

SSD2-KG5 Series

How to order

No switch (without magnet for switch)

SSD2-KG5 - **20** - **5** - **N** - **LB** - **I**

With switch (built-in magnet for switch)

SSD2-KG5L - **20** - **5** - **T0H** - **R** - **N** - **LB** - **I**

A Model No.

B Bore size

C Port thread

D Stroke

E Switch model No.

*4

F Switch quantity

G Option

⚠ Precautions for model No. selection

*1 : The mounting bracket is included at shipment.

*2 : "I" and "Y" cannot be selected together. The WF/wf dimension of the cylinder for "LB" and "FA" is set 10 mm longer than that of standard products. The number of the specified protruding dimension will be added at the end of the model No. printed on the metal plate on the body.

*3 : "I" and "Y" cannot be selected together.

*4 : Switches are shipped with the product. Contact CKD if assembling before shipment is necessary.

*5 : F-switch cannot be selected.

[Example of model No.]

SSD2-KG5L-32-5-T0H-R-N

Model: Compact cylinder

Double acting/single rod/high load/environment-resistant scraper

B Bore size : $\varnothing 32$ mm

C Port thread : Rc thread

D Stroke : 5 mm

E Switch model No.: Reed T0H switch
Lead wire 1 m

F Switch quantity : 1 on rod side

G Option : Rod end male thread

H Mounting bracket

*1

*2

I Accessory
*3

Code	Description														
A Model No.															
SSD2-KG5	Double acting/single rod/high load/environment-resistant scraper (made-to-order product)														
SSD2-KG5L	Double acting/single rod/high load/environment-resistant scraper/switch (MTO)														
B Bore size (mm)															
20	ø20														
25	ø25														
32	ø32														
40	ø40														
50	ø50														
63	ø63														
80	ø80														
100	ø100														
C Port thread															
Blank	Rc thread/M5 thread														
N	NPT thread (ø32 and over)														
G	G thread (ø32 and over)														
D Stroke (mm)															
Refer to the stroke table on the following page.															
E Switch model No.															
Lead wire Straight	Lead wire L-shaped	Contact	Voltage AC DC	Indicator	Lead wire	Bore size									
-	F2S*	Proximity		●	1-color LED	2-wire	●	●							
-	F3S*			●		3-wire	●	●							
F2H*	F2V*			●		2-wire	●	●							
F3H*	F3V*			●		3-wire	●	●							
F3PH*	F3PV*			●	1-color LED (PNP output) (custom)	3-wire	●	●							
F2YH*	F2YV*			●	2-color LED	2-wire	●	●							
F3YH*	F3YV*		●	3-wire		●	●								
T0H*	T0V*	Reed	●	●		1-color LED		●	●	●	●	●	●	●	●
T5H*	T5V*		●	●	No indicator lamp	2-wire	●	●	●	●	●	●	●	●	
T8H*	T8V*		●	●	1-color LED				●	●	●	●	●	●	
T1H*	T1V*		●		1-color LED	2-wire	●	●	●	●	●	●	●	●	
T2H*	T2V*			●		3-wire	●	●	●	●	●	●	●	●	
T3H*	T3V*			●		1-color LED (PNP output)	3-wire	●	●	●	●	●	●	●	●
T3PH*	T3PV*	Proximity		●	2-color LED	2-wire	●	●	●	●	●	●	●	●	
T2WH*	T2WV*			●		3-wire	●	●	●	●	●	●	●	●	
T2YH*	T2YV*			●		2-wire	●	●	●	●	●	●	●	●	
T3WH*	T3WV*			●		3-wire	●	●	●	●	●	●	●	●	
T3YH*	T3YV*			●	2-color LED	2-wire	●	●	●	●	●	●	●	●	
T2YD*	-			●		3-wire	●	●	●	●	●	●	●	●	
T2YDT*	-		●	2-color LED	2-wire	●	●	●	●	●	●	●	●	●	
T2JH*	T2JV*		●	AC magnetic field	2-wire	●	●	●	●	●	●	●	●	●	
			●	1-color LED off-delay	2-wire	●	●	●	●	●	●	●	●	●	
* Lead wire length															
Blank	1 m (standard)														
3	3 m (option)														
5	5 m (option)														
F Switch quantity															
R	1 on rod side														
H	1 on head side														
D	2														
G Option															
Blank	Rod end female thread														
N	Rod end male thread														
H Mounting bracket															
Blank	Without mounting bracket														
LB	Axial foot														
CB	Clevis bracket (pin and snap ring included)														
FA	Rod side flange														
FB	Head side flange														
I Accessory (available when rod end male thread “N” is selected)															
I	Rod eye														
Y	Rod clevis (pin and snap ring included)														

[Stroke table]

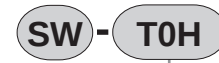
Stroke (mm)		Applicable bore size							
		20	25	32	40	50	63	80	100
Standard stroke	5	●	●	●	●				
	10	●	●	●	●	●	●	●	●
	15	●	●	●	●	●	●	●	●
	20	●	●	●	●	●	●	●	●
	25	●	●	●	●	●	●	●	●
	30	●	●	●	●	●	●	●	●
	35	●	●	●	●	●	●	●	●
	40	●	●	●	●	●	●	●	●
	45	●	●	●	●	●	●	●	●
	50	●	●	●	●	●	●	●	●
	75			●	●	●	●	●	●
	100			●	●	●	●	●	●
Min. stroke (mm) *1		1							
Max. stroke (mm)		50		100					
Custom stroke *2		In 1 mm increments							

1: Less than 5 mm for 1-color LED switch and less than 10 mm for the 2-color LED, off-delay, AC magnetic field proof, T1 or T8* switch are not available.

Refer to page 1002 for the number of installed switches and the min. stroke.

*2: The total length is the same as that of the next longer standard stroke.

How to order switch



Switch model No.
(Item ⑤ on page 1004)

Cylinder weight table (the weight of the switches is when there are 2 cylinder switches.)

(Unit: g)

Stroke (mm)	5		10		15		20		25		30		35		40		45		50		75		100	
	No switch	Switch	No switch	Switch	No switch	Switch	No switch	Switch	No switch	Switch	No switch	Switch	No switch	Switch	No switch	Switch	No switch	Switch	No switch	Switch	No switch	Switch	No switch	Switch
ø20	107	182	120	195	133	208	145	220	158	233	170	245	182	257	195	270	206	281	220	295	-	-	-	-
ø25	146	237	162	253	178	269	194	285	209	300	226	317	242	333	258	349	274	365	290	381	-	-	-	-
ø32	230	344	251	365	272	386	294	408	316	430	338	452	360	474	381	495	403	517	424	538	597	646	705	753
ø40	323	466	349	492	376	519	402	545	428	571	455	598	482	625	508	651	535	678	561	704	779	837	911	969
ø50	-	-	560	754	602	796	645	839	688	882	729	923	771	965	813	1007	855	1049	897	1091	1244	1301	1454	1511
ø63	-	-	813	1092	868	1147	923	1202	979	1258	1034	1313	1089	1368	1144	1423	1199	1478	1254	1533	1744	1808	2019	2083
ø80	-	-	1413	1826	1500	1913	1586	1999	1673	2086	1760	2173	1847	2260	1933	2346	2020	2433	2106	2519	2886	2952	3318	3384
ø100	-	-	2106	2673	2220	2787	2334	2901	2448	3015	2561	3128	2675	3242	2789	3356	2903	3470	3017	3584	4082	4154	4652	4724

How to order mounting bracket

Bore size (mm)	ø20	ø25	ø32	ø40	ø50	ø63	ø80	ø100
Mounting bracket								
Foot (LB)	SSD2-LB-20	SSD2-LB-25	SSD2-LB-32	SSD2-LB-40	SSD2-LB-50	SSD2-LB-63	SSD2-LB-80	SSD2-LB-100
Flange (FA/FB)	SSD2-FA-20	SSD2-FA-25	SSD2-FA-32	SSD2-FA-40	SSD2-FA-50	SSD2-FA-63	SSD2-FA-80	SSD2-FA-100
Clevis bracket (CB)	SSD2-CB-20	SSD2-CB-25	SSD2-CB-32	SSD2-CB-40	SSD2-CB-50	SSD2-CB-63	SSD2-CB-80	SSD2-CB-100

*1: The foot mounting bracket is provided as 2 pcs./set.

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