

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



Lightweight clamp cylinder/double acting/single rod

CAC-N32/N40 Series

● Bore size: ø32, ø40

JIS symbol



Specifications

Item		CAC-N32	CAC-N40
Bore size	mm	ø32	ø40
Actuation		Double acting	
Max. working pressure	MPa	1.0 (≈150 psi, 10 bar)	0.7 (≈100 psi, 7 bar)
Min. working pressure	MPa	0.15 (≈22 psi, 1.5 bar)	
Proof pressure	MPa	1.6 (≈230 psi, 16 bar)	1.05 (≈150 psi, 10.5 bar)
Ambient temperature	°C	-10 (14°F) to 60 (140°F) (no freezing)	
Port size		Rc1/8	
Working piston speed	mm/s	50 to 500	50 to 400
Cushion		Rubber cushion	
Lubrication		Not required (use turbine oil ISO VS32 if necessary for lubrication)	
Mounting		Clevis bracket	
Allowable absorbed energy J	PUSH	0.424	
	PULL	0.424	0.639

Stroke length

Bore size (mm)	Standard stroke length (mm)	Max. stroke length (mm)	Min. stroke length (mm)	Min. stroke with switch (mm)
ø32	50, 75, 100, 125, 150	150	5	10
ø40				

Cylinder weight

(Unit: kg)

Bore size (mm)	Product weight per 0 mm stroke length	Additional weight per 100 mm stroke length	Weight per switch	Switch rail + band weight (per switch)	Weight of mounting bracket (tie rod mounting)	Weight of tie rod at 0 mm stroke length	Additional weight of tie rod per S = 10 mm
ø32	0.45	0.15	Refer to the weight in the switch specifications on the next page.	0.009	0.021	0.019	0.003
ø40	0.53	0.17					

(Example) Product weight of CAC-N40-50-TOH-R

- Product weight for stroke length 0 mm 0.53 kg
- Additional weight for stroke length 50 mm $0.17 \times \frac{50}{100} = 0.085$ kg
- Weight of 1 TOH switch 0.018 kg
- Weight of switch rail + 1 band 0.009 kg
- Product weight $0.53 + 0.085 + 0.018 + 0.009 = 0.642$ kg

Switch specifications

● 1-color/2-color display

Item	Proximity 2-wire			Proximity 3-wire			Reed 2-wire						
	T1H/T1V	T2H/T2V/ T2JH/ T2JV	T2YH/ T2YV	T3H/ T3V	T3PH/ T3PV	T3YH/ T3YV	TOH/TOV	T5H/T5V		T8H/T8V			
Applications	For programmable controller, relay, compact solenoid valve	Dedicated for programmable controller		For programmable controller, relay			For programmable controller, relay	For programmable controller, relay, IC circuit (without indicator lamp), serial connection		For programmable controller, relay			
Output method	-			NPN output	PNP output	NPN output	-						
Power supply voltage	-			10 to 28 VDC			-						
Load voltage	85 to 265 VAC	10 to 30 VDC		30 VDC or less			12/24 VDC	110 VAC	5/12/24 VDC	110 VAC	12/24 VDC	110 VAC	220 VAC
Load current	5 to 100 mA	5 to 20 mA (*3)		100 mA or less		50 mA or less	5 to 50 mA	7 to 20 mA	50 mA or less	20 mA or less	5 to 50 mA	7 to 20 mA	7 to 10 mA
Indicator lamp	LED (Lit when ON)	LED (Lit when ON)	Red/green LED (Lit when ON)	LED (Lit when ON)	Yellow LED (Lit when ON)	Red/green LED (Lit when ON)	LED (Lit when ON)		Without indicator lamp		LED (Lit when ON)		
Leakage current	1 mA or less with 100 VAC 2 mA or less with 200 VAC	1 mA or less		10 μA or less			0 mA						
Weight	g	1 m:33 3 m:49 5 m:142	1 m:18 3 m:87 5 m:80	1 m:18 3 m:49 5 m:80		1 m:33 3 m:87 5 m:142	1 m:18 3 m:49 5 m:80		1 m:33 3 m:87 5 m:142				

*1 : Refer to Ending Page 1 for detailed switch specifications and dimensions.

*2 : Switches other than the above models, such as switches with connectors, are also available. Refer to Ending Page 1.

*3 : The max. load current is 20 mA at 25°C. The current is lower than 20 mA if the operating ambient temperature around the switch is higher than 25°C. (5 to 10 mA at 60°C)

● AC magnetic field

Item	Proximity 2-wire	
	T2YD, T2YDT	
Applications	Dedicated for programmable controller	
Indicator lamp	Red/green LED (Lit when ON)	
Load voltage	24 VDC ±10%	
Load current	5 to 20 mA	
Internal voltage drop	6 V or less	
Leakage current	1.0 mA or less	
Output delay time (*1) (Delay ON, delay OFF)	30 to 60 mS	
Lead wire (*2, 3)	Oil resistant vinyl cabtyre cable ø6, 0.5 mm ² x 2-conductor (standard 1 m)	
Insulation resistance	100 MΩ and over with 500 VDC megger	
Withstand voltage	No failure after 1 minute of 1,000 VAC application.	
Shock resistance	980 m/s ²	
Ambient temperature	-10 to +60°C	
Degree of protection	JIS C0920 (water-tight), IEC Standard IP67, oil resistance	
Weight	g	1 m:61 3 m:166 5 m:272

*1 : Indicates the time from magnetic sensor detection of the piston magnet until switch output.

*2 : 3 m and 5 m lead wires are available as options.

*3 : Flame-resistant lead wires are available as options.

*4 : Switch for AC magnetic field cannot be used in DC magnetic field.

Theoretical thrust table

(Unit: N)

Bore size (mm)	Operating direction	Working pressure MPa									
		0.15	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
ø32	Push	1.21 × 10 ²	1.61 × 10 ²	2.41 × 10 ²	3.22 × 10 ²	4.02 × 10 ²	4.83 × 10 ²	5.63 × 10 ²	6.43 × 10 ²	7.24 × 10 ²	8.04 × 10 ²
	Pull	1.04 × 10 ²	1.38 × 10 ²	2.07 × 10 ²	2.76 × 10 ²	3.46 × 10 ²	4.15 × 10 ²	4.84 × 10 ²	5.53 × 10 ²	6.22 × 10 ²	6.91 × 10 ²
ø40	Push	1.88 × 10 ²	2.51 × 10 ²	3.77 × 10 ²	5.03 × 10 ²	6.28 × 10 ²	7.54 × 10 ²	8.80 × 10 ²	-	-	-
	Pull	1.65 × 10 ²	2.21 × 10 ²	3.31 × 10 ²	4.41 × 10 ²	5.51 × 10 ²	6.62 × 10 ²	7.72 × 10 ²	-	-	-

CAC-N32/N40 Series

How to order

● Without switch (built-in magnet for switch)

CAC - **N40** - **50** - **Y**

● With switch (built-in magnet for switch)

CAC - **N40** - **50** - **T0H** - **R** - **Y**

A Bore size

B Port thread

C Stroke length

D Switch model No.

* indicates the lead wire length.

E Switch quantity

F Switch mounting position and mounting type

G Accessory
*1

Precautions for model No. selection

*1 : A pin, split pin, and plain washer are attached with Y.

*2 : When the switch model No. is not specified, the mounting method will be tie rod only.

*3 : Tie rods cannot be retrofitted on cylinders with the switch mounting position and method left blank.

[Example of model No.]

CAC-N40-50-T0H-R-Y

Model name : Lightweight clamp cylinder

A Bore size : $\varnothing 40$ mm

B Port thread : Rc thread

C Stroke length : 50 mm

D Switch model No. : Reed switch T0H, lead wire length 1 m

E Switch quantity : 1 on rod side

F Switch mounting position and mounting type : Band mounting

G Accessory : Rod clevis

Code	Description
A Bore size (mm)	
N32	$\varnothing 32$
N40	$\varnothing 40$

B Port thread	
Blank	Rc thread
N	NPT thread (made-to-order product)
G	G thread (made-to-order product)

C Stroke length (mm)	
50, 75, 100, 125, 150	

D Switch model No.		Contact	Voltage		Display	Lead wire
Axial lead wire	Radial lead wire		AC	DC		
T0H*	T0V*	Reed	●	●	1-color display	2-wire
T5H*	T5V*		●	●	Without indicator lamp	
T8H*	T8V*		●	●	1-color display	
T1H*	T1V*	Proximity	●	●	1-color display	2-wire
T2H*	T2V*		●	●		
T3H*	T3V*		●	●	1-color display	3-wire
T3PH*	T3PV*		●	●		
T2YH*	T2YV*		●	●	2-color display	2-wire
T3YH*	T3YV*		●	●		
T2YD*	-		●	●	2-color display	2-wire
T2YDT*	-		●	●		
T2JH*	T2JV*		●	●	1-color display off-delay	2-wire

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

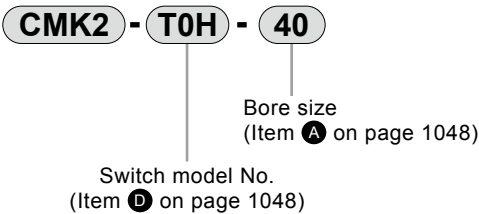
E Switch quantity	
R	1 on rod side
H	1 on head side
D	2

F Switch mounting position and mounting type		
A	Tie rod mounting *2	
C		
Blank	Band mounting *3	

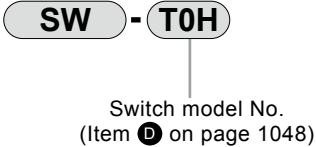
G Accessory	
Blank	Without accessory (rod eye)
Y	Rod clevis

How to order switch
[Switch mounting: Band]

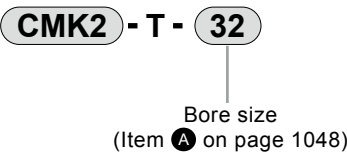
A) Switch body + mounting bracket set



B) Switch body only

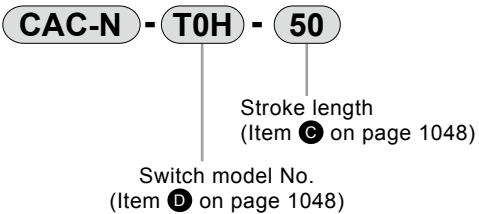


C) Mounting bracket set

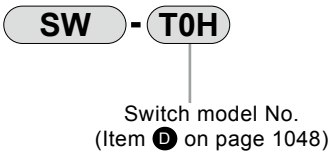


[Switch mounting: Tie rod]

A) Switch body + mounting bracket set
= (B+C+D)



B) Switch body only



C) Mounting bracket set



D) Mounting tie rod kit

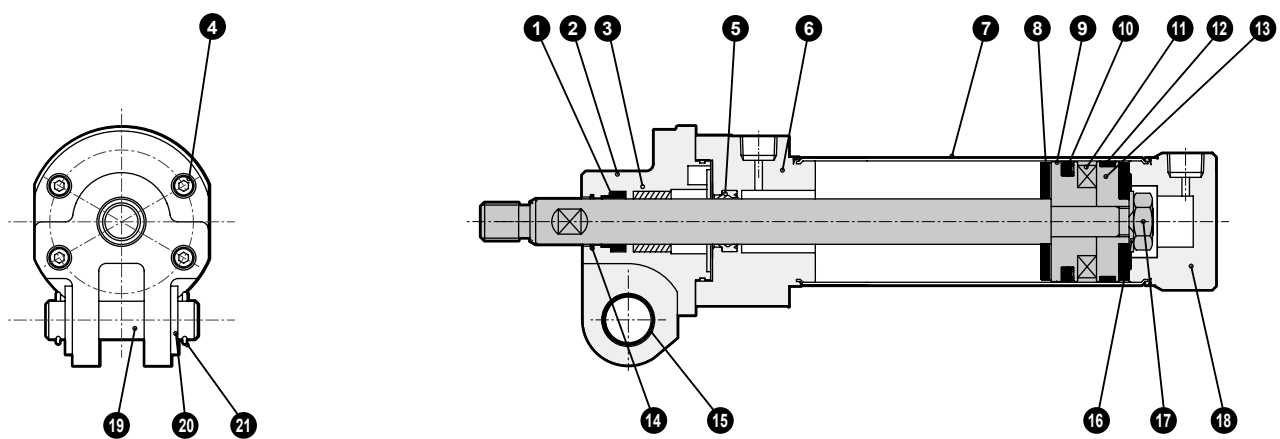


LCM
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JSC3/JSC4
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USC
UB
JSB3
LMB
LML
HCM
HCA
LBC
CAC4
UCAC2
CAC-N
UCAC-N
RCS2
RCC2
PCC
SHC
MCP
GLC
MFC
BBS
RRC
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RV3*
NHS
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Ending

CAC-N32/N40 Series

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LMB
LML
HCM
HCA
LBC
CAC4
UCAC2
CAC-N
UCAC-N
RCS2
RCC2
PCC
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GLC
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RV3*
NHS
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Hand
Chuk
MecHnd/Chuk
ShkAbs
FJ
FK
SpdContr
Ending

Internal structure and parts list



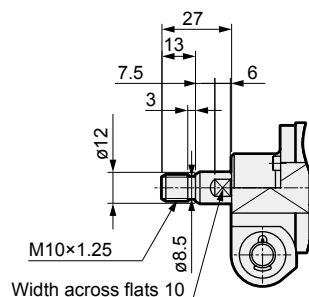
Cannot be disassembled

No.	Part name	Material	Remarks	No.	Part name	Material	Remarks
1	Scraper	Nitrile rubber		12	Wear ring	Acetal resin	
2	Front clevis	Aluminum alloy	Alumite	13	Piston B	Aluminum alloy	
3	Bush	Copper alloy		14	Metal scraper	Copper	
4	Hexagon socket head cap screw	Steel		15	Bush for clevis	Dry bearing	
5	Rod packing	Nitrile rubber		16	Plain washer	Steel	Chromate
6	Rod cover	Aluminum alloy		17	Hexagon nut	Steel	Chromate
7	Tube	Stainless steel		18	Head cover	Aluminum alloy	
8	Cushion rubber	Urethane rubber		19	Pin	Steel	Chromate
9	Piston A	Aluminum alloy		20	Plain washer	Steel	Chromate
10	Piston packing	Nitrile rubber		21	Split pin	Steel	Chromate
11	Magnet	Plastic					

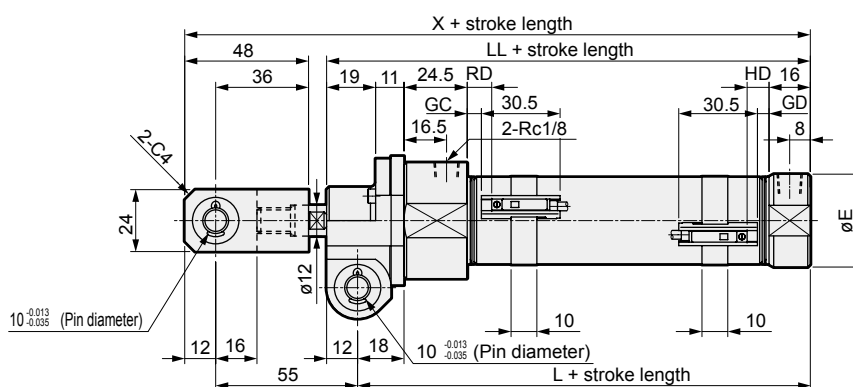
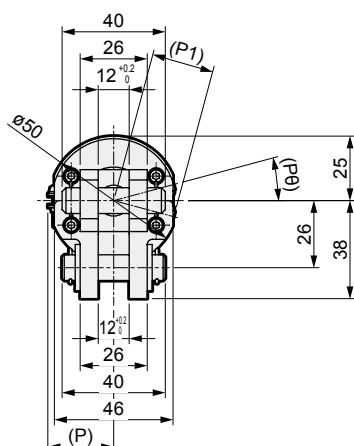
Note: The cylinder is a swaging and cannot be disassembled.

Without rod eye

- With 1-color display switch

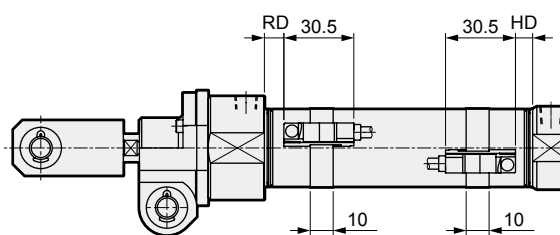
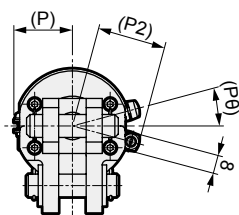


With rod clevis (Y)



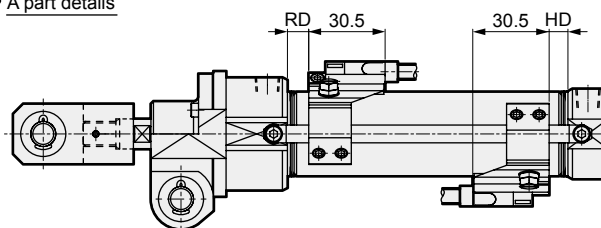
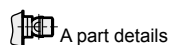
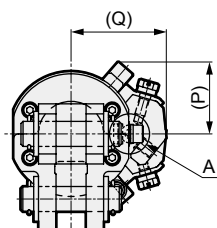
Code Bore size	E	L	LL	X	T0,T5,T2,T3				P	P1	P0
					GC	GD	RD	HD			
ø32	36	95.5	107.5	162.5	5.5	4.5	9.5	8.5	25.5	24.3	15
ø40	45	99.5	111.5	166.5	7.5	6.5	11.5	10.5	29.5	28.3	12

- With T1*, T8*, 2-point display switch



Code	RD		HD		P	P2		P0
Bore size	T1,T ₃ Y,T2YD,T2J	T8	T1,T ₃ Y,T2YD,T2J	T8		T1,T2YD	T ₃ Y,T8	
ø32	8.5	3.5	7.5	2.5	25.5	35.5	30.1	15
ø40	10.5	5.5	9.5	4.5	29.5	39.5	34.1	12

- Switch mounting: Tie rod



Code Bore size	(Q)	(P)	RD	HD
ø32	(3)	(29)	8.5	7.5
ø40	(42)	(29)	10.5	9.5

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

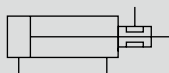


Lightweight position locking clamp cylinder

UCAC-N32/N40 Series

● Bore size: ø32, ø40

JIS symbol



Specifications

Item		UCAC-N32	UCAC-N40
Bore size	mm	ø32	ø40
Actuation		Double acting	
Max. working pressure	MPa	1.0 (≈150 psi, 10 bar)	0.7 (≈100 psi, 7 bar)
Min. working pressure	MPa	0.25 (≈36 psi, 2.5 bar)	
Proof pressure	MPa	1.6 (≈230 psi, 16 bar)	1.05 (≈150 psi, 10.5 bar)
Ambient temperature	°C	-10 (14°F) to 60 (140°F) (no freezing)	
Port size		Rc1/8	
Working piston speed	mm/s	50 to 500	50 to 400
Cushion		Rubber cushion	
Lubrication		Not required (use turbine oil ISO VS32 if necessary for lubrication)	
Mounting		Clevis bracket	
Position locking mechanism		Forward/backward locking	
Lock force	N	631	
Allowable absorbed energy J	PUSH	0.424	
	PULL	0.424	0.639

Stroke length

Bore size (mm)	Standard stroke length (mm)	Max. stroke length (mm)	Min. stroke length (mm)	Min. stroke with switch (mm)
ø32	50, 75, 100, 125, 150	150	5	10
ø40				

Switch specifications

● 1-color/2-color display/for AC magnetic field

Item	Proximity 2-wire			Proximity 3-wire			Reed 2-wire						Proximity 2-wire	
	T1H/T1V	T2H/T2V	T2YH/T2YV	T3H/T3V	T3PH/T3PV	T3YH/T3YV	TOH/TOV	T5H/T5V		T8H/T8V		T2YD(*4) T2YDT		
Applications	For programmable controller, relay, compact solenoid valve	Dedicated for programmable controller		For programmable controller, relay			For programmable controller, relay	For programmable controller, relay, IC circuit (no indicator lamp), serial connection		For programmable controller, relay		Dedicated for programmable controller		
Output method	-			NPN output	PNP output	NPN output	-							
Pwr. supp. V.	-			10 to 28 VDC			-							
Load voltage	85 to 265 VAC	10 to 30 VDC		30 VDC or less			12/24 VDC	110 VAC	5/12/24 VDC	110 VAC	12/24 VDC	110 VAC	220 VAC	24 VDC ±10%
Load current	5 to 100 mA	5 to 20 mA (*3)		100 mA or less		50 mA or less	5 to 50 mA	7 to 20 mA	50 mA or less	≤20 mA	5 to 50 mA	7 to 20 mA	7 to 10 mA	5 to 20 mA
Indicator lamp	LED (Lit when ON)	LED (Lit when ON)	Red/green LED (Lit when ON)	LED (Lit when ON)	Yellow LED (Lit when ON)	Red/green LED (Lit when ON)	LED (Lit when ON)		Without indicator lamp		LED (Lit when ON)		Red/green LED (Lit when ON)	
Leakage current	1 mA or less with 100 VAC 2 mA or less with 200 VAC	1 mA or less		10 μA or less			0 mA						1 mA or less	
Weight g	1 m:33	1 m:18	1 m:33	1 m:18		1 m:33	1 m:18				1 m:33		1 m:61	
	3 m:87	3 m:49	3 m:87	3 m:49		3 m:87	3 m:49				3 m:87		3 m:166	
	5 m:142	5 m:80	5 m:142	5 m:80		5 m:142	5 m:80				5 m:142		5 m:272	

*1 : Refer to Ending Page 1 for detailed switch specifications and dimensions.

*2 : Switches other than the above models, such as switches with connectors, are also available. Refer to Ending Page 1.

*3 : The max. load current is 20 mA at 25°C. The current is lower than 20 mA if the operating ambient temperature around the switch is higher than 25°C.
(5 to 10 mA at 60°C)

*4 : AC magnetic field proof switch (T2YD/T2YDT) cannot be used in DC magnetic fields.

Cylinder weight

(Unit: kg)

Bore size (mm)		Product weight per 0 mm stroke length	Additional weight per 100 mm stroke length	Weight per switch	Switch rail + band weight (per switch)	Weight of mounting bracket (tie rod mounting)	Weight of tie rod at 0 mm stroke length	Additional weight of tie rod per S = 10 mm
ø32	Forward locking : F	0.71	0.15	Refer to the weight in the switch specifications on the previous page.	0.009	0.024	0.019	0.003
	Backward locking : B	0.65						
ø40	Forward locking : F	0.78	0.17					
	Backward locking : B	0.72						

(Example) Product weight of UCAC-N32-50-B-TOH-D

- Product weight for 0 mm stroke length (backward locking: B)..... 0.65 kg
- Additional weight per 50 mm stroke length..... $0.15 \times \frac{50}{100} = 0.075$ kg
- Weight of 2 TOH switches..... $0.018 \times 2 = 0.036$ kg
- Weight of switch rail + 2 bands..... $0.009 \times 2 = 0.018$ kg
- Product weight..... $0.65 + 0.075 + 0.036 + 0.018 = 0.779$ kg

Theoretical thrust table

(Unit: N)

Bore size (mm)	Operating direction	Working pressure MPa								
		0.25	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
ø32	Push	2.01×10^2	2.41×10^2	3.22×10^2	4.02×10^2	4.83×10^2	5.63×10^2	6.43×10^2	7.24×10^2	8.04×10^2
	Pull	1.73×10^2	2.07×10^2	2.76×10^2	3.46×10^2	4.15×10^2	4.84×10^2	5.53×10^2	6.22×10^2	6.91×10^2
ø40	Push	3.14×10^2	3.77×10^2	5.03×10^2	6.28×10^2	7.54×10^2	8.80×10^2	—	—	—
	Pull	2.76×10^2	3.31×10^2	4.41×10^2	5.51×10^2	6.62×10^2	7.72×10^2	—	—	—

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
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Hand
Chuk
MechHnd/Chuk
ShkAbs
FJ
FK
SpdContr
Ending

UCAC-N32/N40 Series

How to order

● Without switch (built-in magnet for switch)

UCAC - N32 - 50 - B ————— **Y**

● With switch (built-in magnet for switch)

UCAC - N32 - 50 - B - T0H - D ————— **Y**

A Bore size

B Stroke length

C Lock direction

D Switch model No.

* indicates the lead wire length.

E Switch quantity

F Switch mounting position and mounting type

G Accessory
*1

Precautions for model No. selection

*1: A pin, split pin, and plain washer are attached with Y.

*2: When the switch model No. is not specified, the mounting method will be tie rod only.

*3: Tie rods cannot be retrofitted on cylinders with the switch mounting position and method left blank.

[Example of model No.]

UCAC-N32-50-B-T0H-D-Y

Model: Lightweight position locking clamp cylinder double acting

A Bore size : ø32 mm

B Stroke length : 50 mm

C Lock direction : Backward locking

D Switch model No. : Reed switch T0H, lead wire length 1 m

E Switch quantity : 2

F Switch mounting position and mounting type : Band mounting

G Accessory : Rod clevis

Code	Description
A Bore size (mm)	
N32	ø32
N40	ø40

B Stroke length (mm)	
50	50
75	75
100	100
125	125
150	150

C Lock direction	
F	Forward locking
B	Backward locking

D Switch model No.					
Axial lead wire	Radial lead wire	Contact	Voltage AC/DC	Display	Lead wire
T0H*	T0V*	Reed	● ●	1-color display	2-wire
T5H*	T5V*		● ●	Without indicator lamp	
T8H*	T8V*		● ●	1-color display	
T1H*	T1V*	Proximity	●	1-color display	2-wire
T2H*	T2V*		●		
T3H*	T3V*		●	1-color display	3-wire
T3PH*	T3PV*		●		
T2YH*	T2YV*		●	2-color display	2-wire
T3YH*	T3YV*		●		
T2YD*	-		●	2-color display	2-wire
T2YDT*	-		●	AC magnetic field	
T2JH*	T2JV*		●	1-color display off-delay	2-wire

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

E Switch quantity	
R	1 on rod side
H	1 on head side
D	2

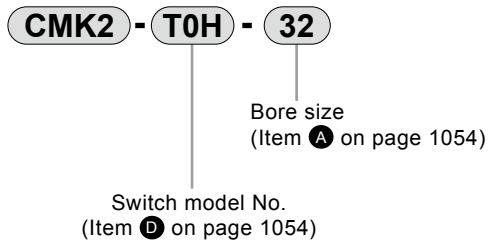
F Switch mounting position and mounting type		
A	Tie rod mounting	
C	*2	
Blank	Band mounting	*3

G Accessory	
Blank	Without accessory (rod eye)
Y	Rod clevis (pin, split pin and plain washer attached)

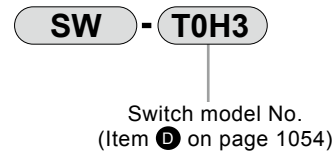
How to order switch

[Switch mounting: Band]

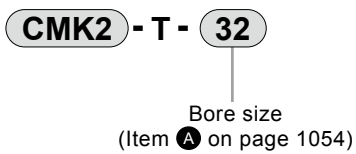
A) Switch body + mounting bracket set



B) Switch body only

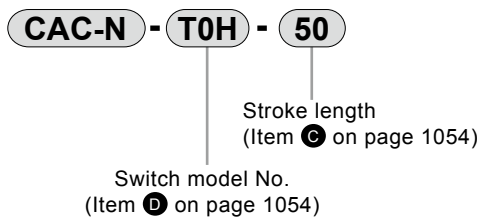


C) Mounting bracket set

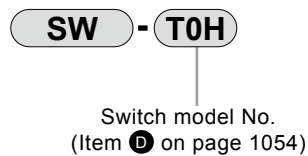


[Switch mounting: Tie rod]

A) Switch body + mounting bracket set
= (B+C+D)



B) Switch body only



C) Mounting bracket set



D) Mounting tie rod kit



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

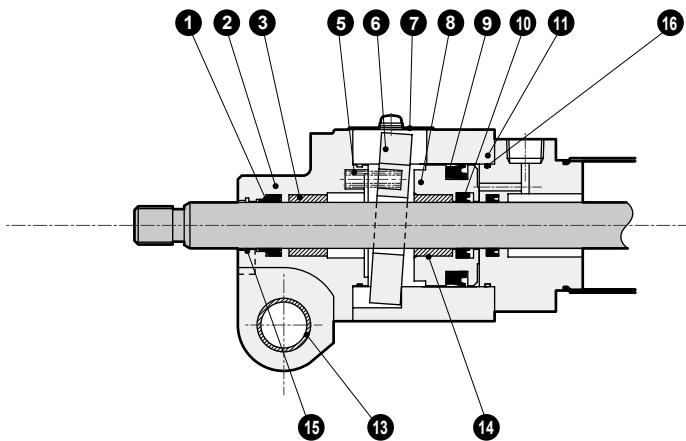
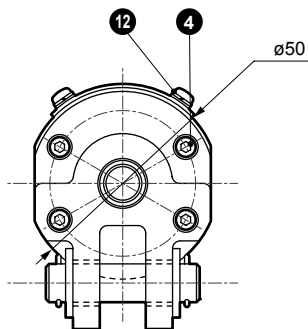
UCAC-N32/N40 Series

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
MecHnd/Chuk
ShkAbs
FJ
FK
SpdContr
Ending

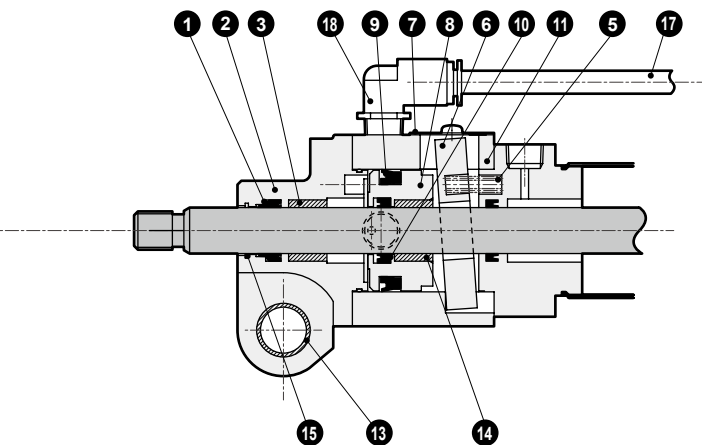
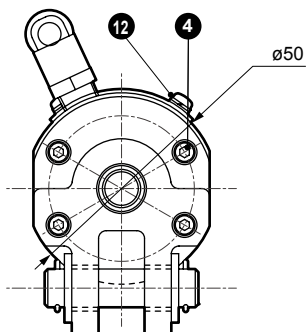
Internal structure and parts list

* The cylinder is the same as CAC-N32/N40. Refer to page 1050.

● With backward locking (UCAC-N32/N40-B)



● With forward locking (UCAC-N32/N40-F)

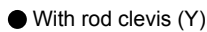


Cannot be disassembled

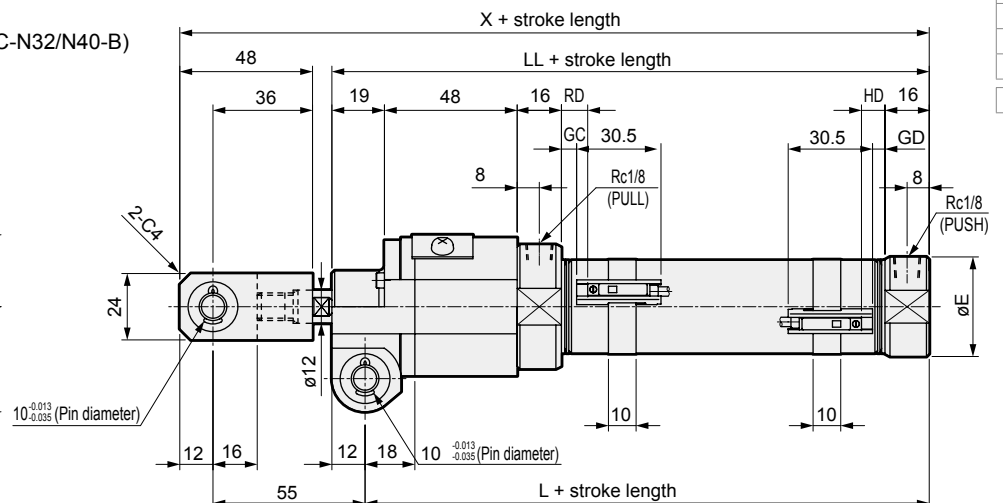
No.	Part name	Material	Remarks	No.	Part name	Material	Remarks
1	Scraper	Nitrile rubber		10	Lock rod packing	Nitrile rubber	
2	Rod cover	Aluminum alloy	Alumite	11	Intermediate cover	Aluminum alloy	Alumite
3	Metal	Copper alloy		12	Cross-recessed pan head machine screw	Steel	Chromate
4	Hexagon socket head cap screw	Steel		13	Bush for clevis	Oiles drymet	
5	Spring	Steel	Black finish	14	Metal	Copper alloy	
6	Lock plate	Cast iron		15	Metal scraper	Copper alloy	
7	Dust cover	Stainless steel		16	Gasket	Nitrile rubber	
8	Release piston	Aluminum alloy	Alumite	17	Bypass tube		
9	Lock piston packing	Nitrile rubber		18	Push-in fitting		

Note: The cylinder is a swaging type and cannot be disassembled.
Also, do not disassemble the lock as it may lead to a decrease in holding force.

- Without rod eye



- With backward locking (UCAC-N32/N40-B)

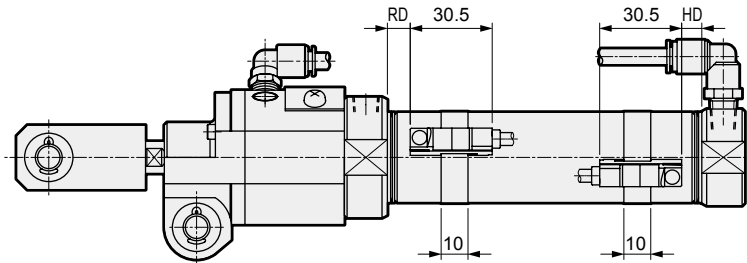
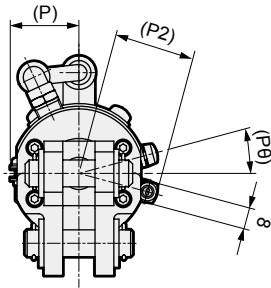


LCM
LCR
LCG
LCW
LCX
STM
STG
STS/STL
STR2
UCA2
ULK*
JSK/M2
JSG
JSC3/JSC4
USSD
UFCD
USC
UB
JSB3
LMB
LML
HCM
HCA
LBC
CAC4
UCAC2
CAC-N
UCAC-N
RCS2
RCC2
PCC
SHC
MCP
GLC
MFC
BBS
RRC
GRC
RV3*
NHS
HRL
LN
Hand
Chuk
MechHnd/Chuk
ShkAbs
FJ
FK
SpdContr
Ending

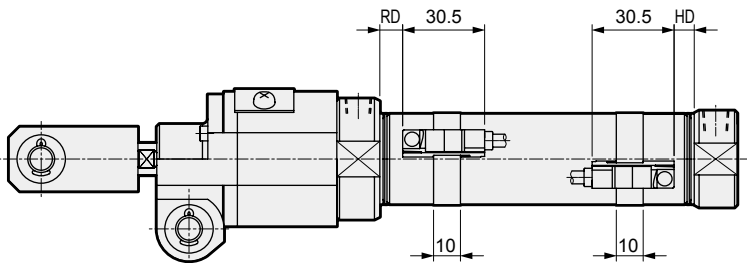
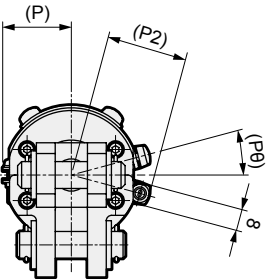
UCAC-N32/N40 Series

Dimensions

- With T1*, T8*, 2-color display switch
- With forward locking (UCAC-N32/N40-F)

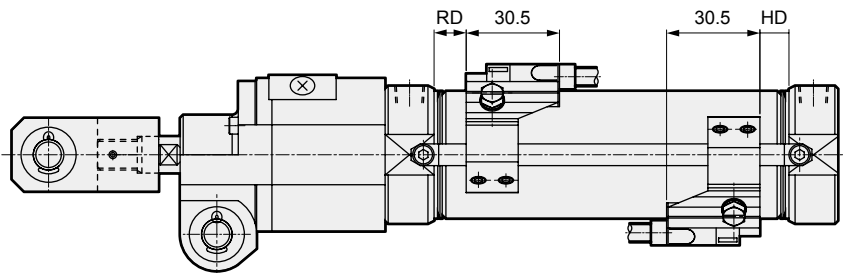
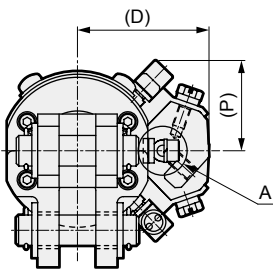
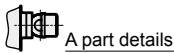


- With backward locking (UCAC-N32/N40-B)



Code Bore size	RD		HD		P	P2		P0
	T1, T ² ₃ Y, T2YD, T2J	T8	T1, T ² ₃ Y, T2YD, T2J	T8		T1, T2YD	T ² ₃ Y, T8	
ø32	8.5	3.5	7.5	2.5	25.5	35.5	30.1	15
ø40	10.5	5.5	9.5	4.5	29.5	39.5	34.1	12

- Switch mounting: Tie rod



Code Bore size	(D)	(P)	RD	HD
ø32	(38)	(29)	8.5	7.5
ø40	(43)	(30)	10.5	9.5

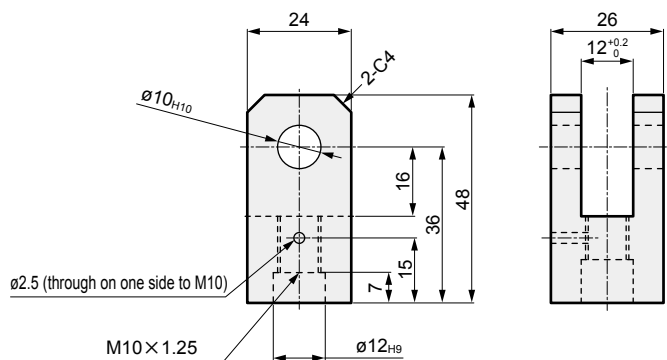
CAC-N32/N40/UCAC-N32/N40 Series

Accessory dimensions

- Rod clevis (Y)

Material: Steel

Zinc chromate treatment



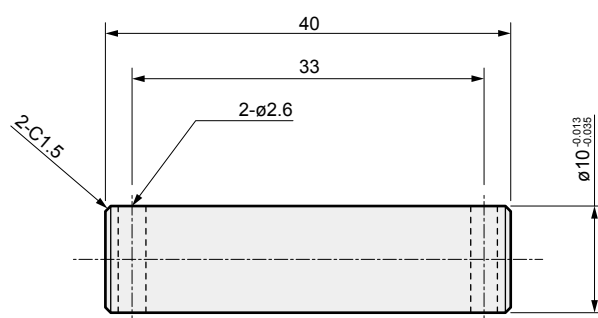
* A pin, split pin, spring pin and plain washer are attached.

Model No.	Applicable clamp	Weight (kg)
CAC-N-Y	CAC-N, UCAC-N	0.15

- Clevis pin

Material: Steel

Zinc chromate treatment



* A split pin and flat washer are attached.

Model No.	Applicable clamp	Weight (kg)
CAC-N-P	CAC-N, UCAC-N	0.02

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