Small bore size cylinder Double acting/Single rod/Rubber scraper

NSF-H1

W. Carl

CMK2-G-FP1-HP1 Series

Bore size:ø20/ø25/ø32/ø40







Specifications

SCPD3 CMK2

SCM

SSD2 MDC2 MSD MSDG-L SMG

LCR LCG STM STG STR2 SCPD3

CMK2 SCM SCG SSD2 SMG LCR STG STS STL

Long service life cylinder

Environment-resistant cylinder

Linear Slide Hand

Wide Parallel Low-profile long stroke hand LST

Chuck CKW

Air Booster ABP2

Compatible with rechargeable batteries

LSH

LSHL

LSHM

LSTM

₹ HMC

CMK2 SCM SSD2 MSD MSDG-L SMG STG

STM

LCR

LCG STR2

LSH LSHL SCPD3 CMK2

SCM SCG SSD2 STG

Item		CMK2-G-FP1-HP1				
Bore size	mm	ø20	ø25	ø32	ø40	
Actuation		Double acting				
Working fluid		Compressed air				
Max. working pressure	MPa	1.0				
Min. working pressure	MPa	0.15				
Proof pressure	MPa	1.6				
Ambient temperature	°C	-10 to 60 (no freezing)				
Port size		Rc1/8				
Stroke tolerance	mm	^{+2.0} ₀ (up to 200), ^{+2.4} ₀ (More than 200				
Working piston speed	mm/s	50 to 500				
Cushion		With rubber cushion				
Lubrication		Not required				
Allowable absorbed energy	/ J	0.166	0.308	0.424	0.639	

Stroke

Bore size(mm)	Standard stroke (mm)	Max. stroke (mm)	Min. stroke (mm)
ø20			
ø25	25/50/75/100/150/200/	750	5
ø32	250/300		
ø40			

^{*1:} The custom stroke is available in 1 mm increments.

How to order mounting brackets

Bore size (mm) Mounting bracket *2	ø20	ø25	ø32	ø40 *1
Basic (00) *4	M1- 00 -20	M1- 00 -30	M1- 00 -30	M1- 00-30 (for head side)
Axial foot (LB/LS)	M1-LB-20	M1-LB-30	M1-LB-30	M1-LB-30(For head side) CMK2-G2-40-LS (LS, LB rod side)
Flange (FA/FB)	M1-FA-20	M1-FA-30	M1-FA-30	CMK2-G2-40-FA(FA) M1-FA-30(FB)
Trunnion (TA/TB)	M1-TA-20	M1-TA-30	M1-TA-30	CMK2-G2-40-TA(TA) M1-TA-40(TB)
Eye bracket (CA)	M1-CA-20-FP1	M1-CA-30-FP1	M1-CA-30-FP1	M1-CA-30-FP1
Clevis bracket (CB)	M1-CB-20-FP1	M1-CB-30-FP1	M1-CB-30-FP1	M1-CB-30-FP1

^{*1:} The rod cover nut, LS bracket (LB rod side), FA bracket and TA bracket for ø40 bore size are not the standard.

Refer to the CMK2-G-HP1 Series on page 55 for dimensions.

^{*2:} One side foot (LS) has max. stroke of 50mm.

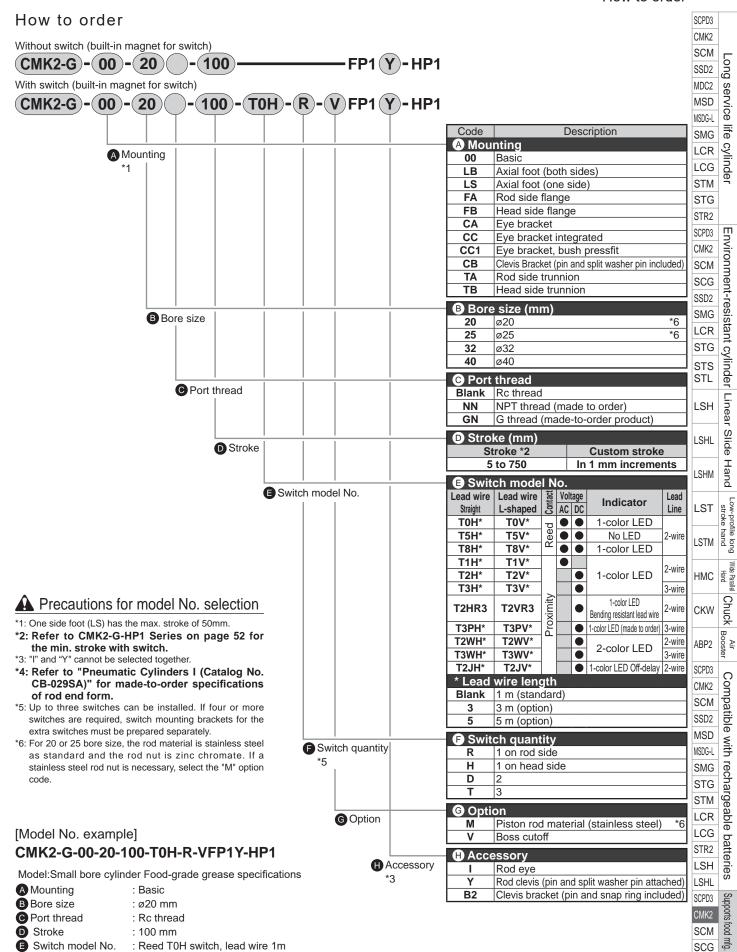
^{*2:} Mounting nuts and toothed washers are included with the axial foot type and flange type. The trunnion type includes mounting nuts. However, toothed washers are not included with ø40,00, LB (rod side), LS and FA.

^{*3:} For axial foot types (two-sided), 2 sets of the "M1-LB-*1" in the table above are required. For ø40, the brackets used on the rod side and head side are different.

^{*4:} Mounting nut, toothed washer only. Although 1 set is included with the basic product (00) (only mounting nuts are included with the ø40), use them when

CMK2-G-FP1-HP1 Series

How to order



Switch quantity

G Option

Accessory

: 1 on rod side

: Boss cutoff

: Rod clevis

SSD2

STG