

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
MecHnd/Chuk
ShkAbs
FJ
FK
SpdContr
Ending
BHA-FC
CKL2-FC



Mechanical chuck

CKL2-FC Series

● Operating stroke length: 5, 6, 8, 10mm



Specifications

● CKL2-FC

Model No.	CKL2-FC			
Size	20CS	25CS	32CS	40CS
Cylinder bore size mm	ø20	ø25	ø32	ø40
Rod diameter mm	ø6	ø8	ø10	ø12
Ambient temperature °C	5 (41°F) to 60 (140°F)			
Operating stroke length mm	5	6	8	10
Repeatability mm	±0.01			
Open side external force N	165 to 250	280 to 420	485 to 730	710 to 1050
Gripping power (*2) N	20 to 33	33 to 53	50 to 105	83 to 150
Product weight g	202	320	433	834

*1 : Never use in the open direction, as the hand may be damaged.

*2 : Gripping power varies with stroke position.

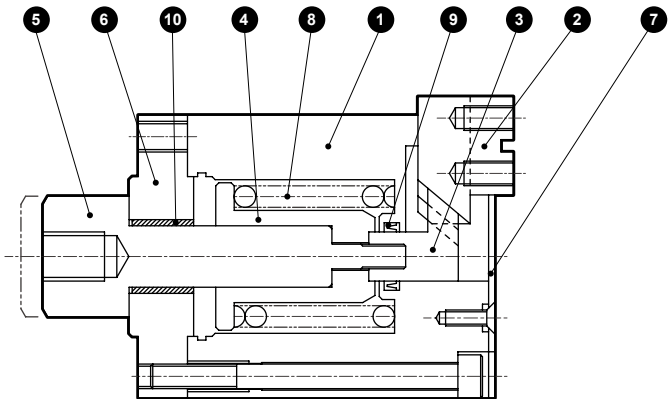
How to order

CKL2 - 20CS - FC

Code
A Size
20CS
25CS
32CS
40CS

Internal structure and parts list

● CKL2-FC



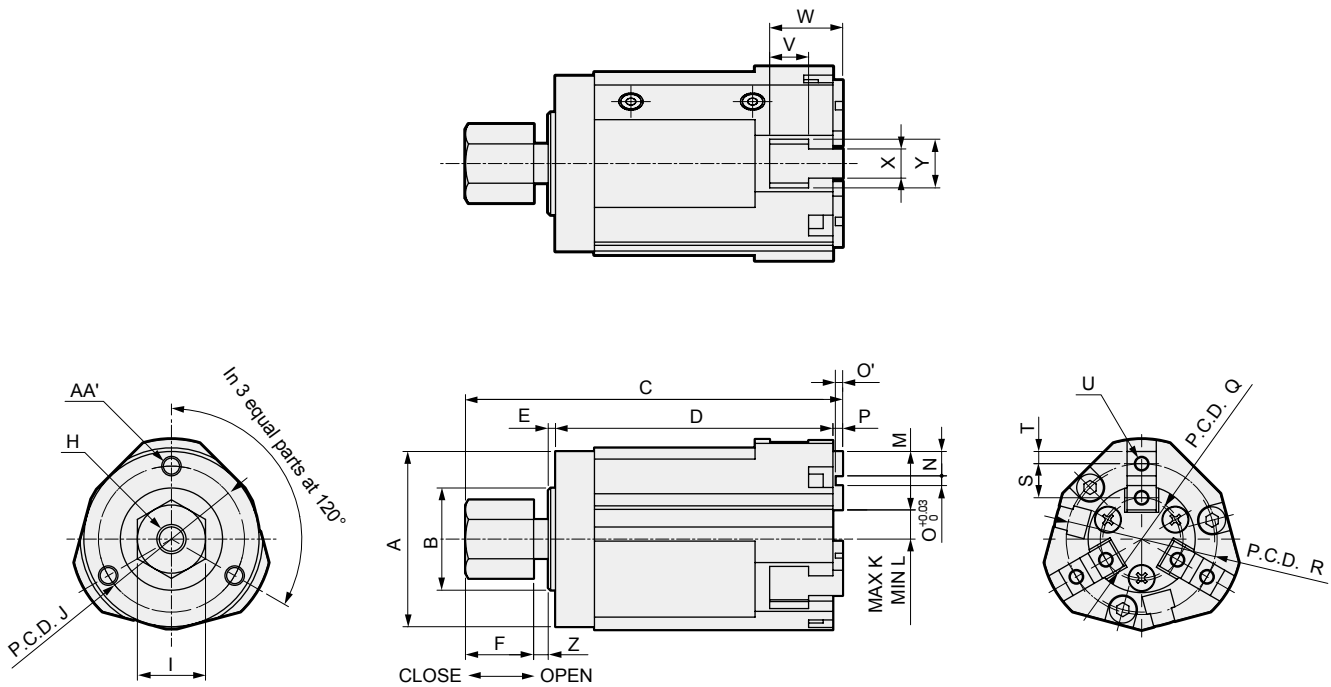
Cannot be disassembled

No.	Part name	Material	No.	Part name	Material
1	Body	Aluminum alloy	6	FC cylinder guard	Aluminum alloy
2	Finger	Steel	7	Center guard	Stainless steel
3	Piston A	20CS to 32CS : Stainless steel 40CS : Steel	8	Spring	Stainless steel
4	FC piston	Aluminum alloy	9	Lot sealant	Nitrile rubber
5	FC stopper rod	Stainless steel	10	Bush	Oil impregnated bearing alloy

Dimensions



● CKL2-FC



Code	A	AA'	B	C	D	E	F	H	I	J	K	L
Model No.												
CKL2-20CS-FC	ø36	3-M4 × 0.7 depth 8	ø21 ⁰ _{-0.052}	MAX77.5/MIN74.5	57	1.5	14	M6 × 1.0 depth 9	14	30	8.5	6
CKL2-25CS-FC	ø46	3-M5 × 0.8 depth 8	ø26 ⁰ _{-0.052}	MAX80.1/MIN76.5	58	1.5	14	M8 × 1.25 depth 10	17	39	10	7
CKL2-32CS-FC	ø52	3-M5 × 0.8 depth 10	ø34 ⁰ _{-0.062}	MAX93/MIN88	67	2	16	M8 × 1.25 depth 12	19	44	12	8
CKL2-40CS-FC	ø62	3-M6 × 1.0 depth 12	ø42 ⁰ _{-0.062}	MAX118/MIN111.5	90.5	2	16	M10 × 1.5 depth 15	24	53	15	10

Code	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	O'
Model No.															
CKL2-20CS-FC	12	5	2	2	17	31	7	2.5	3 x 2-M3 x 0.5 depth 6	8	15	6 ⁰ _{-0.012}	10	3	1.5
CKL2-25CS-FC	16	7	2	3	21	39	9	3.5	3 x 2-M4 x 0.7 depth 8	8.5	15.5	7 ⁰ _{-0.015}	12	3.6	2
CKL2-32CS-FC	18	7.5	3	3	24	44	10	4	3 x 2-M4 x 0.7 depth 8	4	14.5	8 ⁰ _{-0.015}	14	5	2
CKL2-40CS-FC	21	9	3	3	29	53	12	4.5	3 x 2-M5 x 0.8 depth 10	5	15	8 ⁰ _{-0.015}	16	6.5	2.5

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