

Mechanically Jointed Rodless Cylinder Slide Bearing Guide Type

Series MY1M

ø16, ø20, ø25, ø32, ø40, ø50, ø63

How to Order

Slide bearing guide type MY1M 20 G - 300 L S - M9BW

Slide bearing guide type

Bore size (mm)

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	M thread	ø16, ø20
Rc	Rc	ø25, ø32,
TN	NPT	ø40, ø50,
TF	G	ø63

Piping

Nil	Standard type
G	Centralized piping type

Stroke (mm)

Refer to "Standard Stroke" on page 981.

Stroke adjusting unit

Nil	Without adjusting unit
A	With adjusting bolt
L	With low load shock absorber + Adjusting bolt
H	With high load shock absorber + Adjusting bolt
AL	With one A unit and one L unit
AH	With one A unit and one H unit each
LH	With one L unit and one H unit each

Number of auto switches

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

Made to Order
Refer to page 981 for details.

Suffix for stroke adjusting unit

Nil	Both ends
S	One end

Note) "S" is applicable for stroke adjusting units A, L and H.

Auto switch

Nil	Without auto switch (Built-in magnet)
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Applicable auto switches vary depending on the bore size. Select an applicable one referring to the table below.

Shock Absorbers for L and H Units

Bore size (mm)	16	20	25	32	40	50	63
L unit	RB0806	RB1007	RB1412	RB2015	RB2725		
H unit	—	RB1007	RB1412	RB2015	RB2725		

Note) MY1M16 is not available with H unit.

Applicable Auto Switch/Refer to 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)				
							ø16, ø20	ø25 to ø63	ø16, ø20	ø25 to ø63								
Solid state switch	—	Grommet	Yes	3-wire (NPN)	24V	5V, 12V	—	M9NV ** [Y69A]		M9N ** [Y59A]		●	● [—]	●	○	○	IC circuit	Relay, PLC
				M9PV ** [Y7PV]				M9P ** [Y7P]		●	● [—]	●	○	○				
				M9BV ** [Y69B]				M9B ** [Y59B]		●	● [—]	●	○	○				
	3-wire (NPN)			24V	5V, 12V	M9NVW ** [Y7NWV]		M9NW ** [Y7NW]		●	● [—]	●	○	○	IC circuit			
	3-wire (PNP)					M9PWV ** [Y7PWV]		M9PW ** [Y7PW]		●	● [—]	●	○	○				
	2-wire					24V		12V	M9BWW ** [Y7BWV]		M9BW ** [Y7BW]		●	● [—]		●	○	
Reed switch	—	Grommet	Yes	3-wire (NPN equivalent)	—	5V	—	A96V	—	A96	Z76	●	—	●	—	—	IC circuit	—
				2-wire	24V	12V	100V	A93V	—	A93	—	●	—	●	—	—	—	—
			—					—	—	Z73	●	—	●	●	—	—	—	—

* Lead wire length symbols: 0.5 m Nil (Example) M9NW
1 m M (Example) M9NWM
3 m L (Example) M9NWL
5 m Z (Example) M9NWZ

* Solid state auto switches marked with "○" are produced upon receipt of order.
** D-M9□□□ type cannot be mounted on ø25 to ø40.
Select auto switches in brackets.

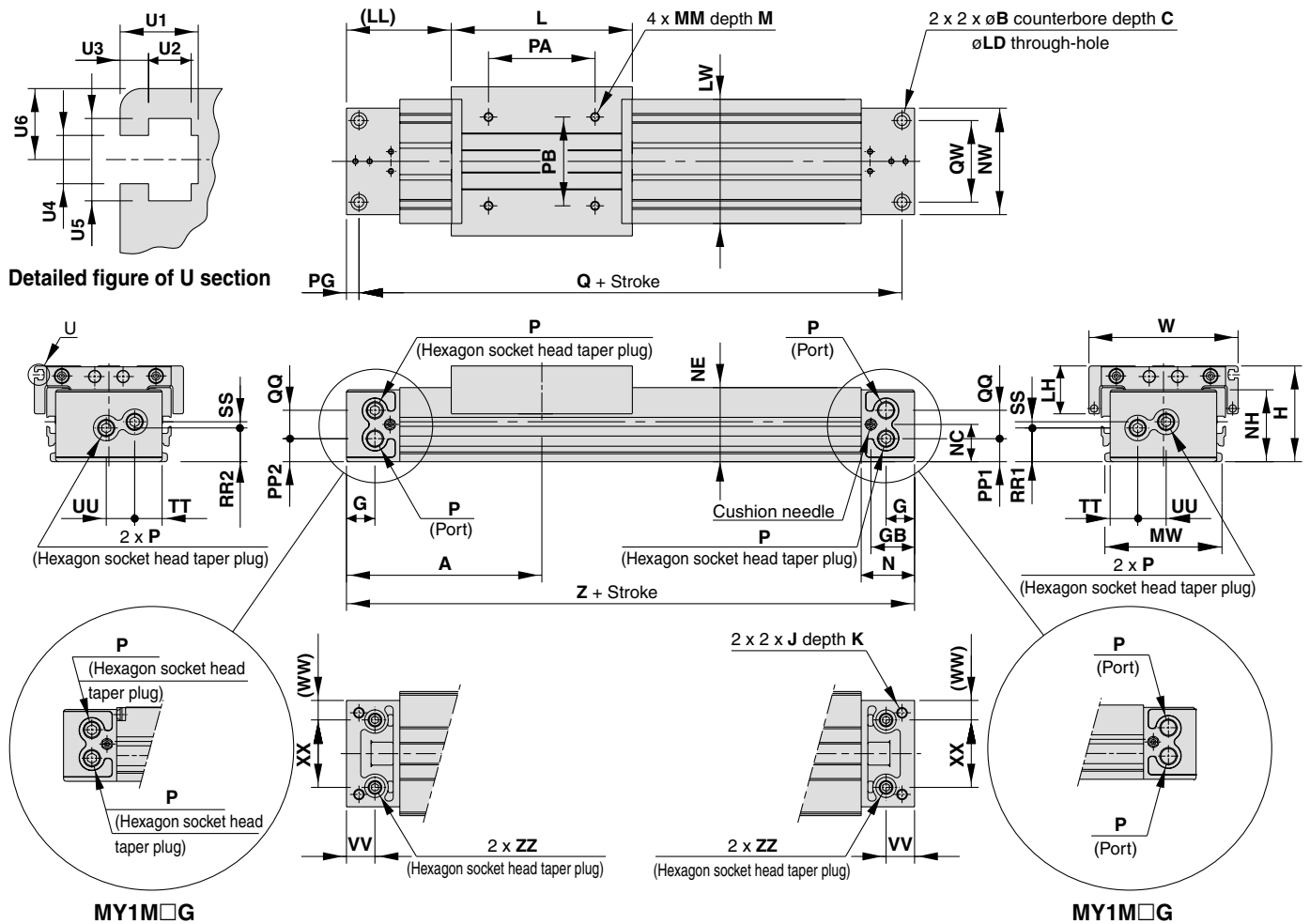
* There are other applicable auto switches than listed above. For details, refer to page 1053.
* For details about auto switches with pre-wired connector, refer to pages 1328 and 1329.
* Auto switches are shipped together (not assembled).

Mechanically Jointed Rodless Cylinder Slide Bearing Guide Type **Series MY1M**

Standard Type/Centralized Piping Type $\phi 25, \phi 32, \phi 40$

Refer to page 1056 regarding centralized piping port variations.

MY1M25□/32□/40□ — Stroke



MY1M□G

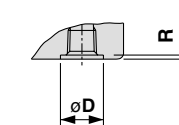
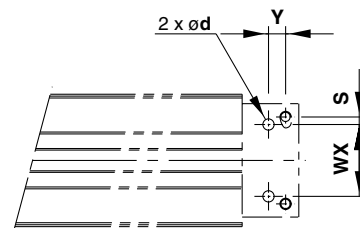
MY1M□G

Model	A	B	C	G	GB	H	J	K	L	LD	LH	LL	LW	M	MM	MW	N	NC	NE	NH	NW	P	PA
MY1M25□	110	9	5.5	17	24.5	54	M6 x 1	9.5	102	5.6	27	59	70	10	M5 x 0.8	66	30	21	41.8	40.5	60	Rc1/8	60
MY1M32□	140	11	6.5	19	30	68	M8 x 1.25	16	132	6.8	35	74	88	13	M6 x 1	80	37	26	52.3	50	74	Rc1/8	80
MY1M40□	170	14	8.5	23	36.5	84	M10 x 1.5	15	162	8.6	38	89	104	13	M6 x 1	96	45	32	65.3	63.5	94	Rc1/4	100

"P" indicates cylinder supply ports.

Detailed Dimensions of U Section

Model	PB	PG	PP1	PP2	Q	QQ	QW	RR1	RR2	SS	TT	UU	VV	W	WW	XX	Z	ZZ
MY1M25□	50	7	12.7	17.2	206	16	46	18.9	17.9	4.1	15.5	16	16	84	11	38	220	Rc 1/16
MY1M32□	60	8	15.5	18.5	264	16	60	22	24	4	21	16	19	102	13	48	280	Rc 1/16
MY1M40□	80	9	17.5	20	322	26	72	25.5	29	9	26	21	23	118	20	54	340	Rc 1/8



Bottom ported (ZZ)
(Applicable O-ring)

Hole Size for Centralized Piping on the Bottom

Model	WX	Y	S	d	D	R	Applicable O-ring
MY1M25□	38	9	4	6	11.4	1.1	C9
MY1M32□	48	11	6	6	11.4	1.1	
MY1M40□	54	14	9	8	13.4	1.1	C11.2

(Machine the mounting side to the dimensions below.)