



- 本系列 $\phi 12 \sim \phi 25$ 空壓缸符合 ISO 6432 規格
- DI Series cylinders according to ISO 6432 (Bore size $\phi 12 \sim \phi 25$)

單雙動氣缸 Double-Single acting cylinders

DIC... DIA...	雙動型 DOUBLE ACTING - SINGLE END ROD TYPE	
DID...	雙動雙軸型 DOUBLE ACTING - DOUBLE END ROD TYPE	
DID...A DID...B	雙動雙軸可調行程型 ADJUSTABLE FORWARD STROKE CYLINDER - ADJUSTABLE STROKE A:25mm B:50mm	
SRIC... SRIA...	後單動型 SINGLE ACTING WITH SPRING RETURN - SINGLE END ROD TYPE	
SHIC... SHIA...	前單動型 SINGLE ACTING WITH SPRING EXTRUDE - SINGLE END ROD TYPE	

規格表 Specifications

氣缸內徑 Bore sizes of cylinder (mm)	$\phi 12$	$\phi 16$	$\phi 20$	$\phi 25$	$\phi 32$	$\phi 40$
標準行程 Standard stroke (mm)	15,25,50,75,100,125,150,200,250,300,400,500					
使用流體 Used fluid	已濾清之壓縮空氣(潤滑或未潤滑) Filtered air with or without lubrication					
缸管材質 Material of cylinder barrel	不鏽鋼管 SUS 304 Stainless steel tube					
使用壓力範圍 The range of pressure (Kgf/cm ²)	1 ~ 9.9					
使用溫度範圍 The range of temperature (°C)	-10 ~ 60					

訂購代號 Order No.

DI C 32 × 125 A PPV FA-Y LN-01B × 2

- 行程 Stroke**: 125
- 內徑 Bore**: 32
- 型式 Type**:

C	有尾型 Integrated clevis	
A	無尾型 Boss-cut	
D	雙軸型 Double rod	
- 端點緩衝 End cushions**:

PPV	無緩衝 Without cushion
	$\phi 20 \sim \phi 40$ 附端點緩衝 With end cushions
- 可調行程 Adjustable stroke**:

A	可調25mm Adjustable 25mm
B	可調50mm Adjustable 50mm
- 配件 Accessories**:

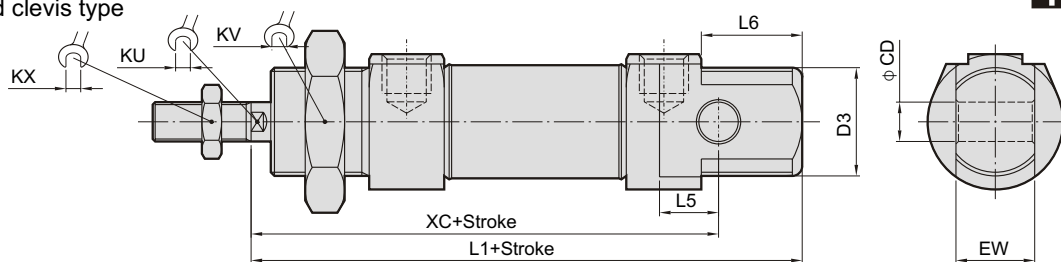
FA	
FB	
LB	
CB	
TC	
I	
Y	
P	
KG	
- 感應器數量 Quantity**: 2
- 近接開關 Sensor switch**: LN01B

● 作動方式 Operation

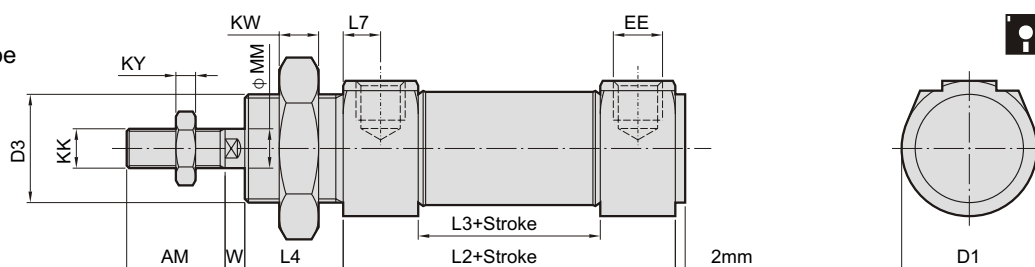
DI	雙動型 Double acting
SRI	後單動型 Single acting Spring return
SHI	前單動型 Single acting Spring extrude

尺寸圖 Dimension $\phi 12 \sim \phi 40$

DIC 有尾型
Integrated clevis type

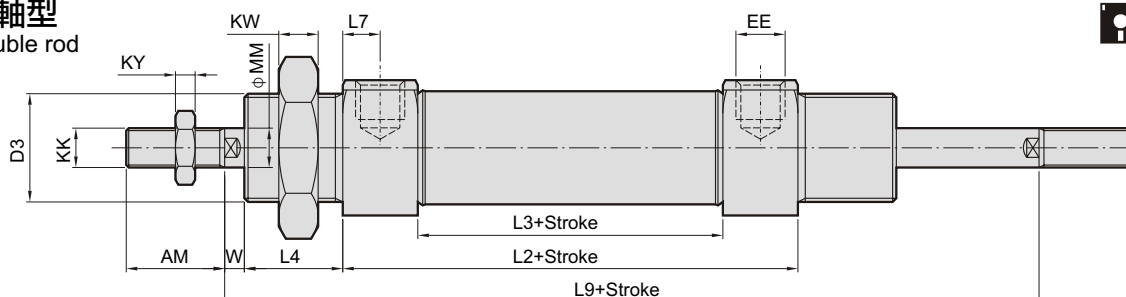


DIA 無尾型
Boss-cut type

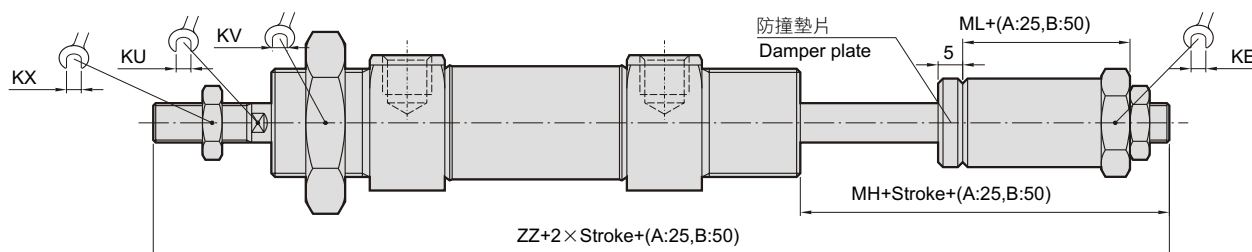


Bore	AM	D1	φ CD	D3	L1	L2	L3	L4	L5	L6	L7	KK	KU	KV	KW	KX	KY	φ MM	W	EW	XC	EE
φ 12	16	20	φ 6	M16×P1.5	84	45	27	17	9	17	4.5	M6×P1.0	5	24	8	10	5	φ 6	5	12	75	M5×0.8
φ 16	16	20	φ 6	M16×P1.5	91	50.5	30.5	17	9	17	5	M6×P1.0	5	24	8	10	5	φ 6	5	12	82	M5×0.8
φ 20	20	27.5	φ 8	M22×P1.5	112	67.5	37	20	12	20	7.6	M8×P1.25	7	32	8	13	4	φ 8	4	16	95	G1/8
φ 25	22	27.5	φ 8	M22×P1.5	119.5	69.5	37.5	22	12	22	8	M10×P1.25	9	32	8	17	6	φ 10	6	16	104	G1/8
φ 32	22	37	φ 10	M27×P2.0	133	83.5	47.5	20	13.5	22	9	M10×P1.25	10	35	9.5	17	6	φ 12	8	22	120	G1/8
φ 40	24	45	φ 10	M33×P2.0	138	85	49	20	13.5	22	9	M12×P1.25	14	41	9.5	22	8	φ 16	11	26	125	G1/8

DID 雙軸型
Double rod



DID..A/B 雙軸可調型
Double rod with adjustable stroke

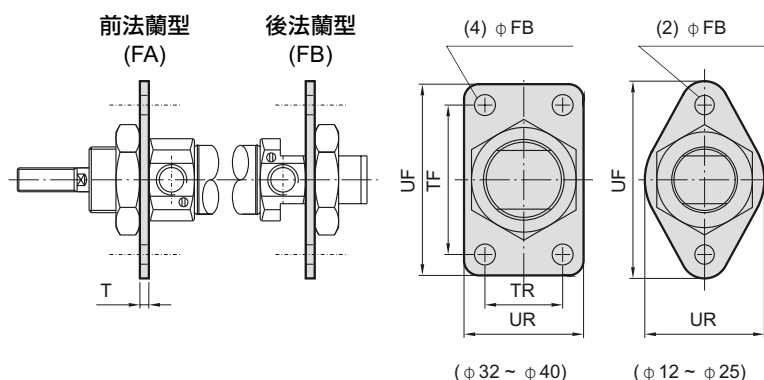


Bore	AM	L2	L3	L4	L7	KK	KU	KV	KW	KX	KY	φ MM	W	EE	L9	ZZ	MH	ML	KE
φ 20	20	67.5	37	20	7.6	M8×P1.25	7	32	8	13	4	φ 8	4	G1/8	116	157	25	9	19
φ 25	22	69.5	37.5	22	8	M10×P1.25	9	32	8	17	6	φ 10	6	G1/8	126	170	28	13	19
φ 32	22	83.5	47.5	20	9	M10×P1.25	10	35	9.5	17	6	φ 12	8	G1/8	140	184	30	15	21
φ 40	24	85	49	20	9	M12×P1.25	14	41	9.5	22	8	φ 16	11	G1/8	147	196	36	18	26

安裝配件 Accessories 尺寸圖 Dimension $\phi 12 \sim \phi 40$

FA 法蘭型
Front flange

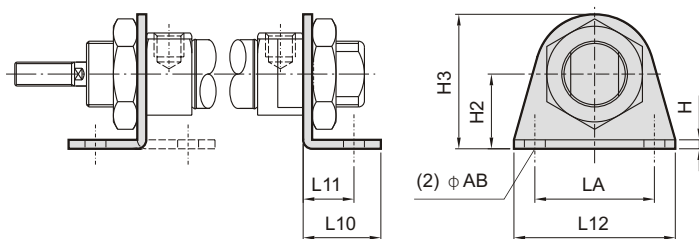
☒ DIC ☐ FA



Bore	TF	TR	UF	UR	t	FB
$\phi 12$	40	-	52	30	3	$\phi 5.5$
$\phi 16$	40	-	52	30	3	$\phi 5.5$
$\phi 20$	50	-	66	40	3	$\phi 6.5$
$\phi 25$	50	-	66	40	3	$\phi 6.5$
$\phi 32$	50	26	64	40	3	$\phi 7$
$\phi 40$	54	30	74	50	4	$\phi 7$

LB 腳座型
Foot mount

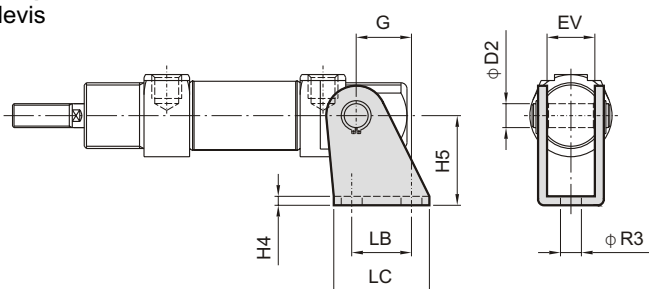
☒ DIC ☐ LB



Bore	L10	L11	L12	LA	H	H2	H3	AB
$\phi 12$	20.5	14	42	32	3	20	33	$\phi 6$
$\phi 16$	20.5	14	42	32	3	20	33	$\phi 6$
$\phi 20$	26	17	54	40	3	25	45	$\phi 7$
$\phi 25$	26	17	54	40	3	25	45	$\phi 7$
$\phi 32$	25	18	64	50	3.5	28	48	$\phi 7$
$\phi 40$	30	20	74	54	4	31.5	60	$\phi 7$

CA 單耳型
Clevis

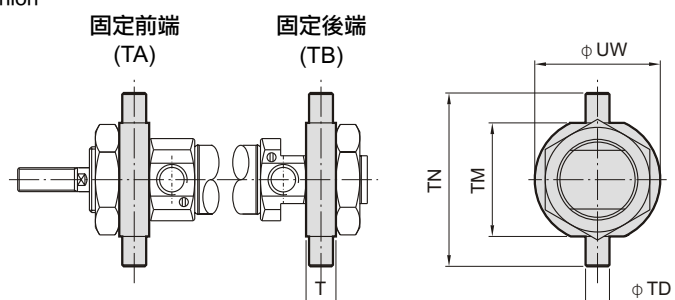
☒ DIC ☐ CA



Bore	LB	LC	EV	H4	H5	G	D2	R3
$\phi 12$	15	25	12	3	27	15	$\phi 6$	$\phi 6$
$\phi 16$	15	25	12	3	27	15	$\phi 6$	$\phi 6$
$\phi 20$	20	32	16	3	30	18.5	$\phi 8$	$\phi 7$
$\phi 25$	20	32	16	3	30	18.5	$\phi 8$	$\phi 7$
$\phi 32$	25	40	22	3	40	22.5	$\phi 10$	$\phi 9$
$\phi 40$	25	40	26	3	40	22.5	$\phi 10$	$\phi 9$

TC 砲耳型
Trunion

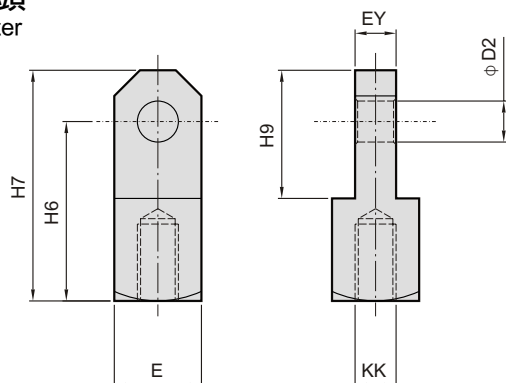
☒ DIC ☐ TC



Bore	TN	TM	TD	UW	t
$\phi 20$	58	38	$\phi 8$	$\phi 42$	10
$\phi 25$	58	38	$\phi 8$	$\phi 42$	10
$\phi 32$	60	40	$\phi 10$	$\phi 45$	12
$\phi 40$	72	48	$\phi 10$	$\phi 50$	12

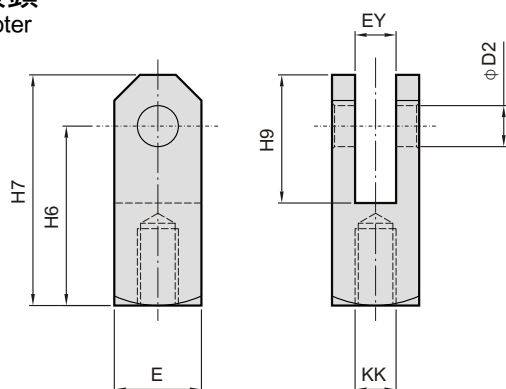
軸端配件 Accessories 尺寸圖 Dimension $\phi 20 \sim \phi 40$

I I型接頭
I-Adapter



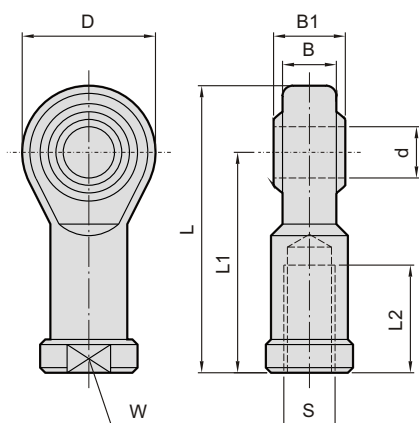
Bore	H6	H7	H9	D2	EY	E	KK
$\phi 20$	35	45	25	8	8	19	M8×P1.25
$\phi 25$	35	45	25	8	8	19	M10×P1.25
$\phi 32$	45	57	30	10	10	22	M10×P1.25
$\phi 40$	45	57	30	10	10	22	M12×P1.25

Y Y型接頭
Y-Adapter



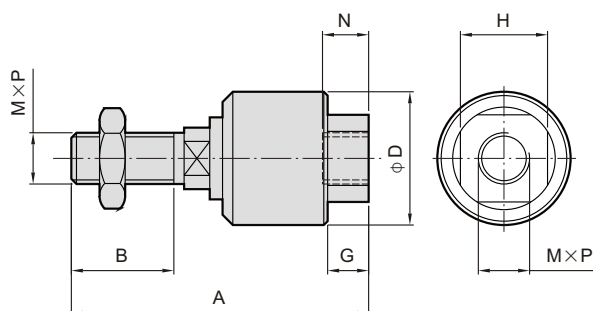
Bore	H6	H7	H9	D2	EY	E	KK
$\phi 20$	35	45	25	8	8	19	M8×P1.25
$\phi 25$	35	45	25	8	8	19	M10×P1.25
$\phi 32$	45	57	30	10	10	22	M10×P1.25
$\phi 40$	45	57	30	10	10	22	M12×P1.25

P P型接頭
P-Adapter

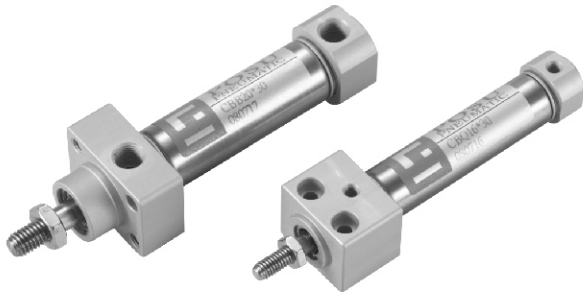


訂購代號 Order No.	d	D	B	B1	L	L1	L2	W	S
PHS 6	6	18	6.7	9	39	30	14	11	M6×P1.0
PHS 8	8	22	9	12	47	36	17	14	M8×P1.25
PHS 10	10	26	10.5	14	56	43	21	17	M10×P1.25
PHS 12	12	30	12	16	65	50	24	19	M12×P1.25

KG KG型浮動接頭
KG-Adapter



訂購代號 Order No.	A	B	N	D	G	H	M×P
KG-1006T	37	12.5	7	18	5	10	M6×P1.0
KG-1008T	50	18	8	24	7	13	M8×P1.25
KG-1010T	58	20	9	26	8	17	M10×P1.25
KG-1012T	58	21.5	9	28	8	17	M12×P1.25



雙動方型頭氣缸 Double acting block cylinders

CBQ	側面安裝型 SIDE MOUNTING TYPE	
CBQ...B	側面安裝型(附緩衝) SIDE MOUNTING TYPE (piston with magnet)	
CBB	軸向安裝型 FRONT MOUNTING TYPE	
CBB...B	軸向安裝型(附緩衝) FRONT MOUNTING TYPE (piston with magnet)	

- 本系列氣缸，一律附有磁性感應。
- 可選用更多樣式的固定方式，方便結合周邊的機械構件。
- 雙動缸 $\phi 16 \sim \phi 40$ 可具有端點可調式緩衝。

- All series of cylinder with magnet.
- The choice of fixing is large and give more solution to integrate the cylinder in the mechanical part.
- All with end cushions ($\phi 16 \sim \phi 40$).

規格表 Specifications

氣缸內徑 Bore sizes of cylinder (mm)	φ 16	φ 20	φ 25	φ 32	φ 40
配管口徑 Port size	M5	G 1/8			G 1/4
工作媒體 Power fluid	已濾清之壓縮空氣(潤滑或未潤滑) Filtered air with or without lubrication				
使用壓力範圍 The range of pressure (kgf/cm²)	2 ~ 7				
最大使用壓力 Maximum pressure (kgf/cm²)	10.2				
使用溫度範圍 The range of temperature (°C)	0 ~ 70				
使用速度範圍 The range of speed (mm/s)	50 ~ 500				

訂購代號 Order No.

CBQ - **25** - **B** × **100** - **Y** - **LN-01B** × **2**

● 感應器數量 Quantity

● 配件 Accessories

● 近接開關 Sensor switch

● 內徑 Bore

● 行程 Stroke

● 緩衝位置 End cushions

● 型式 Type

Type	Bore	Stroke	15	25	50	75	100	125	150	200	250	300
CBQ,CBB	$\phi 16$		●	●	●	●	●	—	—	—	—	—
CBQ_(B)	$\phi 20$		●	●	●	●	●	●	—	—	—	—
	$\phi 25$		●	●	●	●	●	●	●	—	—	—
CBB_(B)	$\phi 32$		●	●	●	●	●	●	●	●	●	—
	$\phi 40$		●	●	●	●	●	●	●	●	●	●

16 $\phi 16$

20 $\phi 20$

25 $\phi 25$

32 $\phi 32$

40 $\phi 40$

無緩衝 Without cushion

B 兩段緩衝 With end cushions

Y

G

K

LN-01B

LN-48R

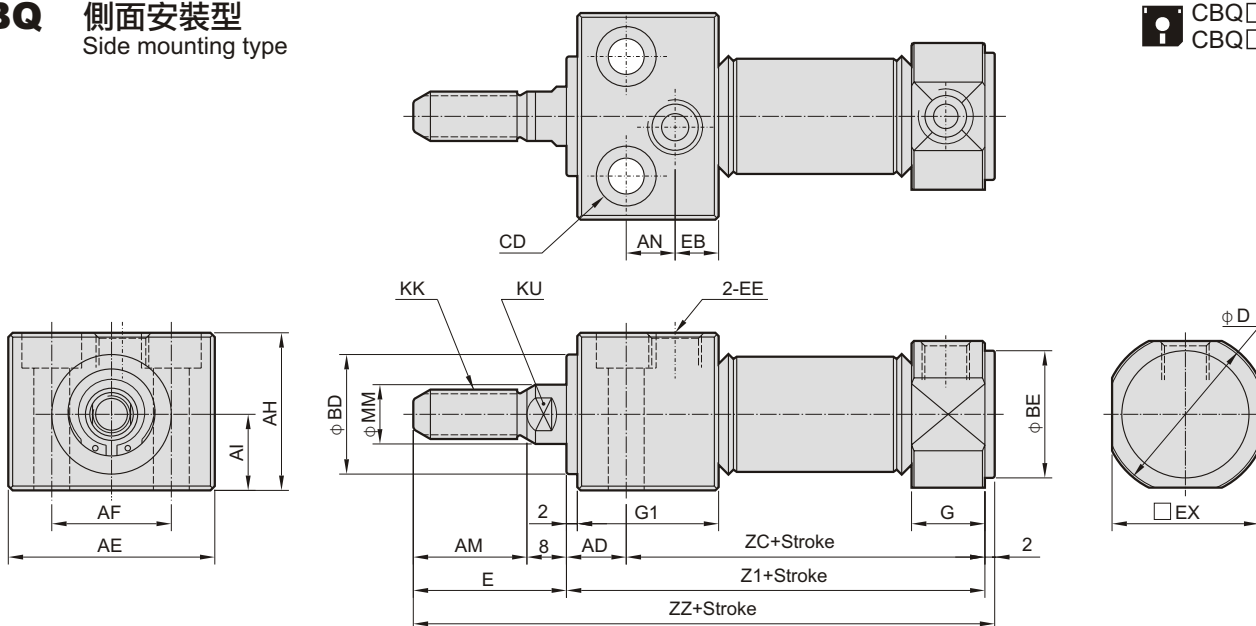
CBQ

CBB

雙動標準型尺寸圖 Dimension $\phi 16 \sim \phi 40$

CBQ 側面安裝型
Side mounting type

CBQ ☐ SD
CBQ ☐ B

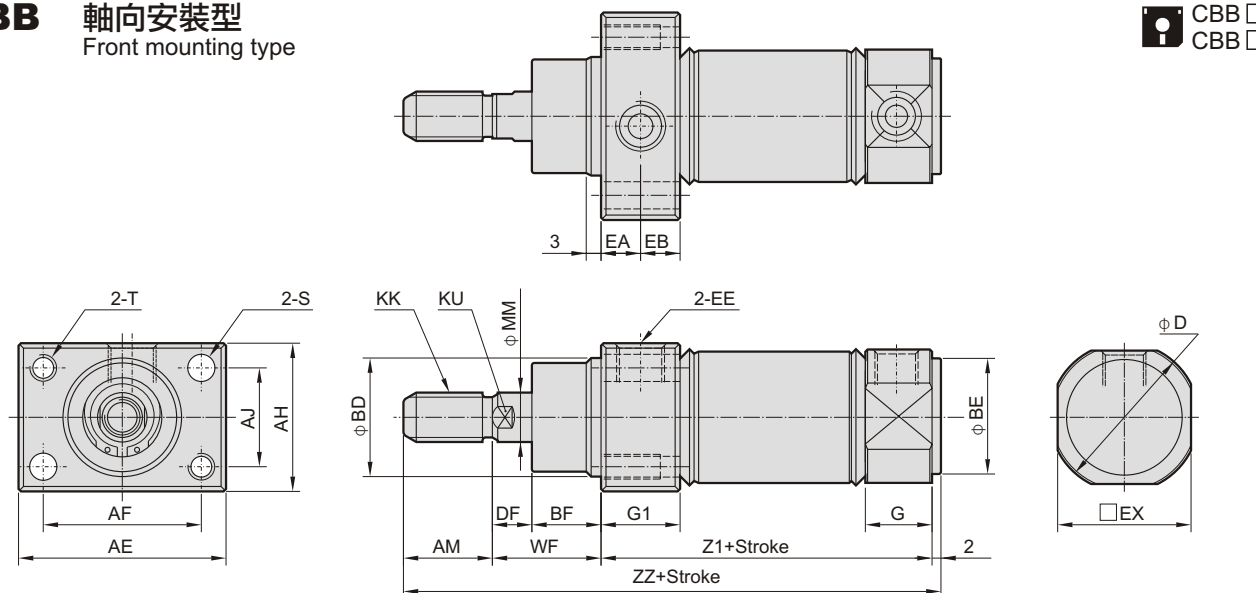


B: 兩端緩衝; N: 無膜

Bore	AD	AM	AN	AE	AF	AI	AH	BD	BE	CD	D	E	EB	EE	EX	G		G1	KK	KU	MM	Z1	ZC	ZZ
																N	B							
$\phi 16$	8	15	9	30	16	12	24	18	16	2- $\phi 4.5$, $\phi 8 \times 4.5$	21	20	8	M5 $\times$ 0.8	19	10	13.5	23	M6 $\times$ P1.0	5	6	73	65	95
$\phi 20$	11	15	9	38	22	14	28	22	22	2- $\phi 6.6$, $\phi 11 \times 6.5$	28	23	8	G1/8	24	15	17.5	26	M8 $\times$ P1.25	7	8	78	67	103.5
$\phi 25$	12	18	10	42	26	15	30	24	22	2- $\phi 6.6$, $\phi 11 \times 6.5$	33.5	26	8	G1/8	30	16	17.5	28	M10 $\times$ P1.25	9	10	80.5	68.5	108.5
$\phi 32$	14	23	14	54	34	18	36	28	27	2- $\phi 9$, $\phi 14 \times 8.5$	37.5	31	8	G1/8	34.5	16	17.5	34	M10 $\times$ P1.25	10	12	94	80	127
$\phi 40$	17	23	18	68	46	22	44	34	33	2- $\phi 11$, $\phi 17.5 \times 11$	46.5	31	9	G1/4	42.5	16	21.5	42	M12 $\times$ P1.25	14	16	114	97	147

CBB 軸向安裝型
Front mounting type

CBB ☐ SD
CBB ☐ B

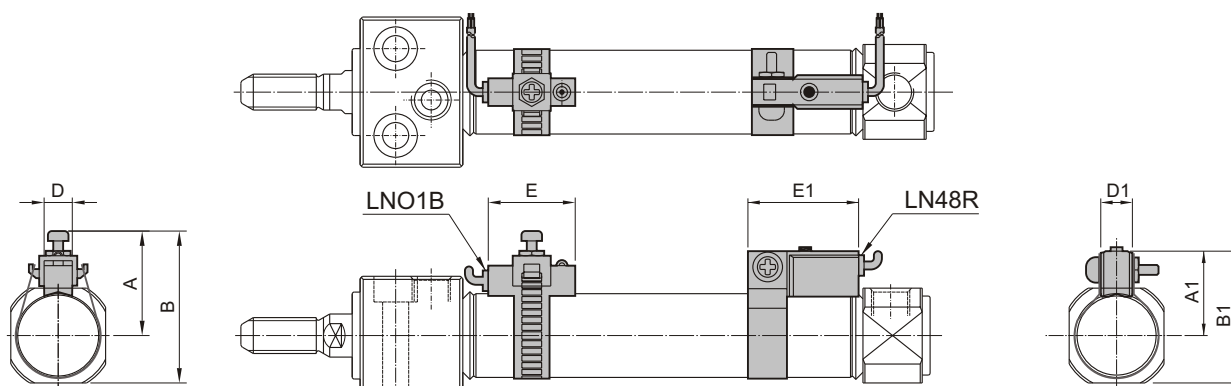


B: 兩端緩衝; N: 無膜

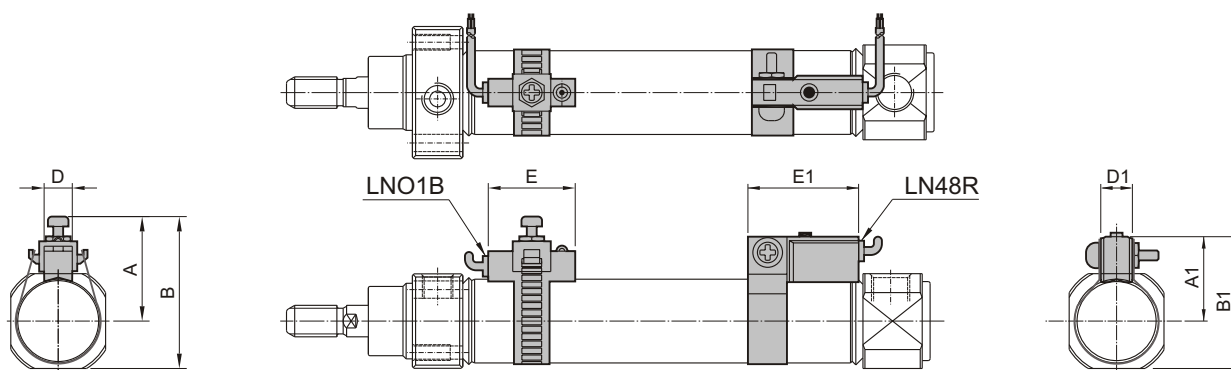
Bore	AM	AE	AF	AJ	AH	BD	BE	BF	D	DF	EA	EB	EE	EX	G		G1	KK	KU	MM	S	T	WF	Z1	ZZ
															N	B									
$\phi 16$	15	30	22	16	24	18	16	9	21	5	8	8	M5 $\times$ 0.8	19	10	13.5	16	M6 $\times$ P1.0	5	6	4.5	M4 $\times$ P0.8深8	14	64	95
$\phi 20$	15	38	28	18	28	22	22	12	28	8	8	8	G1/8	24	15	17.5	16	M8 $\times$ P1.25	7	8	5.5	M5 $\times$ P0.8深12	20	66	103.5
$\phi 25$	18	42	32	20	30	24	22	14	33.5	8	8	8	G1/8	30	15	17.5	16	M10 $\times$ P1.25	9	10	5.5	M5 $\times$ P0.8深12	22	66.5	108.5
$\phi 32$	23	54	42	24	36	28	27	14	37.5	8	8	8	G1/8	34.5	15	17.5	16	M10 $\times$ P1.25	10	12	6.6	M6 $\times$ P1.0貫穿	22	74	121
$\phi 40$	23	68	52	28	44	34	33	14	46.5	8	11	9	G1/8	42.5	21.5	21.5	20	M12 $\times$ P1.25	14	16	9	M8 $\times$ P1.25貫穿	22	90	137

近接開關 Sensor switches 尺寸圖 Dimension $\phi 16 \sim \phi 40$

CBQ 側面安裝型
Side mounting type



CBB 軸向安裝型
Front mounting type

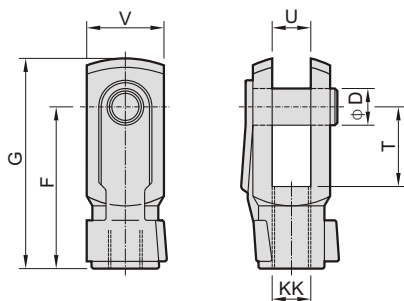


Bore	近接開關型式 sensor switch	A	B	D	E
$\phi 16$	LN01B	23.4	33	7	22
$\phi 20$	LN01B	25.5	37.5	7	22
$\phi 25$	LN01B	28.4	43.4	7	22
$\phi 32$	LN01B	32	49.3	7	22
$\phi 40$	LN01B	36.3	57	7	22

Bore	近接開關型式 sensor switch	束帶	A1	B1	D1	E1
$\phi 16$	LN48R	BS-S16	20	30	8	28
$\phi 20$	LN48R	BS-S20	22	34	8	28
$\phi 25$	LN48R	BS-S25	24	39	8	28
$\phi 32$	LN48R	BS-S32	28	45.5	8	28
$\phi 40$	LN48R	BS-S40	32	53	8	28

軸端配件 Accessories 尺寸圖 Dimension $\phi 16 \sim \phi 40$

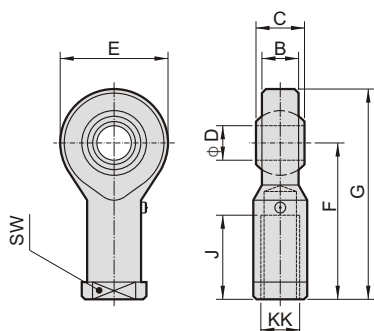
Y Y型接頭(附插銷)
Y-Adapter



Type	圖檔名 File name
Y-M6 × 1.0	YM06100
Y-M8 × 1.25	YM08125
Y-M10 × 1.25	YM10125
Y-M12 × 1.25	YM12125

Type	Bore	D	F	G	KK	T	U	V
Y-M6 × 1.0	$\phi 16$	6	24	31	M6 × P1.0	12	6	12
Y-M8 × 1.25	$\phi 20$	8	32	42	M8 × P1.25	16	8	16
Y-M10 × 1.25	$\phi 25, \phi 32$	10	40	52	M10 × P1.25	20	10	20
Y-M12 × 1.25	$\phi 40$	12	48	62	M12 × P1.25	24	12	24

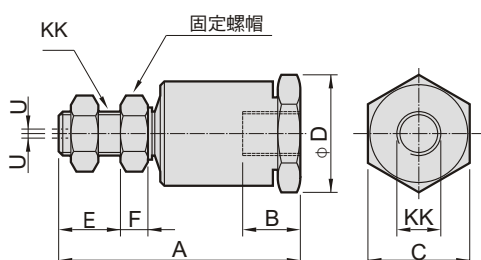
P P型接頭
P-Adapter



Type	圖檔名 File name
P-M6 × 1.0	PM06100
P-M8 × 1.25	PM08125
P-M10 × 1.25	PM10125
P-M12 × 1.25	PM12125

Type	Bore	B	C	D	E	F	G	J	KK	SW
P-M6 × 1.0	$\phi 16$	7	9	6	18	30	39	14	M6 × P1.0	11
P-M8 × 1.25	$\phi 20$	9	12	8	22	36	47	17	M8 × P1.25	14
P-M10 × 1.25	$\phi 25, \phi 32$	10.5	14	10	26	43	56	21	M10 × P1.25	17
P-M12 × 1.25	$\phi 40$	12	16	12	30	50	65	24	M12 × P1.25	19

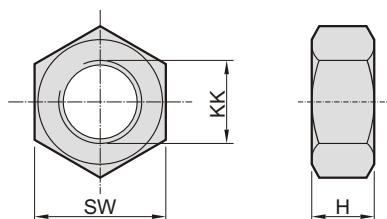
KG 浮動接頭
KG-Adapter



Type	圖檔名 File name
KG-M6 × 1.0	KG06100
KG-M8 × 1.25	KG08125
KG-M10 × 1.25	KG10125
KG-M12 × 1.25	KG12125

Type	Bore	A	B	C	D	E	F	KK	U
KG-M6 × 1.0	$\phi 16$	37	7.5	14	15	12	5	M6 × P1.0	1
KG-M8 × 1.25	$\phi 20$	47	11	19	20	13	6.5	M8 × P1.25	0.75
KG-M10 × 1.25	$\phi 25, \phi 32$	54	13	24	25.5	12.5	8	M10 × P1.25	1
KG-M12 × 1.25	$\phi 40$	71	17	29	31	16	11	M12 × P1.25	1.15

固定螺帽
Mounting nut



Type	圖檔名 File name
N-M6 × 1.0	NM06100
N-M8 × 1.25	NM08125
N-M10 × 1.25	NM10125
N-M12 × 1.25	NM12125

Type	Bore	H	KK	SW
N-M6 × 1.0	$\phi 16$	3	M6 × P1.0	10
N-M8 × 1.25	$\phi 20$	5	M8 × P1.25	14
N-M10 × 1.25	$\phi 25, \phi 32$	6	M10 × P1.25	17
N-M12 × 1.25	$\phi 40$	7	M12 × P1.25	19