

















Series variation



Round shaped cylinder SCM Series

SCP*3
CMK2
CMA2
SCM
SCG
SCA2
SCS2
CKV2
CAV2/
COVPIN2
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

| Variation | Model No. JIS symbol | Bore size (mm) | Standard stroke length (mm) | | | | | | | | | Min. stroke length (mm) | Max. stroke length (mm) | Custom stroke length (per mm) | Basic | |
|---|---|-------------------------|-----------------------------|----|----|-----|-----|-----|-----|-----|-----|-------------------------|-------------------------|-------------------------------|-------|--|
| | | | 25 | 50 | 75 | 100 | 125 | 150 | 200 | 250 | 300 | | | | 00 | |
| | | | | | | | | | | | | | | | | |
| Double acting/ single rod | SCM  | φ20/φ25/φ32 | ● | ● | ● | ● | ● | ● | ● | ● | ● | 10 | 1000 | 1 | ● | |
| | | φ40/φ50/φ63 | ● | ● | ● | ● | ● | ● | ● | ● | ● | | 1500 | | ● | |
| | | φ80/φ100 | ● | ● | ● | ● | ● | ● | ● | ● | ● | | 1500 | | ● | |
| Single acting/push | SCM-X  | φ20/φ25/φ32/φ40 | ● | ● | ● | ● | ● | ● | ● | | | 5 | 200 | 1 | ● | |
| Single acting/pull | SCM-Y  | φ20/φ25/φ32/φ40 | ● | ● | ● | ● | ● | ● | ● | | | 5 | 200 | 1 | ● | |
| Double acting/stroke adjustable (push) | SCM-P  | φ20/φ25/φ32 | ● | ● | ● | ● | ● | ● | ● | ● | ● | 10 | 600 | 1 | ● | |
| | | φ40/φ50/φ63 | ● | ● | ● | ● | ● | ● | ● | ● | ● | | 600 | | ● | |
| Double acting/stroke adjustable (pull) | SCM-R  | φ20/φ25/φ32 | ● | ● | ● | ● | ● | ● | ● | ● | ● | 10 | 1000 | 1 | ● | |
| | | φ40/φ50/φ63 | ● | ● | ● | ● | ● | ● | ● | ● | ● | | 1500 | | ● | |
| Double acting/ heat resistant | SCM-T  | φ20/φ25/φ32/φ40 | ● | ● | ● | ● | ● | ● | ● | ● | ● | 10 | 1000 | 1 | ● | |
| | | φ50/φ63 | ● | ● | ● | ● | ● | ● | ● | ● | ● | | 1500 | | ● | |
| | | φ80/φ100 | ● | ● | ● | ● | ● | ● | ● | ● | ● | | 1500 | | ● | |
| Double acting/ position locking | SCM-Q  | φ20/φ25/φ32 | ● | ● | ● | ● | ● | ● | ● | ● | ● | 10 | 1000 | 1 | ● | |
| | | φ40/φ50/φ63 | ● | ● | ● | ● | ● | ● | ● | ● | ● | | 1500 | | ● | |
| | | φ80/φ100 | ● | ● | ● | ● | ● | ● | ● | ● | ● | | 1500 | | ● | |
| Double acting/fine speed | SCM-F  | φ20/φ25/φ32/φ40 | ● | ● | ● | ● | ● | ● | ● | ● | 5 | 500 | 1 | ● | | |
| Double acting/ low speed | SCM-O  | φ20/φ25/φ32 | ● | ● | ● | ● | ● | ● | ● | ● | ● | 10 | 1000 | 1 | ● | |
| | | φ40/φ50/φ63 | ● | ● | ● | ● | ● | ● | ● | ● | ● | | 1500 | | ● | |
| | | φ80/φ100 | ● | ● | ● | ● | ● | ● | ● | ● | ● | | 1500 | | ● | |
| Double acting/ low friction | SCM-U  | φ20/φ25/φ32 | | | | | | | | | | 10 | 1000 | 1 | ● | |
| | | φ40/φ50/φ63 | ● | ● | ● | ● | ● | ● | ● | ● | ● | | 1500 | | ● | |
| | | φ80/φ100 | | | | | | | | | | | 1500 | | ● | |
| Double acting/ double rod | SCM-D  | φ20/φ25/φ32 | ● | ● | ● | ● | ● | ● | ● | ● | ● | 10 | 600 | 1 | ● | |
| | | φ40/φ50/φ63 | ● | ● | ● | ● | ● | ● | ● | ● | ● | | 600 | | ● | |
| | | φ80/φ100 | ● | ● | ● | ● | ● | ● | ● | ● | ● | | 600 | | ● | |
| Double acting/ back to back | SCM-B  | φ20/φ25/φ32 | ● | ● | ● | ● | ● | ● | ● | ● | ● | 10 | 500 | 1 | ● | |
| | | φ40/φ50/φ63 | ● | ● | ● | ● | ● | ● | ● | ● | ● | | 750 | | ● | |
| Double acting/ two-stage | SCM-W  (Display code) | φ20/φ25/φ32 | ● | ● | ● | ● | ● | ● | ● | ● | ● | 10 | 600 | 1 | ● | |
| | | φ40/φ50/φ63 | ● | ● | ● | ● | ● | ● | ● | ● | ● | | 600 | | ● | |
| Double acting/ tandem | SCM-W4  (Display code) | φ20/φ25/φ32 | ● | ● | ● | ● | ● | ● | ● | ● | ● | 10 | 600 | 1 | ● | |
| | | φ40/φ50/φ63 | ● | ● | ● | ● | ● | ● | ● | ● | ● | | 600 | | ● | |
| Double acting/ rotation-stop | SCM-M  | φ20/φ25/φ32 | ● | ● | ● | ● | ● | ● | ● | ● | ● | 10 | 600 | 1 | ● | |
| | | φ40/φ50/φ63 | ● | ● | ● | ● | ● | ● | ● | ● | ● | | 600 | | ● | |
| Double acting/direct mounting foot | SCM-LD  | φ20/φ25/φ32/φ40/φ50/φ63 | ● | ● | ● | ● | ● | ● | ● | ● | ● | 10 | 300 | 1 | | |

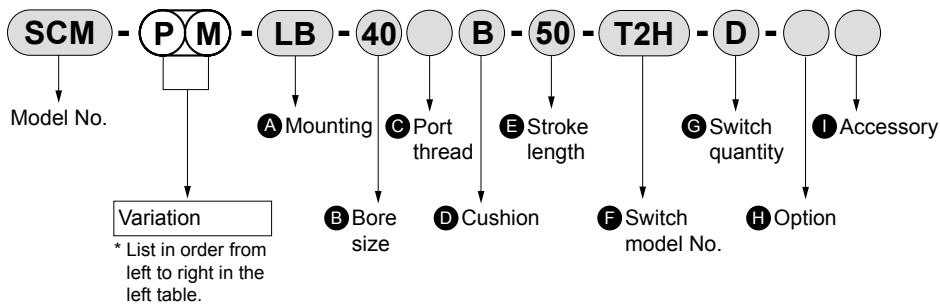
●: Standard, ◎: Option, ○: Custom order, ■: Not available

| | Mounting | | | | | Cushion | | | | Option | | | | | | Accessory | | | | Switch | Page | | | |
|--|------------|-----------------|------------------|-------------|----------------|-------------------|--------------------|----------------------------|----------------------|-----------------------|-------------------------------|----------------|-----------------|-----------------|----------------------------------|----------------------------|----------------------|---------|------------|--------|------|-------------|----------------|-----|
| | Axial foot | Rod side flange | Head side flange | Eye bracket | Clevis bracket | Rod side trunnion | Head side trunnion | With two-sided air cushion | Rod side air cushion | Head side air cushion | With two-sided rubber cushion | Bellows (60°C) | Bellows (100°C) | Bellows (250°C) | Switch rail attached at shipment | Piston rod material change | Copper and PTFE free | Rod eye | Rod clevis | | | Eye bracket | Clevis bracket | |
| | LB | FA | FB | CA | CB | TA | TB | B | R | H | D | J | K | L | Q | M | P6 | I | Y | B1 | B2 | | | |
| | ● | ● | ● | ● | ■ | ● | ● | ● | ● | ● | ● | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | 218 |
| | ● | ● | ● | ● | ■ | ● | ● | ● | ● | ● | ● | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | 240 |
| | ● | ● | ● | ■ | ● | ● | ● | ● | ● | ● | ● | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | 246 |
| | ● | ● | ● | ■ | ● | ● | ● | ● | ● | ● | ● | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | 252 |
| | ● | ● | ● | ■ | ● | ● | ● | ● | ● | ● | ● | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | 258 |
| | ● | ● | ● | ■ | ● | ● | ● | ● | ● | ● | ● | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | 264 |
| | ● | ● | ● | ● | ■ | ● | ● | ● | ● | ● | ● | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | 268 |
| | ● | ● | ● | ■ | ● | ● ^{*1} | ● ^{*2} | ● | ● | ● | ● | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | 278 |
| | ● | ● | ● | ■ | ● | ● | ● | ● | ● | ● | ● | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | 282 |
| | ● | ● | ● | ● | ■ | ● | ● | ● | ● | ● | ● | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | 286 |
| | ● | ● | ● | ■ | ● | ● | ● | ● | ● | ● | ● | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | 292 |
| | ● | ● | ● | ■ | ● | ● | ● | ● | ● | ● | ● | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | 300 |
| | ● | ● | ● | ● | ■ | ● | ● | ● | ● | ● | ● | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | 306 |
| | ● | ● | ● | ■ | ● | ● | ● | ● | ● | ● | ● | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | 312 |
| | ● | ● | ● | ● | ■ | ● | ● | ● | ● | ● | ● | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | 318 |
| | ● | ● | ● | ■ | ● | ● | ● | ● | ● | ● | ● | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | 324 |

*1: "TA" head side trunnion is not available for the head-side position locking.
 *2: "TB" rod side trunnion is not available for the rod-side position locking.

| |
|--------------|
| SCP*3 |
| CMK2 |
| CMA2 |
| SCM |
| SCG |
| SCA2 |
| SCS2 |
| CKV2 |
| CAV2/COVP/N2 |
| 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 |

[Example of model No.]



Model No.: Round shaped cylinder

- Variation: Adjustable stroke (push-out)/rotation-stop

- A** Mounting : Axial foot
- B** Bore size : $\phi 40$ mm
- C** Port thread : Rc thread
- D** Cushion : With two-sided air cushion
- E** Stroke length : 50 mm
- F** Switch model No.: Proximity T2H switch, lead wire 1 m
- G** Switch quantity : 2
- H** Option : None
- I** Accessory : None

*1: The back to back includes two cylinders. Specify the model No. as below when ordering variation.

For S1 variations only, insert the variation code before the stroke length of S1.

(Example) SCM-B-32-O25-50: Only S1 is the low speed.

For S2 variations only, insert the variation code before the stroke length of S2.

(Example) SCM-B-32-25-O50: Only S2 is the low speed.

When ordering the same variation for S1 and S2, insert the variation code before the tube bore size.

(Example) SCM-BO-32-25-50: Both S1 and S2 are the low speed.

SCP*3

CMK2

CMA2

SCM

SCG

SCA2

SCS2

CKV2

CAV2/
COVP/N2

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