

Series variation

Compact cylinder SMG Series

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

Variation	Model No. JIS symbol	Bore size (mm)	Standard stroke (mm)													Min. stroke (mm) (*1)	Max. stroke (mm)	Custom stroke (per mm)	Switch	Page
			5	10	15	20	25	30	40	50	60	70	80	90	100					
Double acting/ single rod with switch	SMG SMG-L	ø6/ø10/ø16	●	●	●	●	●	●	●	●	●	■	■	■	■	5	60	5	◎	1386
		ø20/ø25/ø32	●	●	●	●	●	●	●	●	●	●	●	●	●	5	100	5	◎	
Single acting/ push with switch	SMG-X SMG-XL	ø6/ø10/ø16	●	●	●	■	■	■	■	■	■	■	■	■	■	5	15	-	◎	1392
		ø20/ø25/ø32	●	●	●	■	■	■	■	■	■	■	■	■	■	5	15	-	◎	
Single acting/pull with switch	SMG-Y SMG-YL	ø6/ø10/ø16	●	●	●	■	■	■	■	■	■	■	■	■	■	5	15	-	◎	1392
		ø20/ø25/ø32	●	●	●	■	■	■	■	■	■	■	■	■	■	5	15	-	◎	
Double acting/ fine speed with switch	SMG-F SMG-LF	ø6/ø10/ø16	●	●	●	●	●	●	■	■	■	■	■	■	■	5	30	5	◎	1400
		ø20/ø25/ø32	●	●	●	●	●	●	●	●	●	■	■	■	■	5	50	5	◎	
Double acting/ rotation-stop with switch	SMG-M SMG-ML	ø6/ø10/ø16	●	●	●	●	●	●	●	●	●	■	■	■	■	5	60	5	◎	1404
		ø20/ø25/ø32	●	●	●	●	●	●	●	●	●	●	●	●	●	5	100	5	◎	

*1: Refer to pages 1386, 1392, 1400, 1404 for the min. stroke with switch.

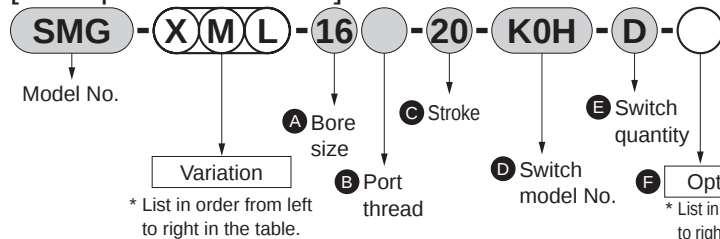
Variation and option combination selection table

Category		Category	Variation						Port thread		Option		
			Double acting basic	Single acting push	Single acting pull	Rotation-stop	With cylinder switch	Fine speed	NPT	G	Copper and PTFE free	Clean-room specs (exhaust port)	Clean-room specs (vacuum)
		Code	None	X	Y	M	L	F	N	G	P6	P7 P5	P71 P51
Variation	Double acting basic	Blank	■	■	■	◎	◎	◎	○	○	*1	◎	◎
	Single acting push	Y	■	■	x	○	◎	x	○	○	*1	x	x
	Single acting pull	X	■	■	■	○	◎	x	○	○	*1	x	x
	Rotation-stop	M	■	■	■	■	◎	○	○	○	*1	x	x
	With cylinder switch	L	■	■	■	■	■	◎	○	○	*1	◎	◎
	Fine speed	F	■	■	■	■	■	■	○	○	x	◎	◎
Port thread	NPT	N	■	■	■	■	■	■	■	x	*1	x	x
	G	G	■	■	■	■	■	■	■	■	*1	x	x
Option	Copper and PTFE free	P6	■	■	■	■	■	■	■	■	■	x	x
	Clean-room specs (exhaust port)	P7, P5	■	■	■	■	■	■	■	■	■	■	x
	Clean-room specs (vacuum)	P71, P51	■	■	■	■	■	■	■	■	■	■	■
Accessory	Cylinder switch	Listed separately	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

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

Caution
*1: P6 is provided as standard.
(P6 code is not required.)

[Example of model No.]



Model No.: Compact cylinder

● Variation: Single acting/push/rotation-stop/with switch

- A Bore size : ø16 mm
- B Port thread : Rc thread
- C Stroke : 20 mm
- D Switch model No.: Reed KOH switch, lead wire 1 m
- E Switch quantity : 2
- F Option : None