1 (M)	3 (L)	5 (Z)	None (N)					
							Perpendicular	In-line	Perpendicular	In-line										
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	5 V, 12 V	—	M9NV	M9N	F7NV	F79	●	●	●	○	○	IC circuit				
				3-wire (PNP)			M9PV	M9P	F7PV	F7P	●	●	●	○	○					
		Connector		2-wire			M9BV	M9B	F7BV	J79	●	●	●	○	○		—			
				—			H7C	J79C	—	●	—	●	●	—	—					
		Diagnostic indication (2-color indicator)		Grommet			3-wire (NPN)	24 V	5 V, 12 V	M9NVV	M9NW	F7NVV	F79W	●	●		●	○	○	IC circuit
	3-wire (PNP)				M9PWW	M9PW	—			F7PWW	●	●	●	○	○					
	Connector			2-wire	M9BWW	M9BW	F7BWW			J79W	●	●	●	○	○	—				
				3-wire (NPN)	M9NAV*1	M9NA*1	—			—	○	○	●	○	○					
	Grommet			3-wire (PNP)	M9PAV*1	M9PA*1	—			—	○	○	●	○	○					
		2-wire		M9BAV*1	M9BA*1	F7BAV*1	F7BA*1	○	○	●	○	○	IC circuit							
Reed auto switch	—	Grommet	Yes	3-wire (NPN equivalent)	5 V	—	A96V	A96	—	A76H	●	—		●	—	—	IC circuit			
				2-wire			24 V	12 V	—	—	A72	A72H	●	—	●	—		—		
		Connector		100 V					A93V*2	A93	A73*2	A73H*2	●	●	●	●	—	—		
				100 V or less					A90V	A90	A80	A80H	●	—	●	—	—	IC circuit		
				24 V or less					—	C73C	A73C	—	●	—	●	●	●		—	
		Grommet		Yes					—	—	—	—	—	—	A80C	A80C	—	●	—	●
				No			—	—	—	—	—	—	A79W	—	—	●	—	●	—	

\*1 Water resistant type auto switches can be mounted on the above models, but SMC cannot guarantee water resistance. Please contact SMC regarding water resistant types with the above model numbers.  
 \*2 1 m lead wire is only applicable to the D-A93.  
 \* Lead wire length symbols: 0.5 m..... Nil (Example) M9NW      3 m..... L (Example) M9NLW      None..... N (Example) H7CN  
 1 m..... M (Example) M9NWM      5 m..... Z (Example) M9NZW  
 \* Since there are other applicable auto switches than listed above, refer to page 111 for details.  
 \* Solid state auto switches marked with "○" are produced upon receipt of order.  
 \* D-A9□/M9□/A7□/A80□/F7□/J7□ auto switches are shipped together, but not assembled. (For band mounting, only the auto switch mounting brackets are assembled before shipment.)



Standard Double Acting, Single Rod C85  
 Standard Double Acting, Double Rod C85W  
 Non-rotating Rod Single Acting, Spring Return Type C85  
 Non-rotating Rod Double Acting, Single Rod C85K  
 Non-rotating Rod Single Acting, Spring Return Type C85K  
 Non-rotating Rod Double Acting, Double Rod C85K  
 Direct Mount Double Acting, Single Rod C85R  
 Direct Mount Double Acting, Double Rod C85R  
 Standard Double Acting, Double Rod C75W  
 Non-rotating Rod Single Acting, Spring Return Type C75  
 Non-rotating Rod Double Acting, Single Rod C75K  
 Non-rotating Rod Single Acting, Spring Return Type C75K  
 Direct Mount Double Acting, Single Rod C75R  
 Direct Mount Auto Switch  
 Made to Order