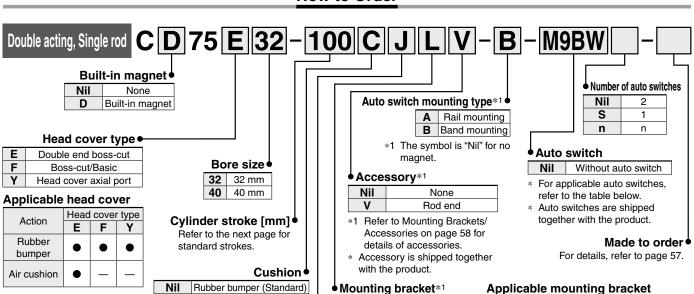
Air Cylinder: Standard **Double Acting, Single Rod**

C75 Series ø**32,** ø**40**



How to Order



Rod boot

Nil	Without rod boot					
J Nylon tarpaulin (One e						
K	Heat resistant tarpaulin (One end)					

Air cushion

Nil	None
L	Single foot
М	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.

Applicable illouliting bracket										
Action	Head	Mounting bracket								
Action	cover type	L	M	G	U	N				
Dulahar	Е	•	•	•	•	•				
Rubber bumper	F	•	_	•	•	•				
builipei	Υ	•	_	•	•	•				
Air cushion	E	•	•	•	•	•				

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

Ė	•		ŧ			Load vo	oltage		Auto swit	ch model		Lea	d wir	e ler	nath																		
Туре	Special function	Special function Electrical entry Wiring entry Wiring		ng		Band mounting Rail mounting			0.5				None		Applicable load																		
		Onay	宣	(Output)			7.0	Perpendicular	In-line	Perpendicular	In-line	(Nil)	(M)	(L)	(Z)	(N)	COMMODICAL		uu .														
				3-wire (NPN)		5 V, 12 V		M9NV	M9N	F7NV	F79			•	0	—	0	IC circuit															
ڃ		Grommet		3-wire (PNP)		3 V, 12 V		M9PV	M9P	F7PV	F7P	•	•	•	0	_	0	IC CITCUIT															
switch				0		10.1/		M9BV	M9B	F7BV	J79	•	•	•	0	-	0																
		Connector		2-wire		12 V		_	H7C	J79C	_	•	_	•	•	•	_	—															
auto	Diama and a familia attack		1	3-wire (NPN)	1	5 V 40 V		M9NWV	M9NW	F7NWV	F79W	•	•	•	0	_	0	10 -11	1														
	Diagnostic indication	1 174	color indicator) /ater resistant Grommet	Yes	3-wire (PNP)	24 V	5 V, 12 V		M9PWV	M9PW	_	F7PW	•	•	•	0	_	0	IC circuit	Relay, PLC													
state	(2-color indicator)				2-wire	1	12 V		M9BWV	M9BW	F7BWV	J79W	•	•	•	0	_	0	_	FLC													
		ter resistant		Grommet	Grommet	Grommet	Grommet	Grommet	Grommet	Grommet	Grommet	Grommet	Grommet	Grommet	Grommet	Grommet	iet	3-wire (NPN)	N)	5 V 40 V		M9NAV*1	M9NA*1	_	_	0	0	•	0	_	0	10 -11]
Solid																					3-wire (PNP))	5 V, 12 V		M9PAV*1	M9PA*1	_	_	0	0	•	0	_
ŏ	(2-color indicator)			2-wire] !		12 V	12 V	12 V		V	M9BAV*1	M9BA*1	F7BAV*1	F7BA*1	0	0	•	0	_	0	_	1 1									
	With diagnostic output (2-color indicator)			4-wire (NPN)	1	5 V, 12 V		_	H7NF	_	F79F	•	_	•	0	_	0	IC circuit	1														
switch			V	3-wire (NPN equivalent)		5 V	_	A96V	A96	_	A76H	•	_	•	_	_	_	IC circuit	_														
Ň			Yes		1	_	200 V	_	_	A72	A72H	•	_	•	_	_	_																
		Grommet								100 V	A93V*2	A93V*2 A93 A7	A73*2	A73H*2	•	•	•	•	_	_	1 —												
auto			No	١		40.11	100 V or less	A90V	A90	A80	A80H	•	_	•	_	_	_	IC circuit	Relay.														
				Yes	2-wire	24 V	12 V	_	_	C73C	A73C	_	•	_	•	•	•	_	_	PLĆ													
Reed		Connector	No	1				24 V or less	_	C80C	A80C	_	•	_	•	•	•	_	IC circuit	1													
	Diagnostic indication (2-color indicator)	Grommet	Yes			_	_	_	_	A79W	_	•	_	•	_		_	_	1 1														

- *1 Water resistant type auto switches can be mounted on the above models, but SMC cannot guarantee water resistance.
 *2 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 ····· M (Example) M9NWM
- (Example) M9NWL 3 m..... L 5 m····· Z (Example) M9NWZ
- None N (Example) H7CN
- Since there are other applicable auto switches than listed above, refer to page 111 for details.
- Solid state auto switches marked with "O" are produced upon receipt of order.
- D-A9 \(M9 \(A7 \) A80 \(JF7 \) J7 \(auto switches are shipped together, but not assembled. (For band mounting, only the auto switch mounting brackets are assembled before shipment.)

Non-rotating Rod

Direct Mount

Non-rotating Rod

Auto Switch Made to Order

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C85/C75 Series Made to Order

Please contact SMC for detailed dimensions, specifications, and lead times.



Symbol

1 Heat Resistant Cylinder (-10 to 150°C)

-XB6

Air cylinder which changed the seal material and grease, so that it could be used even at higher temperature up to 150 from -10°C.

Applicable Series

Series	Description	Model	Action	Note
	Standard	C85	Double acting, Single rod	Rubber bumper ø10 to ø25 only
C85	Stariuaru	C85W	Double acting, Double rod	Rubber bumper ø10 to ø25 only
	Direct mount	C85R	Double acting, Single rod	ø20, ø25 only
	Standard	C75	Double acting, Single rod	Rubber bumper only
C75	Sianuaru	C75W	Double acting, Double rod	Rubber bumper only
	Direct mount	C75R	Double acting, Single rod	

- * Operate without lubrication from a pneumatic system lubricator.
- * Please contact SMC for details on the maintenance intervals for this cylinder, which differ from those of the standard cylinder.
- * In principle, it is impossible to make built-in magnet type and the one with auto switch. But, as for the one with auto switch, and the heat resistant cylinder with heat resistant auto switch, please contact SMC.
- * Piston speed is ranged from 50 to 500 mm/s.

Specifications

Ambient temperature range	−10°C to 150°C		
Seal material	Fluororubber		
Grease	Heat resistant grease		
Auto switch	Not mountable*1		
Dimensions	Same as standard		
Specifications other than above	Same as standard		

^{*1} Manufacturing built-in magnet type and the one with auto switch is impossible.

⚠ Warning Precautions

Be aware that smoking cigarettes etc. after your hands have come into contact with the grease used in this cylinder can create a gas that is hazardous to humans.

How to Order

Standard model no. – XB6

Heat resistant cylinder •

2 Cold Resistant Cylinder (–40 to 70°C)

Symbol

-XB7

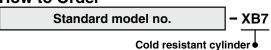
Air cylinder which changed the seal material and grease, so that it could be used even at lower temperature down to -40°C.

Applicable Series

	5			
Series	Description	Model	Action	Note
C85	Standard	C85	Double acting, Single rod	Rubber bumper ø20 to ø25 only
	Sidiludiu	C85W	Double acting, Double rod	Rubber bumper ø20 to ø25 only
	Direct mount	C85R	Double acting, Single rod	ø20, ø25 only
C75	Standard	C75	Double acting, Single rod	Rubber bumper only
	Standard	C75W	Double acting, Double rod	Rubber bumper only
	Direct mount	C75R	Double acting, Single rod	

- * Operate without lubrication from a pneumatic system lubricator.
- * Use dry air which is suitable for heatless air dryer etc. not to cause the moisture to be frozen.
- Please contact SMC for details on the maintenance intervals for this cylinder, which differ from those of the standard cylinder.
- Manufacturing built-in magnet type and mounting an auto switch are impossible.
- * No cushion type is adopted. Piston speed is ranged from 50 to 500 mm/s.

How to Order



Specifications

Ambient temperature range	−40°C to 70°C
Seal material	Low nitrile rubber
Grease	Cold resistant grease
Auto switch	Not mountable*1
Dimensions	Same as standard
Specifications other than above	Same as standard

^{*1} Manufacturing built-in magnet type and the one with auto switch is impossible.

⚠Warning Precautions

Be aware that smoking cigarettes etc. after your hands have come into contact with the grease used in this cylinder can create a gas that is hazardous to humans.

