
















Series variation

Compact cylinder SSD Series

* Refer to page 1068 for high load and type with strong magnetic field proof switch.

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)							
			5	10	15	20	25	30	40	
Double acting/single rod with switch	SSD SSD-L SSD-L1	 φ12/φ16/φ20 φ25/φ32/φ40/φ50 φ63/φ80/φ100 φ125/φ140/φ160	●	●	●	●	●	●	●	●
2-color display switch	SSD-X SSD-XL SSD-XL1	 φ12/φ16/φ20 φ25/φ32 φ40/φ50	●	●						
Single acting/pull with switch	SSD-Y SSD-YL SSD-YL1	 φ12/φ16/φ20 φ25/φ32 φ40/φ50	●	●		●				
2-color display switch	SSD-T	 φ12/φ16/φ20 φ25/φ32/φ40/φ50 φ63/φ80/φ100	●	●	●	●	●	●	●	●
Double acting/heat resistant	SSD-T1L	 φ16 φ20 φ25 φ32/φ40/φ50 φ63		●	●	●	●	●	●	●
Double acting/with heat resistant cylinder switch	SSD-Q SSD-QL	 φ16/φ20 φ25/φ32/φ40/φ50 φ63/φ80/φ100	●	●	●	●	●	●	●	●
Double acting/position locking with switch	SSD-F SSD-LF SSD-L1F	 φ12/φ16/φ20 φ25/φ32/φ40/φ50 φ63/φ80/φ100	●	●	●	●	●	●	●	●
Double acting/fine speed with switch	SSD-O SSD-OL SSD-OL1	 φ12/φ16/φ20 φ25/φ32/φ40/φ50 φ63/φ80/φ100	●	●	●	●	●	●	●	●
2-color display switch	SSD-D SSD-DL	 φ12/φ16/φ20 φ25/φ32/φ40/φ50 φ63/φ80/φ100 φ125/φ140/φ160	●	●	●	●	●	●	●	●
Double acting/double rod with switch	SSD-B SSD-BL SSD-BL1 (Display code)	 φ12/φ16/φ20 φ25/φ32/φ40/φ50 φ63/φ80/φ100	●	●	●	●	●	●	●	●
Double acting/back to back with switch	SSD-W SSD-WL SSD-WL1 (Display code)	 φ12/φ16/φ20 φ25/φ32/φ40/φ50 φ63/φ80/φ100	●	●	●	●	●	●	●	●
Double acting/two-stage with switch	SSD-M SSD-ML SSD-ML1	 φ12/φ16/φ20/φ25 φ32/φ40/φ50 φ63	●	●	●	●	●	●	●	●
Double acting/rotation-stop with switch	SSD-G2/G3 SSD-G2L/G3L	 φ16/φ20 φ25/φ32/φ40/φ50 φ63/φ80/φ100	●	●	●	●	●	●	●	●
Double acting/coolant proof with switch	SSD-G1/G4 SSD-G1L/G4L	 φ25/φ32 φ40/φ50 φ63/φ80/φ100	●	●	●	●	●	●	●	●
Double acting/anti-spatter adherence with switch	SSD-DG1/DG4 SSD-DG1L/DG4L	 φ25/φ32 φ40/φ50 φ63/φ80/φ100	●	●	●	●	●	●	●	●
Double acting/double rod/anti-spatter adherence with switch	SSD-G5 SSD-G5L	 φ20/φ25/φ32 φ40/φ50 φ63/φ80/φ100	○	○	○	○	○	○	○	○
Double acting/single rod with switch			○	○		○		○	○	

●: Standard, ◎: Option, ○: Custom order, △: Available depending on conditions (contact CKD.); ■: Not available

Standard stroke length (mm)							Min. stroke length (mm)	Max. stroke length (mm)	Custom stroke length (per mm)	Option			Mounting bracket					Switch	Page
50	60	70	80	90	100	Rod end male thread				Dedicated unit for custom stroke length	Copper and PTFE free	Axial foot	Axial foot (compact)	Clevis bracket	Clevis bracket (compact)	Rod side flange	Head side flange		
						N				S	P6	LB	LB2	CB	CB2	FA	FB		
●						1	30 50 50 300	1	◎ ◎ ◎ ●	◎ ◎ ◎ ◎	● ● ◎ ◎	◎ ◎ ◎ ◎	◎ ◎ ◎ ◎	◎ ◎ ◎ ◎	◎ ◎ ◎ ◎	◎	1078		
	●					5	10 10 20	-	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎	1110		
						5	10 10 20	-	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎	1110		
●						1	30 50 50	1	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎	1122		
●						10	30		◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎		1126		
●						15	30	1	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎			
●						10	50		◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎				
●	●	●	●	●	●	5	100 200 300	1	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎	1144		
●						1	30 50 50	1	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎	1156		
●						1	30 50 50	1	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎	1162		
●						1	30 50 50	1	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎	1172		
●	●	●	●	●	●	10	300		◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎	1184		
●						1	30 50 50	1	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎	1194		
●						1	30 50 50	1	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎	1204		
●						1	30 50 50	1	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎ ◎ ◎	◎	1214		
●						1	50	1	◎ ◎	◎ ◎	◎ ◎	◎ ◎	◎ ◎	◎ ◎	◎ ◎	◎	1230		
●						1	50 50	1	◎ ◎	◎ ◎	◎ ◎	◎ ◎	◎ ◎	◎ ◎	◎ ◎	◎	1248		
○						1	50 50	1	○ ○	○ ○	○ ○	○ ○	○ ○	○ ○	○ ○	○	1256		

*1: The structure of φ16 to φ25 does not permit retrofitting of the foot bracket (LB, LB2) or flange bracket (FA) on the rod side. Assembly before shipment is available as a custom order.

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

Series variation



Compact cylinder SSD Series

SCP*3

CMK2

CMA2

[High load]

SCM

SCG

SCA2

SCS2

CKV2

CAV2/
COVPIN2

SSD2

SSG

SSD

CAT

MDC2

MVC

SMG

MSD/
MSDG

FC*

STK

SRL3








SRG3

SRM3

SRT3

MRL2

MRG2

Variation	Model No. JIS symbol	Bore size (mm)	Standard stroke length (mm)									
			5	10	15	20	25	30	40	50	60	
Double acting/ single rod/ high load with switch	SSD-K SSD-KL 	φ12/φ16	●	●	●	●	●	●	●	●	●	
		φ20	●	●	●	●	●	●	●	●	●	
		φ25/φ32/φ40/φ50		●	●	●	●	●	●	●	●	●
		φ63/φ80/φ100		●		●		●	●	●	●	●
Double acting/ rubber-air cushioned	SSD-K-*C 	φ20	●	●	●	●	●	●	●	●	●	
		φ25/φ32/φ40/φ50		●	●	●	●	●	●	●	●	
		φ63/φ80/φ100		●		●		●	●	●	●	
Double acting/ high load/fine speed with switch	SSD-KF SSD-KLF 	φ12/φ16/φ20	●	●	●	●	●	●	●	●		
		φ25/φ32/φ40/φ50		●	●	●	●	●	●	●	●	
		φ63/φ80/φ100		●		●		●	●	●	●	
Double acting/ high load/low friction with switch	SSD-KU SSD-KUL 	φ20	●	●	●	●	●	●	●	●		
		φ25/φ32/φ40/φ50		●	●	●	●	●	●	●	●	
		φ63/φ80/φ100		●		●		●	●	●	●	
Double acting/high load/ coolant proof with switch	SSD-KG2/KG3 SSD-KG2L/KG3L 	φ16/φ20	●	●	●	●	●	●	●	●		
		φ25/φ32/φ40/φ50		●	●	●	●	●	●	●	●	
		φ63/φ80/φ100		●		●		●	●	●	●	
Double acting/high load/ anti-spatter adherence with switch	SSD-KG1/KG4 SSD-KG1L/KG4L 	φ25/φ32		●	●	●	●	●	●	●	●	
		φ40/φ50										
		φ63/φ80/φ100		●		●		●	●	●	●	
Double acting/high load/ environment-resistant scraper with switch	SSD-KG5 SSD-KG5L 	φ20	○	○	○	○	○	○	○	○		
		φ25/φ32/φ40/φ50		○	○	○	○	○	○	○	○	
		φ63/φ80/φ100		○		○		○	○	○	○	

* The length measuring function (cylinder with length measuring sensor, super compact LN-A* Series) is also available.
Refer to "Pneumatic Cylinders II" (No.CB-030S) for details.

MRL2

MRG2

[with strong magnetic field proof switch]

SM-25





ShkAbs

FJ

FK

Spd
Contr

Ending

Double acting/single rod with strong magnetic field proof switch	SSD-L4 	φ40, φ50 φ63, φ80, φ100				●		●	●	●	
Double acting/single rod/ strong magnetic field proof with switch/coil scraper	SSD-G1L4 	φ40, φ50 φ63, φ80, φ100				●		●	●	●	
Double acting/high load/ strong magnetic field proof with switch	SSD-KL4 	φ40, φ50 φ63, φ80, φ100				●		●	●	●	●
Double acting/high load with strong magnetic field proof switch with coil scraper	SSD-KG1L4 	φ40, φ50 φ63, φ80, φ100				●		●	●	●	●

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

	Standard stroke length (mm)				Min. stroke length (mm)	Max. stroke length (mm)	Custom stroke length (per mm)	Option			Mounting bracket					Switch	Page		
	70	80	90	100				N	S	P6	LB	LB2	CB	CB2	FA			FB	
																			Rod end male thread
	■	■	■	■	1	100	1	◎	◎	●	◎	◎	◎	◎	◎	◎	◎	1100	
	●	●	●	●		200		◎	◎	◎	◎	◎	◎	◎	◎	◎			◎
	●	●	●	●		300		◎	◎	◎	◎	◎	◎	◎	◎	◎			◎
	●	●	●	●		300		◎	◎	◎	◎	◎	◎	◎	◎	◎			◎
	●	●	●	●	5	200	1	◎	■	○	◎	◎	◎	◎	◎	◎	◎	1134	
	●	●	●	●		300		◎	◎	◎	◎	◎	◎	◎	◎	◎			
	●	●	●	●		300		◎	◎	◎	◎	◎	◎	◎	◎	◎			
	●	●	●	●	10	100	1	◎	■	○	◎	◎	◎	◎	◎	◎	◎	1156	
	●	●	●	●		150		◎	◎	◎	◎	◎	◎	◎	◎	◎			
	●	●	●	●		200		◎	◎	◎	◎	◎	◎	◎	◎	◎			
	●	●	●	●	5	200	1	◎	■	○	◎	◎	◎	◎	◎	◎	◎	1168	
	●	●	●	●		300		◎	◎	◎	◎	◎	◎	◎	◎	◎			
	●	●	●	●		300		◎	◎	◎	◎	◎	◎	◎	◎	◎			
	●	●	●	●	1	100	1	◎	■	○	◎ ₁	◎ ₁	◎	◎ ₁	◎	◎	◎	1222	
	●	●	●	●		150		◎	◎	◎	◎	◎	◎	◎	◎ ₁	◎			
	●	●	●	●		200		◎	◎	◎	◎	◎	◎	◎	◎ ₁	◎			
	●	●	●	●	1	300	1	◎	■	○	◎	◎	◎	◎	◎	◎	◎	1238	
	●	●	●	●		300		◎	◎	◎	◎	◎	◎	◎	◎	◎			
	○	○	○	○	1	200	1	○	■	○	○	○	○	○	○	○	○	1264	
	○	○	○	○		300		○	○	○	○	○	○	○	○	○			
	○	○	○	○		300		○	○	○	○	○	○	○	○	○			

*1: The structure of φ16 to φ25 does not permit retrofitting of the foot bracket (LB, LB2) or flange bracket (FA) on the rod side. Assembly before shipment is available as a custom order.

	■	■	■	■	20	50	1	◎	■	○	◎	◎	◎	◎	◎	◎	◎	◎	1272
	■	■	■	■	20	50	1	◎	■	○	◎	◎	◎	◎	◎	◎	◎	◎	1278
	●	●	●	●	20	150	1	◎	■	○	◎	◎	◎	◎	◎	◎	◎	◎	1284
	●	●	●	●		200		◎	◎	◎	◎	◎	◎	◎	◎	◎			
	●	●	●	●	20	150	1	◎	■	○	◎	◎	◎	◎	◎	◎	◎	◎	1290
	●	●	●	●		200		◎	◎	◎	◎	◎	◎	◎	◎	◎			

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

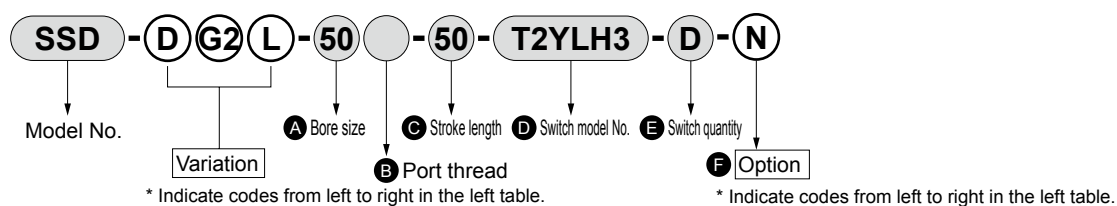
FJ

FK

Spd Contr

Ending

[Example of model No.]



Model No.: Compact cylinder

Variation: Double rod/coolant proof scraper/with switch

- A** Bore size : ϕ 50 mm
- B** Port thread : Rc thread
- C** Stroke length : 50 mm
- D** Switch model No. : Coolant proof switch, 3 m lead wire
- E** Switch quantity : 2
- F** Option : Rod end male thread

*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) SSD-B-32-M10-30: Only S1 is rotation-stop.

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

(Example) SSD-B-32-10-M30: Only S2 is rotation-stop.

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

(Example) SSD-MB-32-10-30: Both S1 and S2 are rotation-stop.

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

Variation and option combination selection table

High load SSD-K (φ100 or less)

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

Category	Code	Category	Variation														Port thread	Cushion	Option									
		K	D	B	W	M	T	O	U	G	G1	G2	G3	G4	L	L4	T1L	F	N	G	C	M	N	P6	P7	P71	N**	
SSD2	Double acting/high load	K	○	○	○	○	○	○	◎	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	Double acting double rod	D		×	×	○	○	○	×	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
SSG	Back to back	B			×	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	Two-stage	W				×	○	○	○	△	△	△	△	○	○	○	○	○	○	○	○	○	○	○	△	○	○	
SSD	Rotation-stop	M					×	○	×	×	×	×	×	○	○	○	○	○	○	○	○	○	*11	*11	*11	*11	○	
	Heat resistant (120°C)	T						×	×	×	○	×	×	×	×	×	*4	×	○	○	○	○	○	×	×	×	○	
CAT	Low speed	O						×	×	×	×	×	×	○	○	○	×	×	○	○	○	○	○	○	○	○	○	
	Low friction	U								×	×	×	×	◎	◎	◎	×	×	○	○	○	○	○	○	○	○	○	
MDC2	With rubber scraper	G								×	×	×	×	○	○	○	×	×	○	○	○	○	○	○	○	○	○	
	With metal scraper	G1									×	×	×	◎	◎	◎	×	×	○	○	○	○	○	○	○	○	○	
MVC	With coolant proof scraper (NBR)	G2									×	×	×	◎	◎	◎	×	×	○	○	○	○	○	○	○	○	○	
	With coolant proof scraper (FKM)	G3									×	×	×	◎	◎	◎	×	×	○	○	○	○	○	○	○	○	○	
SMG	Anti-spatter adherence	G4										×	×	×	×	×	×	×	○	○	○	○	○	○	○	○	○	
	With cylinder switch	L											×	×	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
MSD/MSDG	With cylinder switch (strong magnetic field proof)	L4												×	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
	With cylinder switch (for heat resistance)	T1L														×	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
FC*	Fine speed	F																	○	○	○	○	○	○	○	○	○	
	NPT(φ32 to φ100)	N																	×	○	○	○	○	○	○	○	○	
STK	G(φ32 to φ100)	G																		○	○	○	○	○	○	○	○	
	Rubber-air cushioned	C																			○	○	○	○	○	○	○	
SRL3																												
	Piston rod material stainless steel	M																					◎	◎	*3	*3	○	
SRG3	Piston rod end male thread	N																					◎	◎	◎	◎	×	
	Copper and PTFE free	P6																							×	×	○	
SRM3	Clean-room specifications (exhaust port)	P7																								×	○	
	Clean-room specifications (vacuum treatment)	P71																									○	
SRT3	Specify piston rod end form	N**																									○	
MRL2	Cylinder switch	Separate list	◎	○	○	○	○	×	○	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
	Mounting bracket LB with bolt	LB	◎	○	△	△	○	○	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
MRG2	Mounting bracket LB2 with bolt	LB2	◎	○	△	△	○	○	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
	Mounting bracket CB with bolt/pin	CB	◎	×	×	△	○	○	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
SM-25	Mounting bracket CB2 with bolt/pin	CB2	◎	×	×	△	○	○	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
	Rod side flange	FA	◎	○	○	○	○	○	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	△	△	○
ShkAbs	Head side flange	FB	◎	×	×	×	○	○	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	△	△	○
	Mounting bolt	Separate list	◎	○	×	×	○	○	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	△	△	○

Caution

Consult with CKD for dimensions when variations/options are combined.

*1 : Only φ12 to 25 are available. φ32 to φ63 are not available.

*2 : When "G2" or "G3" is selected, the material for the piston rod and C ring is stainless steel. M code is not required.

*3 : When "P7" or "P71" female thread is selected, the material for the piston rod and C ring is stainless steel. M code is not required.

For stainless steel male thread rod nut, combination with M is required.

*4 : "T1L" has heat resistant specifications.

*5 : Heat resistance is without rubber cushion.

*6 : If the standard stroke is exceeded, the double rod is available as a standard double rod instead of a high load.

*7 : The two-stage is available as a high load only for the S1 side cylinder.

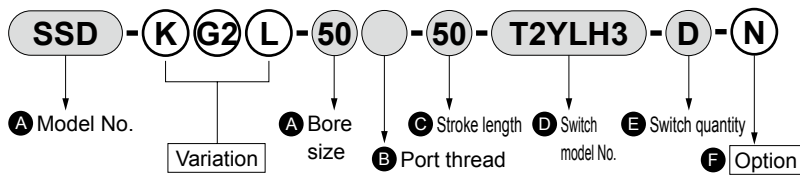
*8 : Refer to "Components for clean room specifications" No. CB-033SA for the clean room specifications P7 and P71.

*9 : G4 includes metal scraper.

*10 : The structure of φ16 to φ25 does not permit retrofitting of the foot bracket (LB, LB2) or flange bracket (FA) on the rod side. Assembly before shipment is available as a custom order.

*11 : φ12 to φ25 are options and φ32 to φ63 are custom order products.

[Example of model No.]



* Indicate codes from left to right in the left table.

* For the fine speed, insert "F" after with/without switch (L).

* Indicate codes from left to right in the left table.

Model No.: Compact cylinder

Variation: High load/coolant proof scraper/with switch

- A** Bore size : ϕ 50 mm
- B** Port thread : Rc thread
- C** Stroke length : 50 mm
- D** Switch model No. : Coolant proof switch, 3 m lead wire
- E** Switch quantity : 2
- F** Option : Rod end male thread

*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) SSD-B-32-K100-30: Only S1 is high load.

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

(Example) SSD-B-32-30-K100: Only S2 is high load.

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

(Example) SSD-KB-32-30-100: Both S1 and S2 are high load.

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

Variation and option combination selection table

SSD (φ125 or more)

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

Category	Code	Variation											Port thread			Option							
		Double acting single rod	Double acting double rod	Back to back	Two-stage	Heat resistant (120°C)	Low speed	With rubber scraper	With metal scraper	With coolant proof scraper (NBR)	With coolant proof scraper (FKM)	With cylinder switch	Fine speed	NPT	G	Piston rod material stainless steel	Piston rod/C ring material stainless steel	Piston rod end male thread	Copper and PTFE free	Clean-room specifications (exhaust port)	Clean-room specifications (vacuum treatment)	Specify piston rod end form	
SSD2	Blank	None	D	B	W	T	O	G	G1	G2	G3	L	F	N	G		M	M1	N	P6	P7	P71	N**
SSG	Double acting double rod		×	×	○	○	○	○	○	○	○	◎	○	○	○	○	○	○	◎	○	○	○	○
SSD	Back to back			×	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
CAT	Two-stage				○	○	△	△	△	△	○	○	○	○	○	○	○	○	○	○	△	○	○
MDC2	Heat resistant (120°C)					×	×	○	×	×	×	×	×	○	○	○	○	○	×	×	×	○	○
MVC	Low speed						×	×	×	×	○	○	×	○	○	○	○	○	×	○	○	○	○
SMG	With rubber scraper							×	×	×	○	○	×	○	○	○	○	○	○	×	×	○	○
MSD/MSDG	With metal scraper								×	×	○	×	○	○	○	○	○	○	×	×	×	○	○
FC*	With coolant proof scraper (NBR)									×	○	×	○	○	○	○	○	○	○	×	×	○	○
STK	With coolant proof scraper (FKM)										○	×	○	○	○	○	○	○	○	×	×	○	○
SRL3	With cylinder switch											○	○	○	○	○	○	○	○	○	○	○	○
SRG3	Fine speed												○	○	○	○	○	○	×	○	○	○	○
SRM3	NPT													×		○	○	○	○	○	○	○	○
SRT3	G															○	○	○	○	○	○	○	○
MRL2																							
MRG2	Piston rod material stainless steel																×	○	○	*2	*2	○	○
SM-25	Piston rod/C ring material stainless steel																	○	○	○	○	○	○
ShkAbs	Piston rod end male thread																		○	○	○	×	○
FJ	Copper and PTFE free																			×	×	○	○
FK	Clean-room specifications (exhaust port)																				×	○	○
Spd Contr	Clean-room specifications (vacuum treatment)																					×	○
Ending	Specify piston rod end form																						○
	Cylinder switch	Listed separately	◎	◎	○	○	×	○	○	○	○	◎	○	○	○	○	○	○	◎	○	○	○	○
	Mounting bracket LB with bolt	LB	◎	○	△	△	○	○	○	△	△	◎	○	○	○	○	○	○	◎	○	△	△	○
	Mounting bracket CB with bolt/pin	CB	◎	×	×	△	○	○	○	△	△	◎	○	○	○	○	○	○	◎	○	×	×	○
	Mounting bolt	Listed separately	◎	○	×	×	○	○	○	△	△	◎	○	○	○	○	△	△	◎	○	△	△	○

Caution

Consult with CKD for dimensions when variations/options are combined.

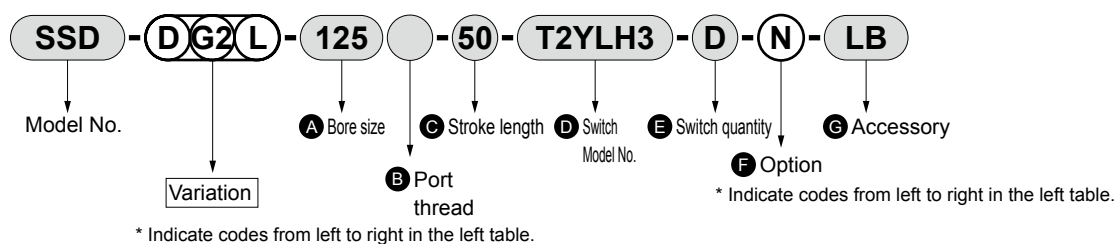
*1: When "G2" or "G3" is selected, the material for the piston rod is stainless steel. M code is not required.

*2: When "P7" or "P71" female thread is selected, the material for the piston rod is stainless steel. M code is not required.

For stainless steel male thread rod nut, combination with M is required.

*3: Refer to "Components for clean room specifications" No. CB-033SA for the clean room specifications P7 and P71.

[Example of model No.]



Model No.: Compact cylinder

● Variation: Double rod/coolant proof scraper/with switch

- Ⓐ Bore size : $\phi 125$ mm
- Ⓑ Port thread : Rc thread
- Ⓒ Stroke length : 50 mm
- Ⓓ Switch model No. : Proximity coolant proof switch, 3 m lead wire
- Ⓔ Switch quantity : 2
- Ⓕ Option : Rod end male thread
- Ⓖ Accessory : Axial foot

*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) SSD-B-125-010-30: Only S1 is low speed.

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

(Example) SSD-B-125-10-030: Only S2 is low speed.

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

(Example) SSD-B0-125-10-30: Both S1 and S2 are 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