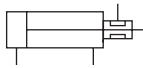
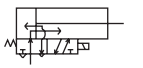




Series variation

Brake cylinder JSC3/JSC4 Series

- LCM
- LCR
- LCG
- LCW
- LCX
- STM
- STG
- STS/STL
- STR2
- UCA2
- ULK*
- JSK/M2
- JSG
- JSC3/JSC4
- USSD
- UFCD
- USC
- UB
- JSB3
- LMB
- LML
- HCM
- HCA
- LBC
- CAC4
- UCAC2
- CAC-N
- UCAC-N
- RCS2
- RCC2
- PCC
- SHC
- MCP
- GLC
- MFC
- BBS
- RRC
- GRC
- RV3*
- NHS
- HRL
- LN
- Hand
- Chuk
- MechHnd/Chuk
- ShkAbs
- FJ
- FK
- SpdContr
- Ending

Variation	Model No. JIS symbol	Bore size (mm)	Standard stroke (mm)										Min. stroke (mm)	Max. stroke (mm)	Custom stroke (mm)	Available stroke (mm)	
			50	75	100	150	200	250	300	350	400	450					500
Double acting	JSC3 	ø40												1	600		1600
		ø50	●	●	●	●	●	●	●	●	●	●	●	1	600		2000
		ø63													700	1	2500
		ø80	●	●	●	●	●	●	●	●	●	●	●	1	800		2500
		ø100	●	●	●	●	●	●	●	●	●	●	●	1	800		2000
	JSC4-N JSC4-LN	ø125/ø140/ ø160	●	●	●	●	●	●						900			
	ø180	●	●	●	●	●	●							900			
Double acting, with valve for brake	JSC3-V 	ø40												1	600		1000
		ø50	●	●	●	●	●	●	●	●	●	●	1	700	1	2500	
		ø63												800		2500	
		ø80	●	●	●	●	●	●	●	●	●	●	1	800		2000	
		ø100	●	●	●	●	●	●	●	●	●	●	1	900			
Double acting/low hydraulic	JSC3-H 	ø40												1	600		1600
		ø50	●	●	●	●	●	●	●	●	●	●	1	700	1	2500	
		ø63												800		2500	
		ø80	●	●	●	●	●	●	●	●	●	●	1	900		2000	
		ø100	●	●	●	●	●	●	●	●	●	●	1	900			
	JSC4-H JSC4-LH	ø125/ø140/ ø160	○	○	○	○	○	○	○	○	○	○					
ø180	○	○	○	○	○	○	○	○	○	○	○						
Double acting/ heat resistant	JSC3-T 	ø40												1	600		1600
		ø50	●	●	●	●	●	●	●	●	●	●	1	700	1	2500	
		ø63												800		2500	
		ø80	●	●	●	●	●	●	●	●	●	●	1	900		2000	
		ø100	●	●	●	●	●	●	●	●	●	●	1	900			
	JSC4-T	ø125/ø140/ ø160	○	○	○	○	○	○	○	○	○	○					
ø180	○	○	○	○	○	○	○	○	○	○	○						

●: Standard, ◎: Option, ○: Available (made-to-order product), ■: Not available

	Mounting										Option						Accessory				Switch	Page				
	Basic	Axial foot	Rod side flangeype	Head side flange	Head side special flange	Eye bracket	Clevis bracket	Intermediate trunnion	Rod side trunnion	Head side trunnion	Bellows (100°C)	Bellows (250°C)	Piston rod material change	Cushion needle position R	Cushion needle position S	Cushion needle position T	With indicator	Rod eye	Rod clevis	Eye bracket			Clevis bracket	Eye bracket	Trunnion No. 2 bracket	
	00	LB	FA	FB	FC	CA	CB	TC	TA	TB	J	L	M	R	S	T	G	I	Y	B1	B2	B3	B4			
	●	●	●	●	●	●	●	●	●	●	◎	◎	◎	●	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	774
	●	●	●	●	●	●	●	●	●	●	◎	◎	◎	●	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
	●	●	●	●	●	●	●	●	●	●	◎	◎	◎	●	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
	■	●	●	●	■	●	●	●	●	●	◎	◎	◎	◎	◎	◎	■	◎	◎	◎	◎	◎	■	■	◎	
	●	●	●	●	●	●	●	●	●	●	◎	◎	◎	●	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	810
	●	●	●	●	●	●	●	●	●	●	◎	◎	◎	●	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
	●	●	●	●	●	●	●	●	●	●	◎	◎	◎	●	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
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	●	●	●	●	●	●	●	●	●	●	■	◎	◎	●	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	818
	●	●	●	●	●	●	●	●	●	●	◎	◎	◎	●	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
	●	●	●	●	●	●	●	●	●	●	◎	◎	◎	●	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
	■	○	○	○	■	○	○	○	○	○	◎	◎	◎	◎	◎	◎	■	◎	◎	◎	◎	◎	◎	◎	◎	
	●	●	●	●	●	●	●	●	●	●	■	◎	◎	●	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	830
	●	●	●	●	●	●	●	●	●	●	◎	◎	◎	●	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
	●	●	●	●	●	●	●	●	●	●	◎	◎	◎	●	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
	■	○	○	○	■	○	○	○	○	○	◎	◎	◎	◎	◎	◎	■	◎	◎	◎	◎	◎	◎	◎	◎	

- LCM
- LCR
- LCG
- LCW
- LCX
- STM
- STG
- STS/STL
- STR2
- UCA2
- ULK*
- JSK/M2
- JSG
- JSC3/JSC4
- USSD
- UFCD
- USC
- UB
- JSB3
- LMB
- LML
- HCM
- HCA
- LBC
- CAC4
- UCAC2
- CAC-N
- UCAC-N
- RCS2
- RCC2
- PCC
- SHC
- MCP
- GLC
- MFC
- BBS
- RRC
- GRC
- RV3*
- NHS
- HRL
- LN
- Hand
- Chuk
- MechHnd/Chuk
- ShkAbs
- FJ
- FK
- SpdContr
- Ending

Variation and option combination selection table

JSC3(ø40 to ø100)

* Refer to page 772 for information on cylinders with bore sizes ø125 to ø180.

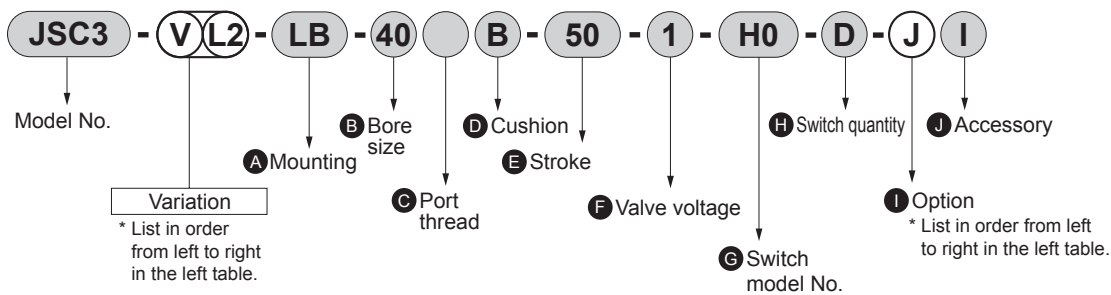
- : Standard
- : Option
- : Available (made-to-order product)
- △: Available depending on conditions (Contact CKD.)
- ×: Not available

Category	Code	Variation						Port thread		Option					
		Double acting basic	Cushioned	With valve	Low hydraulic	Heat resistance (120°C)	Strong magnetic field proof with cylinder switch	NPT	G	Polyolefin with bellows	Silicone rubber with bellows	Piston rod material stainless steel	Specify piston rod end form	Cushion needle position specification	With indicator
		None	None	V	H	T	L2	N	G	J	L	M	N**	R.S.T	G
Double acting basic	Blank	○	●	●	●	○		○	○	*1	*1	○	○	○	○
Cushioned	Blank		○	○	○	○		○	○	○	○	○	○	○	○
With valve	V				△	×	○	○	○	○	○	○	○	○	○
Low hydraulic	H					×	○	○	○	○	○	○	○	○	○
Heat resistance (120°C)	T					×	○	○	×	○	○	○	○	○	○
Strong magnetic field proof with cylinder switch	L2						○	○	○	○	○	○	○	○	○
NPT	N							×		○	○	○	○	○	○
G	G									○	○	○	○	○	○
Polyolefin with bellows	J										×	○	○	○	○
Silicone rubber with bellows	L											○	○	○	○
Piston rod material stainless steel	M												○	○	○
Specify piston rod end form	N**													○	○
Cushion needle position specification	R.S.T														○
With indicator	G														○
Cylinder switch	Listed separately	○	○	○	○	×	○			○	○	○	○	○	○
Rod eye	I	○	○	○	○	○	○			○	○	○	○	○	○
Rod clevis	Y	○	○	○	○	○	○			○	○	○	○	○	○
Eye bracket	B1	○	○	○	○	○	○			○	○	○	○	○	○
Clevis bracket	B2	○	○	○	○	○	○			○	○	○	○	○	○
Trunnion bracket	B4	○	○	○	○	○	○			○	○	○	○	○	○

Caution

*1: The max. stroke available for ø63 to ø100 bore size models with bellows is 2000 mm.

[Example of model No.]



Model No.: Brake cylinder

● Variations: With valve and strong magnetic field proof switch

- A** Mounting : Axial foot
- B** Bore size : $\phi 40$ mm
- C** Port thread : Rc thread
- D** Cushion : Both sides cushioned
- E** Stroke : 50 mm
- F** Valve voltage : 100 VAC
- G** Switch model No. : Reed, strong magnetic field proof switch, lead wire 1 m
- H** Switch Quantity : 2
- I** Option : Bellows, max. ambient temperature 100°C
- J** Accessory : Rod eye

LCM
LCR
LCG
LCW
LCX
STM
STG
STS/STL
STR2
UCA2
ULK*
JSK/M2
JSG
JSC3/JSC4
USSD
UFCD
USC
UB
JSB3
LMB
LML
HCM
HCA
LBC
CAC4
UCAC2
CAC-N
UCAC-N
RCS2
RCC2
PCC
SHC
MCP
GLC
MFC
BBS
RRC
GRC
RV3*
NHS
HRL
LN
Hand
Chuk
MechHnd/Chuk
ShkAbs
FJ
FK
SpdContr
Ending

Variation and option combination selection table

JSC4(ø125 to ø180)

* Refer to page 770 for information on cylinders with bore sizes ø40 to ø100.

●: Standard

⊙: Option

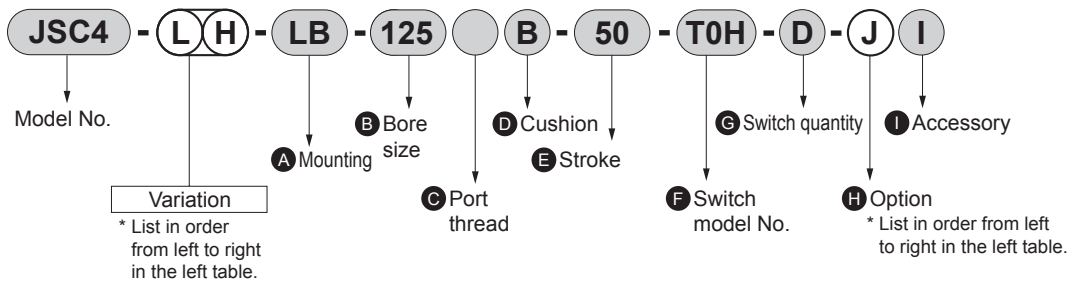
○: Available (made-to-order product)

△: Available depending on conditions (Contact CKD.)

×: Not available

Category	Code	Variation					Port thread		Option		
		Double acting basic	Cushioned	With cylinder switch	Low hydraulic	Heat resistance (120°C)	NPT	G	Neoprene with bellows	Silicone rubber with bellows	Piston rod material stainless steel
		N		L	H	T	N	G	J	L	M
LCM	Double acting basic (no-lubrication)	N	⊙	⊙	△	△	○	○	⊙	⊙	⊙
LCR	Cushioned			⊙	○	○	○	○	⊙	⊙	⊙
LCG	With cylinder switch	L			○	×	○	○	⊙	⊙	⊙
LCW	Low hydraulic	H				×	○	○	⊙	⊙	⊙
LCX	Heat resistance (120°C)	T					○	○	×	⊙	⊙
STM	NPT	N						×	○	○	○
STG	G	G							○	○	○
STS/STL	Neoprene with bellows	J								×	○
STR2	Silicone rubber with bellows	L									○
UCA2	Piston rod material stainless steel	M									○
ULK*	Cylinder switch	Listed separately	⊙	⊙	⊙	⊙	×		⊙	⊙	⊙
JSK/M2	Rod eye	I	⊙	⊙	⊙	⊙	⊙		⊙	⊙	⊙
JSG	Rod clevis	Y	⊙	⊙	⊙	⊙	⊙		⊙	⊙	⊙
JSC3/JSC4	Eye bracket	B1	⊙	⊙	⊙	⊙	⊙		⊙	⊙	⊙
USSD	Clevis bracket	B2	⊙	⊙	⊙	⊙	⊙		⊙	⊙	⊙
UFCD											
USC											
UB											
JSB3											
LMB											
LML											
HCM											
HCA											
LBC											
CAC4											
UCAC2											
CAC-N											
UCAC-N											
RCS2											
RCC2											
PCC											
SHC											
MCP											
GLC											
MFC											
BBS											
RRC											
GRC											
RV3*											
NHS											
HRL											
LN											
Hand											
Chuk											
MecHnd/Chuk											
ShkAbs											
FJ											
FK											
SpdContr											
Ending											

[Example of model No.]



Model No.

- Variation: Low hydraulic with switch
- A** Mounting : Axial foot
- B** Bore size : $\varnothing 125$ mm
- C** Port thread : Rc thread
- D** Cushion : Both sides cushioned
- E** Stroke : 50 mm
- F** Switch model No. : Reed T0H switch, lead wire 1 m
- G** Switch Quantity : 2
- H** Option : Bellows for max. ambient temperature 60°C
- I** Accessory : Rod eye

LCM
LCR
LCG
LCW
LCX
STM
STG
STS/STL
STR2
UCA2
ULK*
JSK/M2
JSG
JSC3/JSC4
USSD
UFCD
USC
UB
JSB3
LMB
LML
HCM
HCA
LBC
CAC4
UCAC2
CAC-N
UCAC-N
RCS2
RCC2
PCC
SHC
MCP
GLC
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Ending