

CMK2-Q Series

SCP*3
CMK2
CMA2
SCM
SCG
SCA2
SCS2
CKV2
CAV2/
COVPIN2
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

How to order

No switch (built-in magnet for switch)

CMK2-Q-00-20-25-R-M-I

With switch (built-in magnet for switch)

CMK2-Q-00-20-25-R-T0H-R-M-I

A Mounting
*1

B Bore size

C Port thread

D Stroke

E Position locking mechanism

F Switch model No.

G Switch quantity
*7

H Option
*3
*8

I Accessory
*4

⚠ Precautions for model No. selection

- *1 : Rod side position locking of TA and head side position locking of TB are not available.
- *2 : Refer to page 142 for min. stroke with switch.
- *3 : The compatible tube O.D. of F (with push-in fitting (straight)) and FE (with push-in fitting (elbow)) is ø6.
- *4 : "I" and "Y" cannot be selected together.
- *5 : Refer to Ending Page 85 for custom specifications of rod end form.
- *6 : Refer to page 84 for combination of variations/options.
- *7 : Up to three switches can be installed. If four or more switches are required, switch mounting brackets for the extra switches must be prepared separately.
- *8 : Only non-locking manual override is available if "M0" or "M1" of H Option is not selected. Release bolt is not included.
- *9 : For 20 or 25 bore size, the rod is stainless steel as standard and the rod nut is zinc chromate. If a stainless steel rod nut is necessary, select the "M" option code.

[Example of model No.]

CMK2-Q-00-20-25-R-T0H-R-M0Y

Model: Medium bore size cylinder, position locking

- A Mounting : Basic
- B Bore size : ø20 mm
- C Port thread : Rc thread
- D Stroke : 25 mm
- E Position locking mechanism : With rod side position locking
- F Switch model No. : Reed T0H switch, lead wire 1 m
- G Switch quantity : 1 on rod side
- H Option : Non-locking manual override
- I Accessory : Rod clevis

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 split washer pin included)
TA	Rod side trunnion
TB	Head side trunnion

B Bore size (mm)		
20	ø20	*9
25	ø25	*9
32	ø32	
40	ø40	

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

D Stroke (mm)		
Bore size	Stroke *2	Custom stroke
ø20	5 to 750	In 1 mm increments
ø25	5 to 750	
ø32	5 to 750	
ø40	5 to 750	

E Position locking mechanism	
R	With rod side position locking
H	With head side position locking

F Switch model No.						
Axial lead wire		Contact	Voltage		Indicator	Lead wire
			AC	DC		
T0H*	T0V*	Reed	●	●	1-color LED	2-wire
T5H*	T5V*		●	●	No indicator lamp	
T8H*	T8V*		●	●	1-color LED	
T1H*	T1V*	Proximity	●		1-color LED	2-wire
T2H*	T2V*			●		
T3H*	T3V*			●		
T3PH*	T3PV*			●	1-color LED	3-wire
T2WH*	T2WV*			●		
T2YH*	T2YV*			●		
T3WH*	T3WV*			●	2-color LED	2-wire
T3YH*	T3YV*			●		
T2JH*	T2JV*			●	1-color LED off-delay	2-wire

* Lead wire length	
Blank	1 m (standard)
3	3 m (option)
5	5 m (option)

G Switch quantity	
R	1 on rod side
H	1 on head side
D	2
T	3

H Option	
F	With push-in fitting (straight)
FE	With push-in fitting (elbow)
M	Piston rod material (stainless steel) *9
P6	Copper and PTFE free
M0	Non-locking manual override (with release bolt)
M1	Locking manual override

I Accessory	
I	Rod eye
Y	Rod clevis (pin and split washer pin included)
B2	Clevis bracket (pin and snap ring included)

How to order switch

- Switch body + mounting bracket set

CMK2 - T0H - 20

Bore size (Item **B** on page 144)

Switch model No. (Item **F** on page 144)

- Switch body only

SW - T0H

Switch model No. (Item **F** on page 144)

- Mounting bracket set

CMK2 - T - 20

Bore size (Item **B** on page 144)

Mounting bracket

How to order mounting bracket

Bore size (mm)		ø20	ø25	ø32	ø40
Mounting bracket					
Basic (00)	*3	M1-00-20	M1-00-30	M1-00-30	M1-00-30
Axial foot (LB)		M1-LB-20	M1-LB-30	M1-LB-30	M1-LB-30
Flange (FA/FB)		M1-FA-20	M1-FA-30	M1-FA-30	M1-FA-30
Trunnion (TA/TB)		M1-TA-20	M1-TA-30	M1-TA-30	M1-TA-40
Eye bracket (CA)		M1-CA-20	M1-CA-30	M1-CA-30	M1-CA-30
Clevis bracket (CB)		M1-CB-20	M1-CB-30	M1-CB-30	M1-CB-30

*1: Regarding mounting brackets, mounting nuts and toothed washers are supplied with the axial foot and flange. The trunnion includes mounting nuts.

2: For axial foot (two-sided), 2 sets of "M1-LB-" in the table above are required.

*3: Mounting nut, toothed washer only. Although 1 set is included with the basic of the product (00), use this when needed.

Specifications for rechargeable battery (Catalog No. CC-1226A)

CMK2-Q - ... - P4*

- Design compatible with rechargeable battery manufacturing process

* Contact CKD for details.

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

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