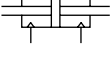


Series variation

Twin rod cylinder STR2 Series

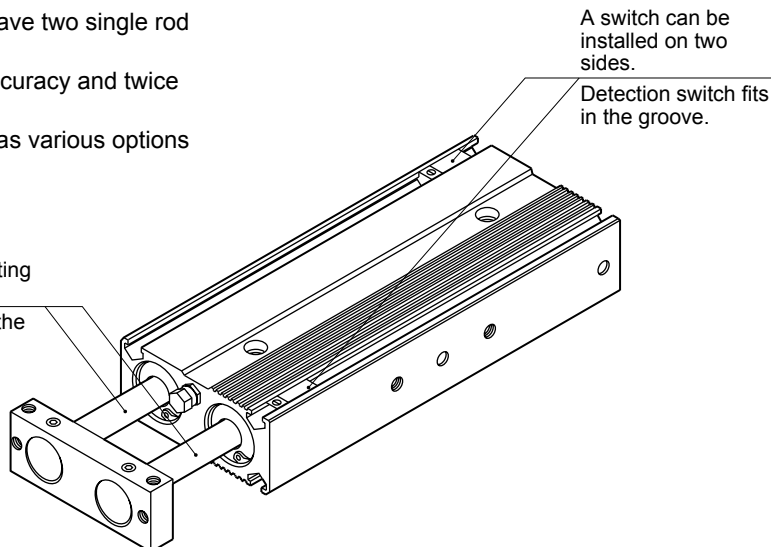
LCM
LCR
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LCW
LCX
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STG
STS/STL
STR2
UCA2
ULK*
JSK/M2
JSG
JSC3/JSC4
USSD
UFCD
USC
UB
JSB3
LMB
LML
HCM
HCA
LBC
CAC4
UCAC2
CAC-N
UCAC-N
RCS2
RCC2
PCC
SHC
MCP
GLC
MFC
BBS
RRC
GRC
RV3*
NHS
HRL
LN
Hand
Chuk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

Variation	Model No. JIS symbol	Bore size (mm)	Standard stroke length (mm)							
			10	20	30	40	50	60	70	
Double acting/ standard	STR2- ^M _B 	ø6/ø10	●	●	●	●	●			
		ø16/ø20/ø25/ø32	●	●	●	●	●	●	●	
Double acting/ position locking	STR2- ^M _B Q 	ø16/ø20/ø25/ø32	●	●	●	●	●	●	●	
Double acting/ low speed	STR2- ^M _B O 	ø6/ø10	●	●	●	●	●			
		ø16/ø20/ø25/ø32	●	●	●	●	●	●	●	
Double acting/fine speed	STR2- ^M _B F 	ø10	●	●	●	●	●			
		ø16/ø20/ø25/ø32	●	●	●	●	●	●	●	
Double acting/ double rod	STR2- ^M _B D 	ø6/ø10	●	●	●	●	●			
		ø16/ø20/ø25/ø32	●	●	●	●	●	●	●	

Product introduction

CKD twin rod cylinder STR2-M and STR2-B Series have two single rod cylinders jointed in parallel. This structure provides a high level of non-rotating accuracy and twice the thrust of that of one rod. The series has six bore sizes from ø6 to ø32 as well as various options and variations.

Double thrust and improved non-rotating accuracy with two rods
The double-piston structure doubles the thrust and improves the non-rotating accuracy.



●: Standard, ◎: Option, ○: Made to order, ■: Not available

Stroke length (mm)				Min. stroke length (mm)	Max. stroke length (mm)	Custom stroke length (per mm)	Available stroke length (mm)	Bearing		Option				Switch	Page
								Metal bush bearing	Ball bearing	End plate material: steel	Copper and PTFE free	Piping port position on the 180° opposite side	Rear piping		
	80	90	100					M	B	F	P6	O	R		
				5	50	1	100	●	●	◎	◎	◎	◎	◎	580
	●	●	●		100		200	●	●	◎	◎	◎	◎		
	●	●	●	5	100	-	-	●	●	◎	○	◎	■	◎	592
				5	50	1	100	●	●	◎	■	◎	○	◎	602
	●	●	●		100		200	●	●	◎	■	◎	○		
				5	50	1	100	●	●	◎	■	○	◎	◎	610
	●	●	●		100		200	●	●	◎	■	○	◎		
				5	50	-	-	●	●	◎	○	◎	■	◎	612
	●	●	●		100		-	●	●	◎	○	◎	■		

LCM
LCR
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LCX
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USSD
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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

STR2-M (metal bush bearing) Series

Variation and option selection table (metal bush bearing)

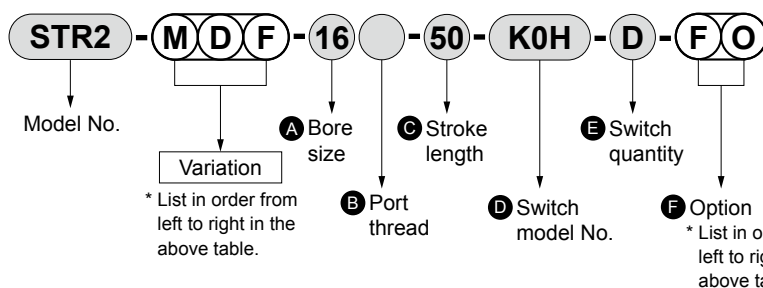
LCM
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LCW
LCX
STM
STG
STS/STL
STR2
UCA2
ULK*
JSK/M2
JSG
JSC3/JSC4
USSD
UFCD
USC
UB
JSB3
LMB
LML
HCM
HCA
LBC
CAC4
UCAC2
CAC-N
UCAC-N
RCS2
RCC2
PCC
SHC
MCP
GLC
MFC
BBS
RRC
GRC
RV3*
NHS
HRL
LN
Hand
Chuk
MecHnd/Chuk
ShkAbs
FJ
FK
SpdContr
Ending

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

Category		Category	Variation					Port thread		Option					
			Double acting basic (metal bush)	Double rod	Position locking	Low speed	Fine speed	NPT 1/8	G 1/8	Steel plate specified	Copper and PTFE free	Clean-room specifications (exhaust port)	Clean-room specifications (vacuum treatment)	Piping port position on the 180° opposite side	Rear piping
		Code	M	D	Q	O	F	N	G	F	P6	P72	P73	O	R
Variation	Double acting basic (metal bush)	M	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
	Double rod	D		◎	◎	◎	◎	◎	◎	◎	◎	△	△	◎	×
	Position locking	Q			◎	×	×	◎	◎	◎	◎	△	△	◎	×
	Low speed	O				◎	×	◎	◎	◎	×	◎	◎	◎	◎
	Fine speed	F					◎	◎	◎	×	◎	◎	◎	◎	◎
Port thread	NPT	N						×	◎	◎	◎	◎	◎	◎	◎
	G	G							◎	◎	◎	◎	◎	◎	◎
Option	End plate material: steel	F								◎	◎	◎	◎	◎	◎
	Copper and PTFE free	P6									*1	*1	◎	◎	◎
	Clean-room specifications (exhaust port)	P72										×	◎	×	◎
	Clean-room specifications (vacuum treatment)	P73											◎	×	◎
	Piping port position on the 180° opposite side	O												×	◎
	Rear piping	R													◎
Accy.	Cylinder switch	Listed separately	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

*1: Refer to "Components for Clean Room Specifications" No. CB-033SA for the clean room specifications (P72, P73, P52, P53).

[Example of model No.]



Model: Twin rod cylinder

- Variations : Metal bush bearing, double rod, fine speed
- A Bore size : ø16 mm
- B Port thread : Rc thread
- C Stroke length: 50 mm
- D Switch model No.: Reed KOH switch, lead wire 1 m
- E Switch quantity: 2
- F Option : End plate material (steel), piping port position on the 180° opposite side

STR2-B (ball bearing) Series

Variation and option combination selection table

Variation and option combination selection table (ball bearing)

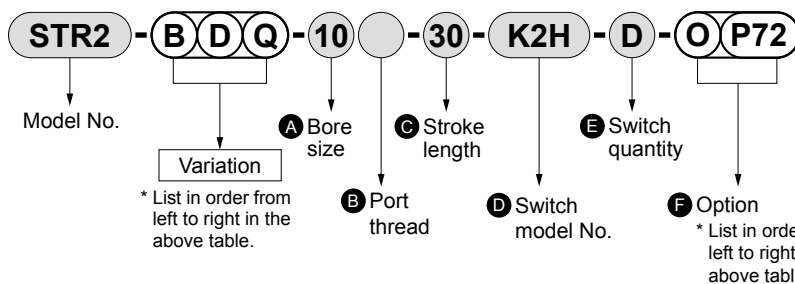
- : Standard
- ◎ : Option
- : Available (made-to-order product)
- △ : Available depending on conditions (Contact CKD.)
- × : Not available

Category		Category	Variation					Port thread		Option					
			Double acting basic (bearing bush type)	Double rod	Position locking	Low speed	Fine speed	NPT1/8	G1/8	Steel plate specified	Copper and PTFE free	Clean-room specifications (exhaust port)	Clean-room specifications (vacuum treatment)	Piping port on the 180° opposite side	Rear piping
		Code	B	D	Q	O	F	N	G	F	P6	P72	P73	O	R
Variation	Double acting basic (bearing bush type)	B	◎	◎	◎	◎	◎	◎	◎	◎	*2	◎	◎	◎	◎
	Double rod	D		◎	◎	◎	◎	◎	◎	◎	*2	△	△	◎	×
	Position locking	Q			×	×	×	◎	◎	◎	*2	△	△	◎	×
	Low speed	O				×	×	◎	◎	◎	×	◎	◎	◎	◎
	Fine speed	F					×	◎	◎	◎	×	◎	◎	◎	◎
Port thread	NPT	N						×	◎	◎	*2	◎	◎	◎	◎
	G	G							◎	◎	*2	◎	◎	◎	◎
Option	End plate material: steel	F								◎	*2	◎	◎	◎	◎
	Copper and PTFE free	P6										*1	*1	*2	*2
	Clean-room specifications (exhaust port)	P72										×	◎	×	
	Clean-room specifications (vacuum treatment)	P73											◎	×	
	Piping port position on the 180° opposite side	O												×	
	Rear piping	R													×
Accy.	Cylinder switch	Listed separately	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

*1: Refer to "Components for Clean Room Specifications" No. CB-033SA for the clean room specifications (P72, P73, P52, P53).

*2: Copper and PTFE free. (P6 code is not required.)

[Example of model No.]



Model: Twin rod cylinder

● Variations : Ball bearing, double rod, position locking

A Bore size : ø10 mm

B Port thread : Rc thread

C Stroke length: 30 mm

D Switch model No.: Proximity K2H switch
Lead wire 1 m

E Switch quantity: 2

F Option : Piping port position on the 180° opposite side, clean-room specifications (exhaust port)

LCM
LCR
LCG
LCW
LCX
STM
STG
STS/STL
STR2
UCA2
ULK*
JSK/M2
JSG
JSC3/JSC4
USSD
UFCD
USC
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