

Series variation



Magnet rodless cylinder MRL2 Series

SCP*3									
CMK2									
CMA2	Series	Variation	Model No.	Bore size (mm)	Cushion		Standard stroke (mm)		
SCM					Rubber cushion	Rubber-air cushion			
SCG									
SCA2									
SCS2									
CKV2									
CAV2/ COVPIN2							50	100	
SSD2	Basic MRL2 series	Fine speed with switch	MRL2 MRL2-L MRL2-F	ø6	●	◎	●	●	
SSG				ø10			●	●	
SSD				ø16				●	
CAT				ø20					
MDC2				ø25					
MVC				ø32					
SMG	Simplified guide 1-piston MRL2-G Series	Fine speed with switch	MRL2-G MRL2-GL MRL2-GF	ø6	●	◎	●	●	
MSD/ MSDG				ø10			●	●	
FC*				ø16				●	
STK				ø20					
SRL3				ø25					
SRG3				ø32					
SRM3	Simplified guide 2-piston MRL2-W Series	Fine speed with switch	MRL2-W MRL2-WL MRL2-WF	ø6	●	◎	●	●	
SRT3				ø10			●	●	
MRL2				ø16				●	
MRG2				ø20					
SM-25				ø25					
				ø32					
ShkAbs									
FJ									
FK									
Spd Contr									
Ending									

●: Standard, ○:Option, ■: Not available

Standard stroke (mm)										Min. stroke (mm)	Max. stroke ^{*1} (mm)	Custom stroke (per mm)	Option				Page
	150	200	250	300	350	400	500	600	700				With scraper	Common piping with switch	With shock absorber	Copper and PTFE free specifications ^{*2}	
													S	R	C	(P6)	
	●	●	■	■	■	■	■	■	■	1	300	1	○	■	■	●	1740
	●	●	●	●	■	■	■	■	■		500		○	■	■	●	
	●	●	●	●	■	●	●	■	■		1000		○	■	■	●	
	■	●	●	●	●	●	●	●	●		1500		○	■	■	●	
	■	●	●	●	●	●	●	●	●		1500		○	■	■	●	
	■	●	●	●	●	●	●	●	●		1500		○	■	■	●	
	●	●	■	■	■	■	■	■	■	1	300	1	○	■	○	●	1740
	●	●	●	●	■	■	■	■	■		500		○	○	○	●	
	●	●	●	●	■	●	●	■	■		1000		○	○	○	●	
	■	●	●	●	●	●	●	●	●		1500		○	○	○	●	
	■	●	●	●	●	●	●	●	●		1500		○	○	○	●	
	■	●	●	●	●	●	●	●	●		1500		○	○	○	●	
	●	●	■	■	■	■	■	■	■	1	300	1	○	■	○	●	1740
	●	●	●	●	■	■	■	■	■		500		○	○	○	●	
	●	●	●	●	■	●	●	■	■		1000		○	○	○	●	
	■	●	●	●	●	●	●	●	●		1500		○	○	○	●	
	■	●	●	●	●	●	●	●	●		1500		○	○	○	●	
	■	●	●	●	●	●	●	●	●		1500		○	○	○	●	

- *1 : · The max. strokes of models equipped with a switch are ø6: 200 mm, ø10: 300 mm, ø16: 500 mm, ø20 to ø32: 700 mm
 · The max. strokes of fine speed models are ø6: 300 mm, ø10: 500 mm, ø16 to ø25: 800 mm, ø32: 700 mm
 · The max. stroke of common piping models equipped with a switch are ø10: 300 mm, ø16: 500 mm, ø20 to ø32: 700 mm

- *2 : · Although copper and PTFE free specifications are available with the standard models, these specifications are not available for types with shock absorber and fine speed.

Variation and option combination selection table

- : Standard
- ◎: Option
- : Available (made-to-order product)
- △: Available depending on conditions (Contact CKD.)
- ×: Not available

Category		Category	Variation					Port thread		Cushion		Option				
			Double acting basic	Twin 1-piston	Twin 2-piston	With cylinder switch	Fine speed	NPT (ø25/ø32)	G (ø25/ø32)	Rubber-air cushioned		With shock absorber	With scraper	Common piping with switch	Clean-room specifications (low dust generation)	
		Code	None	G	W	L	F	N	G	C		C	S	R	P72	
SSD	Double acting basic	Blank						○	○	◎		×	◎	×	◎	
CAT	Twin 1 piston	G			×	◎	◎	○	○	◎		◎	◎	◎	◎	
MDC2	Twin 2 piston	W				◎	◎	○	○	◎		◎	◎	◎	◎	
MVC	With cylinder switch	L					◎	○	○	◎		◎	◎	*3	◎	
SMG	Fine speed	F						○	○	◎		*1	×	×	×	
MSD/MSDG	NPT(ø25/ø32)	N							×	○		○	○	○	○	
FC*	G (ø25/ø32)	G								○		○	○	○	○	
STK	Rubber-air cushioned	C										◎	◎	◎	◎	
SRL3	With shock absorber	C											◎	◎	×	
SRG3	With scraper	S												◎	*4	
SRM3	Common piping with switch	R													◎	
SRT3	Clean-room specifications (low dust generation)	P72														
ShkAbs																
FJ	Cylinder switch	Listed separately	◎	◎	◎	◎	◎	○	○	◎		◎	◎	◎	◎	
FK																
Spd Contr																
Ending																

Caution

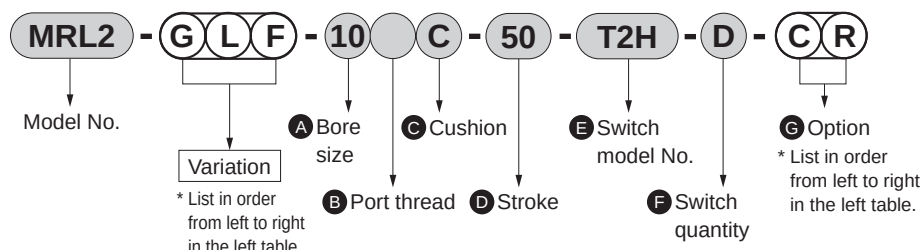
*1: Fine speed performance upon entry into the shock absorber cannot be guaranteed.

*2: For P72 clean room specifications, refer to "Components for Clean Room Specifications" (catalog No. CB-033SA).

*3: When selecting a common piping with an "R" switch, be sure to combine the unit with "L" with switch.

*4: As the clean-room specifications P72 are all equipped with a scraper, the code "S" is not required.

[Example of model No.]



Model No.: Magnet rodless cylinder

● Variations: Simplified guide 1 piston, with switch, fine speed

- A Bore size : $\varnothing 10$ mm
- B Port thread : Rc thread
- C Cushion : Rubber-air cushion
- D Stroke : 50 mm
- E Switch model No. : Proximity T2H switch, lead wire 1 m
- F Switch quantity : 2
- G Option : With shock absorber, common piping

SCP*3
CMK2
CMA2
SCM
SCG
SCA2
SCS2
CKV2
CAV2/ COVP/IN2
SSD2
SSG
SSD
CAT
MDC2
MVC
SMG
MSD/ MSDG
FC*
STK
SRL3
SRG3
SRM3
SRT3
MRL2
MRG2
SM-25
ShkAbs
FJ
FK
Spd Contr
Ending