

Mechanically Jointed Rodless Cylinder/Basic Type

Series MY3A/3B

ø16, ø20, ø25, ø32, ø40, ø50, ø63

How to Order

Basic MY3 **B** **16** - **300** **HL** - **M9BW** -

Type

A	Short type (Rubber bumper)
B	Standard type (Air cushion)

Cylinder bore size

16	16 mm
20	20 mm
25	25 mm
32	32 mm
40	40 mm
50	50 mm
63	63 mm

Port thread type

Symbol	Type	Bore size
Nil	M5	ø16, ø20
	Rc	ø25, ø32, ø40
TN	NPT	ø50, ø63
TF	G	ø50, ø63

Stroke

* Refer to "Standard Stroke" table on page 14 for further information.

Number of auto switches

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

Auto switch

Nil	Without auto switch (Built-in magnet)
-----	---------------------------------------

* Refer to the table below for auto switch model numbers.

Stroke adjustment unit

Symbol	Stroke adjustment unit	Applicable model
Nil	Without adjustment unit	MY3A, MY3B
L	With shock absorbers for low load on both sides	MY3B
H	With shock absorbers for high load on both sides	
LS	With a shock absorber for low load on left side	
SL	With a shock absorber for low load on right side	
HS	With a shock absorber for high load on left side	
SH	With a shock absorber for high load on right side	
LH	With L unit on left side and H unit on right side	
HL	With H unit on left side and L unit on right side	

Stroke adjustment unit appearance and mounting direction
In case of the MY3B

Applicable Auto Switches/ Refer to Best Pneumatics No. 2, pages 1263 to 1371 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	Perpendicular	In-line	0.5 (Nil)	1 (M)	3 (L)	5 (Z)				
Solid state switch	—	Grommet	Yes	3-wire (NPN)	24 V	5 V, 12 V	—	M9NV	M9N	●	●	●	○	○	IC circuit	Relay, PLC
	3-wire (PNP)			M9PV				M9P	●	●	●	○	○			
	2-wire			M9BV				M9B	●	●	●	○	○	—		
	3-wire (NPN)			M9NWV				M9NW	●	●	●	○	○	IC circuit		
	3-wire (PNP)			M9PWV	M9PW	●		●	●	○	○	—				
	2-wire			M9BWV	M9BW	●		●	●	○	○					
Reed switch	—	Grommet	Yes	3-wire (NPN equiv.)	—	5 V	—	A96V	A96	●	—	●	—	—	IC circuit	—
				2-wire	24 V	12 V	100 V	A93V	A93	●	—	●	—	—	—	Relay, PLC
			100 V or less				A90V	A90	●	—	●	—	—	IC circuit		

* Lead wire length symbols: 0.5 m Nil
1 m M
3 m L
5 m Z

(Example) M9NW
(Example) M9NWM
(Example) M9NWL
(Example) M9NWZ

* Solid state auto switches marked with a "○" symbol are produced upon receipt of order.

* In addition to the models in the above table, there are some other auto switches that are applicable. For more information, please refer to page 38.

* Refer to Best Pneumatics No. 2, pages 1328 to 1329 for the details of auto switches with a pre-wired connector.

* Auto switches are shipped together, but not assembled.