Mechanically Jointed Rodless Cylinder Cam Follower Guide Type Series MY2C

ø16, ø25, ø40



Refer to "Standard Stroke" table

Stroke adjusting unit

Nil	Without adjusting unit						
L With low load shock absorber							
н	With heavy-loaded shock absorber						
LH	With one L unit and one H unit each						

Shock absorbers for L and H units

Bore size (mm) Unit type	16	25	40
L unit	RB0806	RB1007	RB1412
H unit	_	RB1412	RB2015

Applicable Auto Switch/Refer to pages 1263 to 1371 for the detailed specifications of auto switches.

۵				M/inin a	Load voltage		ge	Auto swit	ch model	Lead wire length (m)			h (m)) Pro wirod		V						
Typ	Special function Electrical Indicate entry light	Indicator light	(Output)	D	o	AC	Perpendicular entry	In-line entry	0.5 (Nil)	1 (M)	3 (L)	5 (Z)	connector	Applica	ble load							
с,	Diagnostic indication (2-color)			3-wire(NPN)		EV 10V		M9NV	M9N		•	•	0	0	IC	P						
wit				3-wire(PNP)		50,120		M9PV	M9P			•	0	0	circuit							
e		Crommot	Crear No.	2-wire		12V		M9BV	M9B				0	0	_	Relay,						
sta		ommet res	3-wire(NPN)	-wire(NPN) -wire(PNP)	24V		M9NWV	M9NW		•		0	0	IC	PLC							
lid			3-wire(PNP)		50,120	50,120	50,120	50,120	50,120	50,120	50,120	30,120	30,120	50,120	50,120		M9PWV	M9PW				0
s	(indication)								2-wire		12V		M9BWV	M9BW				0	0	_		
switch		Crommot	Yes	3-wire (NPN equiv.)	—	5V	—	A96V	A96	•	-	•	-	_	IC circuit	_						
g		Giommet		0 wire	241/	101/	100 V	A93V	A93		-		—	_	—	Relay,						
Be			No	∠-wire	24V	120	100 Vor less	A90V	A90		-		_	_	_	PLC						
* Lea	* Lead wire length symbols: 0.5 m Nil (Example) M9NW * Solid state auto switches marked "O" are produced upon receipt of order.																					

1 m······ M (Example) M9NWM

3 m L (Example) M9NWL

5 m······ Z (Example) M9NWZ

* Refer to page 1114 for applicable auto switches other than listed above.

* Refer to pages 1328 and 1329 for the details of auto switches with a pre-wired connector

* Auto switches are shipped together (not assembled).



JIS Symbol

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8001660.013

660.0133

Mechanically Jointed Rodless Cylinder Cam Follower Guide Type Series MY2C

Specifications

Bore size (mm)	16	25	40		
Fluid	Air				
Action		Double acting			
Operating pressure range		0.1 to 0.8 MPa			
Proof pressure	1.2 MPa				
Ambient and fluid temperature					
Cushion	Air cushion, Shock absorber				
Lubrication	Not required (Non-lube)				
Stroke length tolerance	$\begin{array}{c c} 1000 \text{ or less } {}^{+1.8}_{0} \\ 1001 \text{ to } 3000 {}^{+2.8}_{0} \end{array} 2700 \text{ or less } {}^{+1.8}_{0} \text{ , } 2701 \text{ to } 5000 {}^{+2.4}_{0} \end{array}$				
Port size	M5 x 0.8	Rc 1/8	Rc 1/4		

Stroke Adjusting Unit Specifications

Bore size (mm)	16	2	5	40		
Unit symbol	L	L	н	L	н	
Shock absorber model 🥢	RB0806	RB1007	RB1412	RB1412	RB2015	
Stroke fine adjusting range (mm)	0 to -5.6	0 to -	-11.5	0 to	-16	
Stroke adjusting range	When exceeding the str Specifications "-X416" a	oke fine adju and "-X417".	usting range: (Refer to pag	Use the Ma ge 1554 for c	de to Order details.)	

* Fine stroke adjustment range is applicable for one side when mounted on a cylinder.

Shock Absorber Specifications

Model		RB 0806	RB 1007	RB 1412	RB 2015			
Max. energy absorption (J)		2.9	5.9	19.6	58.8			
Stroke absorption (mm)		6	7 12		15			
Max. impact sp	eed (mm/s)	1500	1500	1500	1500			
Max. operating frequency (cycle/min)		80	70	45	25			
Spring	Extended	1.96	4.22	6.86	8.34			
force (N)	Compressed	4.22	6.86	15.98	20.50			
Operating temper	rature range (°C)		5 to	60				

* The shock absorber service life is different from that of the MY2C cylinder depending on operating conditions. Refer to the Specific Product Precautions for the replacement period.

Piston Speed

	Bore size (mm)		16	25	40
	Without stroke adjusting unit	I	-	100 to 1000 mm/	(S Note 1)
	Stroke adjusting unit	L unit and H unit	-	100 to 1500 mm/	's
Note 1) When every direction the six evention stroke remove on page 1004 the mister encoded should					

nen exceeding the air cushion stroke ranges on page 1094, the **piston speed** should 100 to 200 mm/s.

Note 2) Use at a piston speed within the absorption capacity range. Refer to page 1094.

Standard Stroke

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Bore size (mm)	Standard stroke (mm) *	Maximum manufacturable stroke (mm)				
16	100, 200, 300, 400, 500, 600, 700, 800, 900	3000				
25, 40	1000, 1200, 1400, 1600, 1800, 2000	5000				
* Strokes are manufacturable in 1 mm increments, up to the maximum stroke.						

When exceeding a 2000 mm stroke, specify "-XB11" at the end of the model number. Refer to the Made to Order Specifications on page 1405.



MY3M