

Mechanically Jointed Rodless Cylinder High Rigidity/Linear Guide Type

MY1HT Series

ø50, ø63

How to Order

High Rigidity/
Linear Guide Type

MY1HT 50 [] [] - 400 L - Y7BW [] - []

High rigidity/Linear guide type
(2 linear guides)

1 2 3 4 5 6 7 8

1 Bore size

50	50 mm
63	63 mm

2 Port thread type

Symbol	Type	Bore size
Nil	Rc	ø50, ø63
TN	NPT	
TF	G	

3 Piping

Nil	Standard type
G	Centralized piping type

4 Stroke

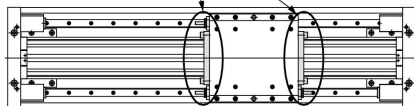
Refer to "Standard Stroke"
on page 1325.

5 Stroke adjustment unit

L	One shock absorber at each stroke end
H	Two shock absorbers at each stroke end
LH	One shock absorber at left side, two shock absorbers at right side
HL	Two shock absorbers at left side, one shock absorber at right side

* The positions right and left are for when the label is on the front side.
Refer to the figure below for details.

Two shock absorbers at left side One shock absorber at right side



Note) With top cover removed

Label position

6 Auto switch

Nil	Without auto switch (Built-in magnet)
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* For the applicable auto switch model,
refer to the table below.

7 Number of auto switches

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

8 Made to Order

Refer to page 1325 for details.

Option

Stroke Adjustment Unit Part No.

Bore size (mm)	50	63
Unit type	MYT-A50L	MYT-A63L

Side Support Part No.

Type	Bore size (mm)	50	63
Side support A		MY-S63A	
Side support B		MY-S63B	

For details about dimensions, etc., refer to page 1330.

A set of side supports consists of a left support and a right support.

Applicable Auto Switches

Refer to pages 1575 to 1701 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)	3 (L)	5 (Z)	IC circuit		Relay, PLC	
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	5 V, 12 V	—	Y69A	Y59A	●	●	○	○	IC circuit	Relay, PLC	
				3-wire (PNP)			Y7PV	Y7P	●	●	○	○			
	2-wire			Y69B	Y59B		●	●	○	○	—				
	3-wire (NPN)			Y7NVV	Y7NW		●	●	○	○	IC circuit				
Water resistant (2-color indicator)	—	Grommet	No	3-wire (PNP)	5 V, 12 V	Y7PWV	Y7PW	●	●	○	○	—			
				2-wire		Y7BWV	Y7BW	●	●	○	○				
				—	12 V	—	Y7BA ^{*1}	—	●	○	○	—			
				—		—	—	—	—	—	—	—			
Reed auto switch	—	Grommet	Yes	3-wire (NPN equivalent)	—	5 V	—	Z76	●	●	—	—	IC circuit	—	
				2-wire	24 V	12 V	100 V	—	Z73	●	●	●	—	—	Relay, PLC
			No			100 V or less		Z80	●	●	●	—	—	IC circuit	

*1 Water resistant type auto switches can be mounted on the above models, but in such case SMC cannot guarantee water resistance.

Consult with SMC regarding water resistant types with the above model numbers.

*2 For details on switch mounting brackets and part numbers, refer to "Switch Mounting Bracket: Part No." on page 1333-1.

* Lead wire length symbols: 0.5 m ---- Nil (Example) Y7BW

3 m ---- L (Example) Y7BWL

5 m ---- Z (Example) Y7BWZ

* There are other applicable auto switches than listed above. For details, refer to page 1333-1.

* Auto switches are shipped together (not assembled). (For details about auto switch mounting, etc., refer to page 1332.)