

How to order

No switch (without magnet for switch)

SCS2-W-LB-125-B-200-B-50-J-Y

A Mounting
*1

B Bore size

C Port thread

C Port thread

D Cushion
=S1

D Cushion
=S2

E Stroke = S1

E Stroke = S2
*2

F Option
*3

G Accessory

! Precautions for model No. selection

*1: Supporting hole is available custom made for ø125 to 160 only. Contact CKD for details about dimensions.

*2: The max. stroke of S2 (1st stage) is 200 mm.

*3: The instantaneous max. temperature is the temperature when sparks, cutting chips, etc., instantaneously contact the bellows.

*4: Check the figures below for the cushion needle position indication.

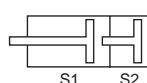
[Example of model No.]

SCS2-W-LB-125-B200-B50-JY

Model: Large bore size cylinder, double acting/2-stage

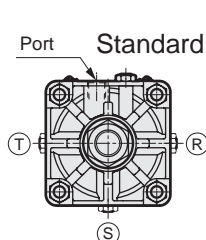
- A Mounting : Axial foot
- B Bore size : ø125 mm
- C Port thread : Rc thread
- D Cushion : Both sides cushioned
- E Stroke S1 : Total stroke 200 mm
- C Port thread : Rc thread
- D Cushion : Both sides cushioned
- E Stroke S2 : 1st stage stroke 50 mm
- F Option : Bellows material for max. ambient temperature 100°C
- G Accessory : Rod clevis

1st stage stroke □ · □ · □ 50 mm (S2)
+ 2nd stage stroke □ · □ · □ 150 mm
Total stroke 200 mm (S1)



Cushion needle position

(Needle position with the port on the top when viewed from the rod end)



Certified class 2 pressure
vessel stroke

Bore size	S1 + S2 stroke
ø200	892 or more
ø250	690 or more

Code	Description
A Mounting	
00	Basic
LB	Axial foot
FA	Rod side flange
FB	Head side flange
CA	Eye bracket
CB	Clevis bracket (pin and snap ring included)
TA	Rod side trunnion
TB	Head side trunnion

B Bore size (mm)	
125	ø125
140	ø140
160	ø160
180	ø180
200	ø200
250	ø250

C Port thread	
Blank	Rc thread
N	NPT thread (made-to-order product)
G	G thread (made-to-order product)

D Cushion	
B	Both sides cushioned
R	Rod side cushioned
H	Head side cushioned
N	Without cushion

E Stroke (mm)		
Bore size	Stroke	Custom stroke
ø125 to ø160	2 to 800	In 1 mm increments
ø180	2 to 900	
ø200	2 to 1000	
ø250	2 to 1200	

F Option		
C2	With cushion section check valve	
J	Bellows	Max. ambient temp. 100°C
L	Bellows	Instantaneous ambient temp. 200°C
M	Piston rod material (stainless steel)	
Blank	Cushion needle position (standard)	Standard
R	Cushion needle position R	T
S	Cushion needle position S	S
T	Cushion needle position T	R
P6	Copper and PTFE free (made to order)	

G Accessory	
I	Rod eye
Y	Rod clevis (pin and snap ring included)
B1	Eye bracket
B2	Clevis bracket (pin and snap ring included)

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