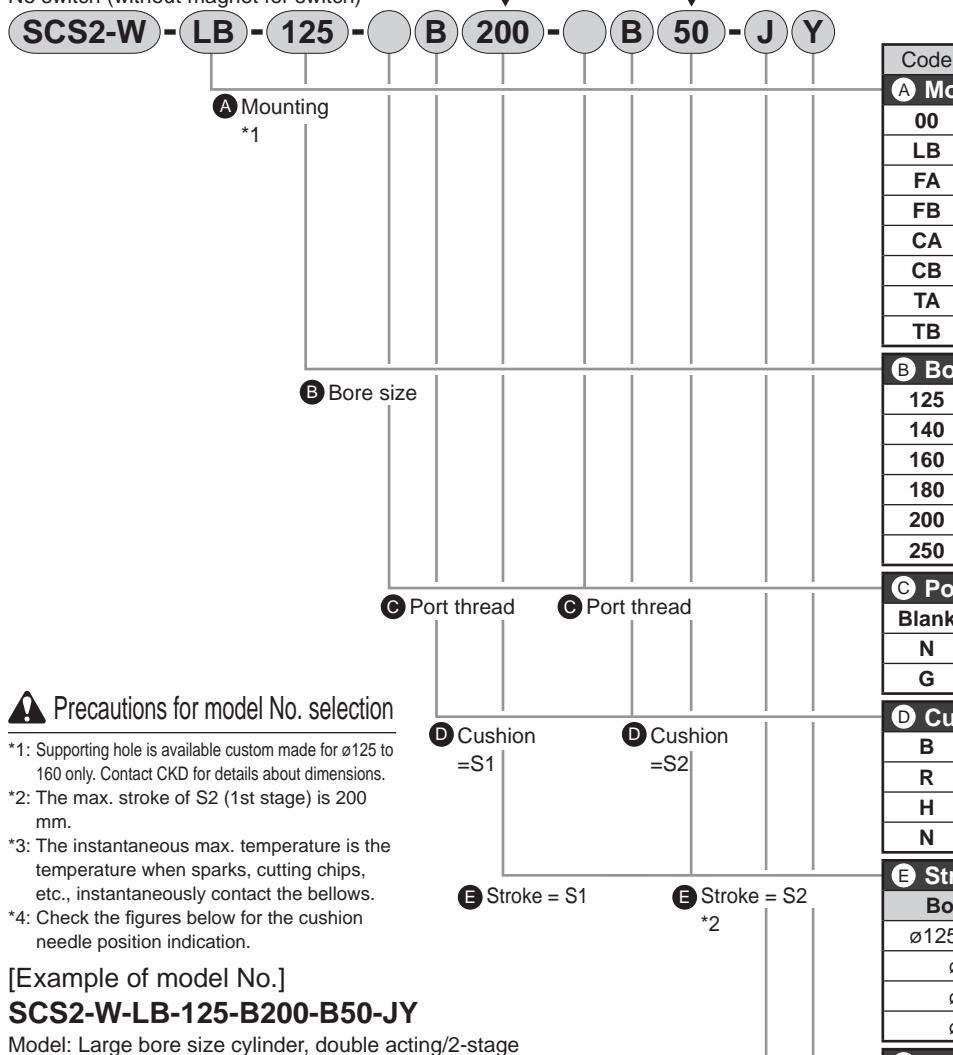


## How to order

No switch (without magnet for switch)



## ⚠ 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.

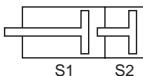
## Example of model No.]

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

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

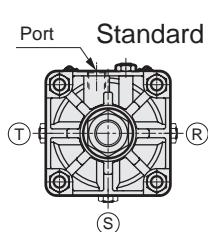
A Mounting	: Axial foot
B Bore size	: Ø125 mm
C Port thread	: Rc thread
D Cushion	: Both sides cushioned
E Stroke S1	: Total stroke 200 mm
C Port thread	: Rc thread
D Cushion	: Both sides cushioned
E Stroke S2	: 1st stage stroke 50 mm
F Option	: Bellows material for max. ambient temperature 100°C
G Accessory	: 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	
<b>A Mounting</b>		
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>B Bore size (mm)</b>		
125	Ø125	
140	Ø140	
160	Ø160	
180	Ø180	
200	Ø200	
250	Ø250	
<b>C Port thread</b>		
Blank	Rc thread	
N	NPT thread (made-to-order product)	
G	G thread (made-to-order product)	
<b>D Cushion</b>		
B	Both sides cushioned	
R	Rod side cushioned	
H	Head side cushioned	
N	Without cushion	
<b>E Stroke (mm)</b>		
Ø125 to Ø160	2 to 800	
Ø180	2 to 900	In 1 mm increments
Ø200	2 to 1000	
Ø250	2 to 1200	
<b>F Option</b>		
C2	With cushion section check valve	
J	Belows	Max. ambient temp.: 100°C
L	Belows	Instantaneous ambient temp.: 250°C
M	Piston rod material (stainless steel)	400°C
Blank	Cushion needle position (standard)	Standard
R	Cushion needle position R	T R
S	Cushion needle position S	S
T	Cushion needle position T	
P6	Copper and PTFE free (made to order)	
<b>G Accessory</b>		
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
<b>SCS2</b>
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