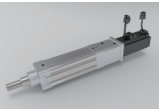
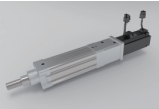
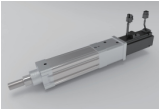
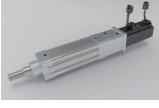
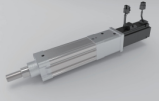
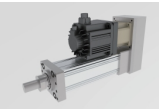
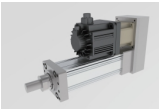


產品索引
Products index

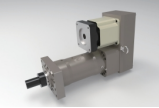
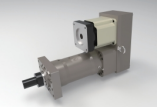
OPTION 01 電缸系列 electrialcylinderseries
輕載荷(鋁缸筒)電動缸-LOE
light loading(aluminum) electrial cylinder-LOE

LOE10 輕負載 light loading		本體寬度20mm body width 20mm 最大行程100mm.....P09 max stroke 100mm.....P09 最大負載10KG max loading 10KG	LOE16 輕負載 light loading		本體寬度29mm body width 29mm 最大行程200mm.....P11 max stroke 200mm.....P11 最大負載20KG max loading 20KG
LOE25 輕負載 light loading		本體寬度40mm body width 40mm 最大行程400mm.....P17 max stroke 400mm.....P17 最大負載40KG max loading 40KG	LOE40 輕負載 light loading		本體寬度53mm body width 53mm 最大行程600mm.....P23 max stroke 600mm.....P23 最大負載100KG max loading 100KG
LOE50 中負載 Medium loading		本體寬度65mm body width 65mm 最大行程800mm.....P30 max stroke 800mm.....P30 最大負載200KG max loading 200KG	LOE63 中負載 Medium loading		本體寬度75mm body width 75mm 最大行程1000mm.....P37 max stroke 1000mm.....P37 最大負載300KG max loading 300KG
LOE80 大負載 large loading		本體寬度95mm body width 95mm 最大行程1200mm.....P43 max stroke 1200mm.....P43 最大負載1000KG max loading 1000KG	LOE100 大負載 large loading		本體寬度110mm body width 100mm 最大行程1600mm.....P48 max stroke 1600mm.....P48 最大負載2000KG max loading 2000KG

electrialcylinderseries 電缸系列 02 OPTION
重載荷(鋁缸筒)電動缸-LDE
Heavy loading(aluminum) electrial cylinder-LDE

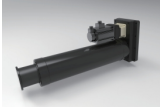
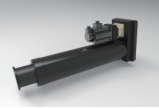
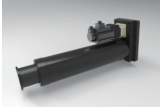
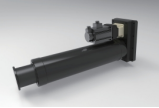
LDE40 重載荷 Heavy loading		本體寬度53mm body width 53mm 最大行程600mm.....P54 max stroke 600mm.....P54 最大負載200KG max loading 200KG	LDE50 重載荷 Heavy loading		本體寬度65mm body width 65mm 最大行程800mm.....P60 max stroke 800mm.....P60 最大負載500KG max loading 500KG
LDE63 重載荷 Heavy loading		本體寬度75mm body width 75mm 最大行程1000mm.....P66 max stroke 1000mm.....P66 最大負載1000KG max loading 1000KG	LDE80 重載荷 Heavy loading		本體寬度95mm body width 95mm 最大行程1600mm.....P71 max stroke 1600mm.....P71 最大負載3T max loading 3T
LDE100 重載荷 Heavy loading		本體寬度110mm body width 110mm 最大行程2000mm.....P76 max stroke 2000mm.....P76 最大負載4.5T max loading 4.5T	LDE125 重載荷 Heavy loading		本體寬度134mm body width 134mm 最大行程2000mm.....P81 max stroke 2000mm.....P81 最大負載6T max loading 6T

OPTION 03 電缸系列 electrialcylinderseries
重載荷(鐵缸筒)電動缸-LDC
Heavy loading(iron cylinder) electrial cylinder-LDE

LDC130 重載荷 Heavy loading		本體直徑 φ 155mm body diameter φ 155mm 最大行程2000mm.....P87 max stroke 2000mm.....P87 最大負載 10T max loading 10T	LDC150 重載荷 Heavy loading		本體直徑 φ 180mm body diameter φ 180mm 最大行程2000mm.....P92 max stroke 2000mm.....P92 最大負載 20T max loading 20T
LDC170 重載荷 Heavy loading		本體直徑 φ 195mm body diameter φ 195mm 最大行程2000mm.....P97 max stroke 2000mm.....P97 最大負載 30T max loading 30T	LDC180 重載荷 Heavy loading		本體直徑 φ 205mm body diameter φ 205mm 最大行程2000mm.....P102 max stroke 2000mm.....P102 最大負載 45T max loading 45T

備注：45T以上及特殊規格可聯系我司定制
Remarks: 45T and above and special specifications can contact our company for customization

electrialcylinderseries 電缸系列 04 OPTION
多節式電動缸
Multi-section electric cylinder

LMC2D120 LMT2D120 兩節同動式 電動缸		本體直徑 φ 120mm body diameter φ 120mm 最大行程1500mm.....P108 max stroke 1500mm.....P108 最大負載 200KG max loading 200KG	LMC2D145 LMT2D145 兩節同動式 電動缸		本體直徑 φ 145mm body diameter φ 145mm 最大行程2000mm.....P109 max stroke 2000mm.....P109 最大負載 500KG max loading 500KG
LMC2D160 LMT2D160 兩節同動式 電動缸		本體直徑 φ 160mm body diameter φ 160mm 最大行程2400mm.....P110 max stroke 2400mm.....P110 最大負載 1T max loading 1T	LMC2D200 LMT2D200 兩節同動式 電動缸		本體直徑 φ 200mm body diameter φ 200mm 最大行程2400mm.....P111 max stroke 2400mm.....P111 最大負載 3T max loading 3T
LMC2D220 LMT2D220 兩節同動式 電動缸		本體直徑 φ 220mm body diameter φ 220mm 最大行程2400mm.....P112 max stroke 2400mm.....P112 最大負載 5T max loading 5T	LMC2D270 LMT2D200 兩節同動式 電動缸		本體直徑 φ 270mm body diameter φ 270mm 最大行程2400mm.....P113 max stroke 2400mm.....P113 最大負載 7T max loading 7T
LMC2D310 LMT2D310 兩節同動式 電動缸		本體直徑 φ 300mm body diameter φ 300mm 最大行程2400mm.....P114 max stroke 2400mm.....P114 最大負載 10T max loading 10T	LMC3D200 三節同動式 電動缸		本體直徑 φ 200mm body diameter φ 200mm 最大行程2000mm.....P115 max stroke 2000mm.....P115 最大負載 200KG max loading 200KG
LMC3D220 三節同動式 電動缸		本體直徑 φ 220mm body diameter φ 220mm 最大行程2500mm.....P116 max stroke 2500mm.....P116 最大負載 500KG max loading 500KG	LMC3D250 三節同動式 電動缸		本體直徑 φ 250mm body diameter φ 250mm 最大行程2800mm.....P117 max stroke 2800mm.....P117 最大負載 1T max loading 1T
LMC3D270 三節同動式 電動缸		本體直徑 φ 270mm body diameter φ 270mm 最大行程3000mm.....P118 max stroke 3000mm.....P118 最大負載 3T max loading 3T	LMC3D310 三節同動式 電動缸		本體直徑 φ 310mm body diameter φ 310mm 最大行程3000mm.....P119 max stroke 3000mm.....P119 最大負載 5T max loading 5T

LMT3S系列 三節單動式 電動缸
说明:LMC表示滾珠丝杆式多节缸、LMT表示梯形丝杆式多节缸
Description: LMC means ball screw type multi-section cylinder, LMT means trapezoidal screw type multi-section cylinder

OPTION 05 壓機監控儀錶系統 Press monitoring instrument system
壓機監控儀錶系統
Press monitoring instrument system

PFA—日系 ……P124



PRF—歐系 …… P127



伺服電動缸原理

Principle of Advanced Version Servo Electric Cylinder

伺服電動缸是將伺服電機與傳動絲杆一體化設計的模塊化產品，將伺服電機的旋轉運動通過絲杆-螺母傳動副轉換成直綫運動，同時將伺服電機的特點：精確的轉數控制和精確的扭矩控制轉變成：精確的速度控制，精確的位置控制和精確的推力控制，是實現了高精度直綫運動控制的全新革命性產品，并廣泛應用在航天航空實驗測試，多自由度動感娛樂，多自由度精密加工，機器人，汽車制造設備，鋼鐵連鑄，石油化工，物料搬運，注塑機，模具控制，閥門控制，精密機床，制藥機械，食品工業等領域。

Servo CYLINDER principle: servo cylinder is the servo motor and screwintegrated design of modular products, the servo motor rotation motioninto linear motion, while the servo motor best advantages—precise speedcontrol, accurate rotation control, accurate torque control into—pre-cise speed control, precise position control, precise thrust control.It is a new revolutionary products to achieve high precision in linear motion series.It is widely applied in aerospace experimental testing, multi degree of freedom dynamic entertainment, multi—DOF precision machining,ro-botics, automotive manufacturing equipment, steel continuous casting,petrochemical, material transportation, injection molding machine, mold control, valve control, precision machine tools, pharmaceutica lmachinery, food and other fields etc.

■ 電機扭矩計算公式

Calculation formula of motor torque

電機轉矩

牛.米(N:m)

motor torque

=

9549X功率(KW)

轉數(例: 3000,2000)

revolution

■ 電動缸選型指南

Motor Selection Guide

電缸推力計算公式:

Formula for calculation of electric cylinder thrust

F推力

(KN) =

T(扭矩N:m) X效率(0.85) X2 π X減速比

Deceleration ratio

L導程(mm)

電缸額定速度計算:

Calculation of rated speed of electric cylinder

速度

mm/s (毫米/秒) =

電機轉數(轉/min)

60秒

X導程(毫米/mm)

Speed= motor revolution xLead range

減速機精度轉換電缸精度:

Precision conversion from reducer to electric cylinder

弧分(am)/60=角度(angle)

角度(angle) /360*2*3.14 =弧度(rad)

弧度(rad) *絲杆半徑(mm)=絲杆精度(mm)

thread rod Radius

thread rod accuracy

電動缸壽命計算

The electric cylinder of life calculation

L10= (Ca/Fm)³ × L

L10:電缸的壽命，單位Km

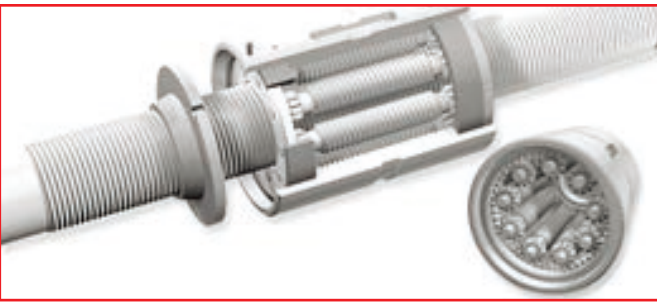
Fm：電動缸承受的平均負載，單位Kn

Ca：絲杆螺母的基本額定動負載，單位Kn（可通過絲杆樣本查出）

L：絲杆導程，單位：mm

■ 電缸產品內部結構對比

Internal Structure Comparison Of Electric Cylinder Products



	滾動體 Rolling Body	滾動體循環 運動方式 Cyclic motion mode	滾動體受力狀態 pressure	滾動體的離心力 Centrifugal force	純滾動比率 Pure rolling ratio
行星滾珠 絲杠副 planetary roller screwsMechanism	螺紋小滾柱 roller screw	螺紋小滾柱圍繞絲杠 軸心做行星運動 planetary rolling	滾動體受載面積大， 任何時候都同時受 載，無循環交變應力 always under pressure, no alternating pressure	高速運轉時會產生 較大離心力 heavy Centrifugal forcewhen high speed	很高 High
滾珠絲杠副 Ball Screw Mechanism	滾珠 ball screw	借助反向機構實現 循環滾動 rolling with reverse mechanism	滾動受載面積小，且 輪流受載，產生循環 交變應力 cyclic alternating pressure	高速運轉時會產 生較大離心力 heavy Centrifugal forcewhen high speed	較高（有時會產 生“楔效應” Relatively high

原理和結構的對比(如上圖所示)

A comparison of principle and structure (as shown in the figure above)

行星滾珠絲杠與滾珠絲杠的結構相似，區別在于行星滾珠絲杠載荷傳遞的元件為螺紋滾柱，而非滾珠。優勢在于有衆多的螺紋綫來支撐負載。

行星滾柱絲杠設計結構中的滾柱為非循環式，所以它的旋轉速度是滾珠絲杠的 2 倍。而滾珠絲杠的設計是滾珠為循環式，所以在高速旋轉時，滾珠會發生碰撞。

由于導程與行星滾珠絲杠的節距成函數關系，所以導程可以設計為整數或者小數。而滾珠絲杠的導程受到滾珠的直徑限制，因而導程將是標準的。

Planetary roller screw is a mechanical actuator similar to a ball screw that uses rollers as the load transfer elements between nut and screw instead of balls.

planetary roller screw is also known as the non—recirculating roller screw. The lack of axial movement of the roller relative to the nut, and the gearing of rollers to nut, are definitive of the standard type of roller screw.

The nut and screw have identical multiple—start threads. The rollers have a single—start thread with an angle matching the nut thread. The matched thread angle prevents axial movement between the nut and the roller as the rollers spin. The nut assembly includes spacer rings and ring gears that position and guide the rollers

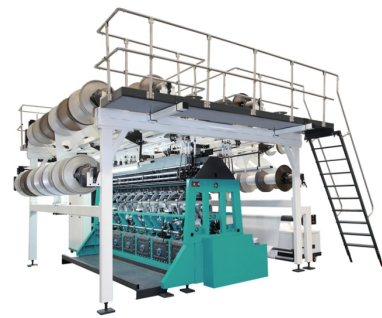
Ball screw is a mechanical linear actuator that translates rotational motion to linear motion with little friction. A threaded shaft provides a helical raceway for ball bearings which act as a precision screw. As well as being able to apply or withstand high thrust loads, they can do so with minimum internal friction. They are made to close tolerances and are therefore suitable for use in situations in which high precision is necessary. The ball assembly acts as the nut while the threaded shaft is the screw.

伺服電動缸應用案例

Servo Electric Cylinder Application Case



電動工具
Electrical tools



紡織經編行業
Textile warp knitting industry



非標專機
Non-standard special plane



灌裝機行業
Filling machine industry



石油行業
Oil industry



模擬賽車
Sim racing



模擬仿真平臺
Simulation platform



中空成型機
Blow molding machine

305D :
出料
905Q :
正面 側面 出料 機械手 輸送帶 樣品
1005D :
正面 出料 測漏 機械手 機械手與輸送帶 輸送帶
1005O :
出料 機械手
705Q :
正面 出料
905H :
正面 正面吹瓶 測漏 輸送帶
1005Q :
正面 出料 測漏 貼標過程 貼標完成



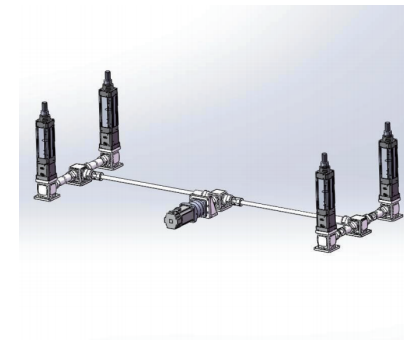
汽車行業
Automobile industry
pages 05



汽車行業
Automobile industry



汽車行業
Automobile industry



升降平臺
Lifting platform



石油行業設備
Petroleum industry equipment



食品行業
Food Industry



軸承壓裝行業
Bearing Press Fitting Industry



線束纜纜行業
Wire harness and cable industry



祇能物流產綫
Only logistics line



伺服電動壓機
Servo Electric Press



鋰電池清洗行業
Lithium battery cleaning industry



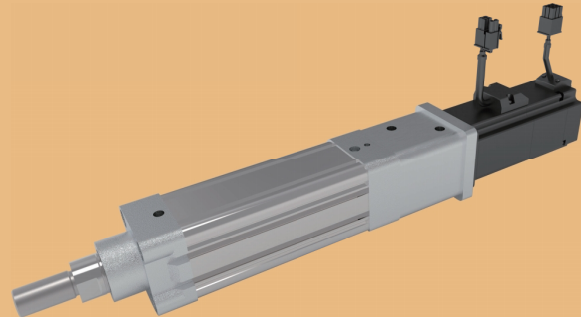
鋰電池行業
Lithium battery industry

■ 型號表示

Model representation

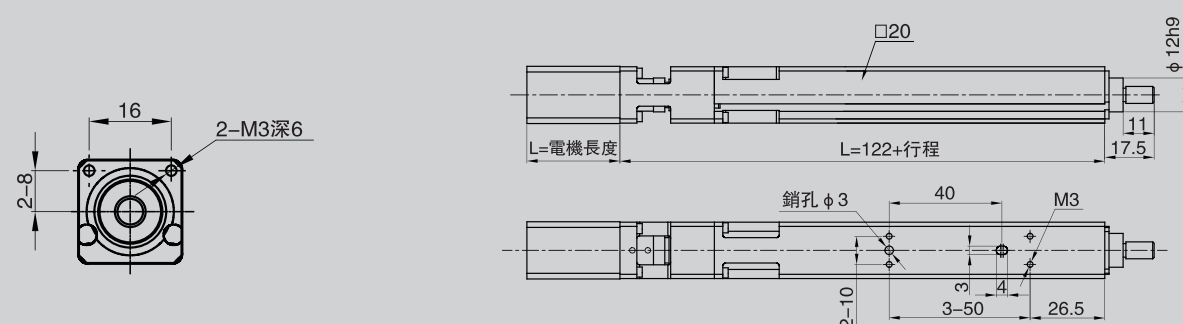
Model representation

系列型號	行程	精度等級	導程	馬達安裝方式	安裝方式	前端接頭	電機品牌	限位開關
Model	stroke	Accuracy grade	Lead range	motor Installation type	Installation mode	Connection		limit switch
C: 轉造C7		2	D-直接安裝	FA-前法蘭	A-外螺紋	Z-客戶自配電機	2項步進20	B-帶剎車
C:Transformation of C7			D-Direct	FA-Front Flange	A-Male thread	Z-Customer own motor	2 items step by 20	B-With brake
P: 研磨C5			P-間接安裝	LA-側面	B-內螺紋	無-我司配電機	2項步進28	無-無剎車
P:GrindingC5			P-Transit	LA-Side	B-Female thread	NO-Our company with motor	2 items step by 28	NO-No brake
					Y-Y型鉸鏈			T1=1個
					Y-Y hinge			T1=1 pcs
					J-關節軸承			T2=2個
					J-Joint Bearin			T2=2 Pcs
								T3=3個
								T3=3 pcs



馬達出力 (W) Motor Power(W)	20步進	28步進
傳動方式 Driving Mode	滾珠螺杆傳動 φ 6 Ball screw drive φ 6	
重復定位精度 (mm) Repositioning Accuracy(mm)	± 0.01	
螺杆導程pitch(mm) Thread pitch(mm)	2	2
最高速度 (mm/sec) Max Speed(mm/sec)	30	30
額定推力 (N) Rated Thrust (N)	63	63
有效行程 (mm) Effective Stroke(mm)	50和100	
sensor 感應器 sensor	電子式磁性開關*3 solenoid switch*3	

LOE10 直連前端蓋/側面安裝
LOE10 Directly connected to the front cover/side mounting



有效行程(mm) Stroke	標準行程 Standard stroke	
	50	100
重量(KG) Weight	0.24	0.34
備注：行程每增加10mm重量增加0.01KG weight increases 0.01kg for ever increase 10mm in stroke		

Technical drawing of the SMC SMD Series 5-Port Solenoid Valve, showing front and side views with dimensions.

Front View Dimensions:

- Overall Width: 35
- Port Width: 2-28
- Overall Height: 20
- Port Height: 2-14
- Number of Holes: 4- $\phi 3.3$

Side View Dimensions:

- Motor Length: L=電機長度
- Valve Body Length: L=127+行程
- Mounting Flange Width: 5
- Threaded Port Diameter: $\phi 1/2$ NPT
- Port Height: 11
- Port Width: 12.5

有效行程(mm) Stroke	標準行程 Standard stroke	
	50	100
重量(KG)Weight	0.25	0.35
備注：行程每增加10mm重量增加0.01KG weight increases 0.01kg for ever increase 10mm in stroke		

有效行程 (mm) Stroke	標準行程 Standard stroke	
	50	100
重量 (KG) Weight	0.34	0.44
備注: 行程每增加10mm重量增加0.01KG weight increases 0.01kg for ever increase 10mm in stroke		

[illegible]

有效行程(mm) Stroke	標準行程 Standard stroke	
	50	100
重量(KG) Weight	0.35	0.45
備注：行程每增加10mm重量增加0.01KG weight increases 0.01kg for ever increase 10mm in stroke		

歐式輕型電動缸

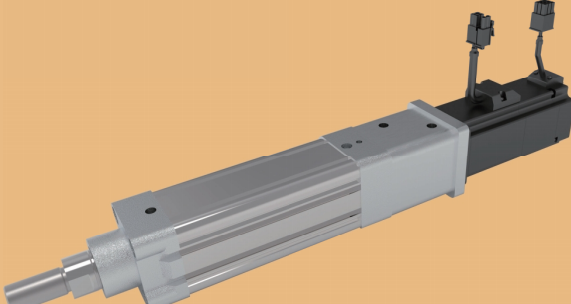
European type light electrical Cylinde

型號表示

Model representation

LOE16- 100 - C - L2.5 - D - □ - A - Z - 0 400W - B - T 3

系列型號	行程	精度等級	導程	馬達安裝方式	安裝方式	前端接頭	電機品牌	限位開關		
Model	stroke	Accuracy grade	Lead range	motor Installation type	Installation mode	Connection	Motor brand	limit switch		
		C：轉造C7 C:Transformation of C7 P：研磨C5 P:GrindingC5	2.5	D—直接安裝 D—Direct P—間接安裝 P—Transit	FA—前法蘭 FA—Front Flange FB—後法蘭 FB—Back Flange TC—耳軸 TC—Trunnion LA—側面 LA—Side FG—前導向 FG—Front orientation CA—單耳環 CA—Single ring CB—雙耳環 CB—double Ring	A—外螺紋 A—Male thread B—內螺紋 B—Female thread Y—Y型鉸鏈 Y—Y hinge J—關節軸承 J—Joint Bearin	Z—客戶自配電機 Z—Customer own motor 無—我司配電機 NO—Our company with motor	LZ—倫茨 LZ—Lenze PF—倍福 PF—BECKHOFF SM—西門子 SM—Siemens P—松下 P—Panasonic M—三菱 M—Mitsubishi Y—安川 Y—yaskawa T—臺達 T—delta O—其他 O—Others	B—帶剎車 B—With brake 無—無剎車 NO—No brake	T1=1個 T1=1 pcs T2=2個 T2=2 Pcs T3=3個 T3=3 pcs



馬達出力 (W)	28步進		28步進
Motor Power(W)			
額定扭矩N.m	0.07		0.1
Rated torqueN.m			
傳動方式	滾珠螺桿C7轉造\滾珠螺桿C5研磨(默認為C7)		
Driving Mode	ball screw C7 rolled ball screw C5 grinding(default C7)		
重複定位精度 (mm)	± 0.02/± 0.01		
Repositioning Accuracy(mm)			
螺桿導程pitch(mm)	2.5	2.5	
Thread pitch(mm)			
最高速度 (mm/sec)	25	25	
Max Speed(mm/sec)			
額定推力 (N)	149	200	
Rated Thrust (N)			
有效行程 (mm)	2-200		
Effective Stroke(mm)			
sensor 感應器	電子式磁性開關*3		
sensor	solenoid switch*3		

前端連接方式

Front end connection mode

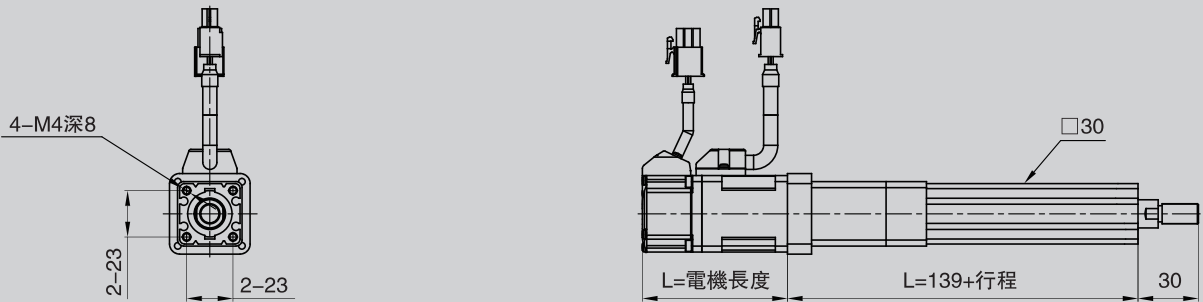
外螺紋 Male	內螺紋 Female	關節軸承 joint bearing	Y型鉸鏈 Yhinge

直綫式

Linear Cylinder

LOE16 直連前端蓋安裝

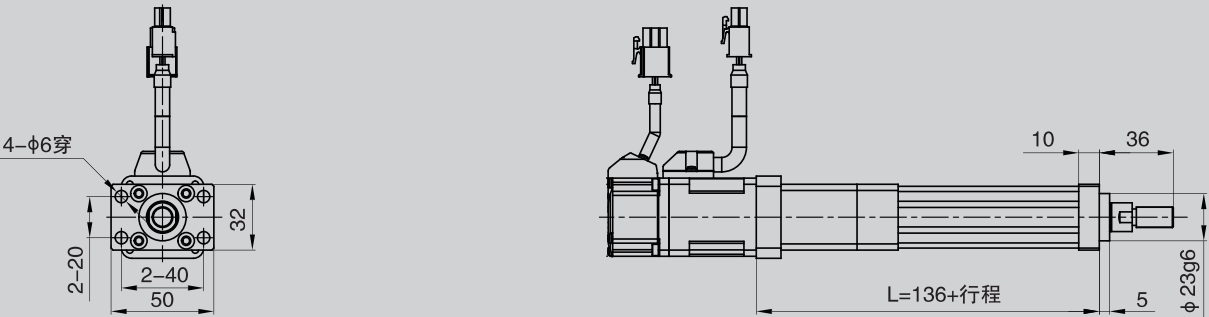
LOE16 Direct Front Cap Installation



有效行程(mm)	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
Stroke	50	100	150	200	250	300	350	400	450	500
重量(KG)Weight	0.55	0.6	0.65	0.7	0.75	0.8	0.85	0.9	0.95	1
備注: 行程每增加10mm重量增加0.01KG weight increases 0.01kg for every increase 10mm in stroke										

LOE16 直連前法蘭安裝-FA

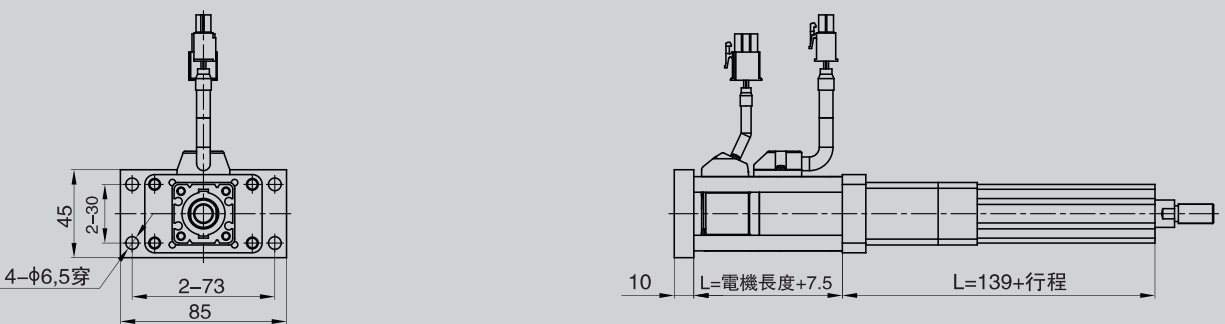
LOE16 Direct Front Flange Installation-FA



有效行程(mm)	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
Stroke	50	100	150	200	250	300	350	400	450	500
重量(KG)Weight	0.53	0.58	0.63	0.68	0.73	0.78	0.83	0.88	0.93	0.98
備注: 行程每增加10mm重量增加0.01KG weight increases 0.01kg for every increase 10mm in stroke										

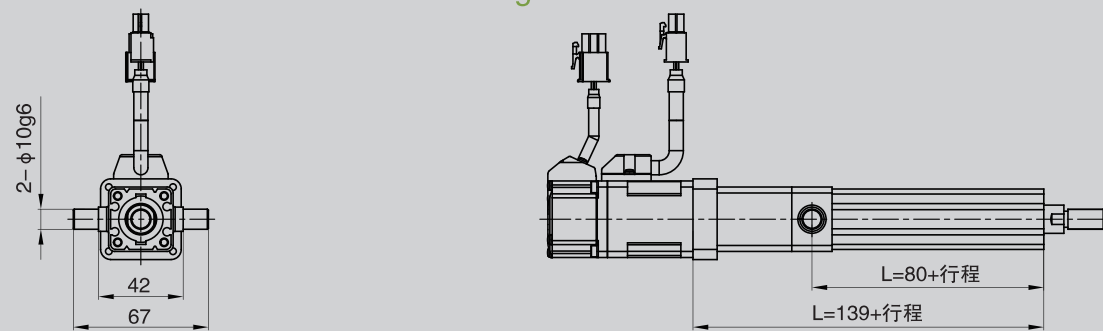
LOE16 直連後法蘭安裝-FB

LOE16 Direct Back Flange Installation-FB



有效行程(mm)	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
Stroke	50	100	150	200	250	300	350	400	450	500
重量(KG)Weight	0.68	0.73	0.78	0.83	0.88	0.93	0.98	1.03	1.08	1.13
備注: 行程每增加10mm重量增加0.01KG weight increases 0.01kg for every increase 10mm in stroke										

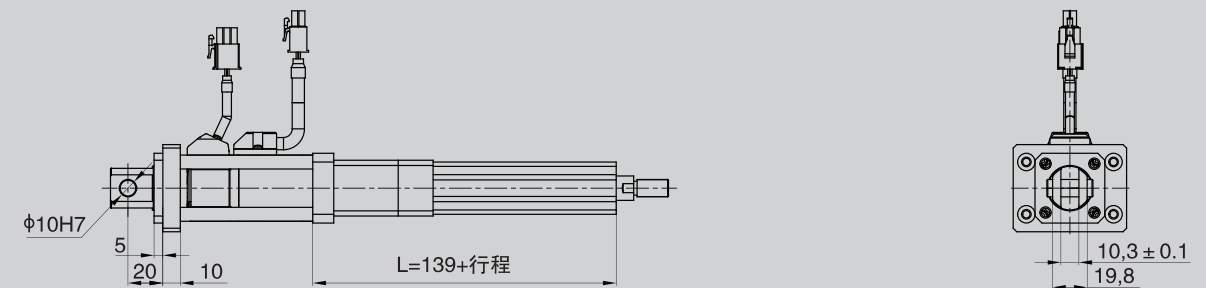
LOE16 直連耳軸安裝-TC
LOE16 Direct Connecting Trunnion Installation-TC



有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG)Weight	0.56	0.61	0.66	0.71	0.76	0.81	0.86	0.91	0.96	1.01

備注：行程每增加10mm重量增加0.01KG weight increases 0.01kg for every increase 10mm in stroke

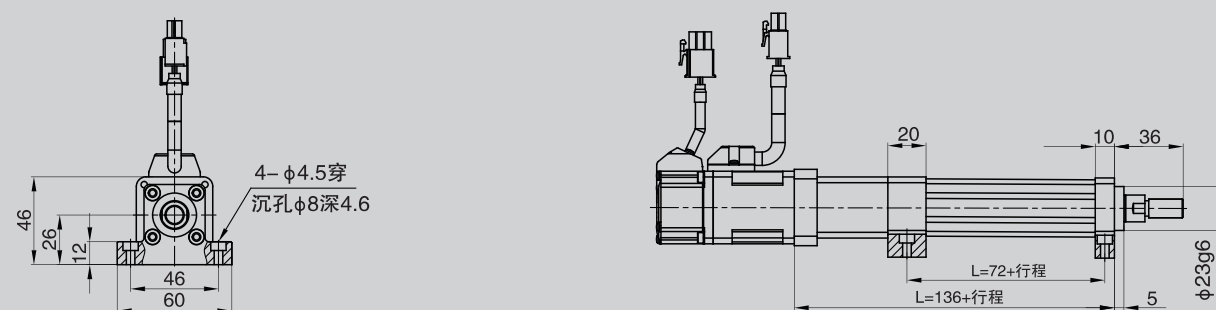
LOE16 直連尾絞CB安裝
LOE16 Direct tail twisted CB Installation



有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG)Weight	0.71	0.76	0.81	0.86	0.91	0.96	1.01	1.06	1.11	1.16

備注：行程每增加10mm重量增加0.01KG weight increases 0.01kg for every increase 10mm in stroke

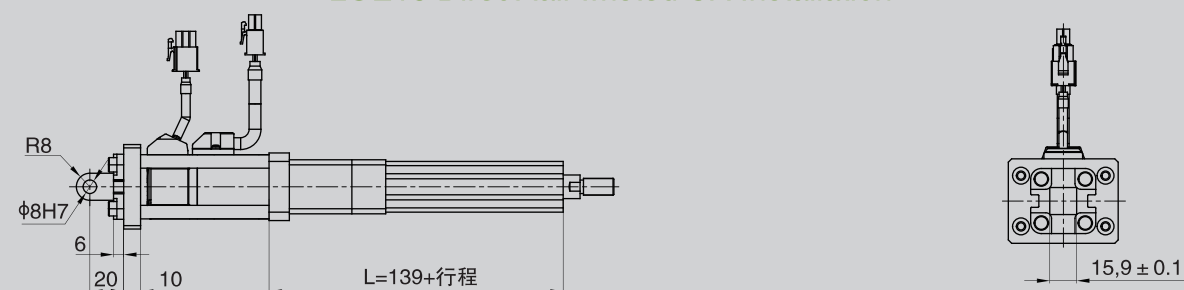
LOE16 直連側面安裝-LA
LOE16 Direct Side Installation-LA



有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG)Weight	0.57	0.62	0.67	0.72	0.77	0.82	0.87	0.92	0.97	1.02

備注：行程每增加10mm重量增加0.01KG weight increases 0.01kg for every increase 10mm in stroke

LOE16 直連尾絞CA安裝
LOE16 Direct tail twisted CA Installation



有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG)Weight	0.71	0.76	0.81	0.86	0.91	0.96	1.01	1.06	1.11	1.16

備注：行程每增加10mm重量增加0.01KG weight increases 0.01kg for every increase 10mm in stroke

轉折式
Transition Type

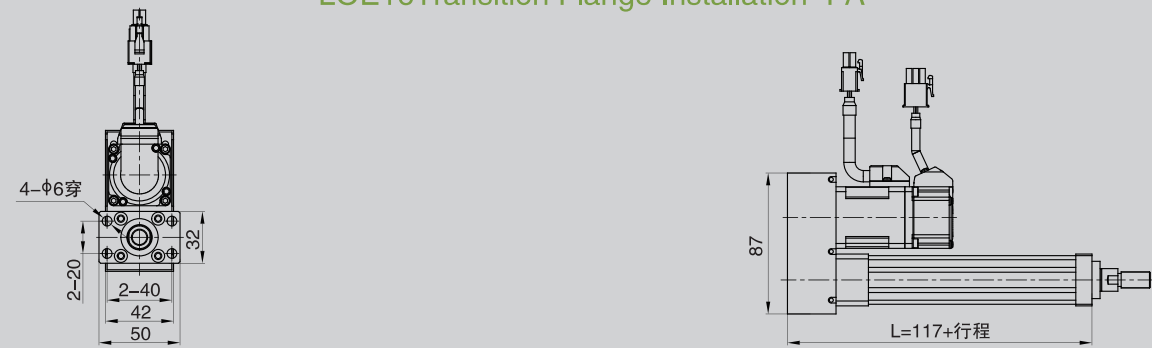
LOE16轉折前端蓋安裝
LOE16Transition Front Cap Installation



有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG)Weight	0.7	0.75	0.8	0.85	0.9	0.95	1	1.05	1.1	1.15

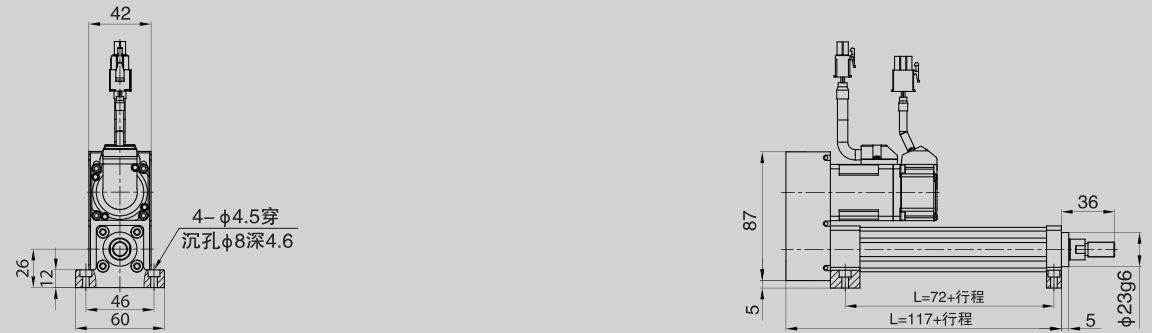
備注：行程每增加10mm重量增加0.01KG weight increases 0.01kg for every increase 10mm in stroke

LOE16轉折前法蘭安裝-FA
LOE16Transition Flange Installation-FA



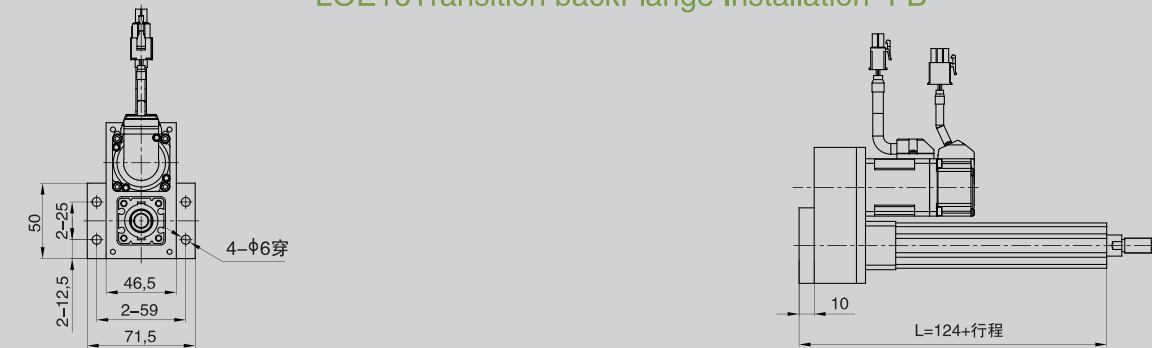
有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG)Weight	0.68	0.73	0.78	0.83	0.88	0.93	0.98	1.03	1.08	1.13
備注：行程每增加10mm重量增加0.01KG weight increases 0.01kg for every increase 10mm in stroke										

LOE16轉折側面安裝-LA
LOE16Transition Side Installation-LA



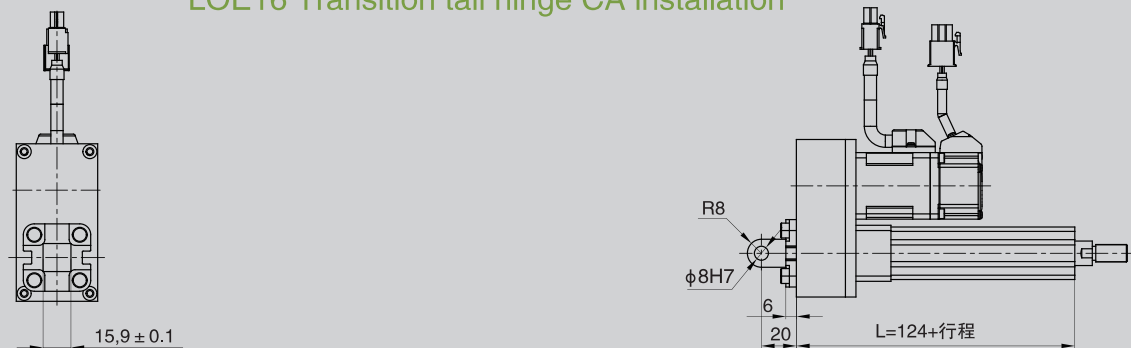
有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG)Weight	0.72	0.77	0.82	0.87	0.92	0.97	1.02	1.07	1.12	1.17
備注：行程每增加10mm重量增加0.01KG weight increases 0.01kg for every increase 10mm in stroke										

LOE16轉折後法蘭安裝-FB
LOE16Transition backFlange Installation-FB



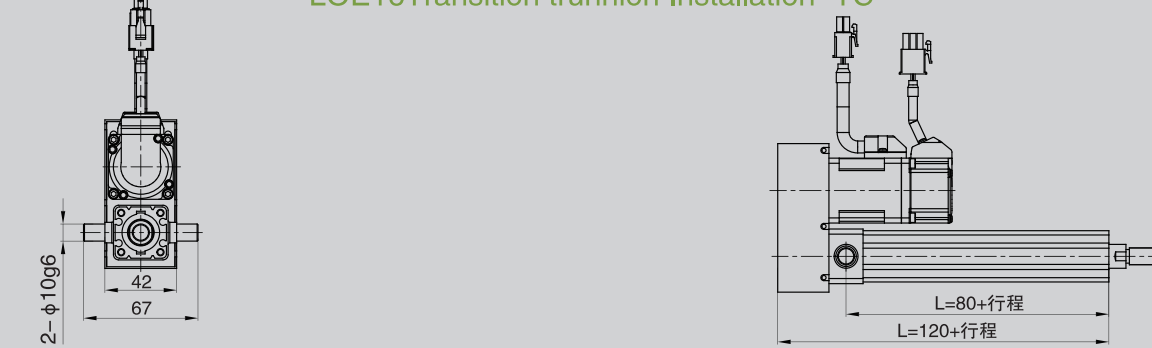
有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG)Weight	0.9	0.95	1	1.05	1.1	1.15	1.2	1.25	1.3	1.35
備注：行程每增加10mm重量增加0.01KG weight increases 0.01kg for every increase 10mm in stroke										

LOE16 轉折尾鉸CA安裝
LOE16 Transition tail hinge CA installation



有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG)Weight	0.89	0.94	0.99	1.04	1.09	1.14	1.19	1.24	1.29	1.34
備注：行程每增加10mm重量增加0.01KG weight increases 0.01kg for every increase 10mm in stroke										

LOE16轉折耳軸安裝-TC
LOE16Transition trunnion Installation-TC



有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG)Weight	0.71	0.76	0.81	0.86	0.91	0.96	1.01	1.06	1.11	1.16
備注：行程每增加10mm重量增加0.01KG weight increases 0.01kg for every increase 10mm in stroke										

LOE16 轉折尾鉸CB安裝
LOE16 Transition tail hinge CB installation



有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG)Weight	0.89	0.94	0.99	1.04	1.09	1.14	1.19	1.24	1.29	1.34
備注：行程每增加10mm重量增加0.01KG weight increases 0.01kg for every increase 10mm in stroke										

歐式輕型電動缸

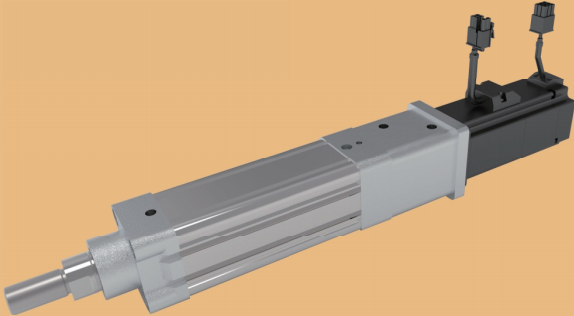
European type light electrical Cylinde

型號表示

Model representation

LOE25-100-C-L04-D-□-A-Z-0100W-B-T3

系列型號 Model	行程 stroke	精度等級 Accuracy grade C: 轉造C7 C:Transformation of C7 P: 研磨C5 P:GrindingC5	導程 Lead range 04	馬達安裝方式 motor Installation type D-直接安裝 P-間接安裝 P-Transit	安裝方式 Installation mode FA-前法蘭 FA-Front Flange FB-後法蘭 FB-Back Flange TC-耳軸 TC-Trunnion LA-側面 LA-Side FG-前導向 FG-Front orientation CA-單耳環 CA-Single ring CB-雙耳環 CB-double Ring	前端接頭 Connection A-外螺紋 A-Male thread B-內螺紋 B-Female thread Y-Y型鉸鏈 Y-Y hinge J-關節軸承 J-Joint Bearin	電機品牌 Motor brand LZ-倫茨 LZ- Lenze PF-倍福 PF-BECKHOFF SM-西門子 SM-Siemens P-鬆下 P-Panasonic M-三菱 M-Mitsubishi Y-安川 Y-yaskawa T-臺達 T-delta O-其他 O-Others	限位開關 limit switch T1=1個 T1=1 pc T2=2個 T2=2 Pcs T3=3個 T3=3 pcs
Z-客戶自配電機 Z-Customer own motor 無-我司配電機 NO-Our company with motor								



馬達出力 (W) Motor Power(W)	50W	100W
額定扭矩N.m Rated torqueN.m	0.16	0.32
傳動方式 Driving Mode	滾珠螺桿C7轉造\滾珠螺桿C5研磨(默認為C7) ball screw C7 rolled ball screw C5 granding(default C7)	
重復定位精度 (mm) Repositioning Accuracy(mm)	± 0.02/±0.01	
螺桿導程pitch(mm) Thread pitch(mm)	4	4
最高速度 (mm/sec) Max Speed(mm/sec)	200	200
額定推力 (N) Rated Thrust (N)	214	427
有效行程 (mm) Effective Stroke(mm)	10-400	
sensor 感應器 sensor	電子式磁性開關*3 solenoid switch*3	

前端連接方式

Front end connection mode

外螺紋 Male	內螺紋 Female	關節軸承 joint bearing	Y型鉸鏈 Yhinge

直線式

Linear Cylinder

LOE25直連前端蓋安裝

LOE25 Direct Front Cap Installation

有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG)Weight	1.42	1.57	1.72	1.87	2.02	2.17	2.32	2.47	2.62	2.77
備注: 行程每增加10mm重量增加0.03KG weight increases 0.03kg for every increase 10mm in stroke										

LOE25直連前法蘭安裝-FA

LOE25 DirectFront Flange Installation-FA

有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke				
	50	100	150	200	250	300	350	400	450	500	
重量(KG)Weight	1.44	1.59	1.74	1.89	2.04	2.19	2.34	2.49	2.64	2.79	

備注: 行程每增加10mm重量增加0.03KG weight increases 0.03kg for every increase 10mm in stroke

LOE25直連後法蘭安裝-FB

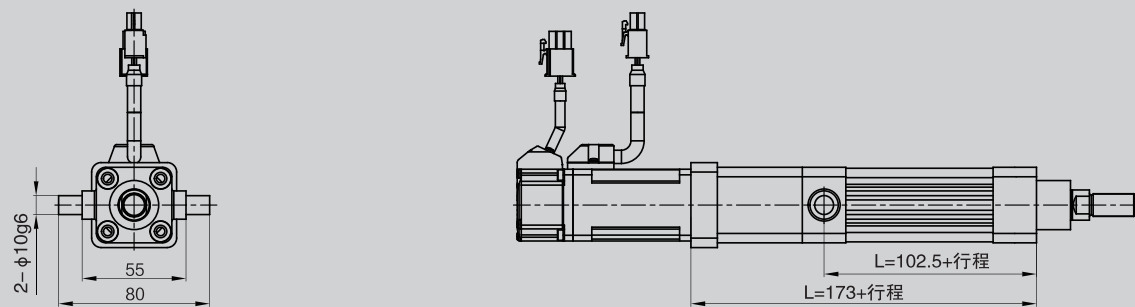
LOE25 Direct Back Flange Installation-FB

Technical drawing of the LOE25 Direct Back Flange Installation. The front view shows a square flange with a central circular feature and four mounting holes. Dimensions include a total width of 95, a central hole diameter of 2-80, and a mounting hole diameter of 4-φ7穿. The side view shows the flange thickness of 45 and a mounting hole offset of 2-30.

Technical drawing of the LOE25 Direct Back Flange Installation. The side view shows the motor and flange assembly with dimensions 12, L=电机长度+7.5, and L=173+行程. The front view shows the flange with dimensions 95, 2-80, and 4-φ7穿.

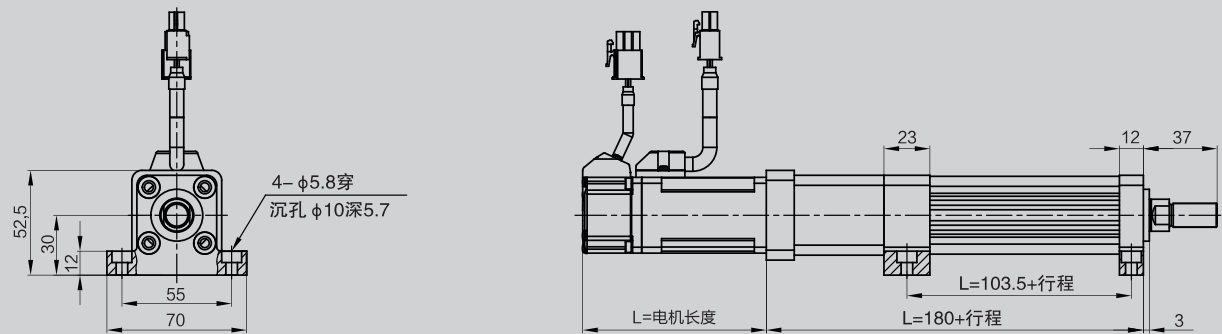
有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG)Weight	1.83	1.98	1.13	1.28	2.43	2.58	2.73	2.88	3.03	3.18
備注: 行程每增加10mm重量增加0.03KG weight increases 0.03kg for every increase 10mm in stroke										

LOE25直連耳軸安裝-TC
LOE25 Direct trunnion Installation -TC



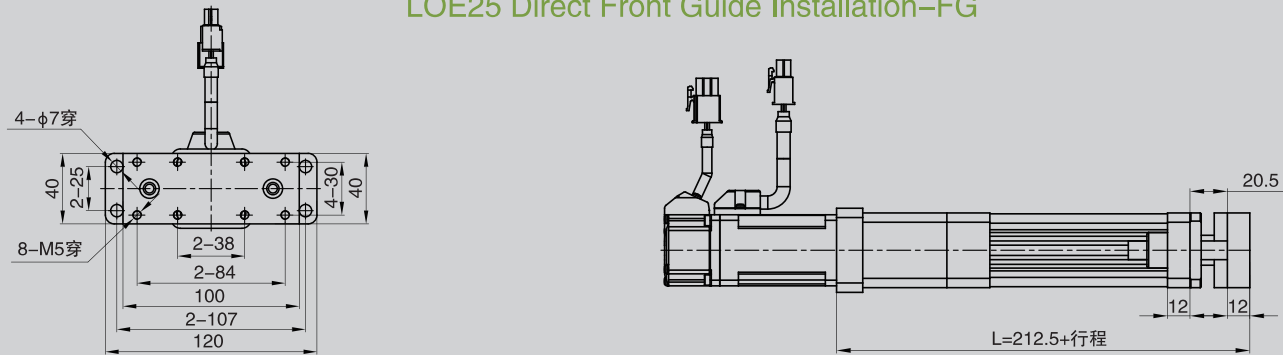
有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG) Weight	1.43	1.58	1.73	1.88	2.03	2.18	2.33	2.48	2.63	2.78
備注：行程每增加10mm重量增加0.03KG weight increases 0.03kg for every increase 10mm in stroke										

LOE25直連側面安裝-LA
LOE25 Direct Side Installation-LA



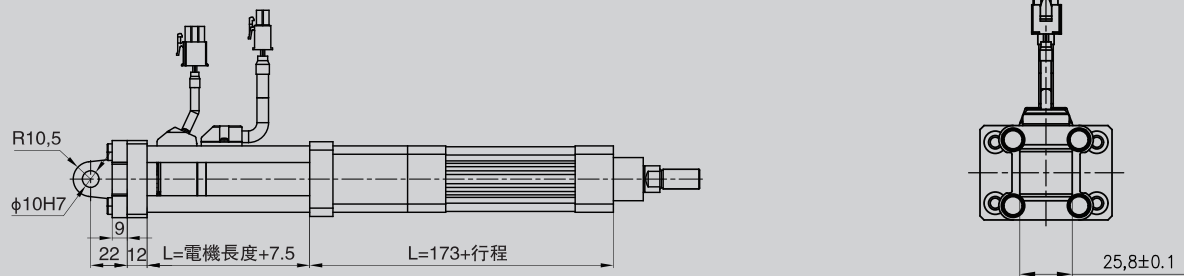
有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG) Weight	1.47	1.62	1.77	1.92	2.07	2.22	2.37	2.52	2.67	2.82
備注：行程每增加10mm重量增加0.03KG weight increases 0.03kg for every increase 10mm in stroke										

LOE25直連前導向安裝-FG
LOE25 Direct Front Guide Installation-FG



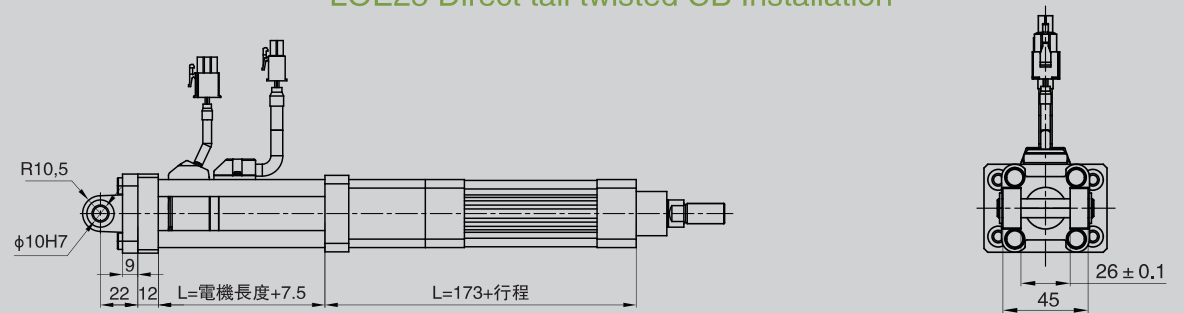
有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG) Weight	1.42	1.57	1.72	1.87	2.02	2.17	2.32	2.47	2.62	2.77
備注：行程每增加10mm重量增加0.04KG weight increases 0.04kg for every increase 10mm in stroke										

LOE25 直連尾絞CA安裝
LOE25 Direct tail twisted CA Installation



有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG) Weight	2.08	2.23	2.38	2.53	2.68	2.83	2.98	3.13	3.28	3.43
備注：行程每增加10mm重量增加0.03KG weight increases 0.03kg for every increase 10mm in stroke										

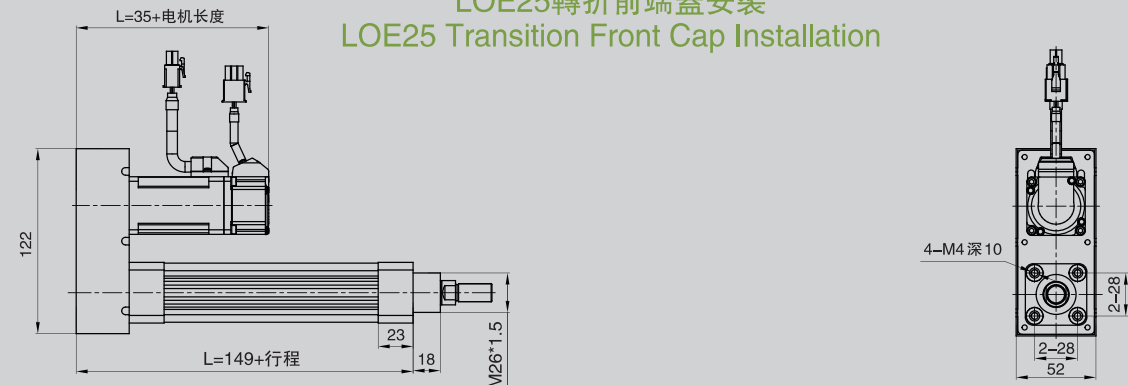
LOE25 直連尾絞CB安裝
LOE25 Direct tail twisted CB Installation



有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG) Weight	2.05	2.2	2.35	2.5	2.65	2.8	2.95	3.1	3.25	3.4
備注：行程每增加10mm重量增加0.03KG weight increases 0.03kg for every increase 10mm in stroke										

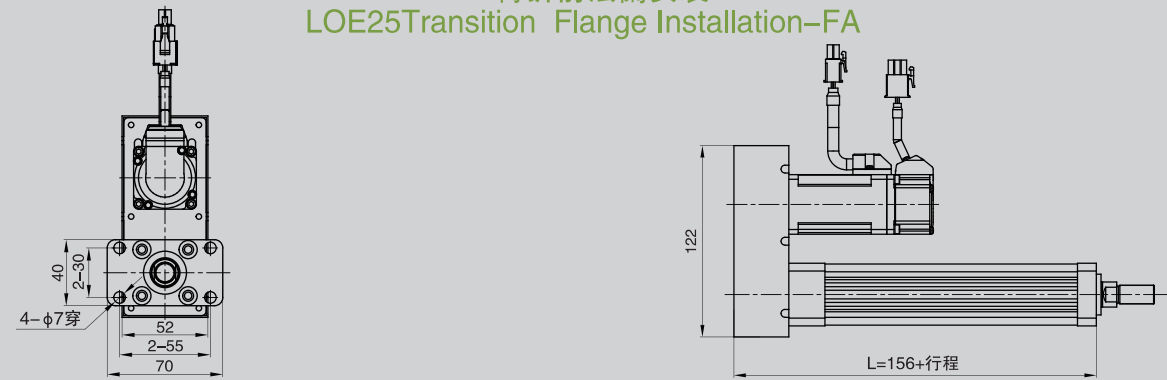
轉折式
Transition Type

LOE25轉折前端蓋安裝
LOE25 Transition Front Cap Installation



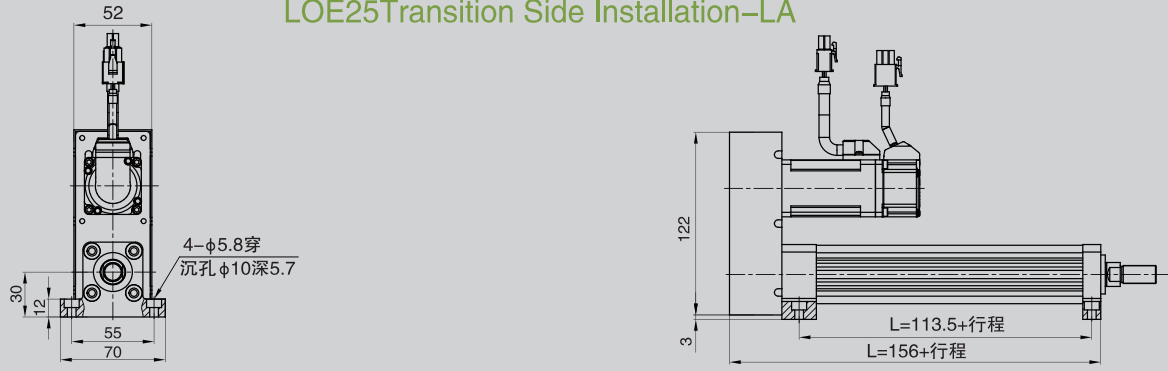
有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG) Weight	1.48	1.63	1.78	1.93	2.08	2.23	2.38	2.53	2.68	2.83
備注：行程每增加10mm重量增加0.03KG weight increases 0.03kg for every increase 10mm in stroke										

LOE25轉折前法蘭安裝-FA
LOE25Transition Flange Installation-FA



有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG) Weight	1.5	1.65	1.8	1.95	2.1	2.25	2.4	2.55	2.7	2.85
備注：行程每增加10mm重量增加0.03KG weight increases 0.03kg for every increase 10mm in stroke										

LOE25轉折側面安裝-LA
LOE25Transition Side Installation-LA



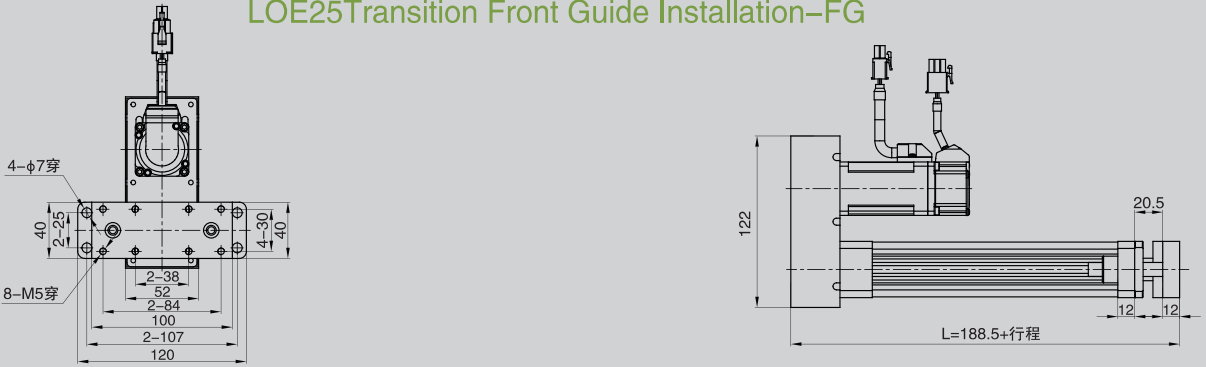
有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG) Weight	1.53	1.68	1.83	1.98	2.13	2.28	2.43	2.58	2.73	2.88
備注：行程每增加10mm重量增加0.03KG weight increases 0.03kg for every increase 10mm in stroke										

LOE25轉折後法蘭安裝-FB
LOE25 Transition backFlange Installation-FB



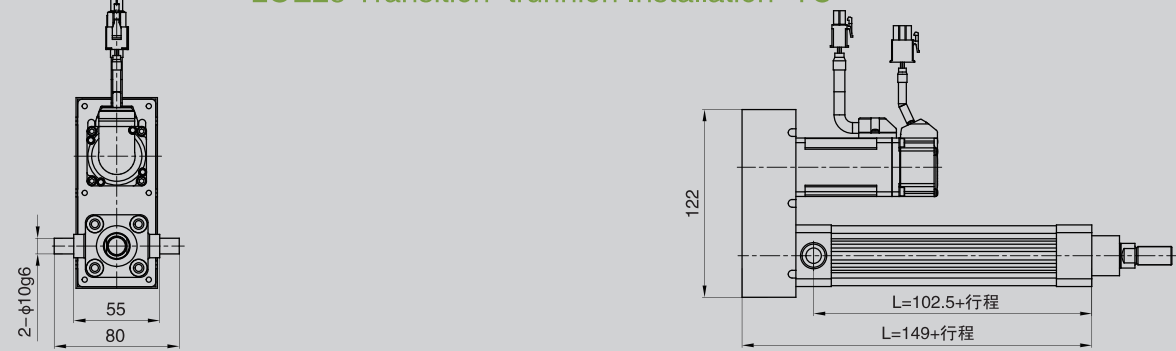
有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG) Weight	1.84	1.99	2.14	2.29	2.44	2.59	2.74	2.89	3.04	3.19
備注：行程每增加10mm重量增加0.03KG weight increases 0.03kg for every increase 10mm in stroke										

LOE25轉折前導向安裝-FG
LOE25Transition Front Guide Installation-FG



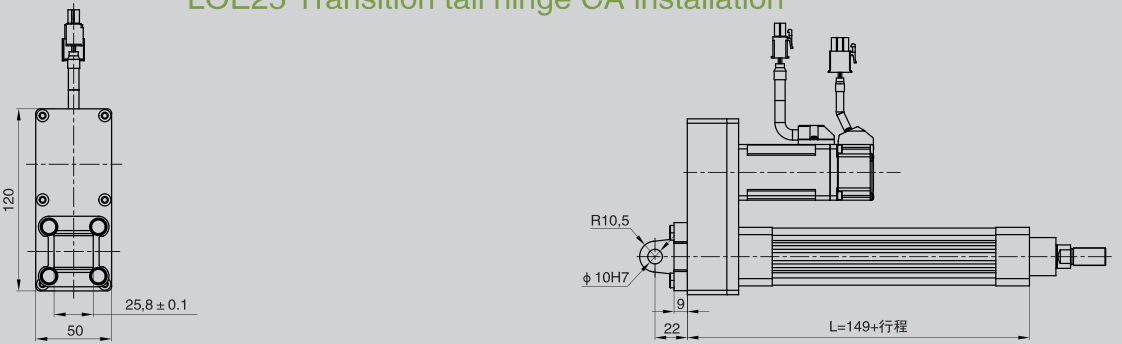
有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG) Weight	1.98	2.18	2.38	2.58	2.78	2.98	3.18	3.38	3.58	3.78
備注：行程每增加10mm重量增加0.04KG weight increases 0.03kg for every increase 10mm in stroke										

LOE25轉折耳軸安裝-TC
LOE25 Transition trunnion Installation-TC



有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG) Weight	1.49	1.65	1.79	1.94	2.09	2.24	2.39	2.54	2.69	2.84
備注：行程每增加10mm重量增加0.03KG weight increases 0.03kg for every increase 10mm in stroke										

LOE25 轉折尾鉸CA安裝
LOE25 Transition tail hinge CA installation



有效行程(mm) Stroke	標準行程 Standard stroke						容許行程(超細長比) Allowable stroke			
	50	100	150	200	250	300	350	400	450	500
重量(KG) Weight	1.96	2.11	2.26	2.41	2.56	2.71	2.86	3.01	3.16	3.31
備注：行程每增加10mm重量增加0.03KG weight increases 0.03kg for every increase 10mm in stroke										

歐式輕型電動缸

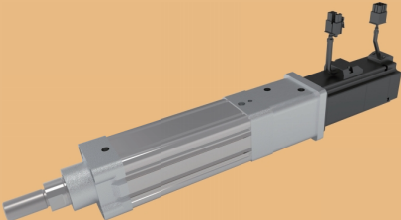
European type light electrical Cylinde

型號表示

Model representation

LOE40-100-C-L10-D-□-A-Z-0400W-B-JS□-T3

系列型號 Model	行程 stroke	精度等級 Accuracy grade	導程 Lead range	馬達安裝方式 motor installation type	安裝方式 Installation mode	前端接頭 Connection	電機品牌 Motor brand	速比 Ratio	限位開關 limit switch
		C: 轉造C7 C:Transformation of C7	5	D-直接安裝 D-Direct	FA-前法蘭 FA-Front Flange	A-外螺紋 A-Male thread	Z-客戶自配電機 Z-Customer own motor	無 NO	T1=1個
		P: 研磨C5 P:GrindingC5	10	P-間接安裝 P-Transit	FB-後法蘭 FB-Back Flange	B-內螺紋 B-Female thread	無-我司配電機 NO-Our company with motor	3	T2=2個
					TC-耳軸 TC-Trunnion	Y-Y型鉸鏈 Y-Y hinge	PF-倍福 PF-BECKHOFF	4	T3=3個
					LA-側面 LA-Side	J-關節軸承 J-Joint Bearin	SM-西門子 SM-Siemens	5	
					FG-前導向 FG-Front orientation		P-鬆下 P-Panisonic	7	
					CA-單耳環 CA-Single ring		M-三菱 M-Mitsubishi	10	
					CB-雙耳環 CB-double Ring		Y-安川 Y-yaskawa		
							T-臺達 T-delta		
							O-其他 O-Others		



馬達出力 (W) Motor Power(W)	200W		400W	
額定扭矩N.m Rated torqueN.m	0.64		1.27	
傳動方式 Driving Mode	滾珠螺桿C7轉造\滾珠螺桿C5研磨(默認為C7) ball screw C7 rolled ball screw C5 grinding(default C7)			
重復定位精度 (mm) Repositioning Accuracy(mm)	± 0.02/±0.01			
螺桿導程pitch(mm) Thread pitch(mm)	5	10	5	10
額定速度 (mm/sec) /減速 Max Speed(mm/sec)	250(1:1)	500(1:1)·167(3:1)	250(1:1)	500(1:1)
額定推力 (N) /減速比 rated thrust (N)	683(1:1)	342(1:1)·1026(3:1)	1360(1:1)	680(1:1)
有效行程 (mm) Effective Stroke(mm)	10—600			
sensor 感應器 sensor	電子式磁性開關*3 solenoid switch*3			

前端連接方式

Front end connection mode

外螺紋 Male	內螺紋 Female	關節軸承 joint bearing	Y型鉸鏈 Yhinge

直線式

Linear Cylinder

LOE40直連前端蓋安裝
LOE40 Direct Front Cap Installation

有效行程(mm) Stroke	標準行程 Standard stroke											
	50	100	150	200	250	300	350	400	450	500	550	600
重量(KG)Weight	2.62	2.87	3.12	3.37	3.62	3.87	4.12	4.37	4.62	4.87	5.12	5.37
備注：行程每增加10mm重量增加0.05KG weight increases 0.05kg for every increase 10mm in stroke												

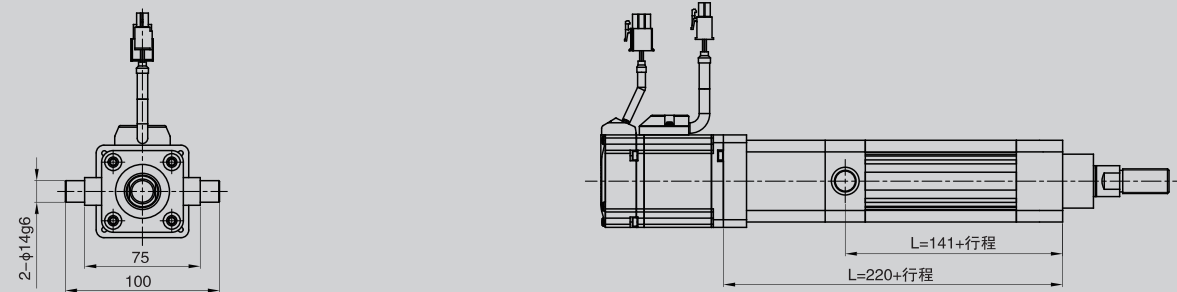
LOE40直連前法蘭安裝-FA LOE40 DirectFront Flange Installation-FA

有效行程(mm) Stroke	標準行程 Standard stroke											
	50	100	150	200	250	300	350	400	450	500	550	600
重量(KG)Weight	2.59	2.84	3.09	3.34	3.59	3.84	4.09	4.34	4.59	4.84	5.09	5.34
備注：行程每增加10mm重量增加0.05KG weight increases 0.05kg for every increase 10mm in stroke												

LOE40直連後法蘭安裝-FB LOE40 Direct Back Flange Installation-FB

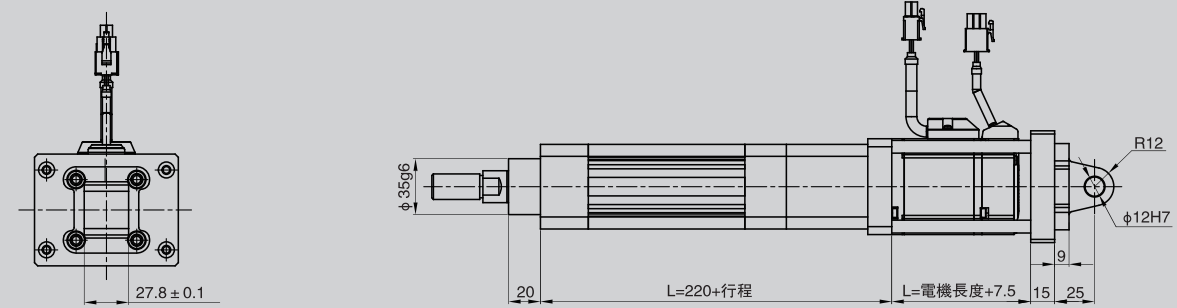
有效行程(mm) Stroke	標準行程 Standard stroke	50	100	150	200	250	300	350	400	450	500	550	600
重量(KG)Weight	3.17	3.42	3.67	3.92	4.17	4.42	4.67	4.92	5.17	5.42	5.67	5.92	
備注：行程每增加10mm重量增加0.05KG	weight increases 0.05kg for every increase 10mm in stroke												

LOE40直連耳軸安裝-TC
LOE40 Direct trunnion Installation-TC



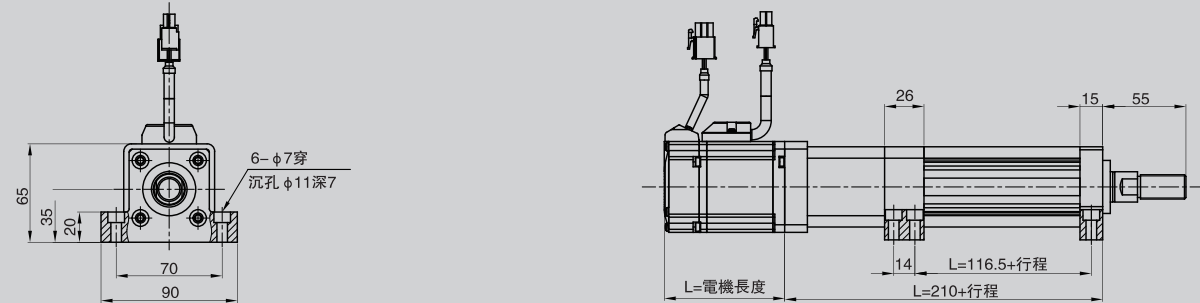
有效行程(mm) Stroke	標準行程 Standard stroke											
	50	100	150	200	250	300	350	400	450	500	550	600
重量(KG)Weight	2.65	2.9	3.15	3.4	3.65	3.9	4.15	4.4	4.65	4.9	5.15	5.4
備注：行程每增加10mm重量增加0.05KG weight increases 0.05kg for every increase 10mm in stroke												

LOE40 直連尾絞CA安裝
LOE40 Direct tail twisted CA Installation



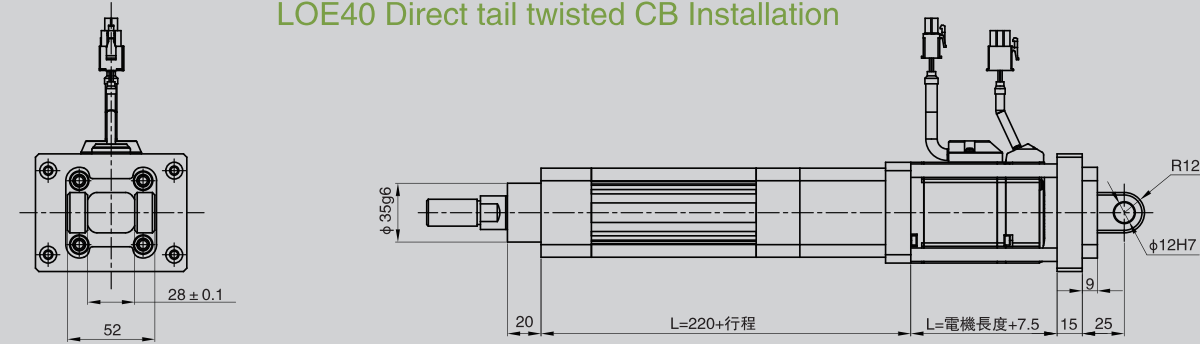
有效行程(mm) Stroke	標準行程 Standard stroke											
	50	100	150	200	250	300	350	400	450	500	550	600
重量(KG)Weight	3.29	3.54	3.79	4.04	4.29	4.54	4.79	5.04	5.29	5.54	5.79	6.04
備注：行程每增加10mm重量增加0.05KG weight increases 0.05kg for every increase 10mm in stroke												

LOE40直連側面安裝-LA
LOE40Direct Side Installation -LA



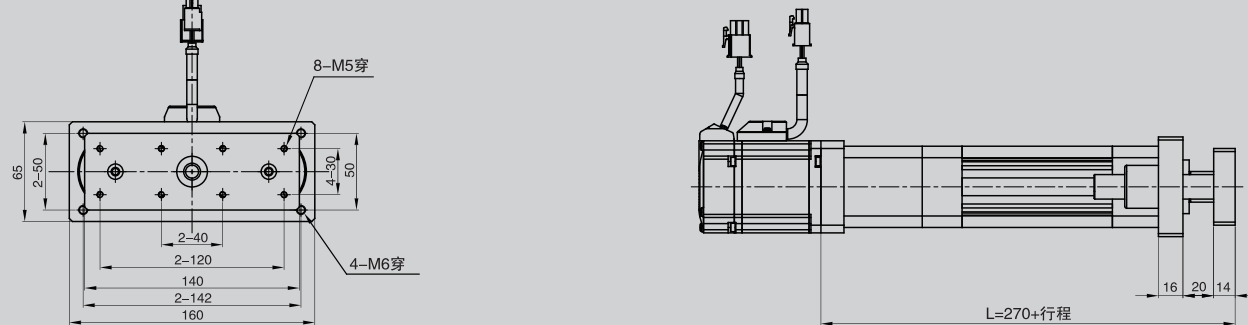
有效行程(mm) Stroke	標準行程 Standard stroke											
	50	100	150	200	250	300	350	400	450	500	550	600
重量(KG)Weight	2.63	2.88	3.13	3.38	3.63	3.88	4.13	4.38	4.63	4.88	5.13	5.38
備注：行程每增加10mm重量增加0.05KG weight increases 0.05kg for every increase 10mm in stroke												

LOE40 直連尾絞CB安裝
LOE40 Direct tail twisted CB Installation



有效行程(mm) Stroke	標準行程 Standard stroke											
	50	100	150	200	250	300	350	400	450	500	550	600
重量(KG)Weight	3.26	3.51	3.76	4.01	4.26	4.51	4.76	5.01	5.26	5.51	5.76	6.01
備注：行程每增加10mm重量增加0.05KG weight increases 0.05kg for every increase 10mm in stroke												

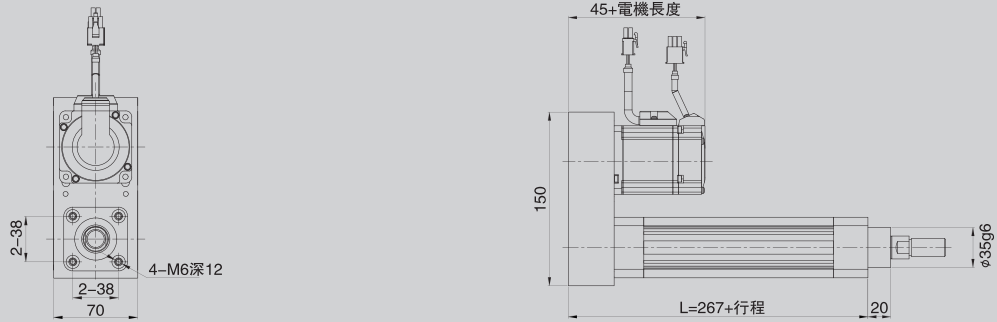
LOE40直連前導向安裝-FG
LOE40Direct tongue mount InstallationCB



有效行程(mm) Stroke	標準行程 Standard stroke											
	50	100	150	200	250	300	350	400	450	500	550	600
重量(KG)Weight	3.84	4.24	4.64	5.04	5.44	5.84	6.24	6.64	7.04	7.44	7.84	8.24
備注：行程每增加10mm重量增加0.08KG weight increases 0.05kg for every increase 10mm in stroke												

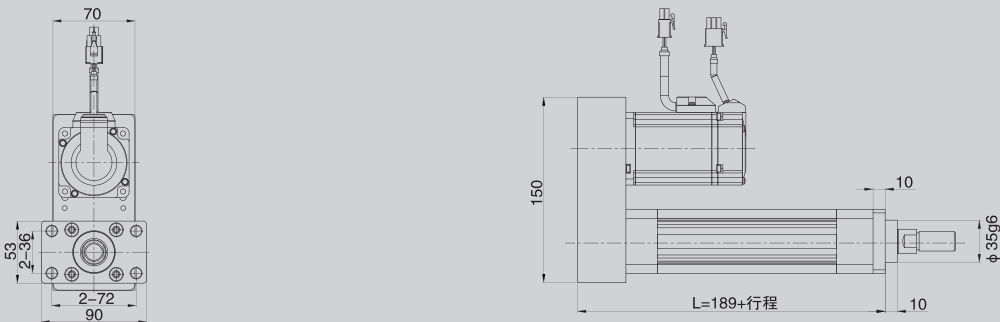
■ 轉折式
Transition type

LOE40轉折前端蓋安裝
LOE40Transition Front Cap Installation



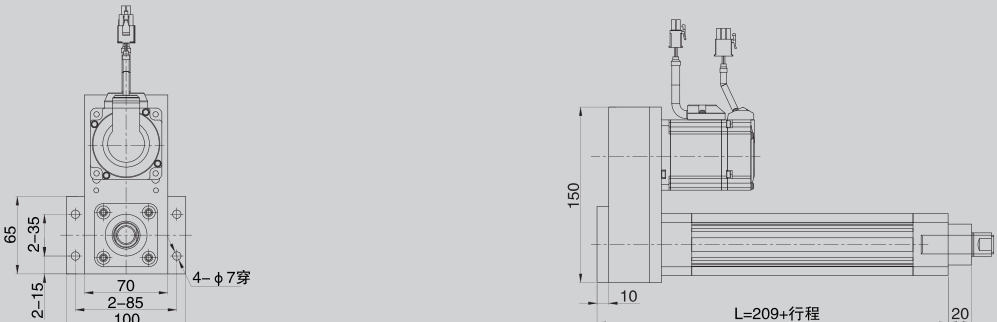
有效行程(mm) Stroke	標準行程 Standard stroke											
	50	100	150	200	250	300	350	400	450	500	550	600
重量(KG)Weight	2.74	2.99	3.24	3.49	3.74	3.99	4.24	4.49	4.74	4.99	5.24	5.49
備注：行程每增加10mm重量增加0.05KG weight increases 0.05kg for every increase 10mm in stroke												

LOE40轉折前法蘭安裝-FA
LOE40Transition Flange Installation-FA



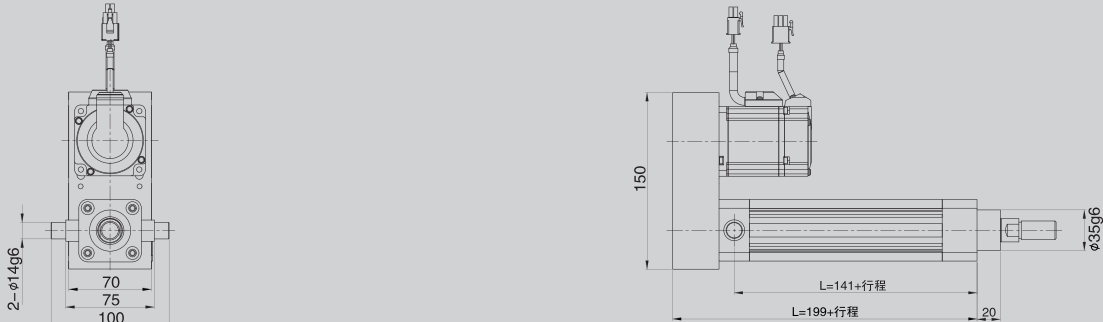
有效行程(mm) Stroke	標準行程 Standard stroke											
	50	100	150	200	250	300	350	400	450	500	550	600
重量(KG)Weight	2.71	2.96	3.21	3.46	3.71	3.96	4.21	4.46	4.71	4.96	5.21	5.46
備注：行程每增加10mm重量增加0.05KG weight increases 0.05kg for every increase 10mm in stroke												

LOE40轉折後法蘭安裝-FB
LOE40Transition backFlange Installation -FB



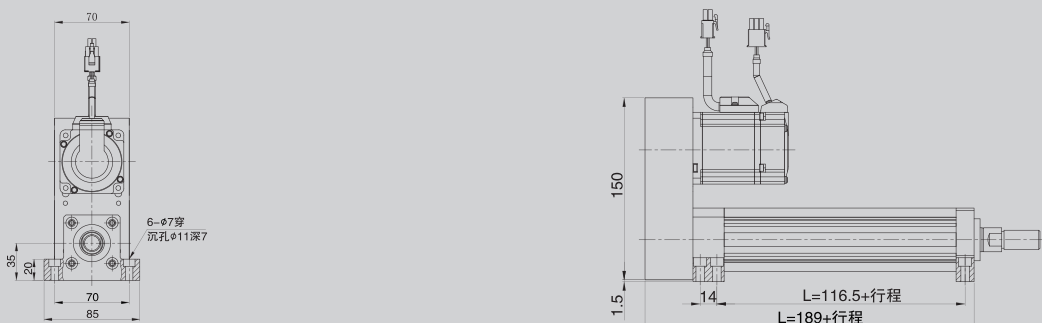
有效行程(mm) Stroke	標準行程 Standard stroke											
	50	100	150	200	250	300	350	400	450	500	550	600
重量(KG)Weight	3.05	3.3	3.55	3.8	4.05	4.3	4.55	4.8	5.05	5.3	5.55	5.8
備注：行程每增加10mm重量增加0.05KG weight increases 0.05kg for every increase 10mm in stroke												

LOE40轉折耳軸安裝-TC
LOE40Transition trunnion Installation-TC



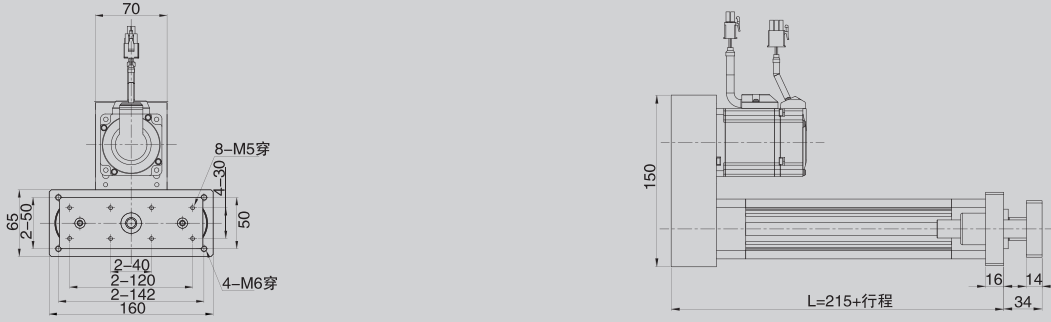
有效行程(mm) Stroke	標準行程 Standard stroke											
	50	100	150	200	250	300	350	400	450	500	550	600
重量(KG)Weight	2.77	3.02	3.27	3.52	3.77	4.02	4.27	4.52	4.77	5.02	5.27	5.52
備注：行程每增加10mm重量增加0.05KG weight increases 0.05kg for every increase 10mm in stroke												

LOE40轉折側面安裝-LA
LOE40Transition Side Installation-LA



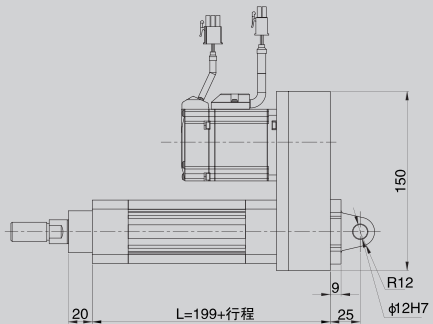
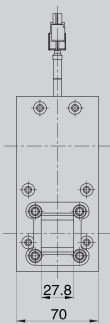
有效行程(mm) Stroke	標準行程 Standard stroke											
	50	100	150	200	250	300	350	400	450	500	550	600
重量(KG)Weight	2.75	3	3.25	3.5	3.75	4	4.25	4.5	4.75	5	5.25	5.5
備注：行程每增加10mm重量增加0.05KG weight increases 0.05kg for every increase 10mm in stroke												

LOE40轉折前導向安裝-FG
LOE40Transition Front Guide Installation-FG



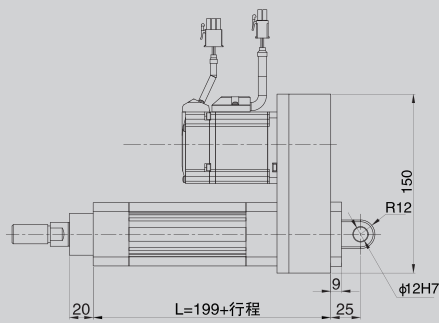
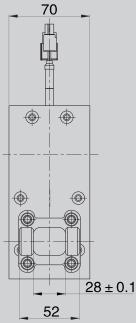
有效行程(mm) Stroke	標準行程 Standard stroke											
	50	100	150	200	250	300	350	400	450	500	550	600
重量(KG)Weight	3.96	4.36	4.76	5.16	5.56	5.96	6.36	6.76	7.16	7.56	7.96	8.36
備注：行程每增加10mm重量增加0.08KG weight increases 0.05kg for every increase 10mm in stroke												

LOE40 轉折尾鉸CA安裝
LOE40 Transition tail hinge CA installation



有效行程(mm) Stroke	標準行程 Standard stroke											
	50	100	150	200	250	300	350	400	450	500	550	600
重量(KG)Weight	3.2	3.45	3.7	3.95	4.2	4.45	4.7	4.95	5.2	5.45	5.7	5.95
備注：行程每增加10mm重量增加0.05KG weight increases 0.05kg for every increase 10mm in stroke												

LOE40 轉折尾鉸CB安裝
LOE40 Transition tail hinge CB installation



有效行程(mm) Stroke	標準行程 Standard stroke											
	50	100	150	200	250	300	350	400	450	500	550	600
重量(KG)Weight	3.17	3.42	3.67	3.92	4.17	4.42	4.67	4.92	5.17	5.42	5.67	5.92
備注：行程每增加10mm重量增加0.05KG weight increases 0.05kg for every increase 10mm in stroke												

歐式輕型電動缸 European type light electrical Cylinder

型號表示 Model representation

LOE50-100-C-L10-D-□-A-Z-0 400W-B-JS□-T3

系列型號 Model	行程 stroke	精度等級 Accuracy grade	導程 Lead range	馬達安裝方式 motor Installation type	安裝方式 Installation mode	前端接頭 Connection	電機品牌 Motor brand	速比 Ratio	限位開關 limit switch
		C: 轉造C7 C:Transformation of C7 P: 研磨C5 P:GrindingC5	5 10	D-直接安裝 D-Direct P-間接安裝 P-Transit	FA-前法蘭 FA-Front Flange FB-後法蘭 FB-Back Flange TC-耳軸 TC-Trunnion LA-側面 LA-Side FG-前導向 FG-Front orientat CA-單耳環 CA-Single ring ion CB-雙耳環 CB-double Ring	A-外螺紋 A-Male thread B-內螺紋 B-Female thread Y-Y型鉸鏈 Y-Y hinge J-關節軸承 J-Joint Bearin	Z-客戶自配電機 Z-Customer own motor 無-我司配電機 NO-Our company with motor	B-帶剎車 B-With brake NO 3 4 5 7 10	T1=1個 T1=1 pc T2=2個 T2=2 Pcs T3=3個 T3=3 pcs

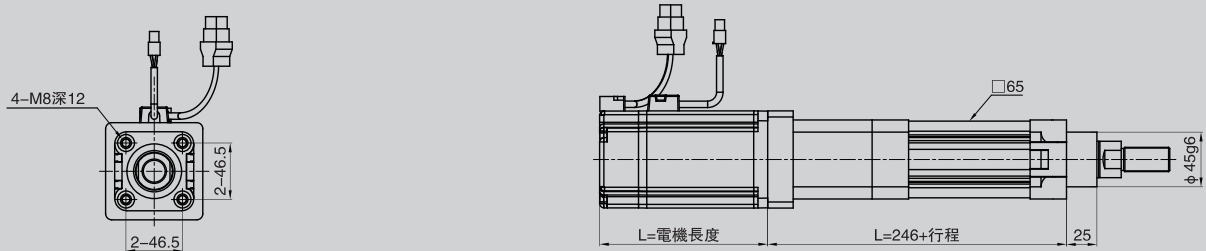
馬達出力 (W) Motor Power(W)	400W		750W			
額定扭矩N.m Rated torqueN.m	1.27		2.4			
傳動方式 Driving Mode	滾珠螺桿C7轉造\滾珠螺桿C5研磨(默認為C7) ball screw C7 rolled ball screw C5 grinding(default C7)					
重復定位精度 (mm) Repositioning Accuracy(mm)	± 0.02/±0.01					
螺桿導程pitch(mm) Thread pitch(mm)	5	10	5	10		
額定速度 (mm/sec) /減速 Max Speed(mm/sec)	250(1:1)	500(1:1) 167(3:1)	250(1:1)	500(1:1)		
額定推力 (N) /減速比 Rated Thrust (N)	1360(1:1)	680(1:1), 2040(3:1)	2562(1:1)	1281(1:1)		
有效行程 (mm) Effective Stroke(mm)	10-800					
sensor 感應器 sensor	電子式磁性開關*3 solenoid switch*3					

前端連接方式 Front end connection mode

外螺紋 Male	內螺紋 Female	關節軸承 joint bearing	Y型鉸鏈 Yhinge

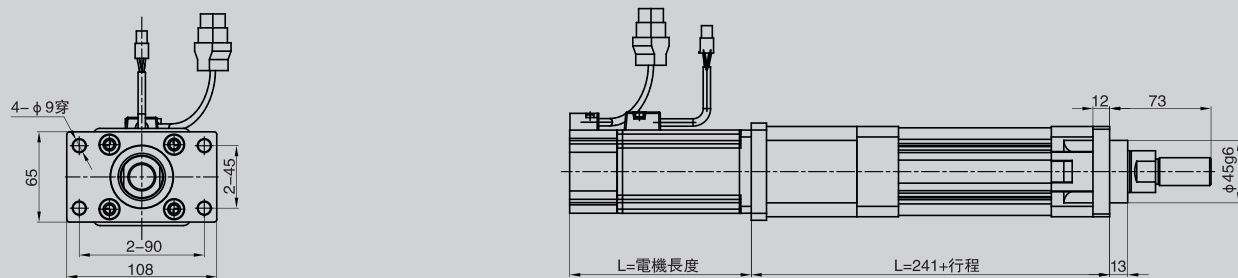
■直綫式
Linear Cylinder

LOE50直連前端蓋安裝
LOE50Direct Front Cap Installation



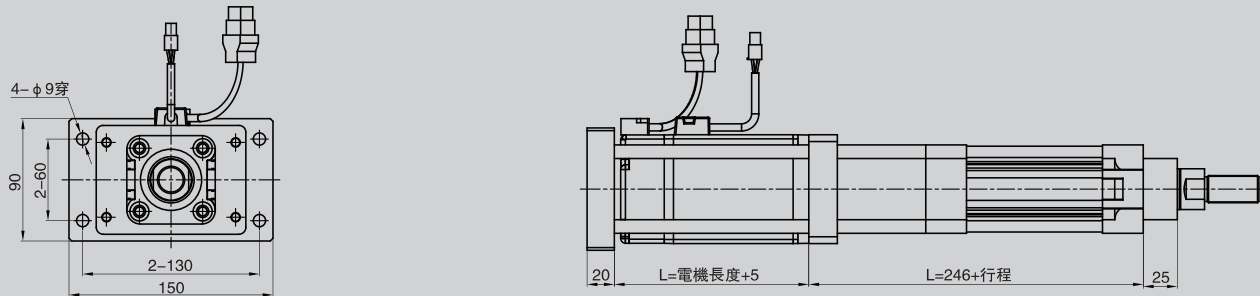
有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG)Weight	4.07	4.57	5.07	5.57	6.07	6.57	7.07	7.57	8.07	8.57	9.07	9.57	10.07	10.57	11.07	11.57
備注：行程每增加10mm重量增加0.1KG weight increases 0.1kg for every increase 10mm in stroke																

LOE50直連前法蘭安裝-FA
LOE50Direct Front Flange Installation-FA



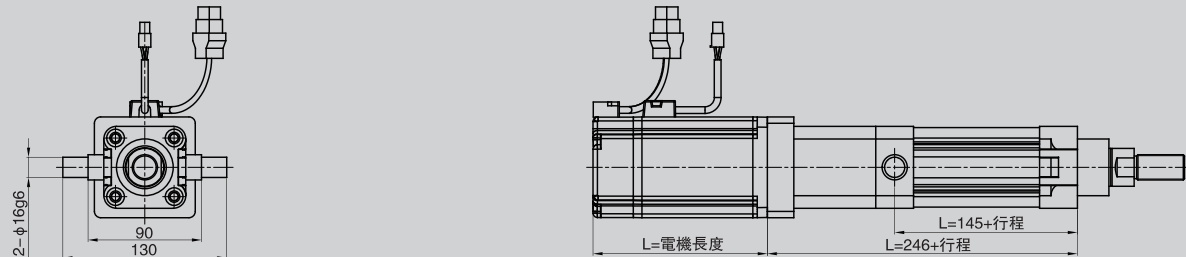
有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG)Weight	3.95	4.45	4.95	5.45	5.95	6.45	6.95	7.45	7.95	8.45	8.95	9.45	9.95	10.45	10.95	11.45
備注：行程每增加10mm重量增加0.1KG weight increases 0.1kg for every increase 10mm in stroke																

LOE50直連後法蘭安裝-FB
LOE50Direct Back Flange Installation-FB



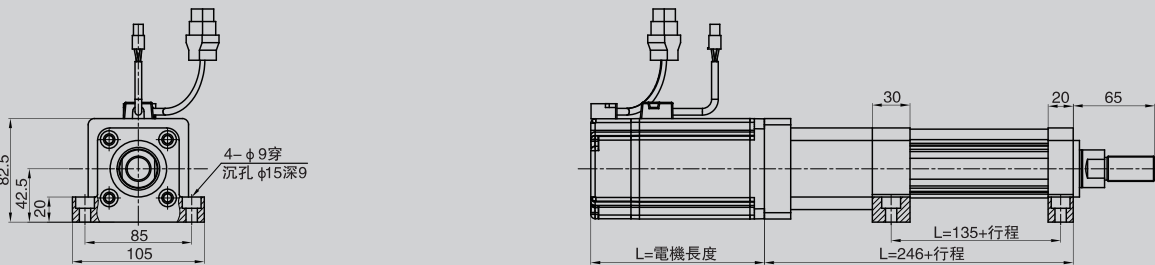
有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG)Weight	5.15	5.65	6.15	6.65	7.15	7.65	8.15	8.65	9.15	9.65	10.15	10.65	11.15	11.65	12.15	12.65
備注：行程每增加10mm重量增加0.1KG weight increases 0.1kg for every increase 10mm in stroke																

LOE50直連耳軸安裝-TC
LOE50Direct trunnion Installation-TC



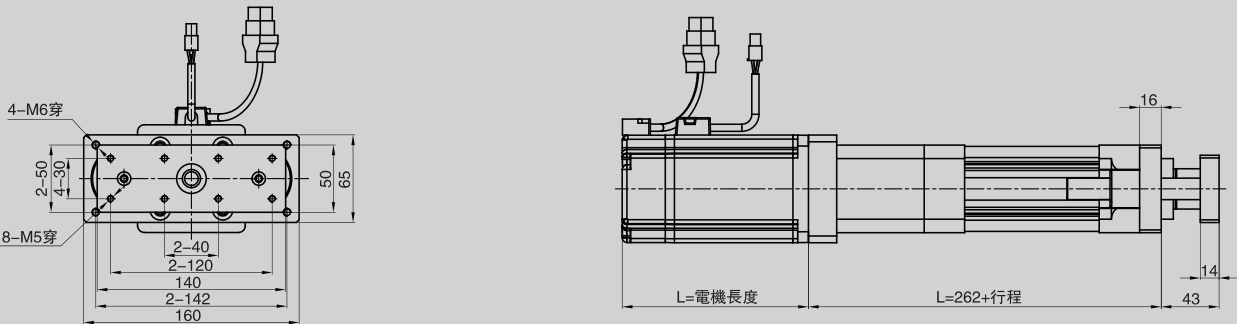
有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG)Weight	4.11	4.61	5.11	5.61	6.11	6.61	7.11	7.61	8.11	8.61	9.11	9.61	10.11	10.61	11.11	11.61
備注：行程每增加10mm重量增加0.1KG weight increases 0.1kg for every increase 10mm in stroke																

LOE50直連側面安裝-LA
LOE50 Direct Side Installation-LA



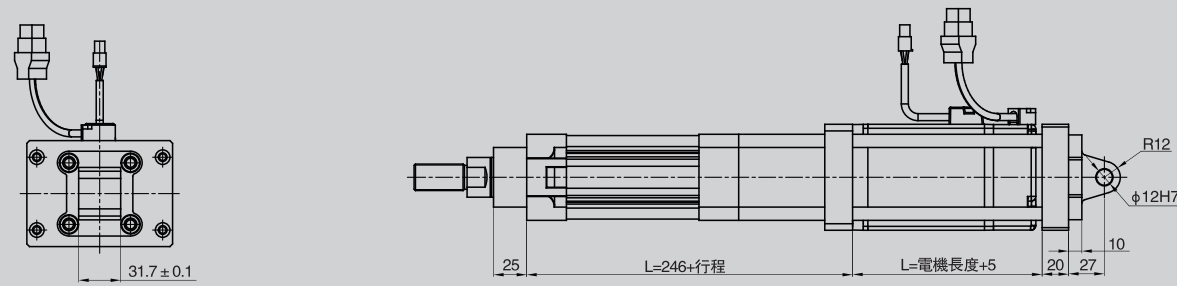
有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG)Weight	4.15	4.65	5.15	5.65	6.15	6.65	7.15	7.65	8.15	8.65	9.15	9.65	10.15	10.65	11.15	11.65
備注：行程每增加10mm重量增加0.1KG weight increases 0.1kg for every increase 10mm in stroke																

LOE50直連前導向安裝-FG
LOE50 Direct Front Guide Installation-FG



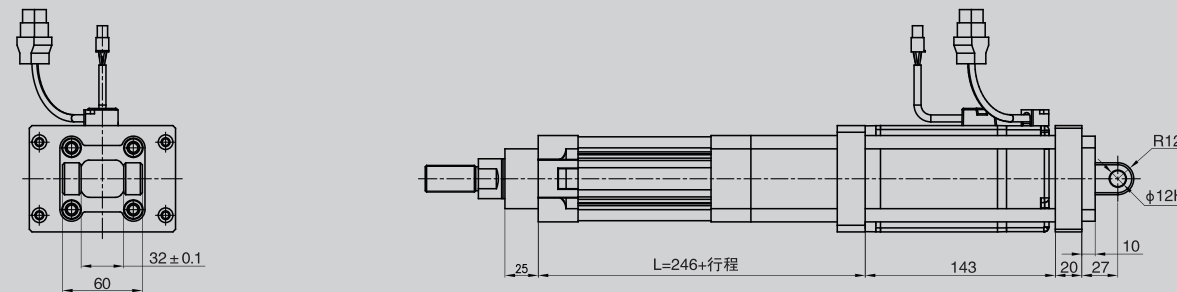
有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG)Weight	5.2	5.75	6.3	6.85	7.4	7.95	8.5	9.05	9.6	10.15	10.7	11.25	11.8	12.35	12.9	13.45
備注：行程每增加10mm重量增加0.11KG weight increases 0.11kg for every increase 10mm in stroke																

LOE50 直連尾絞CA安裝
LOE50 Direct tail twisted CA Installation



有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG) Weight	5.77	6.27	6.77	7.27	7.77	8.27	8.77	9.27	9.77	10.27	10.77	11.27	11.77	12.27	12.77	13.27
備注：行程每增加10mm重量增加0.1KG weight increases 0.1kg for every increase 10mm in stroke																

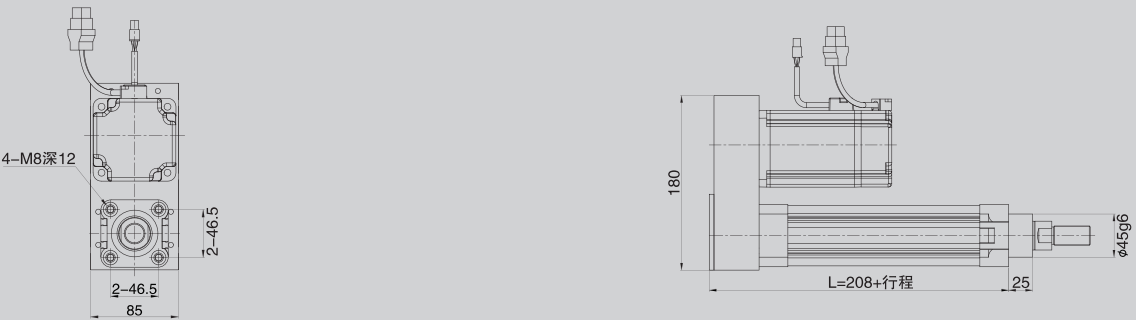
LOE50 直連尾絞CB安裝
LOE50 Direct tail twisted CB Installation



有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG) Weight	5.73	6.23	6.73	7.23	7.73	8.23	8.73	9.23	9.73	10.23	10.73	11.23	11.73	12.23	12.73	13.23
備注：行程每增加10mm重量增加0.1KG weight increases 0.1kg for every increase 10mm in stroke																

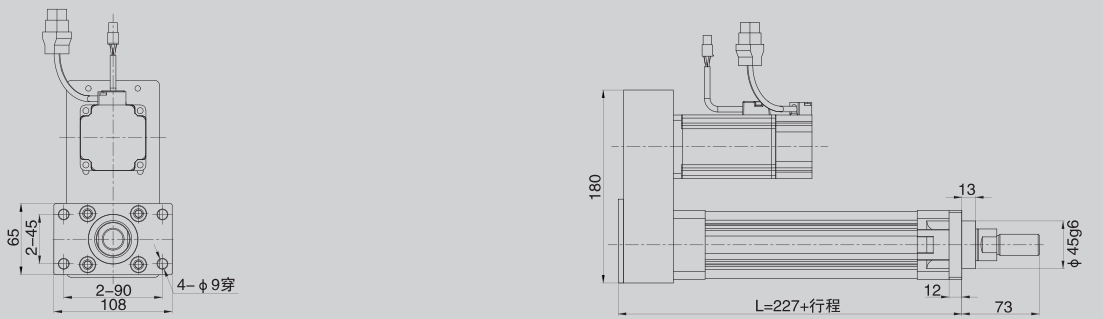
轉折式
Transition type

LOE50轉折前端蓋安裝
LOE50Transition Front Cap Installation



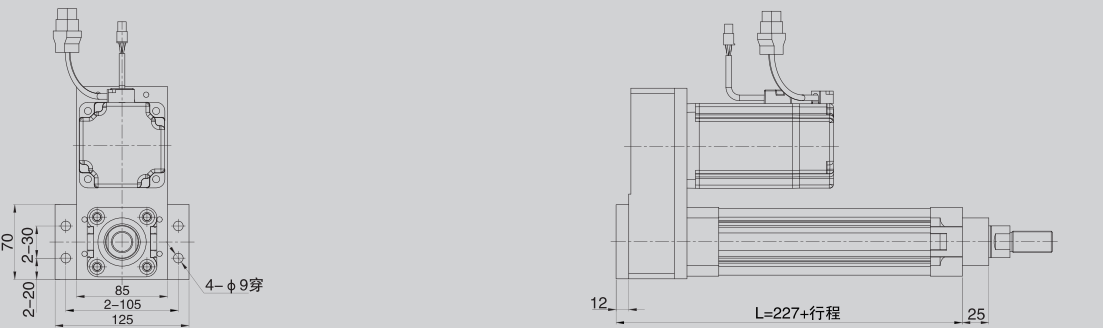
有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG) Weight	5.77	6.27	6.77	7.27	7.77	8.27	8.77	9.27	9.77	10.27	10.77	11.27	11.77	12.27	12.77	13.27
備注：行程每增加10mm重量增加0.1KG weight increases 0.1kg for every increase 10mm in stroke																

LOE50轉折前法蘭安裝-FA
LOE50Transition Flange Installation-FA



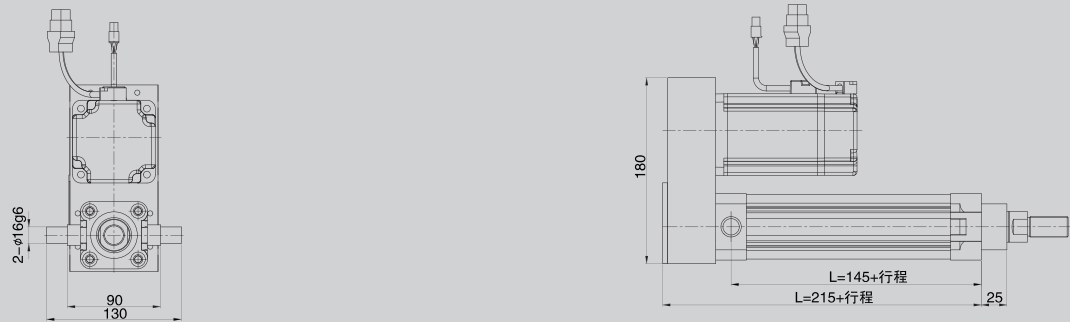
有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG) Weight	5.77	6.27	6.77	7.27	7.77	8.27	8.77	9.27	9.77	10.27	10.77	11.27	11.77	12.27	12.77	13.27
備注：行程每增加10mm重量增加0.1KG weight increases 0.1kg for every increase 10mm in stroke																

LOE50轉折後法蘭安裝-FB
LOE50Transition backFlange Installation-FB



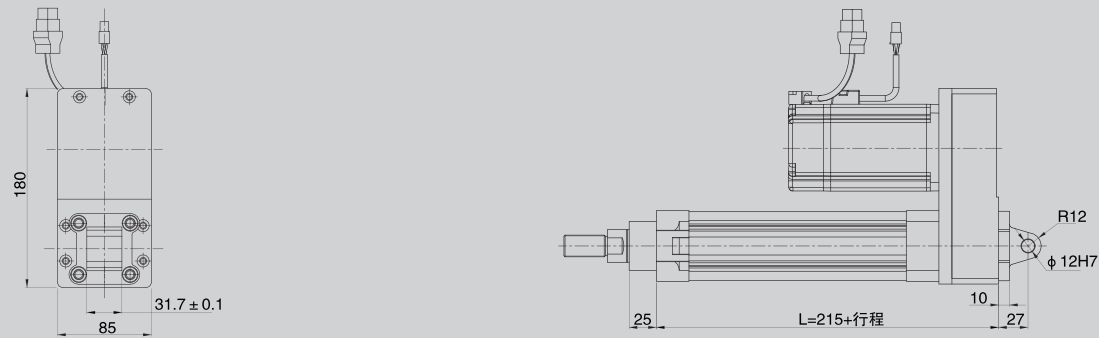
有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG) Weight	5.77	6.27	6.77	7.27	7.77	8.27	8.77	9.27	9.77	10.27	10.77	11.27	11.77	12.27	12.77	13.27
備注：行程每增加10mm重量增加0.1KG weight increases 0.1kg for every increase 10mm in stroke																

LOE50轉折耳軸安裝-TC
LOE50Transition trunnion Installation-TC



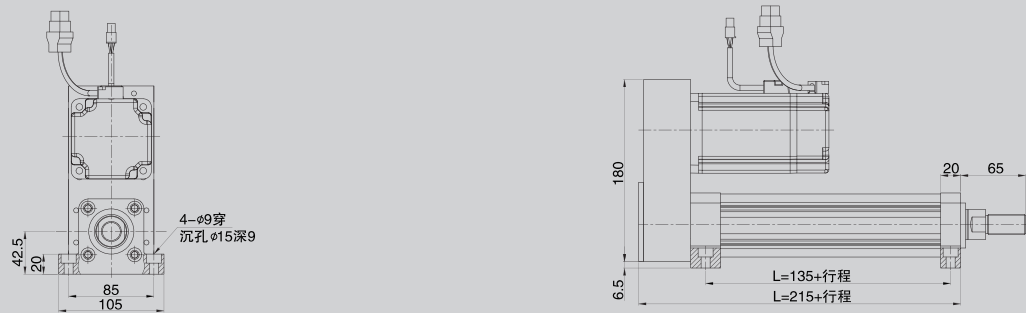
有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG)Weight	4.41	4.91	5.41	5.91	6.41	6.91	7.41	7.91	8.41	8.91	9.41	9.91	10.41	10.91	11.41	11.91
備注：行程每增加10mm重量增加0.1KG weight increases 0.1kg for every increase 10mm in stroke																

LOE50 轉折尾鉸CA安裝
LOE50 Transition tail hinge CA installation



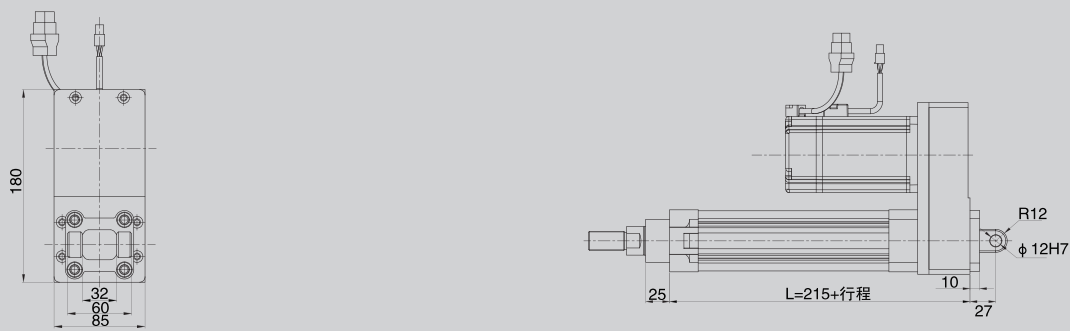
有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG)Weight	5.37	5.87	6.37	6.87	7.37	7.87	8.37	8.87	9.37	9.87	10.37	10.87	11.37	11.87	12.37	12.87
備注：行程每增加10mm重量增加0.1KG weight increases 0.1kg for every increase 10mm in stroke																

LOE50轉折側面安裝-LA
LOE50Transition Side Installation-LA



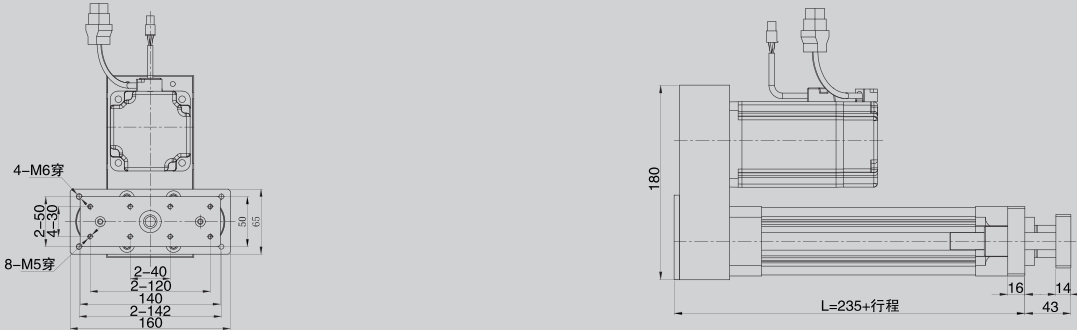
有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG)Weight	4.45	4.95	5.45	5.95	6.45	6.95	7.45	7.95	8.45	8.95	9.45	9.95	10.45	10.95	11.45	11.95
備注：行程每增加10mm重量增加0.1KG weight increases 0.1kg for every increase 10mm in stroke																

LOE50 轉折尾鉸CB安裝
LOE50 Transition tail hinge CB installation



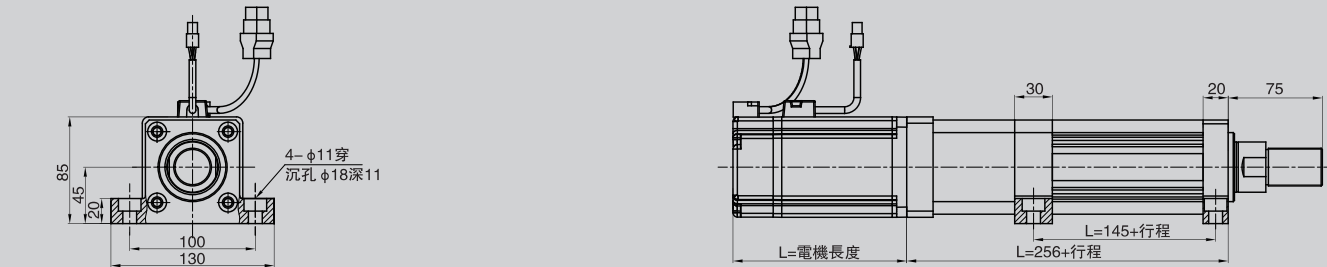
有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG)Weight	5.33	5.83	6.33	6.83	7.33	7.83	8.33	8.83	9.33	9.83	10.33	10.83	11.33	11.83	12.33	12.83
備注：行程每增加10mm重量增加0.1KG weight increases 0.1kg for every increase 10mm in stroke																

LOE50轉折前導向安裝-FG
LOE50Transition Front Guide Installation-FG



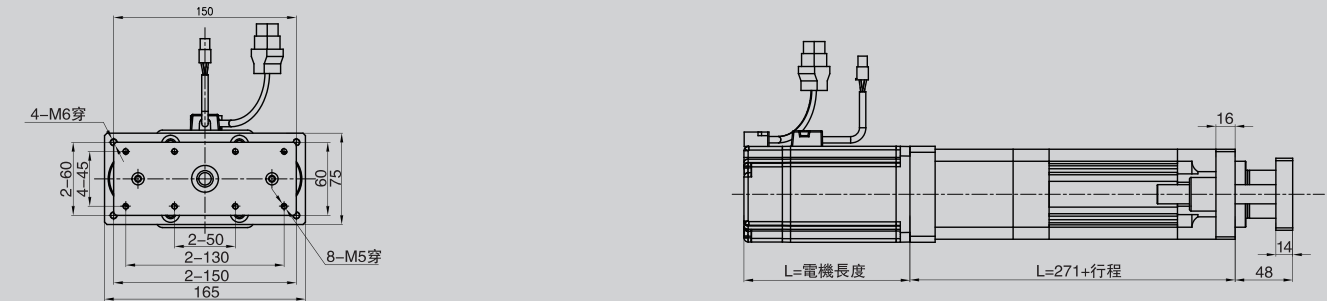
有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG)Weight	5.50	6.05	6.60	7.15	7.70	8.25	8.80	9.35	9.90	10.45	11.00	11.55	12.10	12.65	13.20	13.75
備注：行程每增加10mm重量增加0.11KG weight increases 0.11kg for every increase 10mm in stroke																

LOE63直連側面安裝-LA
LOE63Direct Side Installation-LA



有效行程(mm) Stroke	標準行程 Standard stroke																			
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
重量(KG)Weight	7.02	7.62	8.22	8.82	9.42	10.02	10.62	11.22	11.82	12.42	13.02	13.62	14.22	14.82	15.42	16.02	16.62	17.22	17.82	18.42
備注：行程每增加10mm重量增加0.12KG weight increases 0.12kg for every increase 10mm in stroke																				

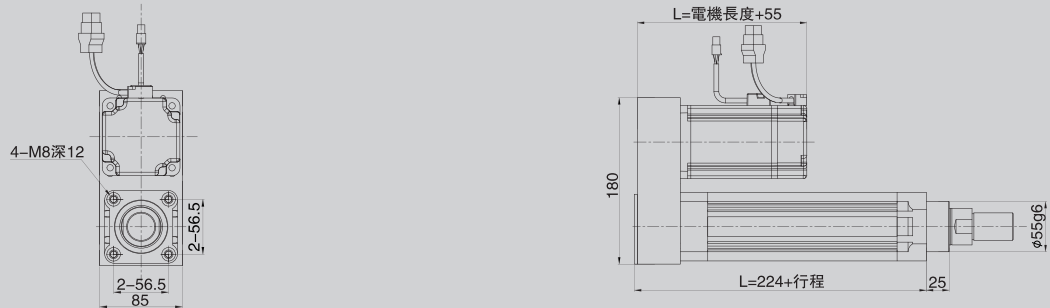
LOE63直連前導向安裝-FG
LOE63Direct Front Guide Installation-FG



有效行程(mm) Stroke	標準行程 Standard stroke																			
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
重量(KG)Weight	7.05	7.85	8.65	9.45	10.25	11.05	11.85	12.65	13.45	14.25	15.05	15.85	16.65	17.45	18.25	19.05	19.85	20.65	21.45	22.25
備注：行程每增加10mm重量增加0.16KG weight increases 0.16kg for every increase 10mm in stroke																				

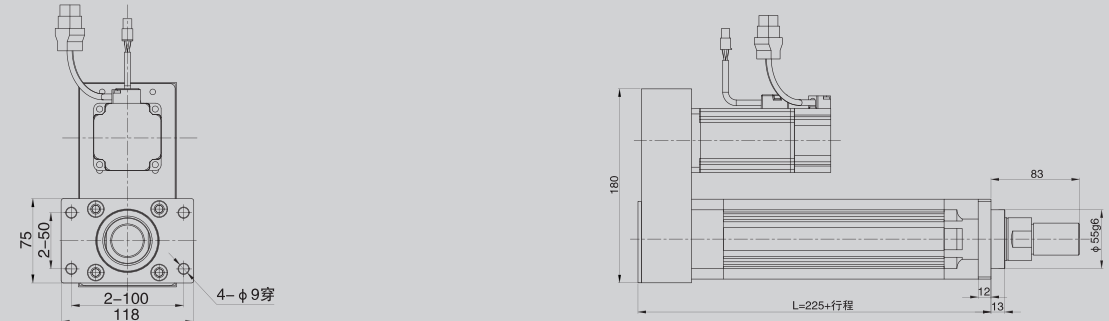
轉折式
Transition Type

LOE63轉折前端蓋安裝
LOE63Transition Front Cap Installation



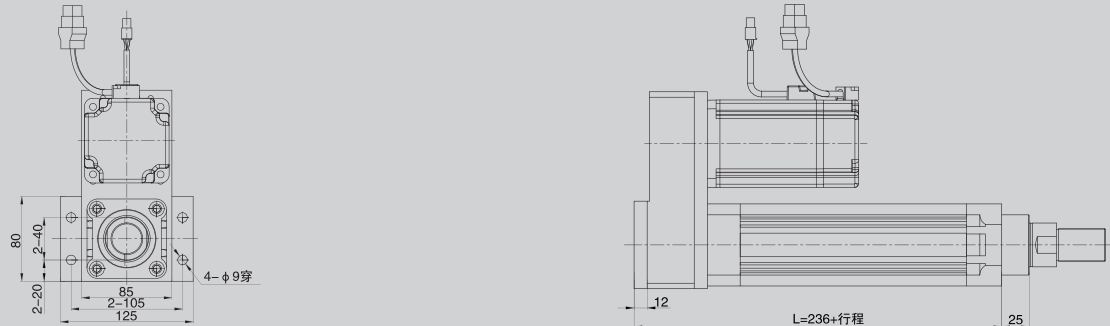
有效行程(mm) Stroke	標準行程 Standard stroke																			
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
重量(KG)Weight	6.3	7.9	9.5	11.1	12.7	14.3	15.9	17.5	19.1	20.7	22.3	23.9	25.5	27.1	28.7	30.3	31.9	33.5	35.1	36.7
備注：行程每增加10mm重量增加0.32KG weight increases 0.32kg for every increase 10mm in stroke																				

LOE63轉折前法蘭安裝-FA
LOE63Transition Flange Installation-FA



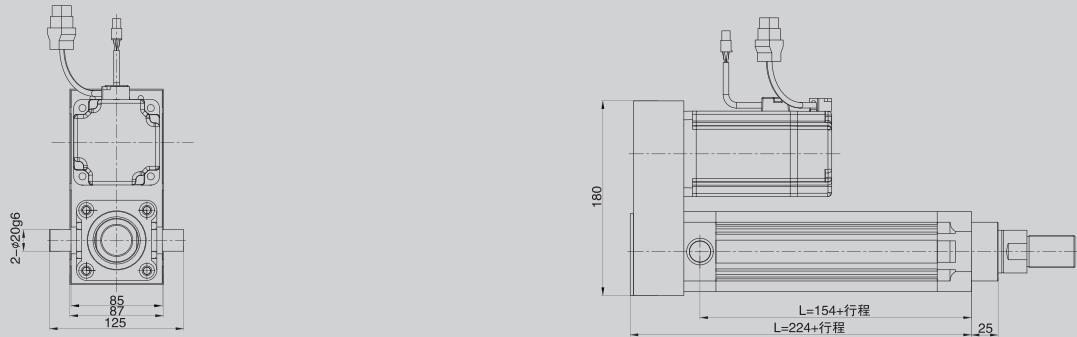
有效行程(mm) Stroke	標準行程 Standard stroke																			
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
重量(KG)Weight	6.24	6.84	7.44	8.04	8.64	9.24	9.84	10.44	11.04	11.64	12.24	12.84	13.44	14.04	14.64	15.24	15.84	16.44	17.04	17.64
備注：行程每增加10mm重量增加0.12KG weight increases 0.12kg for every increase 10mm in stroke																				

LOE63轉折後法蘭安裝-FB
LOE63Transition backFlange Installation-FB



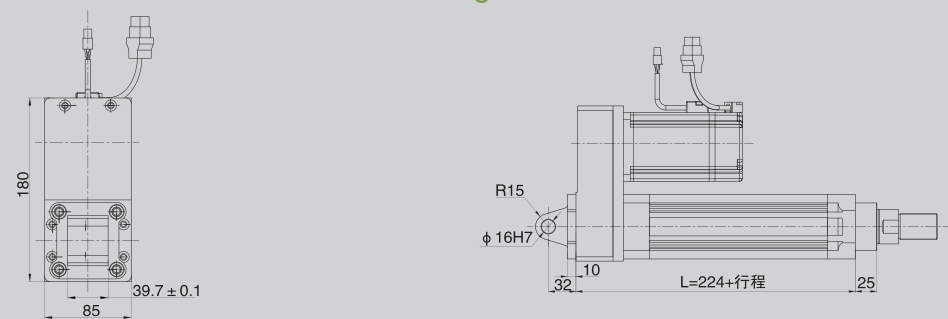
有效行程(mm) Stroke	標準行程 Standard stroke																			
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
重量(KG)Weight	7.23	7.83	8.43	9.03	9.63	10.23	10.83	11.43	12.03	12.63	13.23	13.83	14.43	15.03	15.63	16.23	16.83	17.43	18.03	18.63
備注：行程每增加10mm重量增加0.12KG weight increases 0.12kg for every increase 10mm in stroke																				

LOE63轉折耳軸安裝-TC
LOE63Transition trunnion Installation-TC



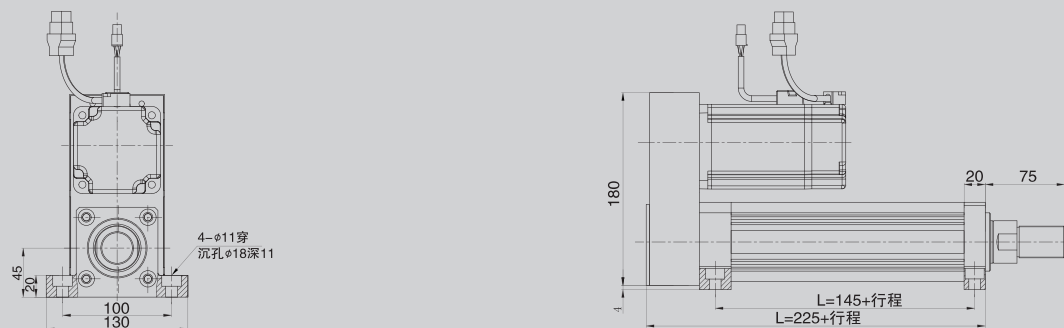
有效行程(mm) Stroke	標準行程 Standard stroke																		
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	1000
重量(KG)Weight	6.35	6.95	7.55	8.15	8.75	9.35	9.95	10.55	11.15	11.75	12.35	12.95	13.55	14.15	14.75	15.35	15.95	16.55	17.15
備注：行程每增加10mm重量增加0.12KG weight increases 0.12kg for every increase 10mm in stroke																			

LOE63 轉折尾鉸CA安裝
LOE63 Transition tail hinge CA installation



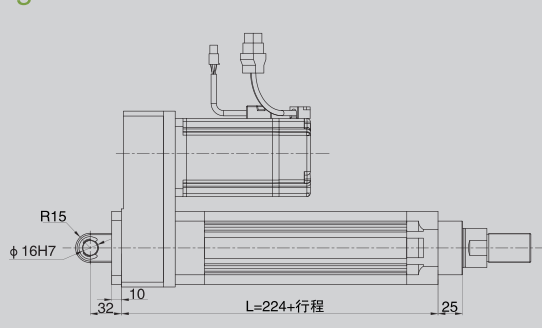
有效行程(mm) Stroke	標準行程 Standard stroke																						
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150
重量(KG)Weight	7.52	8.12	8.72	9.32	9.92	10.52	11.12	11.72	12.32	12.92	13.52	14.12	14.72	15.32	15.92	16.52	17.12	17.72	18.32	18.92	19.52	20.12	20.72
備注：行程每增加10mm重量增加0.12KG weight increases 0.12kg for every increase 10mm in stroke																							

LOE63轉折側面安裝-LA
LOE63Transition Side Installation-LA



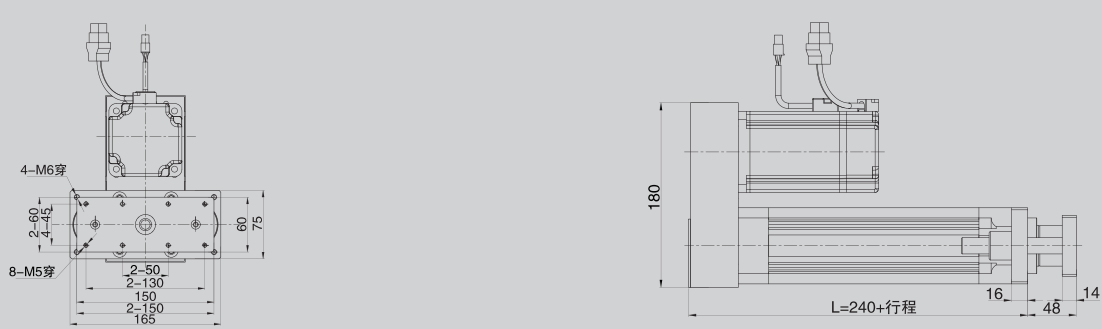
有效行程(mm) Stroke	標準行程 Standard stroke																		
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	1000
重量(KG)Weight	7.12	7.72	8.32	8.92	9.52	10.12	10.72	11.32	11.92	12.52	13.12	13.72	14.32	14.92	15.52	16.12	16.72	17.32	17.92
備注：行程每增加10mm重量增加0.12KG weight increases 0.12kg for every increase 10mm in stroke																			

LOE63 轉折尾鉸CB安裝
LOE63 Transition tail hinge CB installation



有效行程(mm) Stroke	標準行程 Standard stroke																						
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150
重量(KG)Weight	7.58	8.18	8.78	9.38	9.98	10.58	11.18	11.78	12.38	12.98	13.58	14.18	14.78	15.38	15.98	16.58	17.18	17.78	18.38	18.98	19.58	20.18	20.78
備注：行程每增加10mm重量增加0.12KG weight increases 0.12kg for every increase 10mm in stroke																							

LOE63轉折前導向安裝-FG
LOE63Transition Front Guide Installation-FG



有效行程(mm) Stroke	標準行程 Standard stroke																		
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	1000
重量(KG)Weight	7.15	7.95	8.75	9.55	10.35	11.15	11.95	12.75	13.55	14.35	15.15	15.95	16.75	17.55	18.35	19.15	19.95	20.75	21.55
備注：行程每增加10mm重量增加0.16KG weight increases 0.16kg for every increase 10mm in stroke																			

歐式輕型電動缸

European type light electrical Cylinder

型號表示

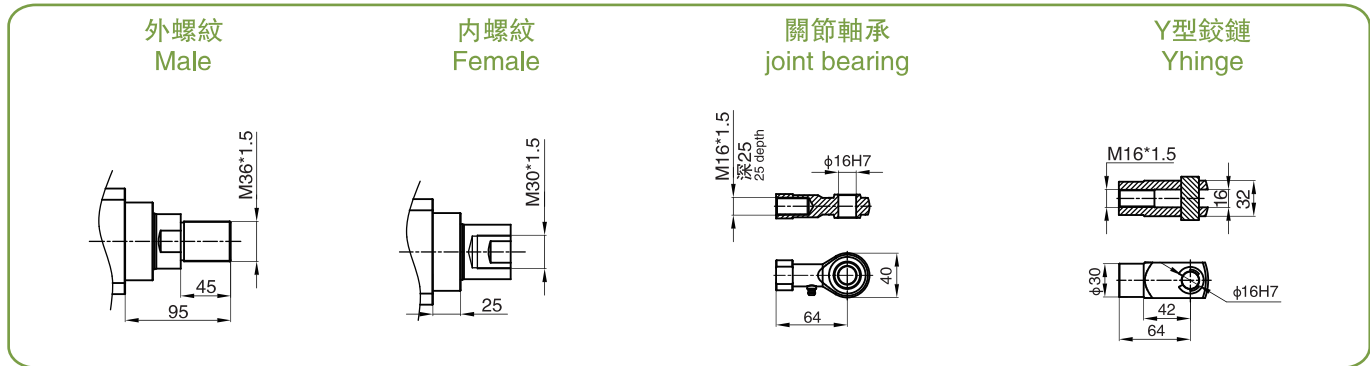
Model representation

LOE80-100 - C - L10 - D - □ - A - Z - 0 1000W-B-JS□ - T 3

系列型號	行程	精度等級	導程	馬達安裝方式	安裝方式	前端接頭	電機品牌	速比	限位開關
Model	stroke	Accuracy grade	Lead range	motor Installation type	Installation mode	Connection	Motor brand	Ratio	limit switch
		C: 轉造C7 C: Transformation of C7	5	D-直接安裝	FA-前法蘭	A-外螺紋	LZ-倫茨	無	T1=1個
		P: 研磨C5 P: GrindingC5	10	P-間接安裝	FB-後法蘭	B-內螺紋	PF-倍福	NO	T1=1 pc
					TC-耳軸	Y-Y型鉸鏈	SM-西門子	4	T2=2個
					LA-側面	J-關節軸承	SM-Siemens	5	T3=3個
					FG-前導向		P-鬆下	7	T3=3 pcs
					CA-單耳環		M-三菱	10	
					CB-雙耳環		Y-yaskawa		
							T-臺達		
							O-其他		
							O-Others		

前端連接方式

Front end connection mode

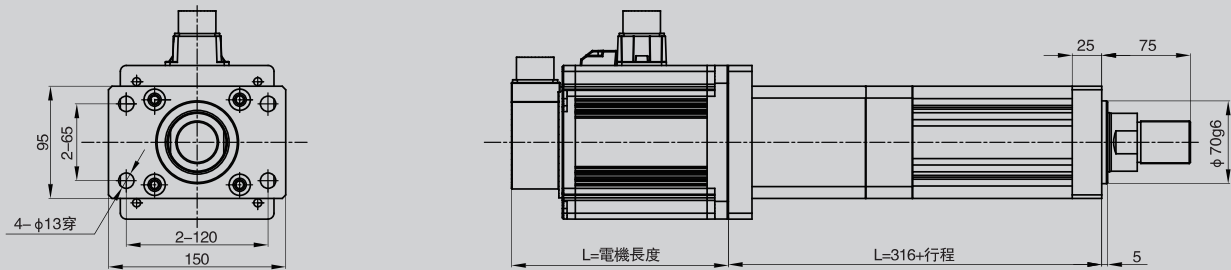


直綫式

Linear cylinder

LOE80直連前法蘭安裝-FA

LOE80DirectFront Flange Installation-FA

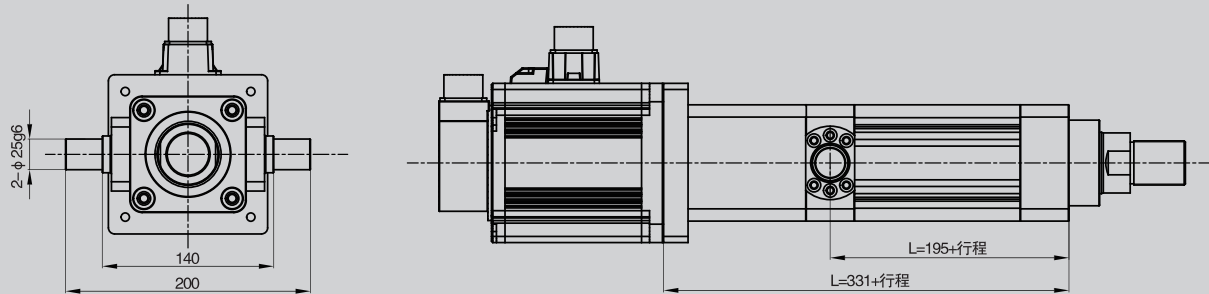


有效行程(mm) Stroke	標準行程 Standard stroke																			
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
重量(KG)Weight	12.11	13.06	14.01	14.96	15.91	16.86	17.81	18.76	19.71	20.66	21.61	22.56	23.51	24.46	25.41	26.36	27.31	28.26	29.21	30.16

備注: 行程每增加10mm重量增加0.19KG weight increases 0.19kg for every increase 10mm in stroke

LOE80直連耳軸安裝-TC

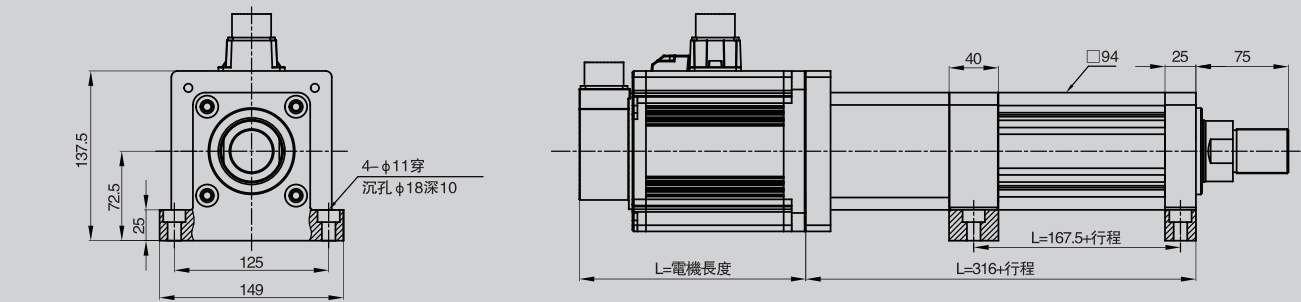
LOE80Direct trunnion Installation -TC



有效行程(mm) Stroke	標準行程 Standard stroke																			
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
重量(KG)Weight	12.09	13.04	13.99	14.94	15.89	16.84	17.79	18.74	19.69	20.64	21.59	22.54	23.49	24.44	25.39	26.34	27.29	28.24	29.19	30.14

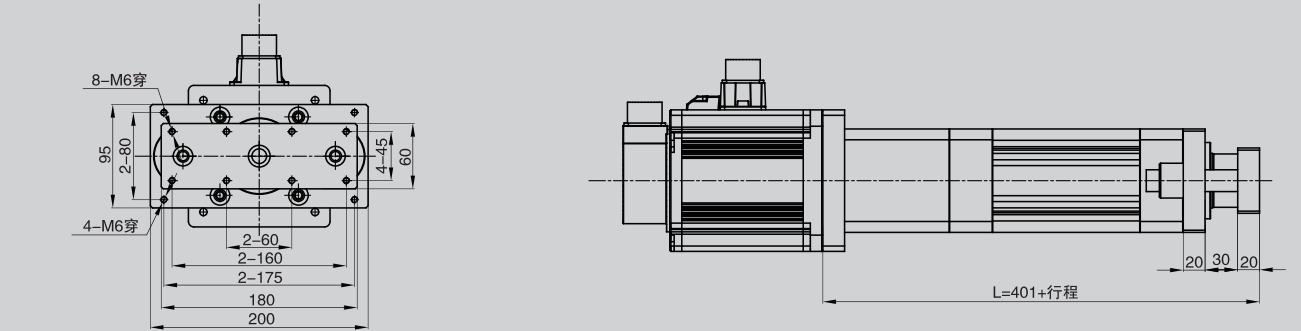
備注: 行程每增加10mm重量增加0.19KG weight increases 0.19kg for every increase 10mm in stroke

LOE80直連側面安裝-LA
LOE80Direct Side Installation-LA



有效行程(mm) Stroke	標準行程 Standard stroke																	
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900
重量(KG)Weight	12.41	13.36	14.31	15.26	16.21	17.16	18.11	19.06	20.01	20.96	21.91	22.86	23.81	24.76	25.71	26.66	27.61	28.56
備注：行程每增加10mm重量增加0.19KG weight increases 0.19kg for every increase 10mm in stroke																		

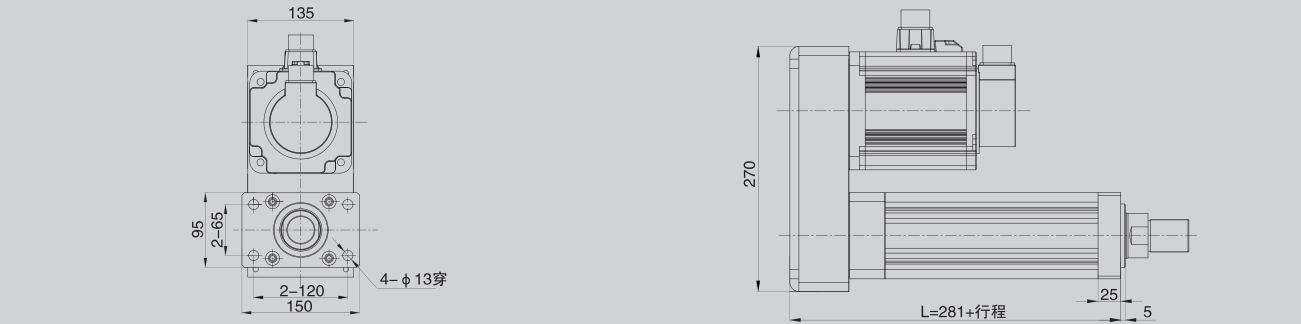
LOE80直連前導向安裝-FG
LOE80Direct Front Guide Installation-FG



有效行程(mm) Stroke	標準行程 Standard stroke																	
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900
重量(KG)Weight	13.74	14.94	16.14	17.34	18.54	19.74	20.94	22.14	23.34	24.54	25.74	26.94	28.14	29.34	30.54	31.74	32.94	34.14
備注：行程每增加10mm重量增加0.19KG weight increases 0.19kg for every increase 10mm in stroke																		

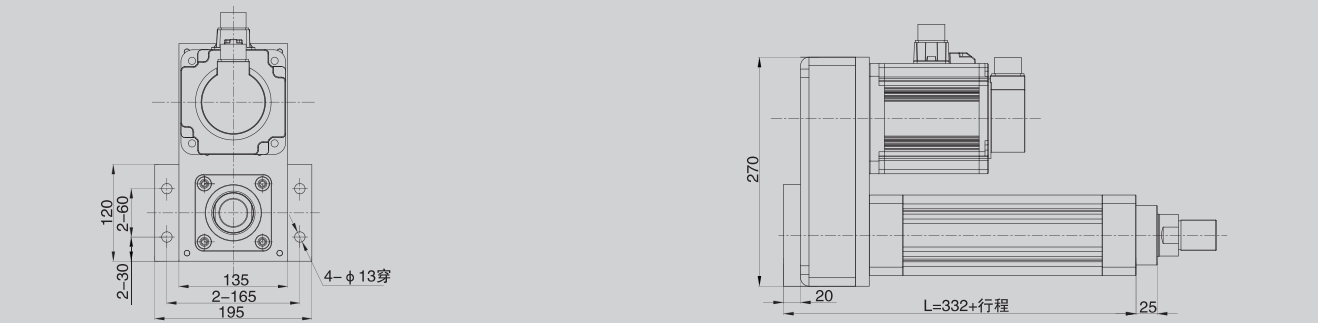
■ 轉折式
Transition type

LOE80轉折前法蘭安裝-FA
LOE80Transition Flange Installation-FA



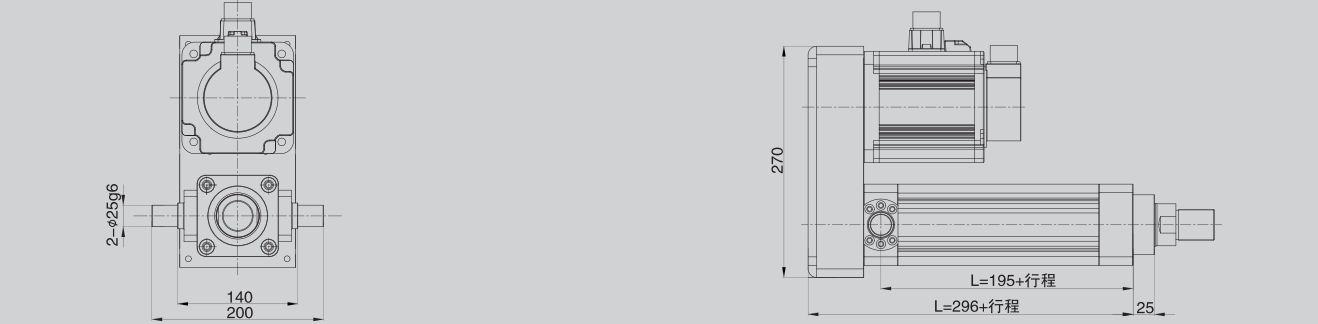
有效行程(mm) Stroke	標準行程 Standard stroke																	
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900
重量(KG)Weight	12.5	13.45	14.4	15.35	16.3	17.25	18.2	19.15	20.1	21.05	22	22.95	23.9	24.85	25.8	26.75	27.7	28.65
備注：行程每增加10mm重量增加0.19KG weight increases 0.19kg for every increase 10mm in stroke																		

LOE80轉折後法蘭安裝-FB
LOE80Transition backFlange Installation-FB



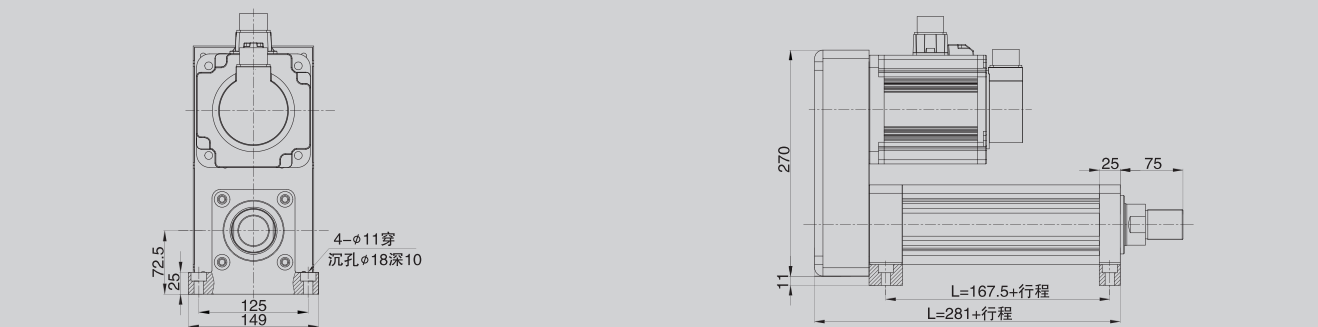
有效行程(mm) Stroke	標準行程 Standard stroke																	
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900
重量(KG)Weight	15.33	16.28	17.23	18.18	19.13	20.08	21.03	21.98	22.93	23.88	24.83	25.78	26.73	27.68	28.63	29.58	30.53	31.48
備注：行程每增加10mm重量增加0.19KG weight increases 0.19kg for every increase 10mm in stroke																		

LOE80轉折耳軸安裝-TC
LOE80Transition trunnion Installation-TC



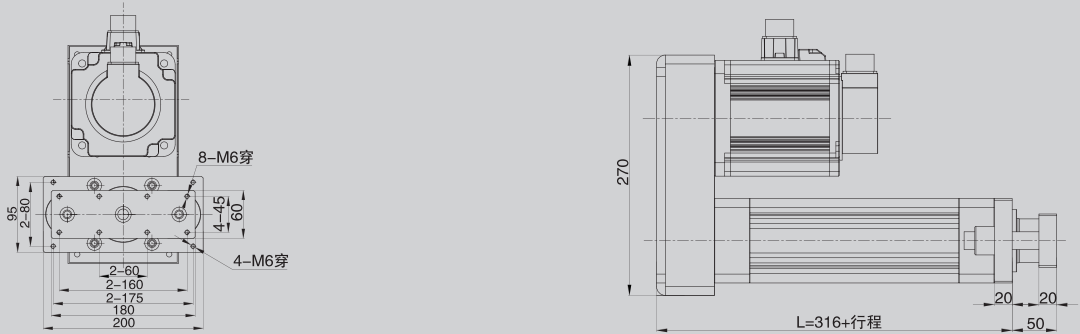
有效行程(mm) Stroke	標準行程 Standard stroke																	
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900
重量(KG)Weight	13.96	14.91	15.86	16.81	17.76	18.71	19.66	20.61	21.56	22.51	23.46	24.41	25.36	26.31	27.26	28.21	29.16	30.11
備注：行程每增加10mm重量增加0.19KG weight increases 0.19kg for every increase 10mm in stroke																		

LOE80轉折側面安裝-LA
LOE80Transition Side Installation-LA



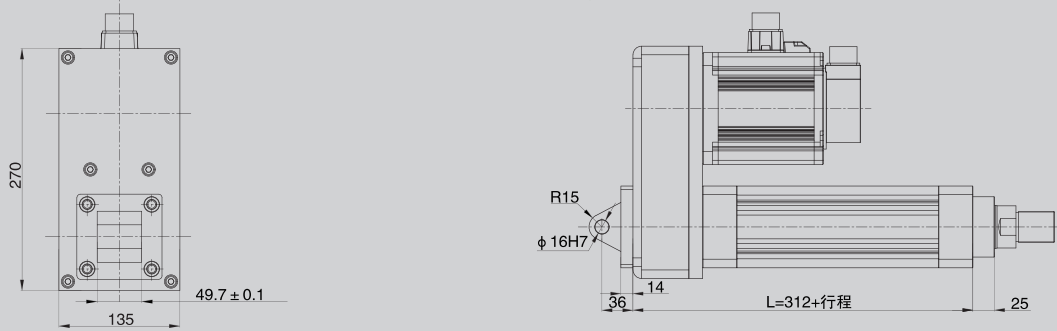
有效行程(mm) Stroke	標準行程 Standard stroke																	
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900
重量(KG)Weight	13.96	14.91	15.86	16.81	17.76	18.71	19.66	20.61	21.56	22.51	23.46	24.41	25.36	26.31	27.26	28.21	29.16	30.11
備注：行程每增加10mm重量增加0.19KG weight increases 0.19kg for every increase 10mm in stroke																		

LOE80轉折前導向安裝-FG
LOE80Transition Front Guide Installation-FG



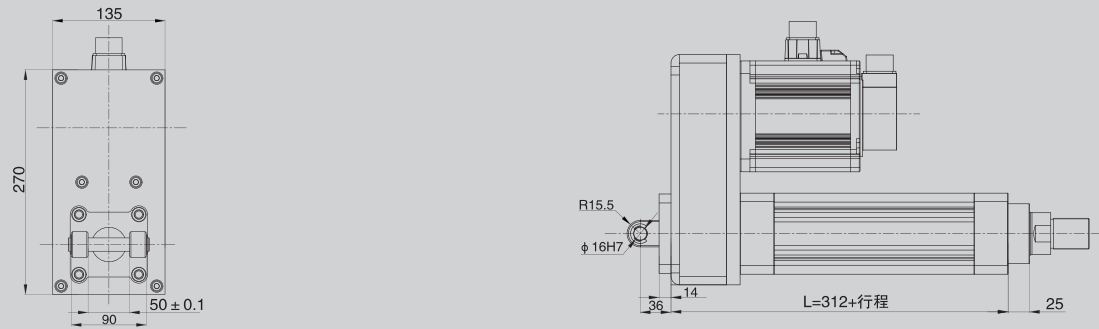
有效行程(mm) Stroke	標準行程 Standard stroke																			
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
重量(KG)Weight	13.96	14.91	15.86	16.81	17.76	18.71	19.66	20.61	21.56	22.51	23.46	24.41	25.36	26.31	27.26	28.21	29.16	30.11	31.06	32.01
備注：行程每增加10mm重量增加0.19KG weight increases 0.19kg for every increase 10mm in stroke																				

LOE80 轉折尾鉸CA安裝
LOE80 Transition tail hinge CA installation



有效行程(mm) Stroke	標準行程 Standard stroke																			
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
重量(KG)Weight	14.72	15.67	16.62	17.57	18.52	19.47	20.42	21.37	22.32	23.27	24.22	25.17	26.12	27.07	28.02	28.97	29.92	30.87	31.82	32.77
備注：行程每增加10mm重量增加0.19KG weight increases 0.19kg for every increase 10mm in stroke																				

LOE80 轉折尾鉸CB安裝
LOE80 Transition tail hinge CB installation



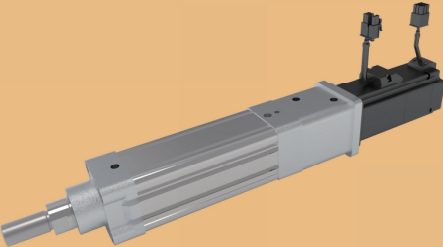
有效行程(mm) Stroke	標準行程 Standard stroke																			
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
重量(KG)Weight	14.28	15.23	16.18	17.13	18.08	19.03	19.98	20.93	21.88	22.83	23.78	24.73	25.68	26.63	27.58	28.53	29.48	30.43	31.38	32.33
備注：行程每增加10mm重量增加0.19KG weight increases 0.19kg for every increase 10mm in stroke																				

歐式輕型電動缸
European type light electrical Cylinder

型號表示
Model representation

LOE100-100 - C - L10 - D - □ - A - Z - 0 1000W-B-JS□-T3

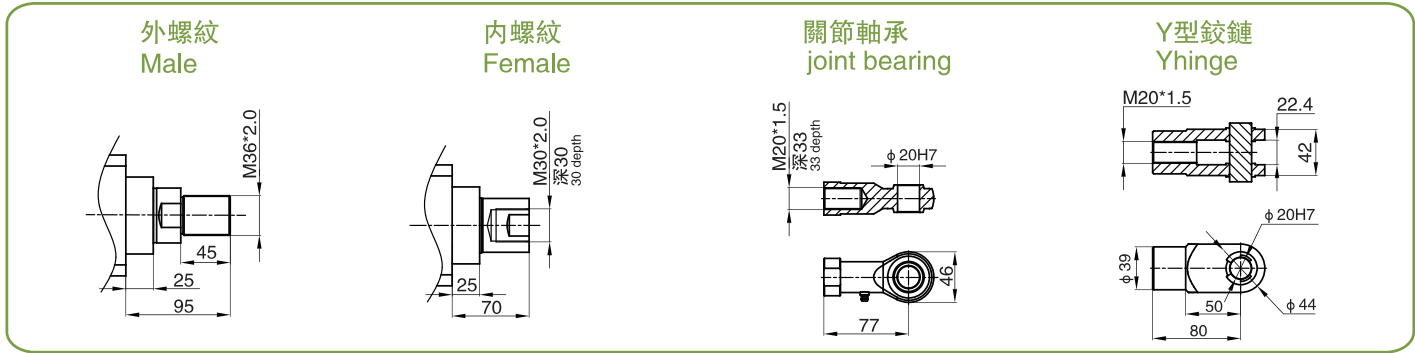
系列型號 Model	行程 stroke	精度等級 Accuracy grade C: 轉造C7 C: Transformation of C7 P: 研磨C5 P: Grinding C5	導程 Lead range 5 10	馬達安裝方式 motor Installation type D-直接安裝 D-Direct P-間接安裝 P-Transit	安裝方式 Installation mode FA-前法蘭 FA-Front Flange FB-後法蘭 FB-Back Flange TC-耳軸 TC-Trunnion LA-側面 LA-Side FG-前導向 FG-Front orientation CA-單耳環 CA-Single ring CB-雙耳環 CB-double Ring	前端接頭 Connection A-外螺紋 A-Male thread B-內螺紋 B-Female thread Y-Y型鉸鏈 Y-hinge J-關節軸承 J-Joint Bearin	Z-客戶自配電機 Z-Customer own motor 無-我司配電機 NO-Our company with motor	電機品牌 Motor brand LZ倫茨 LZ- Lenze PF-倍福 PF-BECKHOFF SM-西門子 SM-Siemens P-松下 P-Panasonic M-三菱 M-Mitsubishi Y-安川 Y-yaskawa T-臺達 T-delta O-其他 O-Others	速比 Ratio 無 NO 3 4 5 7 10	限位開關 limit switch T1=1個 T1=1 pc T2=2個 T2=2 Pcs T3=3個 T3=3 pcs
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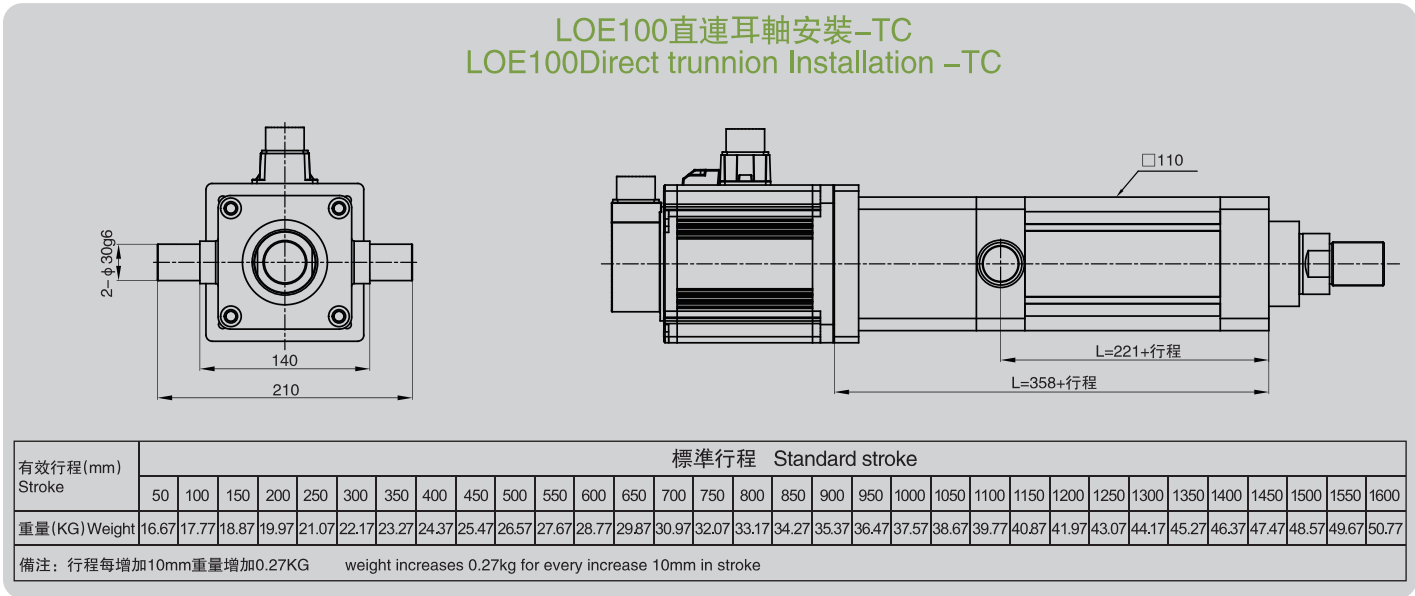
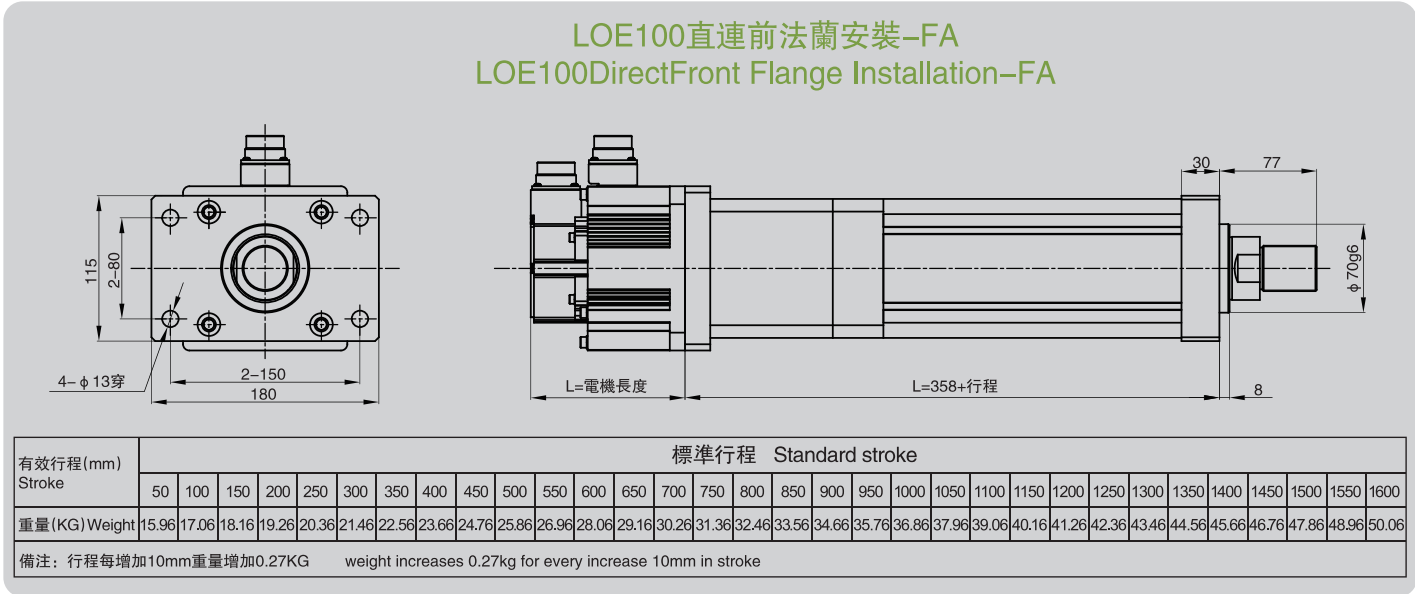
馬達出力 (W) Motor Power(W)	1000W(3000轉)	1000W(2000轉)	1500W (3000轉)	1500W (2000轉)
額定扭矩N.m Rated torqueN.m	3.18	4.77	4.77	7.16
傳動方式 Driving Mode	滾珠螺桿C7轉造\滾珠螺桿C5研磨(默認為C7) ball screw C7 rolled ball screw C5 grinding(de fault C7)			
重複定位精度 (mm) Repositioning Accuracy(mm)	±0.02/±0.01			
螺桿導程pitch(mm) Thread pitch(mm)	5	10	5	10
額定速度 (mm/sec) /減速 Max Speed(mm/sec)	250(1:1) 83(3:1) 63(4:1) 50(5:1)	500(1:1) 167(3:1) 125(4:1) 100(5:1)	167(1:1) 56(3:1)	333(1:1) 111(3:1) 83(4:1) 67(5:1)
額定推力 (N) /減速比 Rated Thrust (N)	3395(1:1) 10185(3:1) 13580(4:1) 16975(5:1)	1697(1:1) 5091(3:1) 6788(4:1) 8485(5:1) 10182(6:1) 11879(7:1) 13576(8:1) 15273(9:1)	5092(1:1) 15276(3:1) 2546(1:1) 7638(3:1) 10184(4:1) 12730(5:1) 15276(6:1)	2546(1:1) 7638(3:1) 10184(4:1) 12730(5:1) 15276(6:1)
有效行程 (mm) Effective Stroke(mm)	10-1600			
sensor 感應器 sensor	電子式磁性開關*3 solenoid switch*3			

馬達出力 (W) Motor Power(W)	2000W(3000轉)	2000W(2000轉)	3000W (3000轉)	3000W (2000轉)
額定扭矩N.m Rated torqueN.m	6.37	9.55	9.55	14.32
傳動方式 Driving Mode	滾珠螺桿C7轉造\滾珠螺桿C5研磨(默認為C7) ball screw C7 rolled ball screw C5 grinding(default C7)			
重複定位精度 (mm) Repositioning Accuracy(mm)	±0.02/±0.01			
螺桿導程pitch(mm) Thread pitch(mm)	5	10	5	10
額定速度 (mm/sec) /減速 Max Speed(mm/sec)	250(1:1)	500(1:1) 167(3:1) 125(4:1)	167(1:1)	333(1:1)
額定推力 (N) /減速比 Rated Thrust (N)	6800(1:1)	3400(1:1) 10200(3:1) 13600(4:1)	10196(1:1)	5098(1:1)
有效行程 (mm) Effective Stroke(mm)	10-1600			
sensor 感應器 sensor	電子式磁性開關*3 solenoid switch*3			

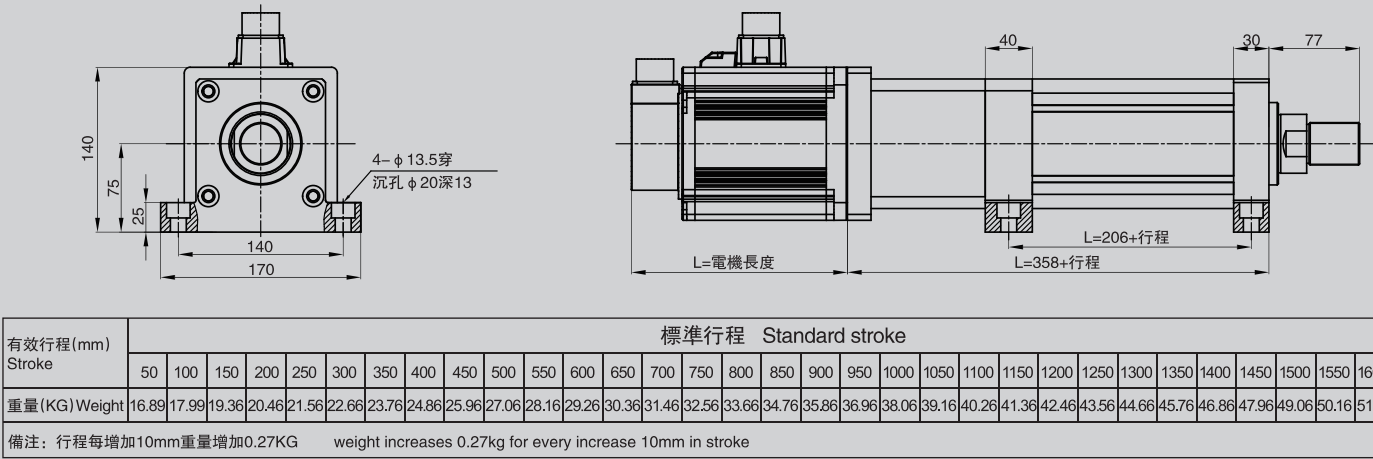
■ 前端連接方式
Front end connection mode



■ 直綫式
Linear cylinder

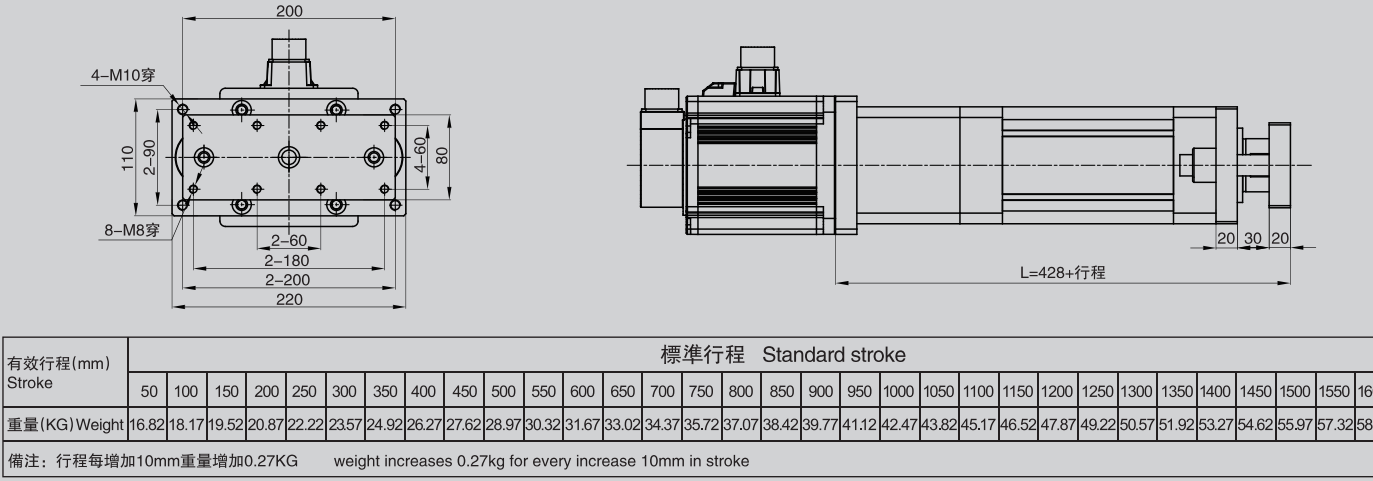


LOE100直連側面安裝-LA
LOE100Direct Side Installation-LA



有效行程(mm) Stroke	標準行程 Standard stroke																															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
重量(KG) Weight	16.89	17.99	19.36	20.46	21.56	22.66	23.76	24.86	25.96	27.06	28.16	29.26	30.36	31.46	32.56	33.66	34.76	35.86	36.96	38.06	39.16	40.26	41.36	42.46	43.56	44.66	45.76	46.86	47.96	49.06	50.16	51.26
備注：行程每增加10mm重量增加0.27KG weight increases 0.27kg for every increase 10mm in stroke																																

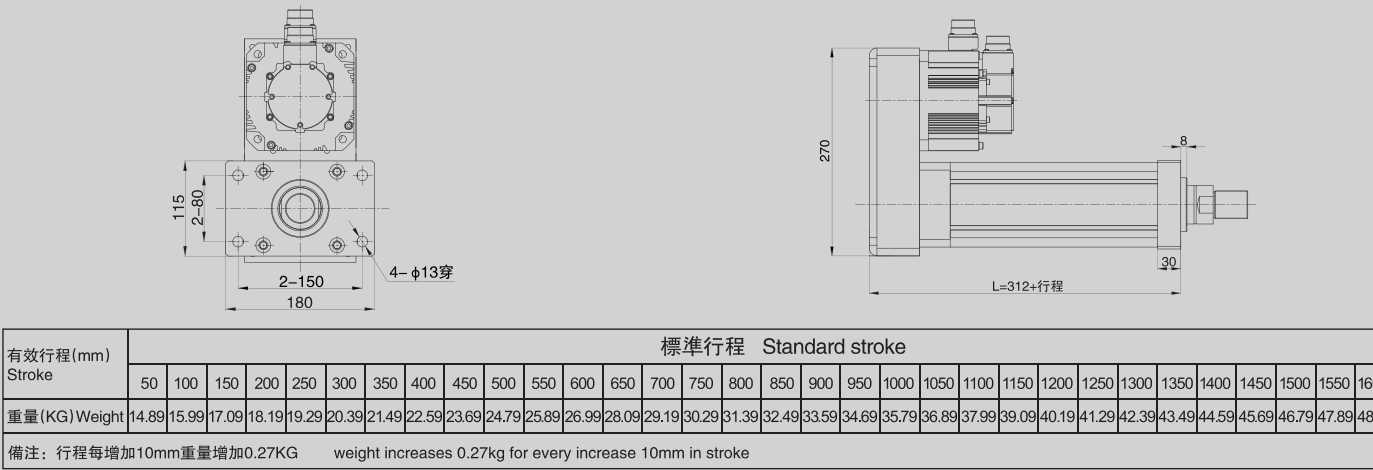
LOE100直連前導向安裝-FG
LOE100Direct Front Guide Installation-FG



有效行程(mm) Stroke	標準行程 Standard stroke																															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
重量(KG) Weight	16.82	18.17	19.52	20.87	22.22	23.57	24.92	26.27	27.62	28.97	30.32	31.67	33.02	34.37	35.72	37.07	38.42	39.77	41.12	42.47	43.82	45.17	46.52	47.87	49.22	50.57	51.92	53.27	54.62	55.97	57.32	58.67
備注：行程每增加10mm重量增加0.27KG weight increases 0.27kg for every increase 10mm in stroke																																

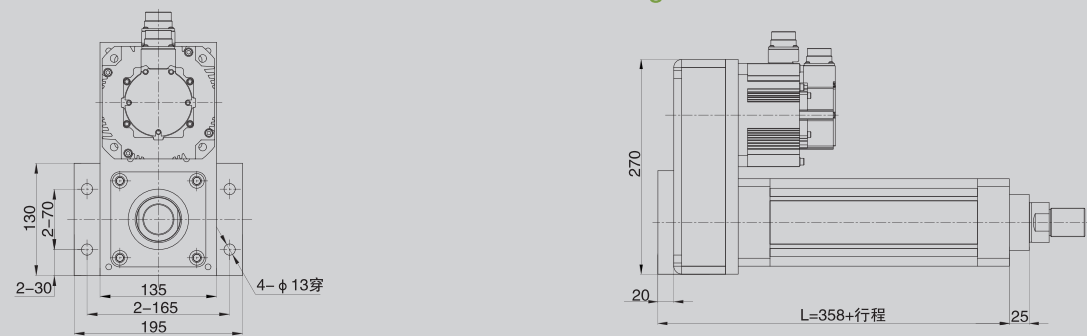
■ 轉折式
Transition type

LOE100轉折前法蘭安裝-FA
LOE100Transition Flange Installation-FA



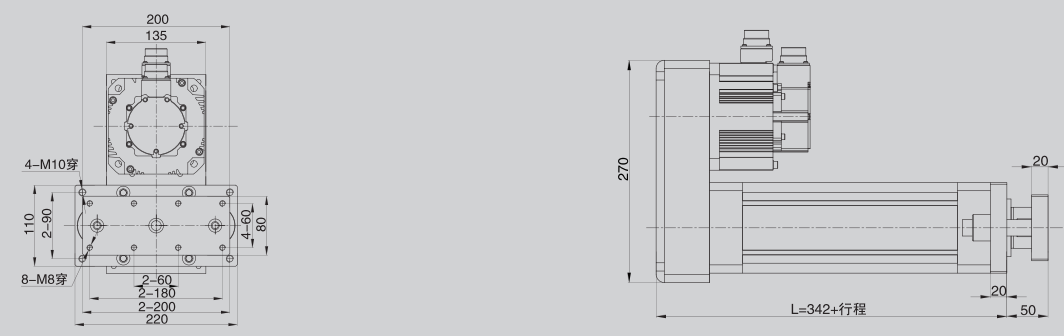
有效行程(mm) Stroke	標準行程 Standard stroke																															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
重量(KG) Weight	14.89	15.99	17.09	18.19	19.29	20.39	21.49	22.59	23.69	24.79	25.89	26.99	28.09	29.19	30.29	31.39	32.49	33.59	34.69	35.79	36.89	37.99	39.09	40.19	41.29	42.39	43.49	44.59	45.69	46.79	47.89	48.99
備注：行程每增加10mm重量增加0.27KG weight increases 0.27kg for every increase 10mm in stroke																																

LOE100轉折後法蘭安裝-FB
LOE100Transition backFlange Installation-FB



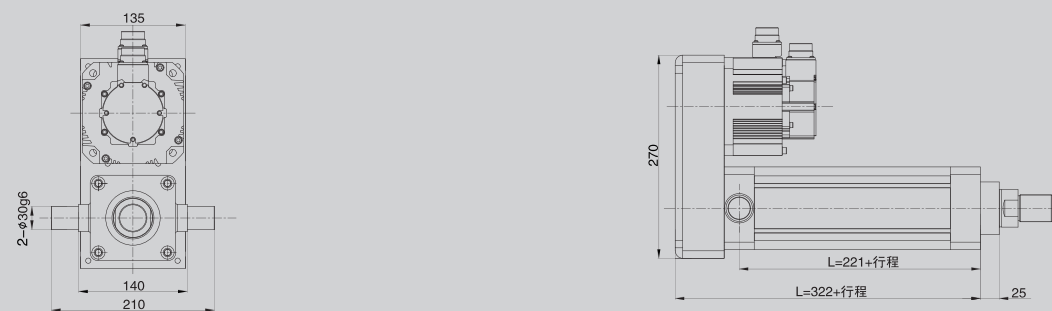
有效行程(mm) Stroke	標準行程 Standard stroke																															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
重量(KG) Weight	16.81	17.91	19.01	20.11	21.21	22.31	23.41	24.51	25.61	26.71	27.81	28.91	30.01	31.11	32.21	33.31	34.41	35.51	36.61	37.71	38.81	39.91	41.01	42.11	43.21	44.31	45.41	46.51	47.61	48.71	49.81	50.91
備注：行程每增加10mm重量增加0.19KG weight increases 0.19kg for every increase 10mm in stroke																																

LOE100轉折前導向安裝-FG
LOE100Transition Front Guide Installation-FG



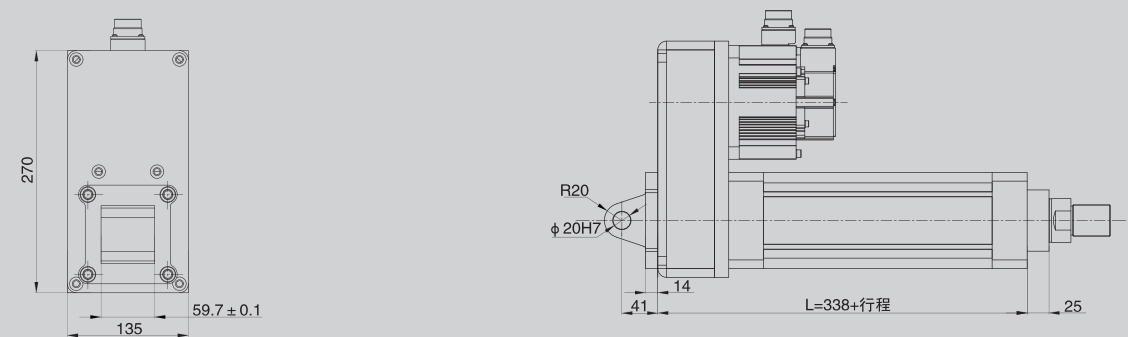
有效行程(mm) Stroke	標準行程 Standard stroke																															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
重量(KG) Weight	15.75	17.1	18.45	19.8	21.15	22.5	23.85	25.2	26.55	27.9	29.25	30.6	31.95	33.3	34.65	36	37.35	38.7	40.05	41.4	42.75	44.1	45.45	46.8	48.15	49.5	50.85	52.2	53.55	54.9	56.25	57.6
備注：行程每增加10mm重量增加0.27KG weight increases 0.27kg for every increase 10mm in stroke																																

LOE100轉折耳軸安裝-TC
LOE100Transition trunnion Installation-TC



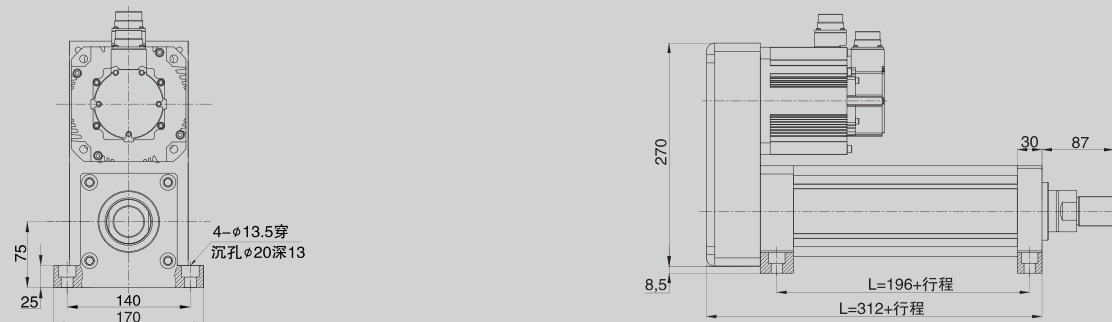
有效行程(mm) Stroke	標準行程 Standard stroke																															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
重量(KG) Weight	15.29	16.39	17.49	18.59	19.69	20.79	21.89	22.99	24.09	25.19	26.29	27.39	28.49	29.59	30.69	31.79	32.89	33.99	35.09	36.19	37.29	38.39	39.49	40.59	41.69	42.79	43.89	44.99	46.09	47.19	48.29	49.39
備注：行程每增加10mm重量增加0.19KG weight increases 0.19kg for every increase 10mm in stroke																																

LOE100 轉折尾鉸CA安裝
LOE100 Transition tail hinge CA installation



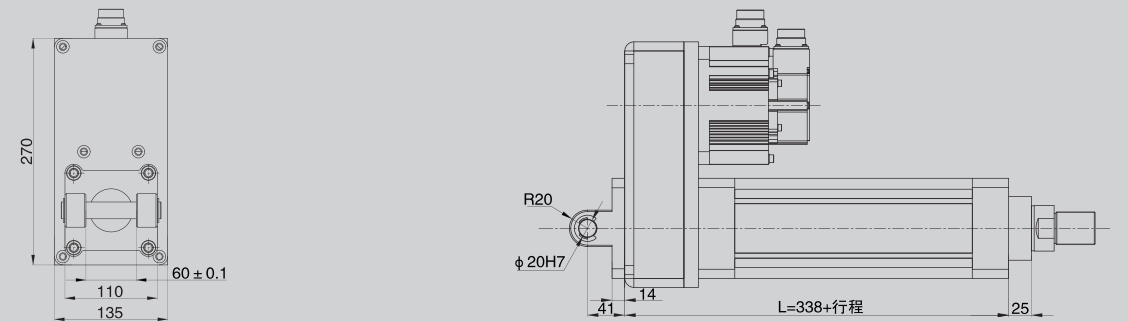
有效行程(mm) Stroke	標準行程 Standard stroke																															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
重量(KG) Weight	24.08	25.18	26.28	27.38	28.48	29.58	30.68	31.78	32.88	33.98	35.08	36.18	37.28	38.38	39.48	40.58	41.68	42.78	43.88	44.98	46.08	47.18	48.28	49.38	50.48	51.58	52.68	53.78	54.88	55.98	57.08	58.18
備注：行程每增加10mm重量增加0.19KG weight increases 0.19kg for every increase 10mm in stroke																																

LOE100轉折側面安裝-LA
LOE100Transition Side Installation-LA



有效行程(mm) Stroke	標準行程 Standard stroke																															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
重量(KG) Weight	15.82	16.92	18.02	19.12	20.22	21.32	22.42	23.52	24.62	25.72	26.82	27.92	29.02	30.12	31.22	32.32	33.42	34.52	35.62	36.72	37.82	38.92	40.02	41.12	42.22	43.32	44.42	45.52	46.62	47.72	48.82	49.92
備注：行程每增加10mm重量增加0.19KG weight increases 0.19kg for every increase 10mm in stroke																																

LOE100 轉折尾鉸CB安裝
LOE100 Transition tail hinge CB installation



有效行程(mm) Stroke	標準行程 Standard stroke																															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
重量(KG) Weight	24.19	25.29	26.39	27.49	28.59	29.69	30.79	31.89	32.99	34.09	35.19	36.29	37.39	38.49	39.59	40.69	41.79	42.89	43.99	45.09	46.19	47.29	48.39	49.49	50.59	51.69	52.79	53.89	54.99	56.09	57.19	58.29
備注：行程每增加10mm重量增加0.19KG weight increases 0.19kg for every increase 10mm in stroke																																

重載型電動缸
Heavy-duty electric cylinder

LDE系列特點
LDE series features

LDE系列电动缸结缸筒为高强度铝合金，其余各部分结构加强，内部使用导轨防转，1T及以上LDE系列产品除缸筒外，其余均是钢制材料。缸筒四周增加拉杆增加结构强度。

LDE系列结构牢靠，可靠性高。适应与精度、强度、使用可靠性高的场合，尤其适用于压机行业。

LDE系列传感器一般使用3个接近式开关，3线制，NPN两常闭一常开。

The cylinder barrel of LDE series electric cylinder is made of high-strength aluminum alloy, and the rest of the structure is reinforced, and guide rails are used inside to prevent rotation. Except for the cylinder barrel, the rest of LDE series products of 1T and above are made of steel. Tie rods are added around the cylinder to increase the structural strength.

The LDE series has a solid structure and high reliability. It is suitable for occasions with high precision, strength and reliability, especially in the press industry.

LDE series sensors generally use 3 proximity switches, 3-wire system, NPN two normally closed and one normally open.

重載型電動缸
Heavy-duty electric cylinder

型號表示
Model representation

LDE40-100-C-10-D-□-A-Z-0400W-B-JS□-T3

Table with 10 columns: Model, Stroke, Accuracy grade, Lead range, Motor installation method, Installation mode, Front end connection, Motor brand, Motor power, Limit switch. It lists various specifications and options for the LDE series electric cylinder.

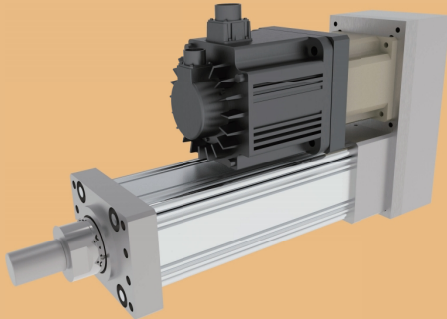
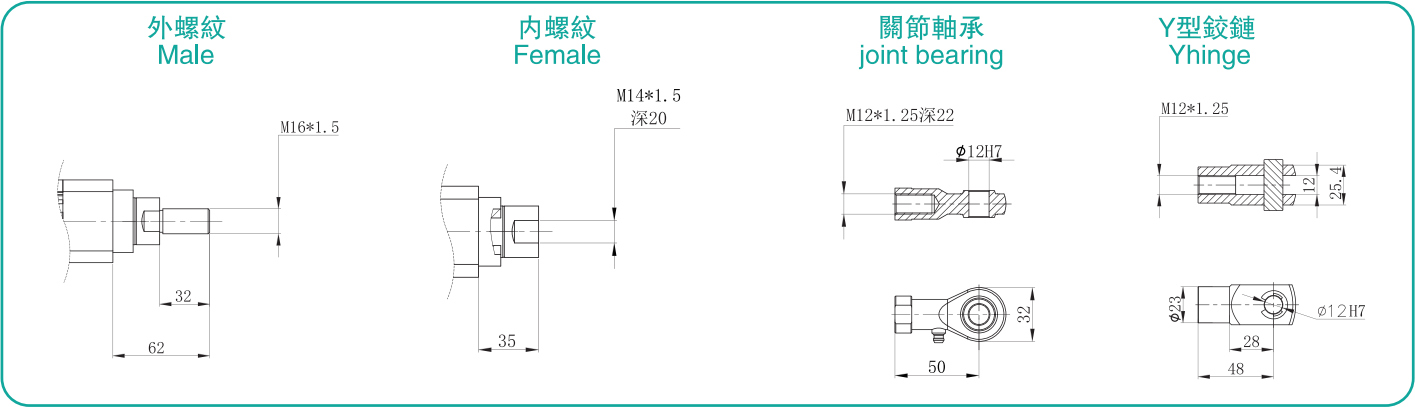


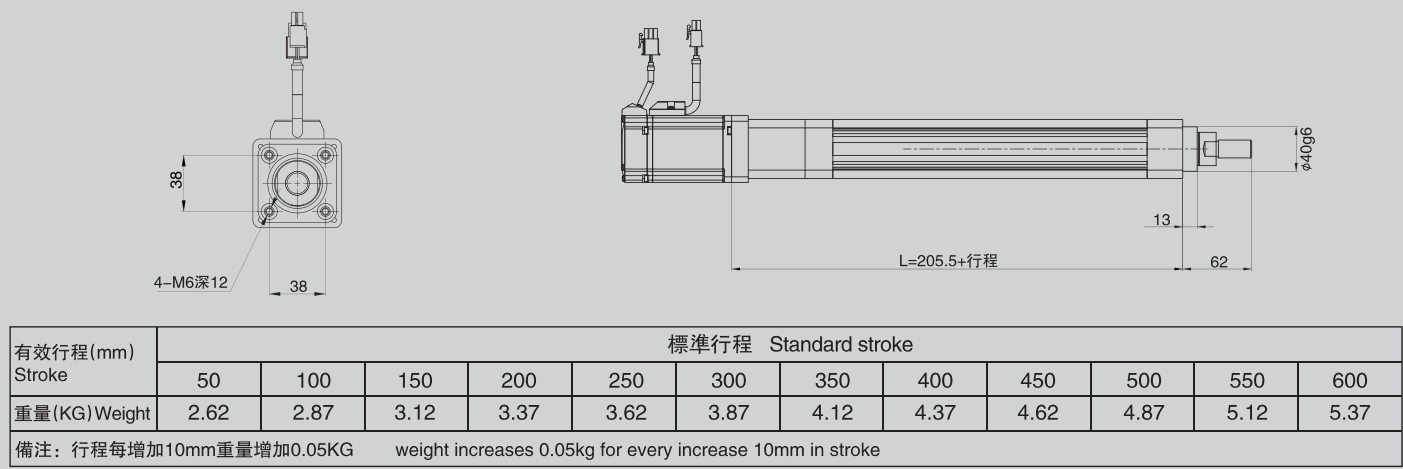
Table titled 'LDE40 (最大負載200KG)' showing technical specifications. It includes rows for Motor Power (W), Rated torque (N.m), Driving Mode, Repositioning Accuracy (mm), Thread pitch (mm), Max Speed (mm/sec), rated thrust (N), Effective Stroke (mm), and Magnetic switch.

可選前端連接附件
Optional Front End Connection Accessories

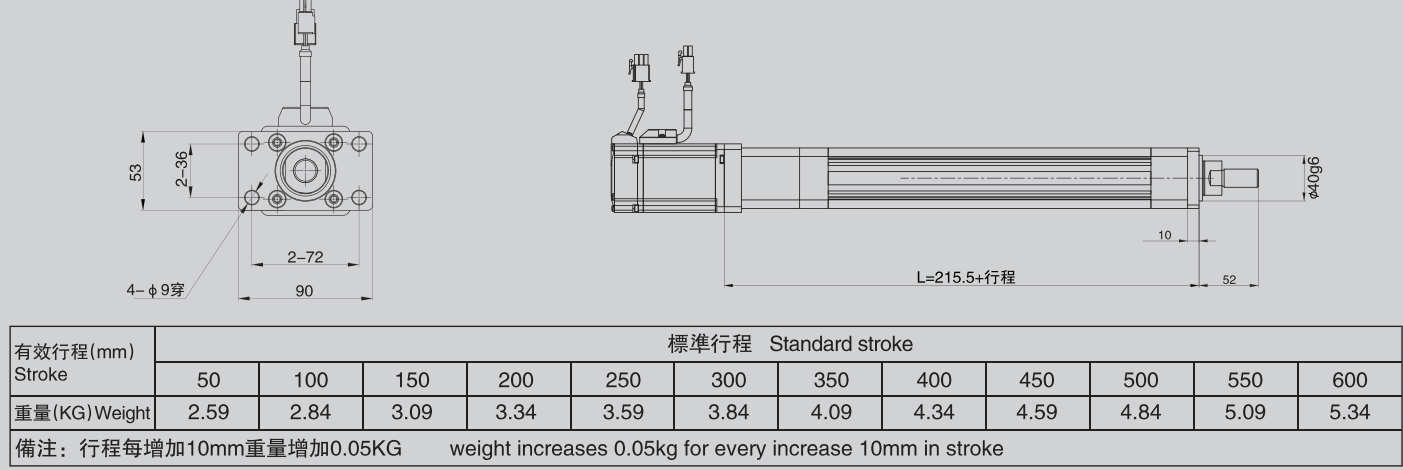


■直線式
Linear cylinder

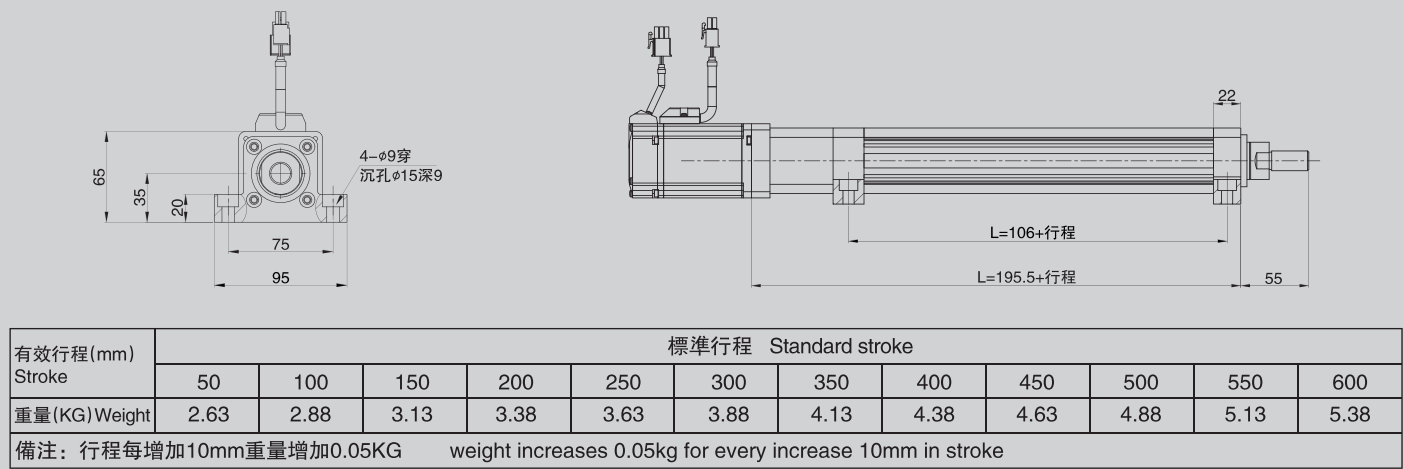
LDE40 直連前端蓋安裝
LDE40 Direct Front Cap Installation



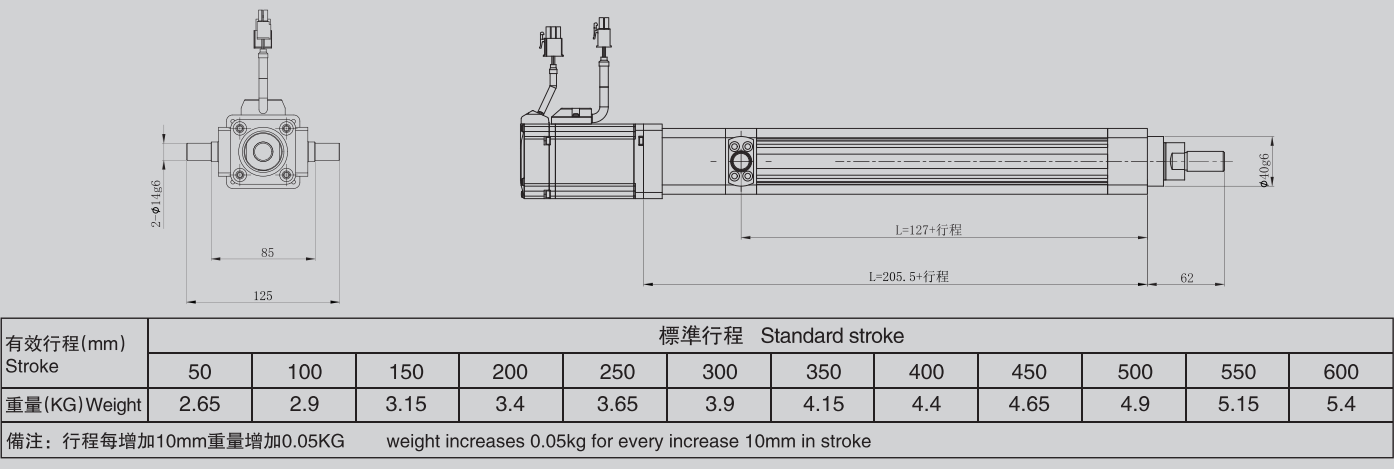
LDE40 直連前法蘭安裝-FA
LDE40 DirectFront Flange Installation-FA



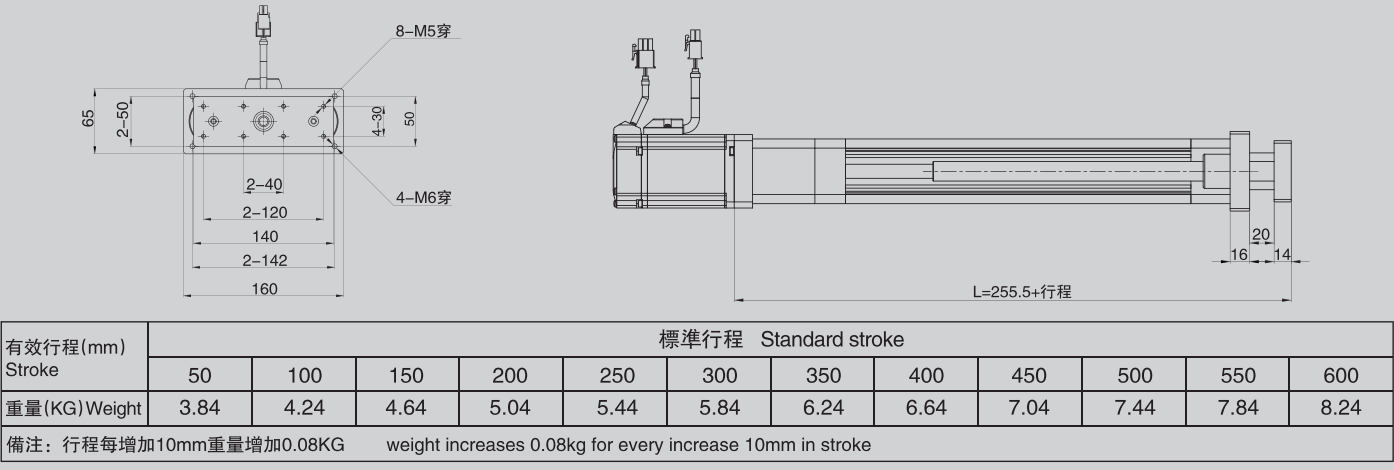
LDE40 直連側面安裝-LA
LDE40 Direct Side Installation-LA



LDE40 直連耳軸安裝-TC
LDE40 Direct trunnion Installation -TC

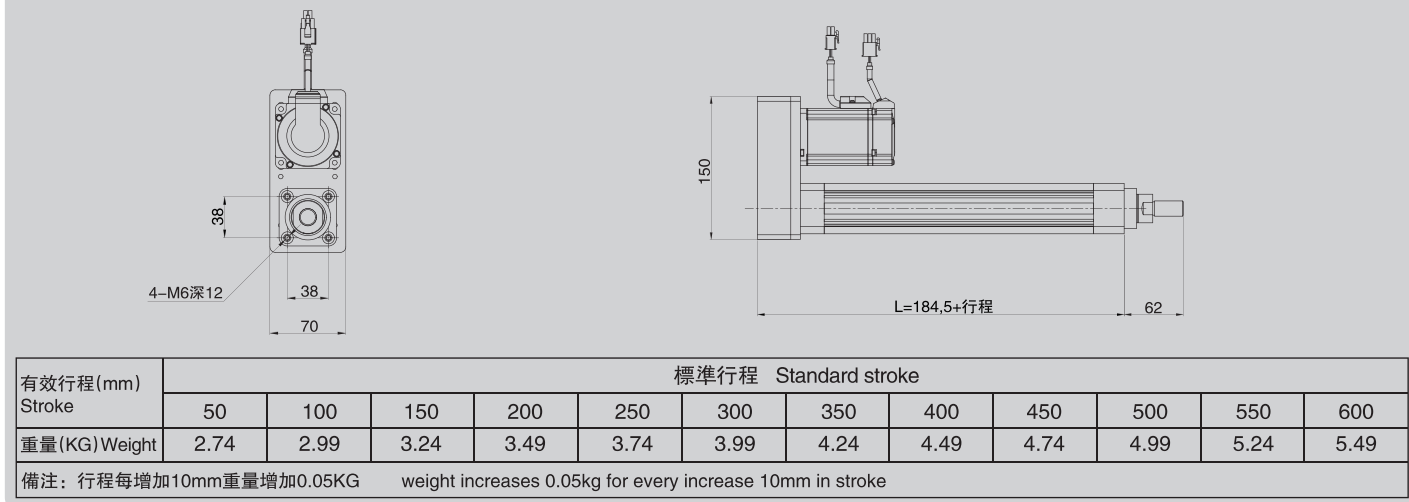


LDE40 直連前導向安裝-FG
LDE40 Direct Front Guide Installation-FG

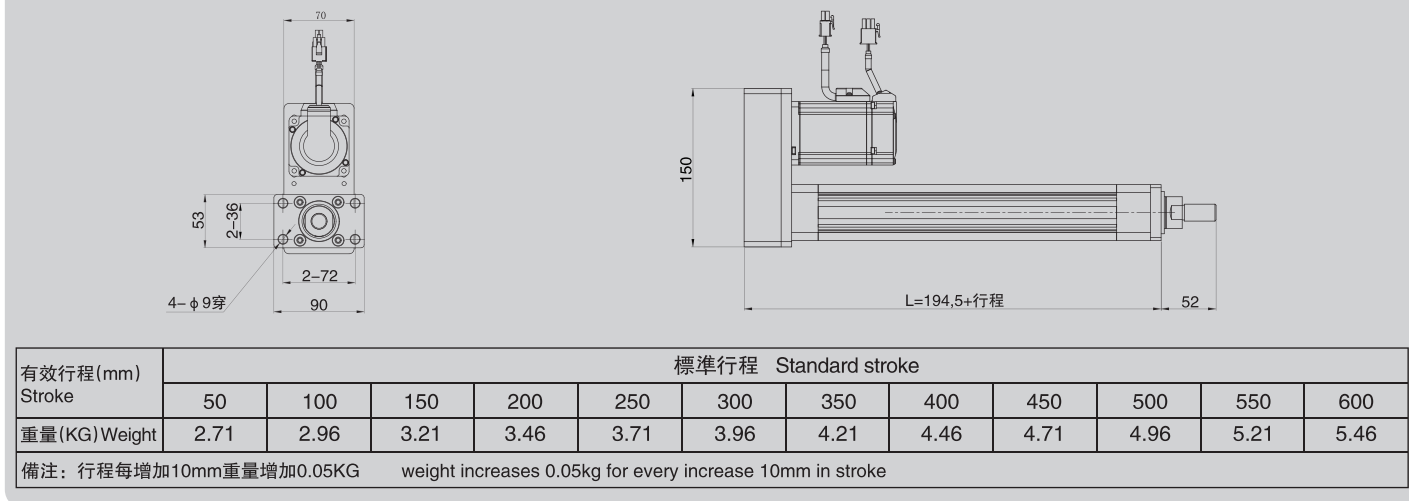


■ 轉折式
Transition Type

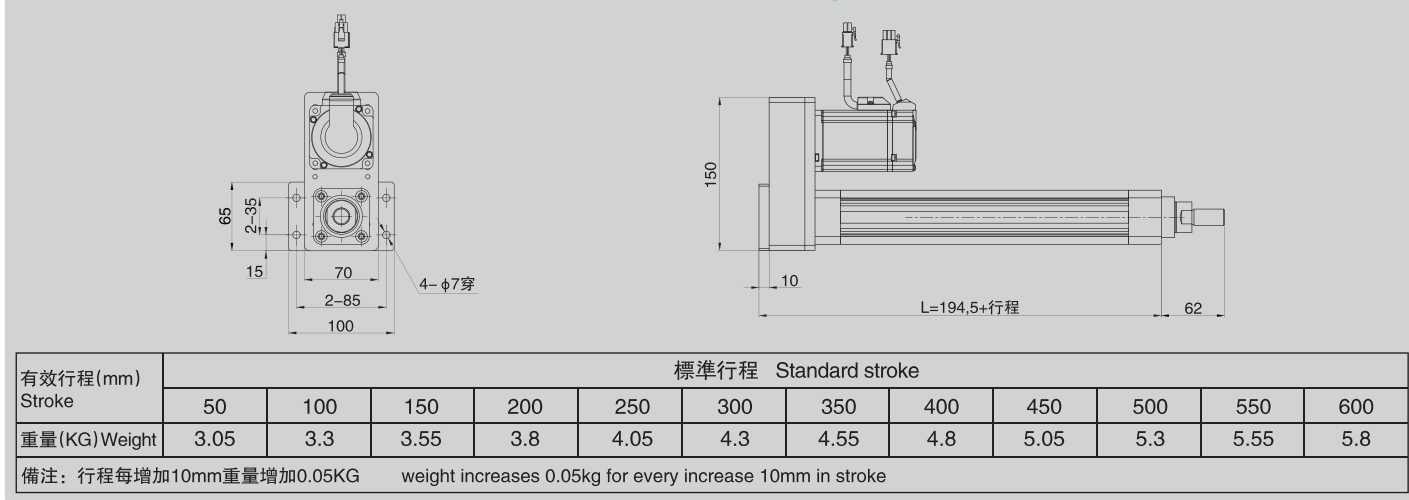
LDE40 轉折前端蓋安裝
LDE40 Transition Front Cap Installation



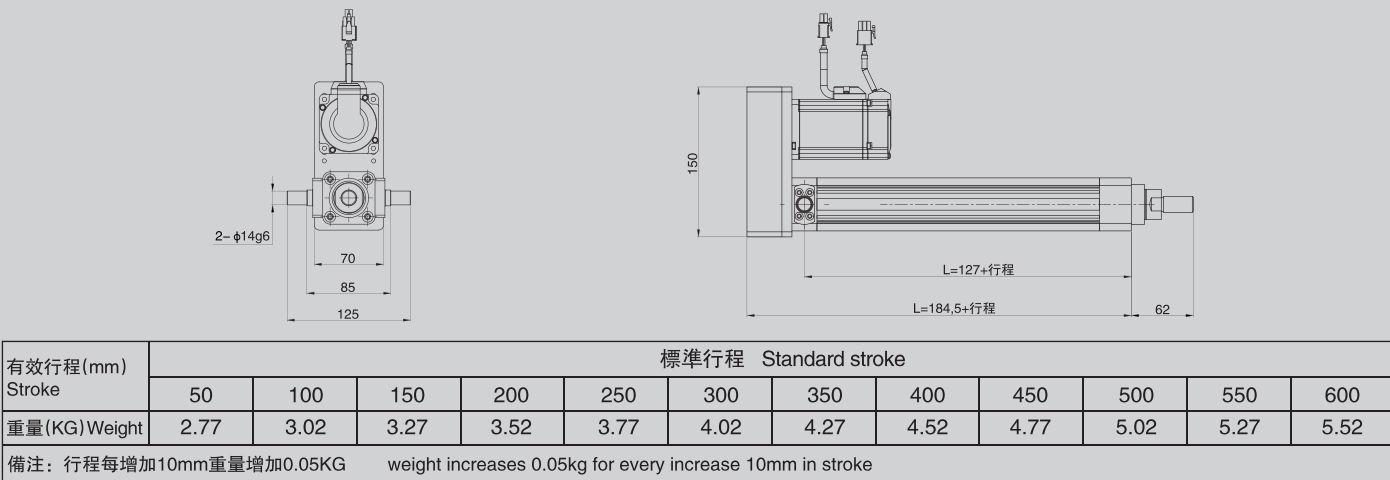
LDE40 轉折前法蘭安裝-FA
LDE40 Transition Flange Installation-FA



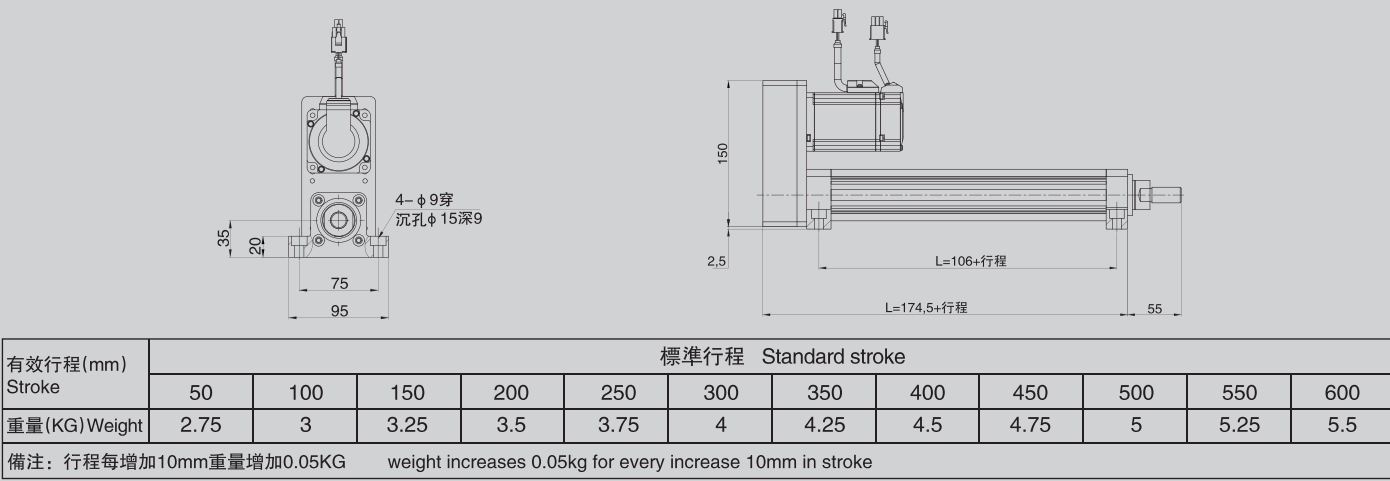
LDE40 轉折後法蘭安裝-FB
LDE40 Transition backFlange Installation-FB



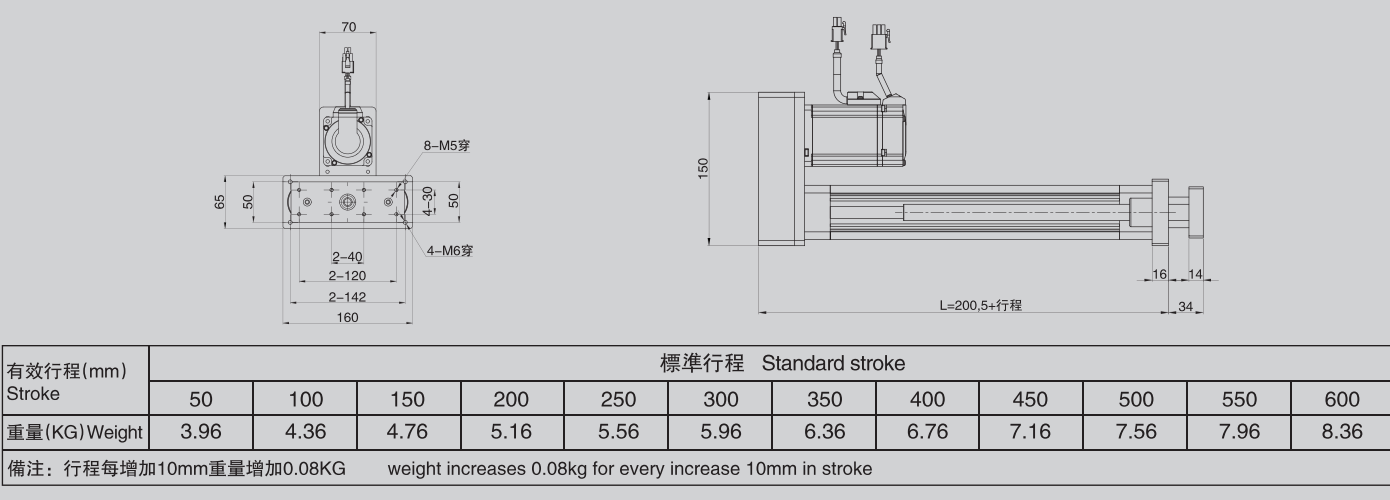
LDE40 轉折耳軸安裝-TC
LDE40 Transition trunnion Installation-TC



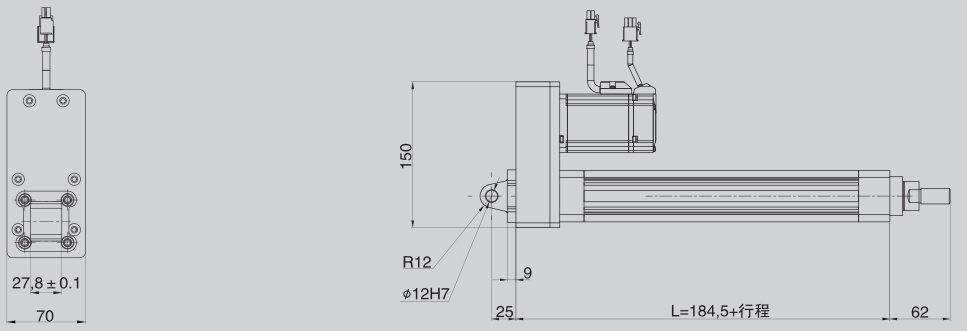
LDE40 轉折側面安裝-LA
LDE40 Transition Side Installation-LA



LDE40 轉折前導向安裝-FG
LDE40 Transition Front Guide Installation-FG

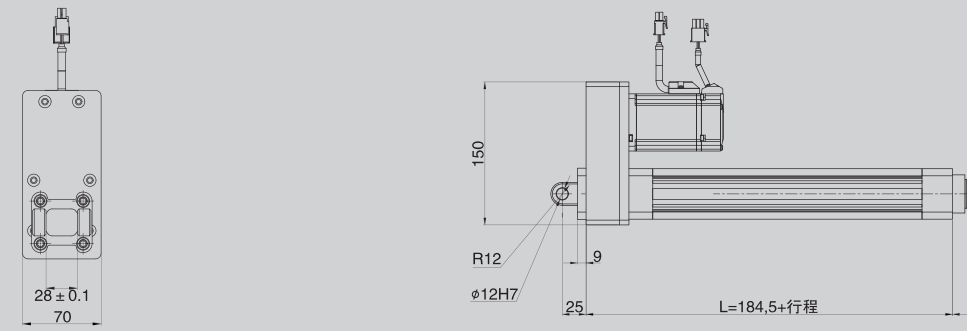


LDE40 轉折單耳環安裝-CA
LDE40 Turn Single Earring Mount – CA



有效行程(mm) Stroke	標準行程 Standard stroke											
	50	100	150	200	250	300	350	400	450	500	550	600
重量(KG) Weight	3.2	3.45	3.7	3.95	4.2	4.45	4.7	4.95	5.2	5.45	5.7	5.95
備注：行程每增加10mm重量增加0.05KG weight increases 0.05kg for every increase 10mm in stroke												

LDE40 轉折雙耳環安裝-CB
LDE40 Turn Double Earring Mount – CB



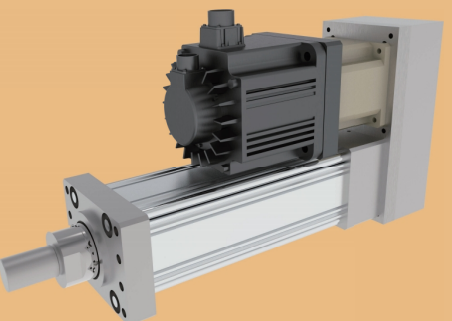
有效行程(mm) Stroke	標準行程 Standard stroke											
	50	100	150	200	250	300	350	400	450	500	550	600
重量(KG) Weight	3.05	3.3	3.55	3.8	4.05	4.3	4.55	4.8	5.05	5.3	5.55	5.8
備注：行程每增加10mm重量增加0.05KG weight increases 0.05kg for every increase 10mm in stroke												

重載型電動缸 Heavy-duty electric cylinder

型號表示 Model representation

LDE50 – 100 – C – 10 – D – □ – A – Z – 0 400W – B – JS□ – T 3

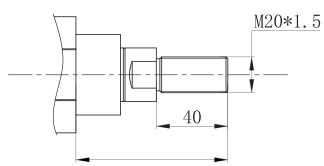
系列型號 Model	行程 Stroke	精度等級 Accuracy grade C: 轉造C7 C:Transformation of C7 P: 研磨C5 P:GrindingC5	導程 Lead range 05 10	電機安裝方式 Motor installation method D-直連安裝 D-Direct installation P-轉折安裝 P-Turn installation	安裝方式 Installation mode FA-前法蘭 FA-Front Flange FB-後法蘭 FB-Back Flange TC-耳軸 TC-Trunnion LA-側面 LA-Side CA-單耳環 CA-Single ring CB-雙耳環 CB-double Ring	前端接頭 Connection A-外螺紋 A-Male thread B-內螺紋 B-Female thread Y-Y型鉸鏈 Y-Y hinge J-關節軸承 J-Joint Bearing	Z-客戶自配電機 Z-Customer own motor 無-我司配電機 NO-Our company with motor	電機品牌 Motor brand LZ-倫茨 LZ- Lenze PF-倍福 PF-BECKHOFF SM-西門子 SM-Siemens P-松下 P-Panasonic M-三菱 M-Mitsubishi Y-安川 Y-yaskawa T-臺達 T-delta O-其他 O-Others	速比 Ratio 無 NO 3 4 5 7 10	限位開關 limit switch T1=1個 T1=1 pc T2=2個 T2=2 pcs T3=3個 T3=3 pcs
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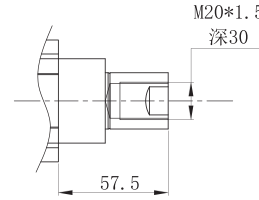
LDE50（最大負載500KG）				
馬達出力 (W) Motor Power(W)	200W(3000轉)		400W(3000轉)	
額定扭矩N.m Rated torqueN,m	0.63		1.27	
傳動方式 Driving Mode	滾珠螺桿C7轉造\滾珠螺桿C5研磨(默認為C7) ball screw C7 rolled ball screw C5 grinding(default C7)			
重復定位精度 (mm) Repositioning Accuracy(mm)	± 0.02/±0.01			
螺桿導程pitch(mm) Thread pitch(mm)	5	10	5	10
額定速度 (mm/sec) /減速 Max Speed(mm/sec)	250(1:1) 83.3(3:1) 62.5(4:1)	50(5:1) 35.7(7:1)	500(1:1) 166(3:1) 125(4:1) 50(10:1)	250(1:1) 83.3(3:1)
額定推力 (N) /減速比 rated thrust (N)	680(1:1) 2000(3:1) 2720(4:1) 3400(5:1) 4760(7:1)	340(1:1) 1020(3:1) 1360(4:1) 1700(5:1) 2380(7:1) 3400(10:1)	1360(1:1) 4080(3:1)	680(1:1) 2040(3:1) 2720(4:1) 3400(5:1) 4760(7:1)
有效行程 (mm) Effective Stroke(mm)	10-800			
感應器 Sensor	磁開關*3 Magnetic switch*3			

可選前端連接附件 Optional Front End Connection Accessories

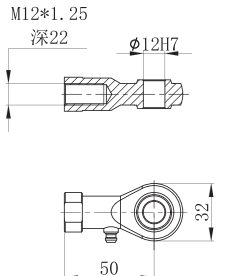
外螺紋
Male



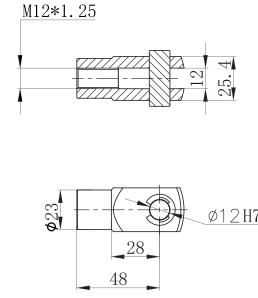
內螺紋
Female



關節軸承
joint bearing

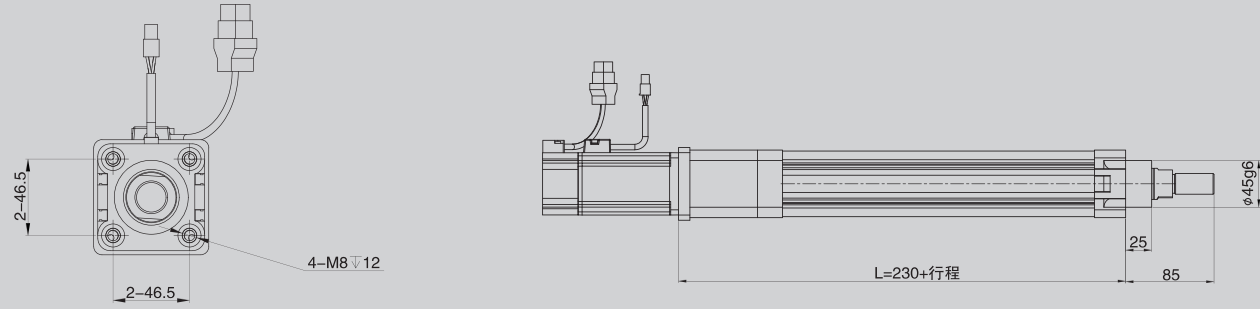


Y型鉸鏈
Yhinge



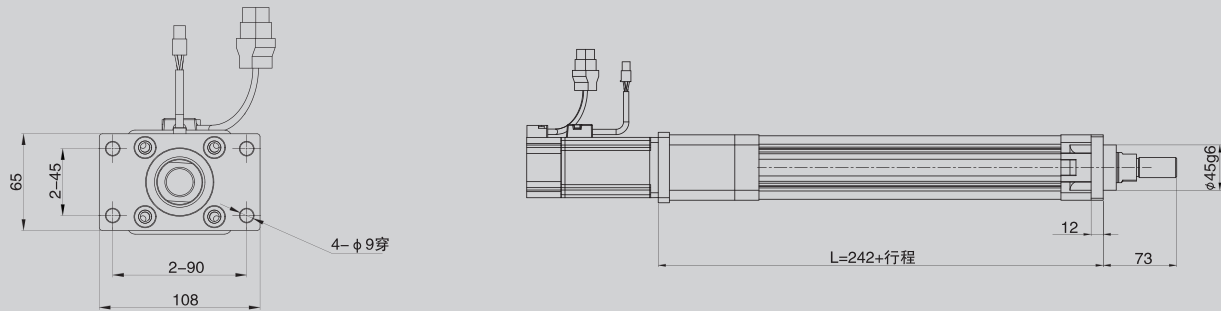
■直線式
Linear cylinder

LDE50 直連前端蓋安裝
LDE50 Direct Front Cap Installation



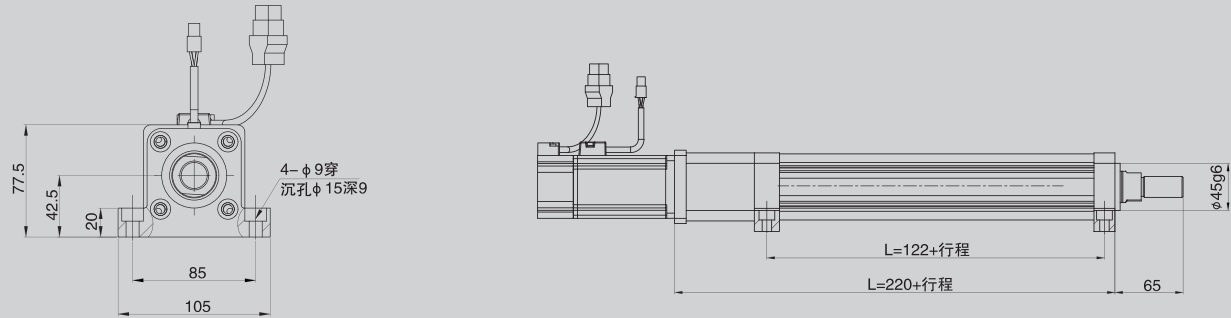
有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG)Weight	4.07	4.57	5.07	5.57	6.07	6.57	7.07	7.57	8.07	8.57	9.07	9.57	10.07	10.57	11.07	11.57
備注：行程每增加10mm重量增加0.1KG weight increases 0.1kg for every increase 10mm in stroke																

LDE50 直連前法蘭安裝-FA
LDE50 DirectFront Flange Installation-FA



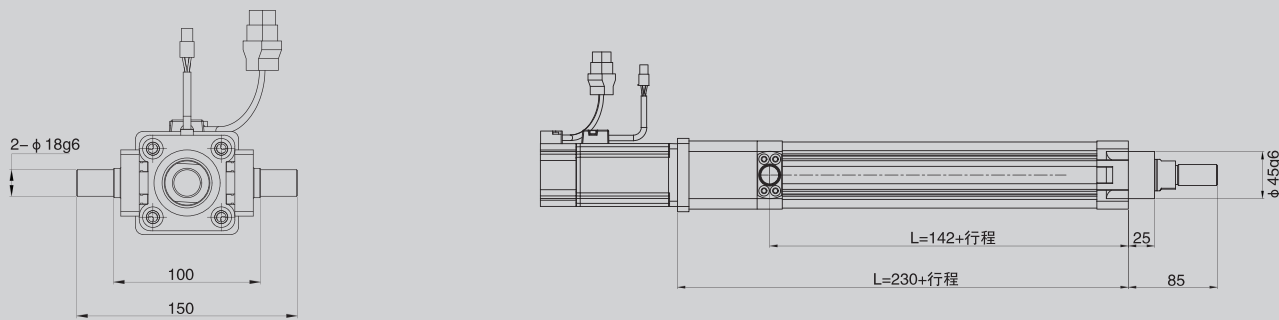
有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG)Weight	3.95	4.45	4.95	5.45	5.95	6.45	6.95	7.45	7.95	8.45	8.95	9.45	9.95	10.45	10.95	11.45
備注：行程每增加10mm重量增加0.1KG weight increases 0.1kg for every increase 10mm in stroke																

LDE50 直連側面安裝-LA
LDE50 Direct Side Installation-LA



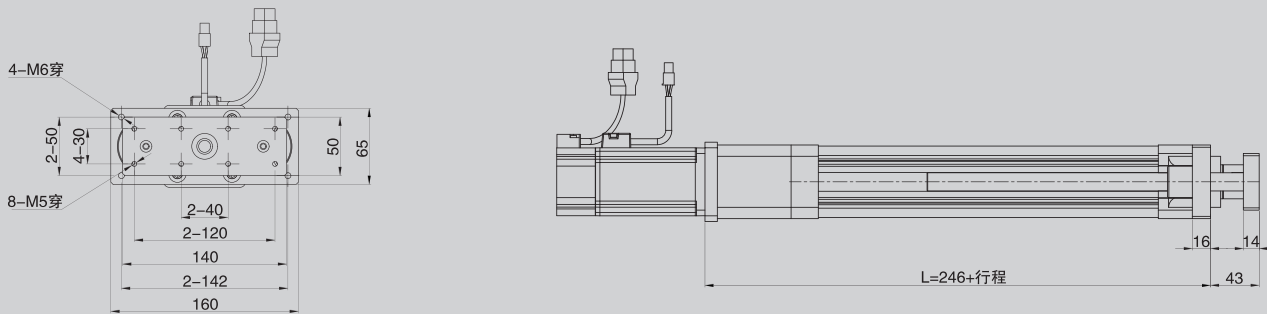
有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG)Weight	4.15	4.65	5.15	5.65	6.15	6.65	7.15	7.65	8.15	8.65	9.15	9.65	10.15	10.65	11.15	11.65
備注：行程每增加10mm重量增加0.1KG weight increases 0.1kg for every increase 10mm in stroke																

LDE50 直連耳軸安裝-TC
LDE50 Direct trunnion Installation -TC



有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG)Weight	4.11	4.61	5.11	5.61	6.11	6.61	7.11	7.61	8.11	8.61	9.11	9.61	10.11	10.61	11.11	11.61
備注：行程每增加10mm重量增加0.1KG weight increases 0.1kg for every increase 10mm in stroke																

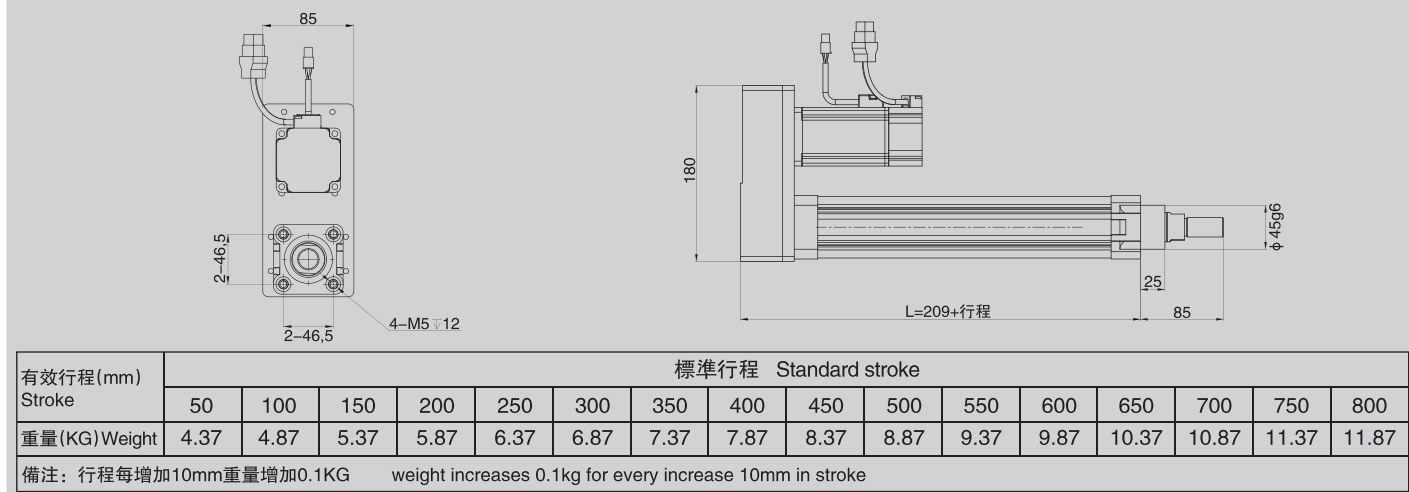
LDE50 直連前導向安裝-FG
LDE50 Direct Front Guide Installation-FG



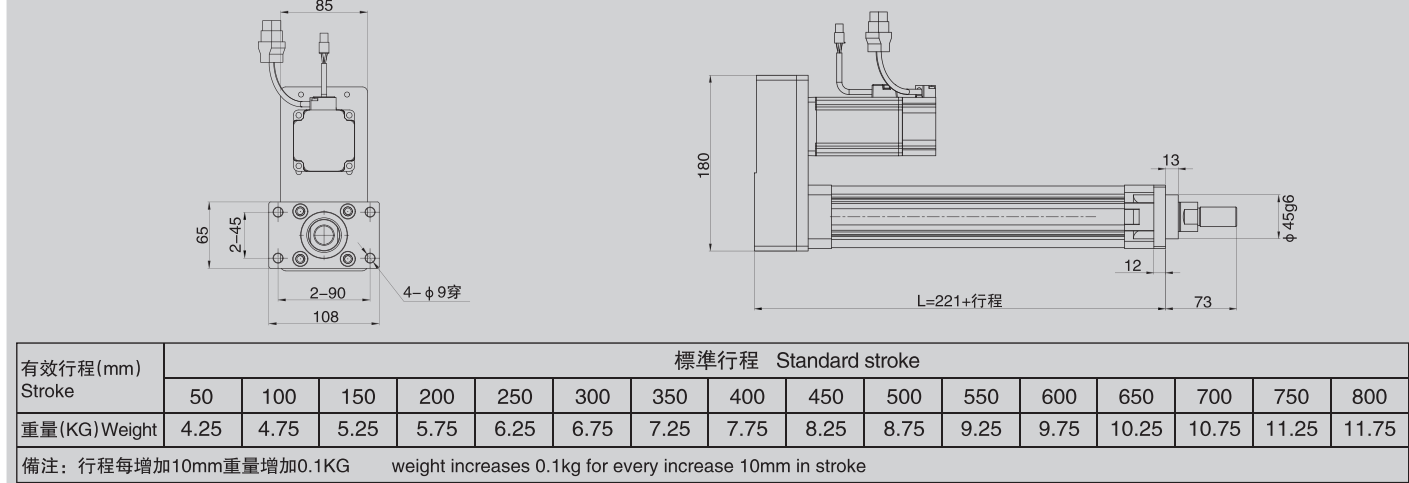
有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG)Weight	5.2	5.75	6.3	6.85	7.4	7.95	8.5	9.05	9.6	10.15	10.7	11.25	11.8	12.35	12.9	13.45
備注：行程每增加10mm重量增加0.11KG weight increases 0.11kg for every increase 10mm in stroke																

■ 轉折式
Transition Type

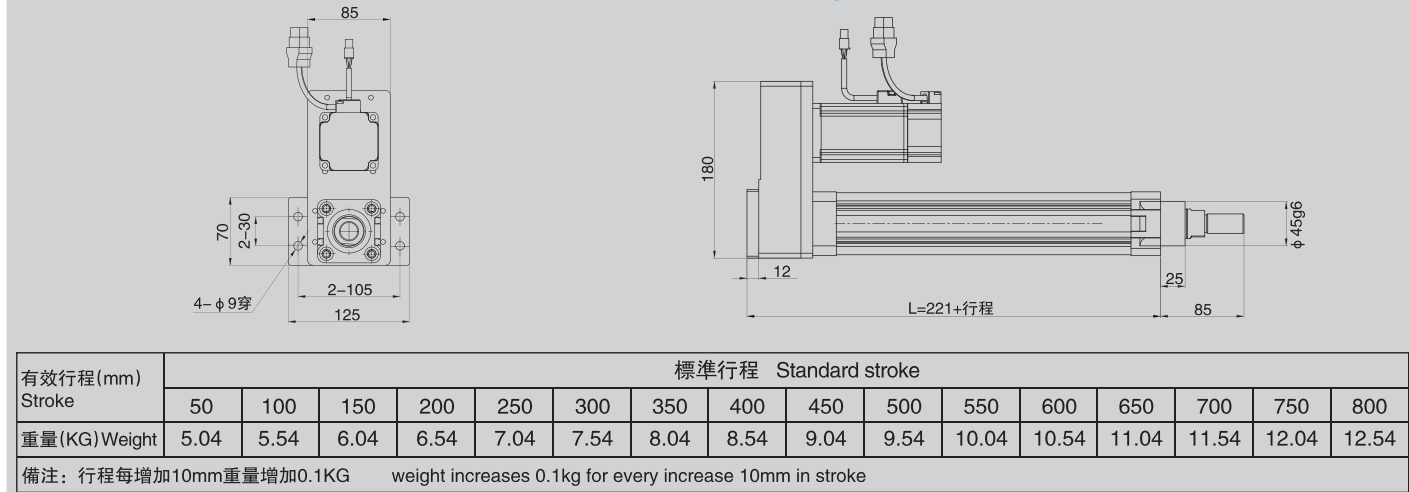
LDE50 轉折前端蓋安裝
LDE50 Transition Front Cap Installation



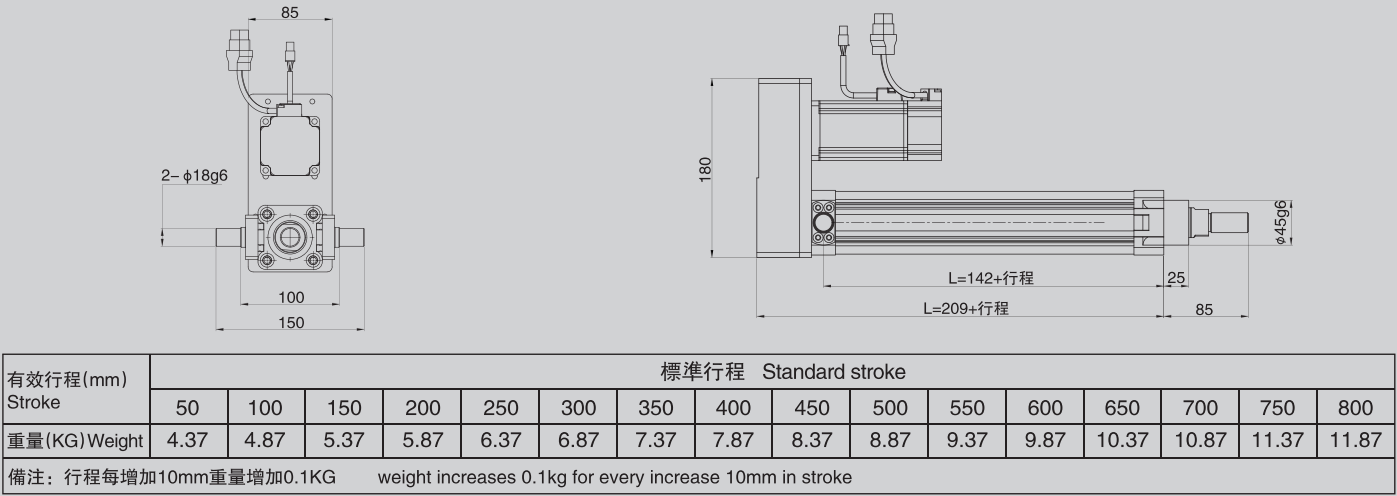
LDE50 轉折前法蘭安裝-FA
LDE50 Transition Flange Installation-FA



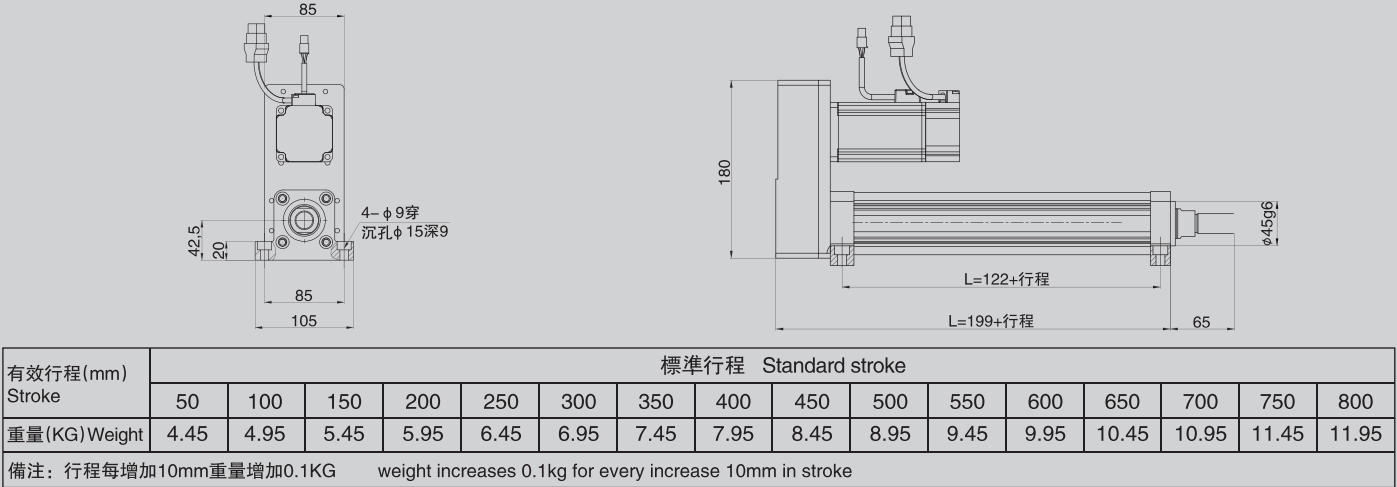
LDE50 轉折後法蘭安裝-FB
LDE50 Transition backFlange Installation-FB



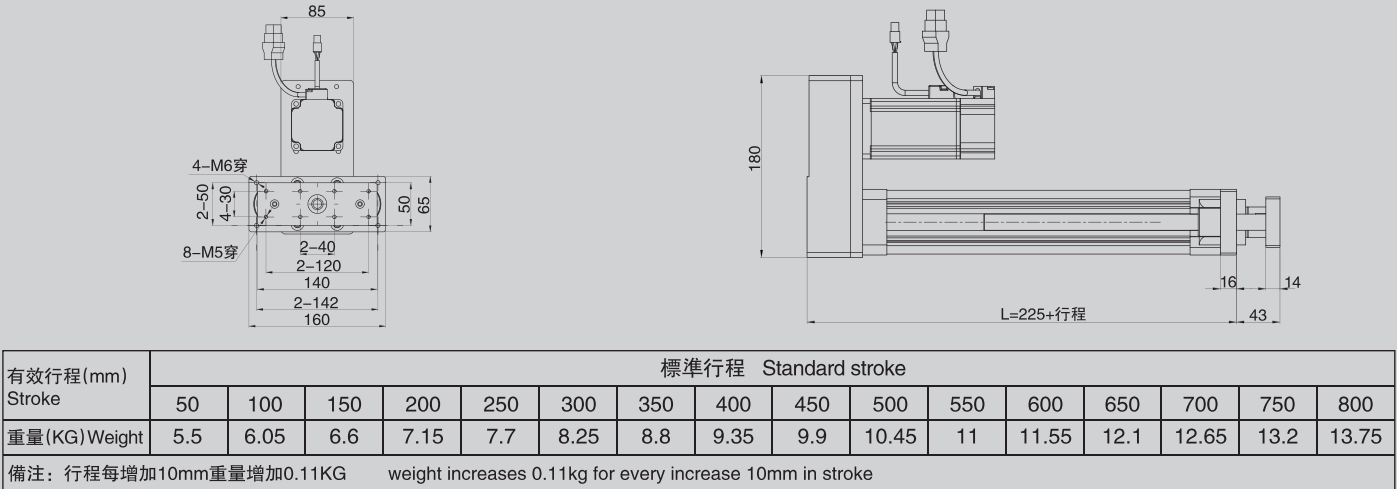
LDE50 轉折耳軸安裝-TC
LDE50 Transition trunnion Installation-TC



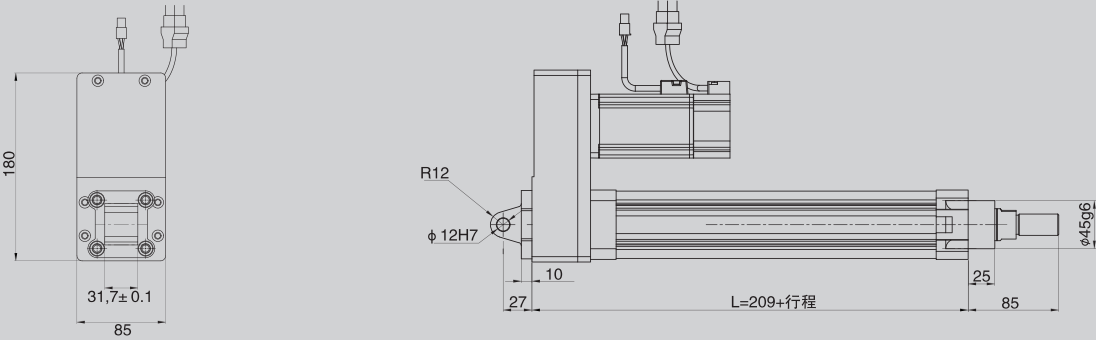
LDE50 轉折側面安裝-LA
LDE50 Transition Side Installation-LA



LDE50 轉折前導向安裝-FG
LDE50 Transition Front Guide Installation-FG

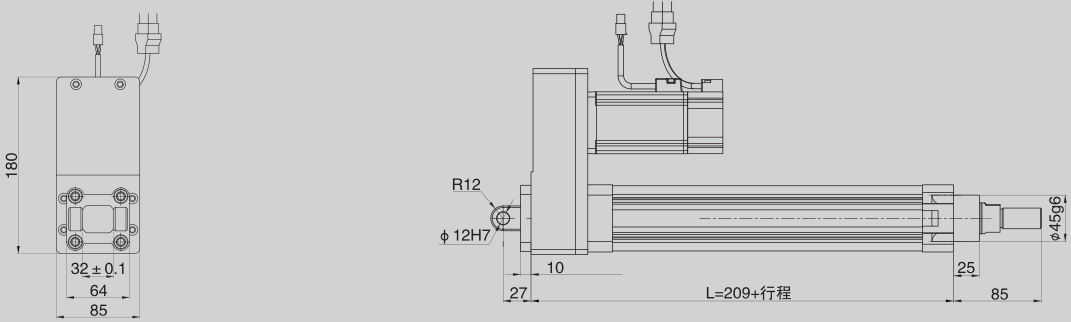


LDE50 轉折單耳環安裝-CA
LDE50 Turn Single Earring Mount – CA



有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG)Weight	5.37	5.87	6.37	6.87	7.37	7.87	8.37	8.87	9.37	9.87	10.37	10.87	11.37	11.87	12.37	12.87
備注：行程每增加10mm重量增加0.1KG weight increases 0.1kg for every increase 10mm in stroke																

LDE50 轉折雙耳環安裝-CB
LDE50 Turn Double Earring Mount – CB



有效行程(mm) Stroke	標準行程 Standard stroke															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
重量(KG)Weight	5.33	5.83	6.33	6.83	7.33	7.83	8.33	8.83	9.33	9.83	10.33	10.83	11.33	11.83	12.33	12.83
備注：行程每增加10mm重量增加0.1KG weight increases 0.1kg for every increase 10mm in stroke																

重載型電動缸

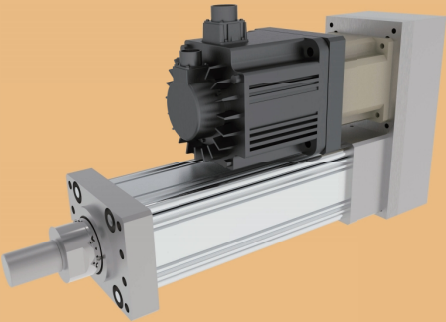
Heavy-duty electric cylinder

型號表示

Model representation

LDE63 – 100 – C – 10 – D – □ – A – Z – 0 400W – B – JS□ – T 3

系列型號 Model	行程 Stroke	精度等級 Accuracy grade C: 轉造C7 C:Transformation of C7 P: 研磨C5 P:GrindingC5	導程 Lead range 05 10	電機安裝方式 Motor installation method D-直連安裝 D-Direct installation P-轉折安裝 P-Turn installation	安裝方式 Installation mode FA-前法蘭 FA-Front Flange FB-後法蘭 FB-Back Flange TC-耳軸 TC-Trunnion LA-側面 LA-Side CA-單耳環 CA-Single ring CB-雙耳環 CB-double Ring	前端接頭 Connection A-外螺紋 A-Male thread B-內螺紋 B-Female thread Y-Y型鉸鏈 Y-Y hinge J-關節軸承 J-Joint Bearin	Z-客戶自配電機 Z-Customer own motor 無-我司配電機 NO-Our company with motor	電機品牌 Motor brand LZ-倫茨 LZ- Lenze PF-倍福 PF-BECKHOFF SM-西門子 SM-Siemens P-鬆下 P-Panisonic M-三菱 M-Mitsubishi Y-安川 Y-yaskawa T-臺達 T-delta O-其他 O-Others	B-帶剎車 B-With brake 無-無剎車 NO-No brake	速比 Ratio 無 NO 3 4 5 7 10	限位開關 limit switch T1=1個 T1=1 pc T2=2個 T2=2 Pcs T3=3個 T3=3 pcs
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LDE63（最大負載1000KG）				
馬達出力 (W) Motor Power(W)	400W(3000轉)		750W(3000轉)	
額定扭矩N.m Rated torqueN.m	1.27		2.4	
傳動方式 Driving Mode	滾珠螺桿C7轉造\滾珠螺桿C5研磨(默認為C7) ball screw C7 rolled ball screw C5 granding(default C7)			
重復定位精度 (mm) Repositioning Accuracy(mm)	± 0.02/±0.01			
螺桿導程pitch(mm) Thread pitch(mm)	5	10	5	10
額定速度 (mm/sec) /減速 Max Speed(mm/sec)	250(1:1) 30(5:1) 83.3(3:1) 35(7:1) 62.5(4:1)	500(1:1) 71(7:1) 166(3:1) 50(10:1) 125(4:1) 41(12:1) 100(5:1) 33(15:1)	250(1:1) 50(5:1) 83.3(3:1) 35(7:1) 62.5(4:1)	500(1:1) 100(5:1) 166(3:1) 71(7:1) 125(4:1)
額定推力 (N) /減速比 rated thrust (N)	1360(1:1) 4080(3:1) 5440(4:1) 6800(5:1) 9520(7:1)	680(1:1) 4760(7:1) 2040(3:1) 6800(10:1) 2720(4:1) 8160(12:1) 3400(5:1) 10200(15:1)	1360(1:1) 4080(3:1) 5440(4:1) 6800(5:1) 9520(7:1)	1275(1:1) 3825(3:1) 5100(4:1) 6375(5:1) 8925(7:1)
有效行程 (mm) Effective Stroke(mm)	10-1000			
感應器 Sensor	磁開關*3 Magnetic switch*3			

可選前端連接附件

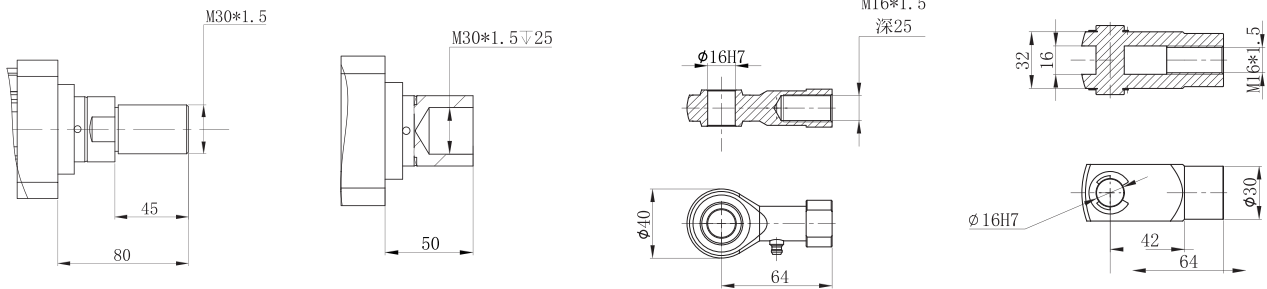
Optional Front End Connection Accessories

外螺紋
Male

內螺紋
Female

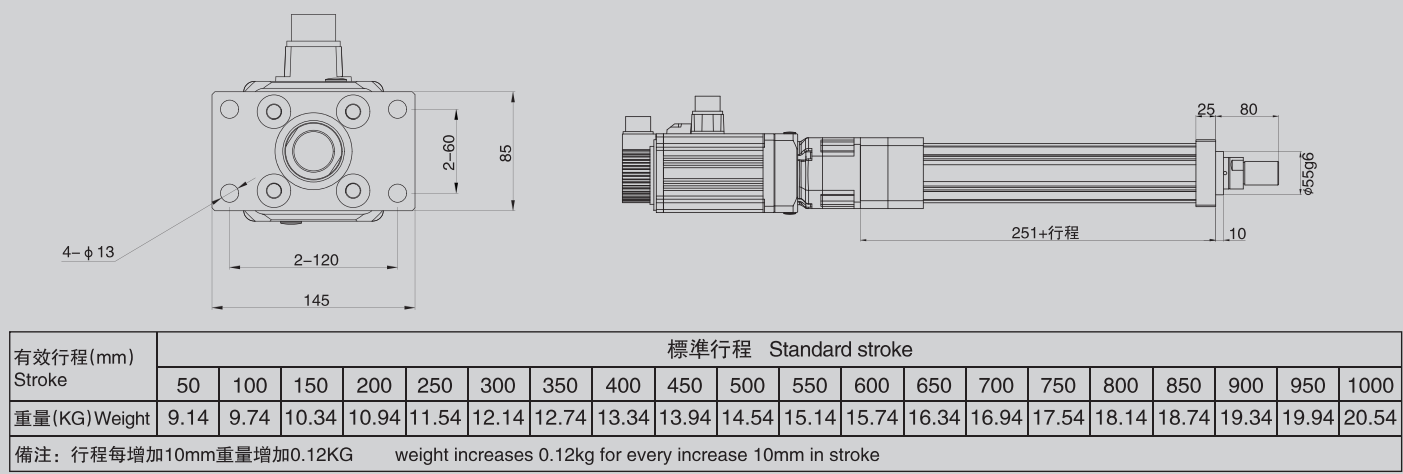
關節軸承
joint bearing

Y型鉸鏈
Yhinge

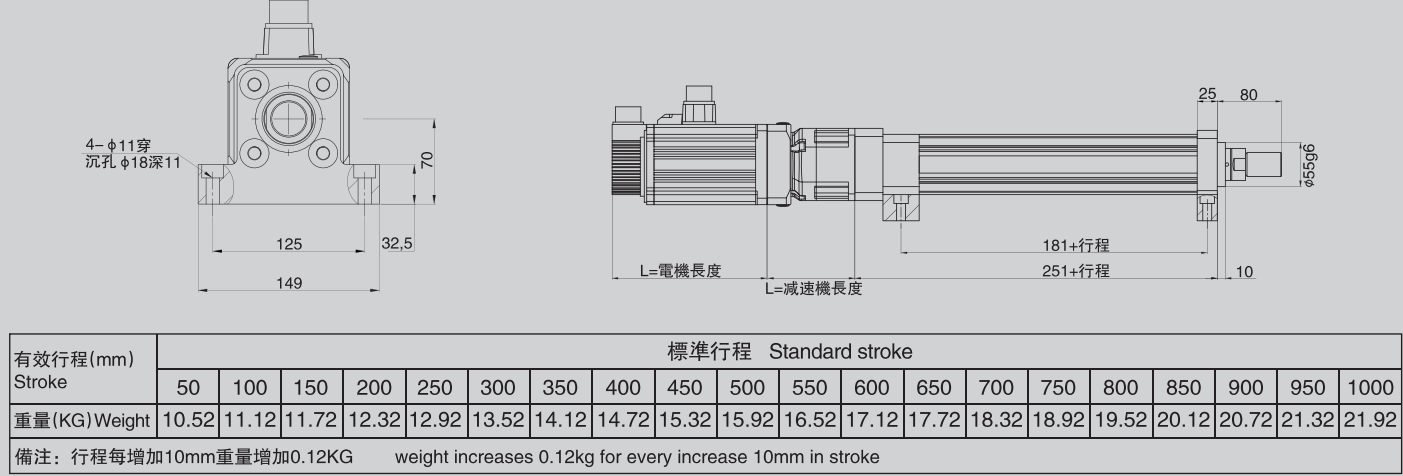


■ 直線式
Linear cylinder

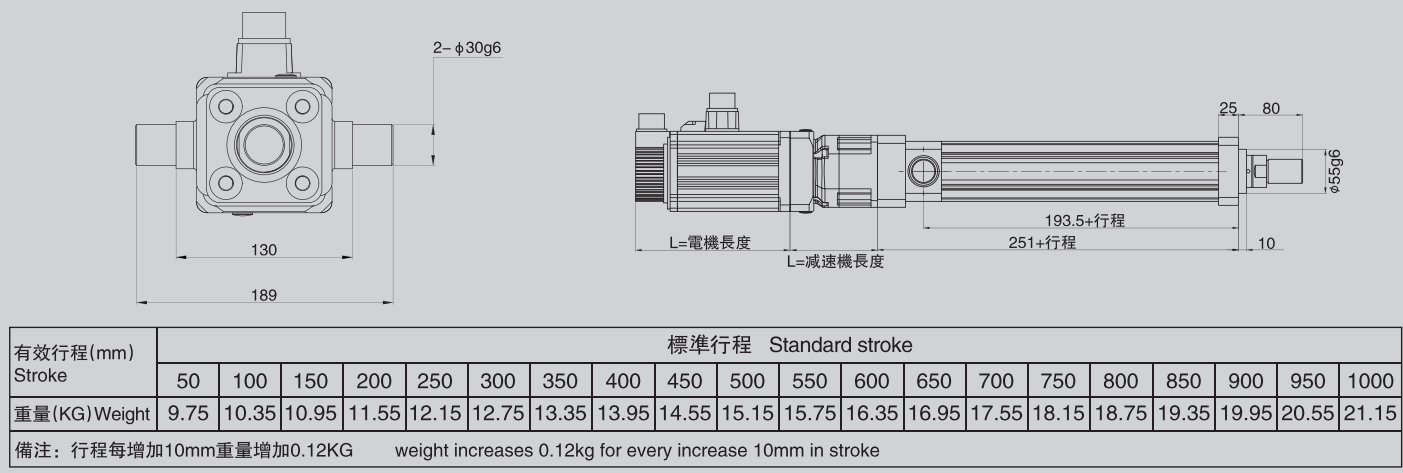
LDE63 直連前法蘭安裝-FA
LDE63 DirectFront Flange Installation-FA



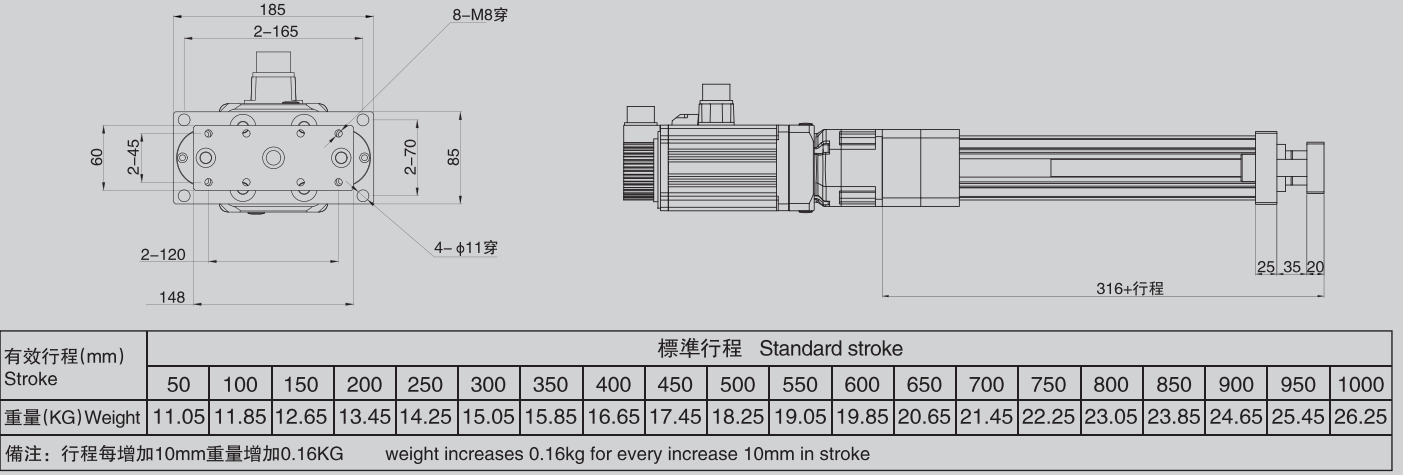
LDE63 直連側面安裝-LA
LDE63 Direct Side Installation-LA



LDE63 直連耳軸安裝-TC
LDE63 Direct trunnion Installation -TC

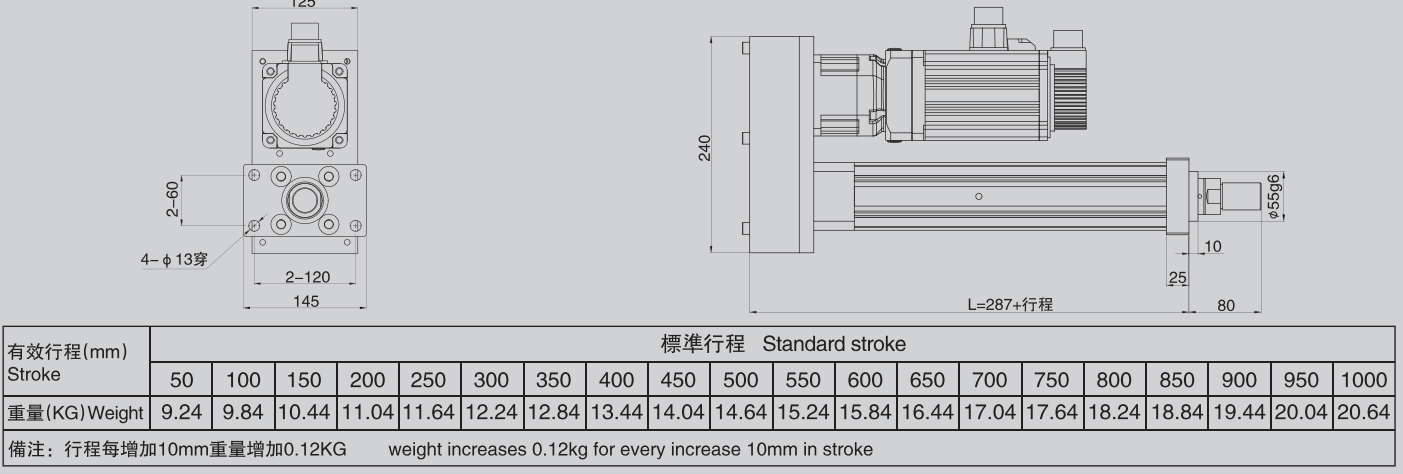


LDE63 直連前導向安裝-FG
LDE63 Direct Front Guide Installation-FG

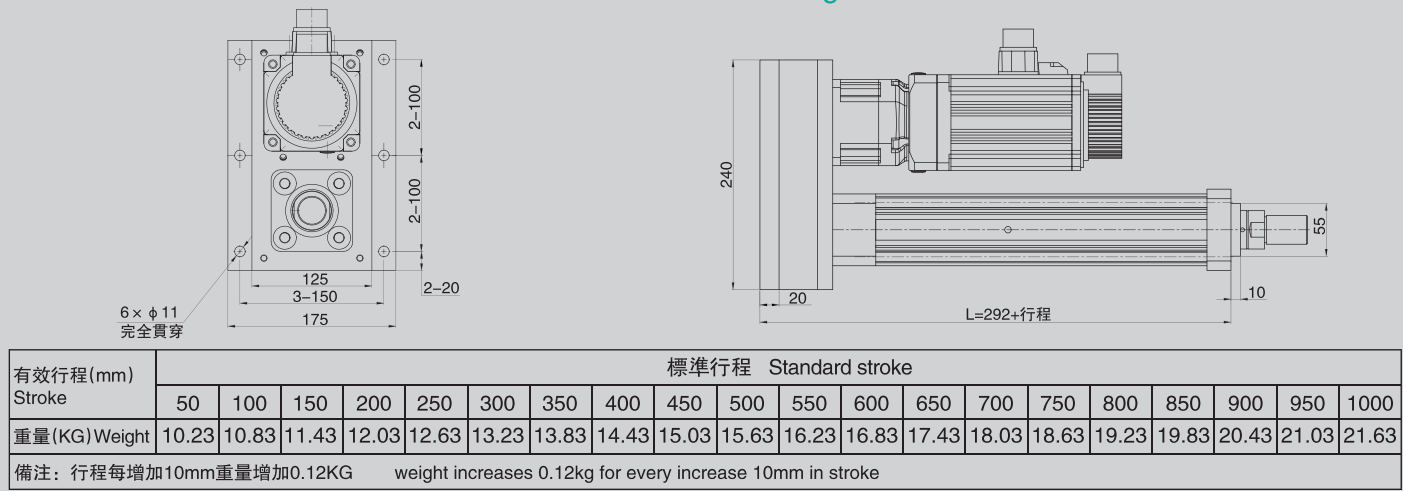


■ 轉折式
Transition Type

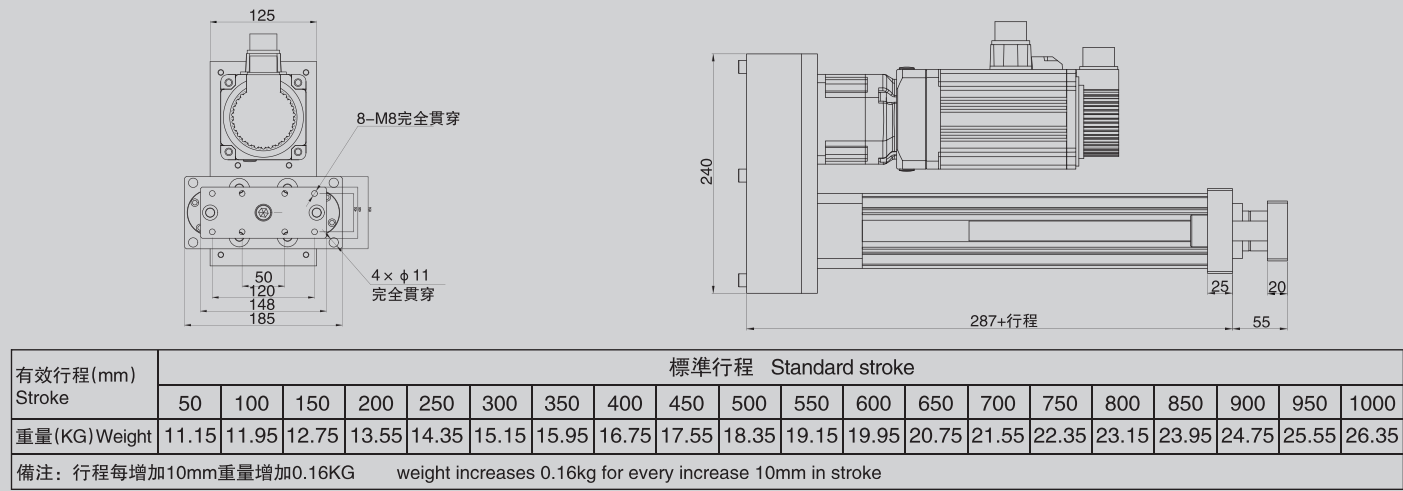
LDE63 轉折前法蘭安裝-FA
LDE63 Transition Flange Installation-FA



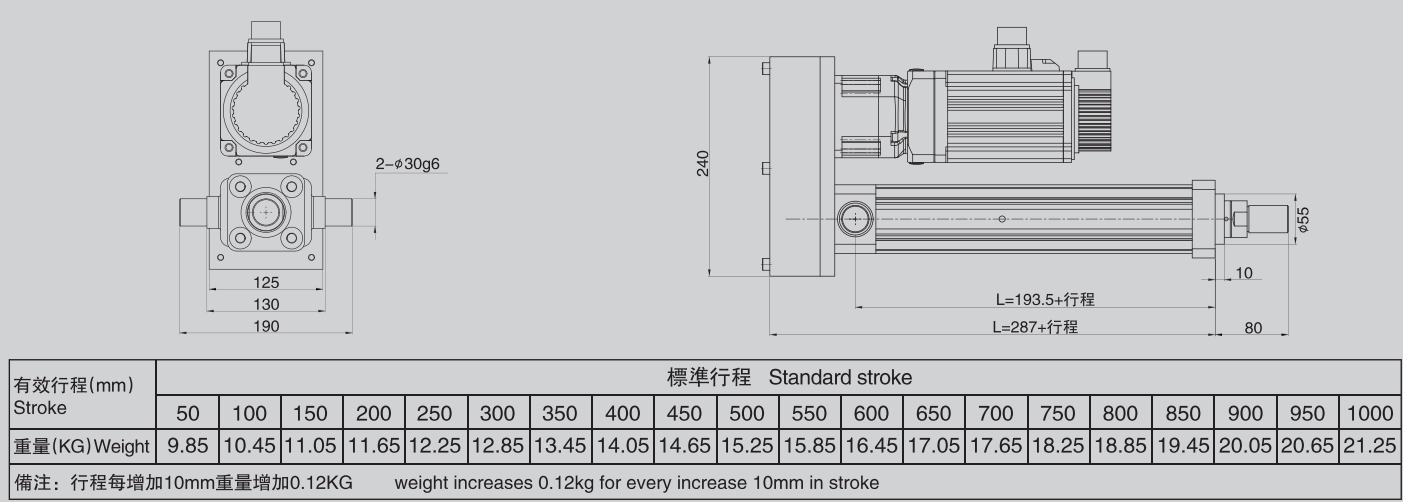
LDE63 轉折後法蘭安裝–FB
LDE63 Transition backFlange Installation–FB



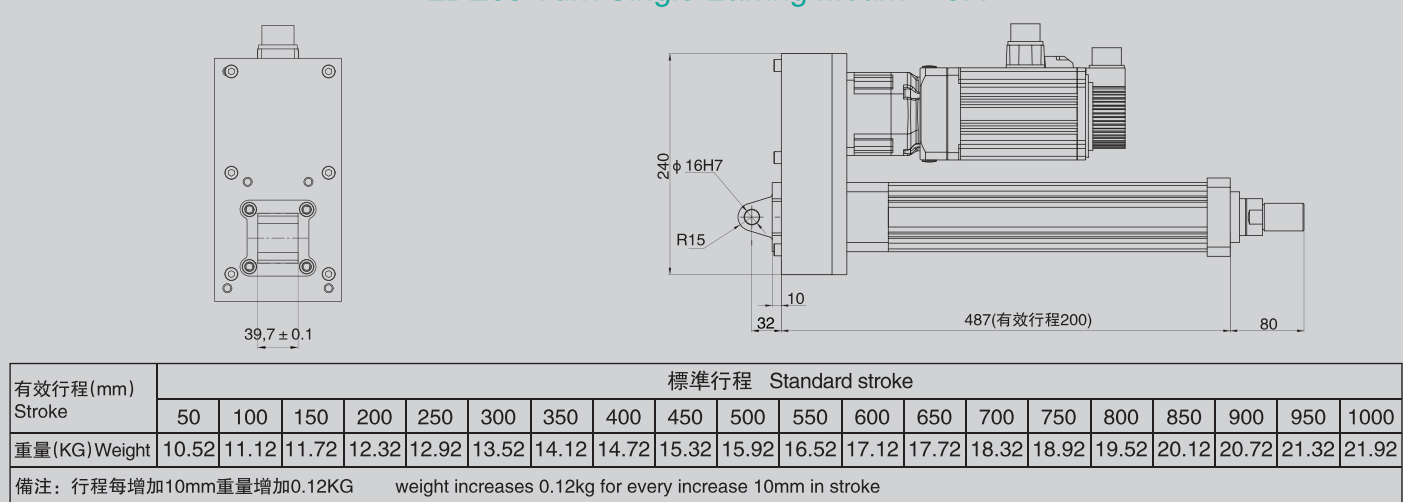
LDE63 轉折前導向安裝–FG
LDE63 Transition Front Guide Installation–FG



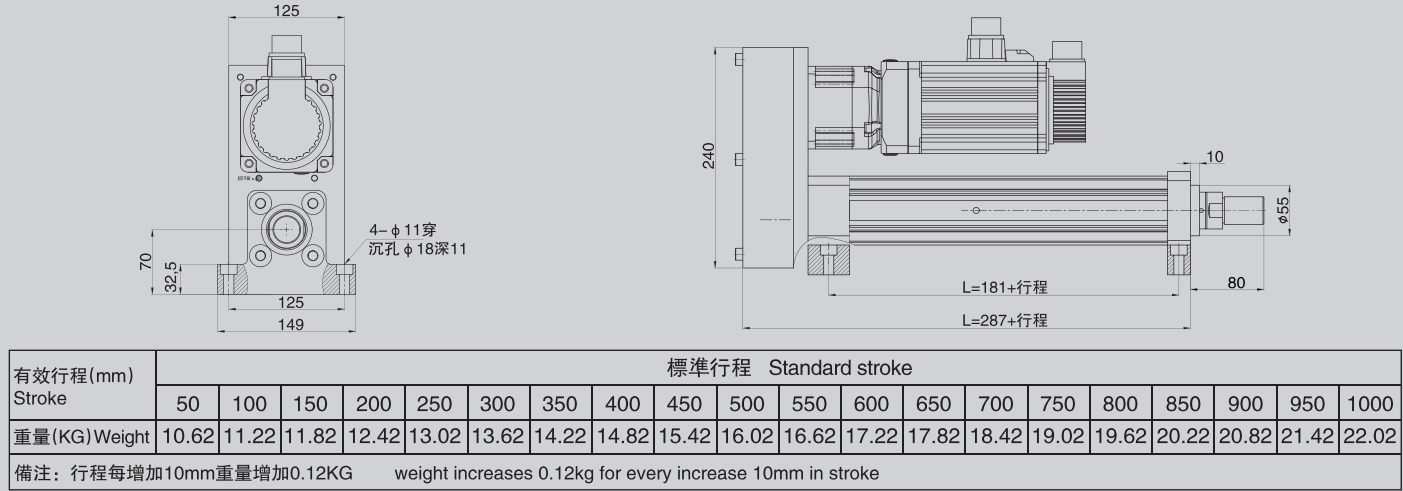
LDE63 轉折耳軸安裝–TC
LDE63 Transition trunnion Installation–TC



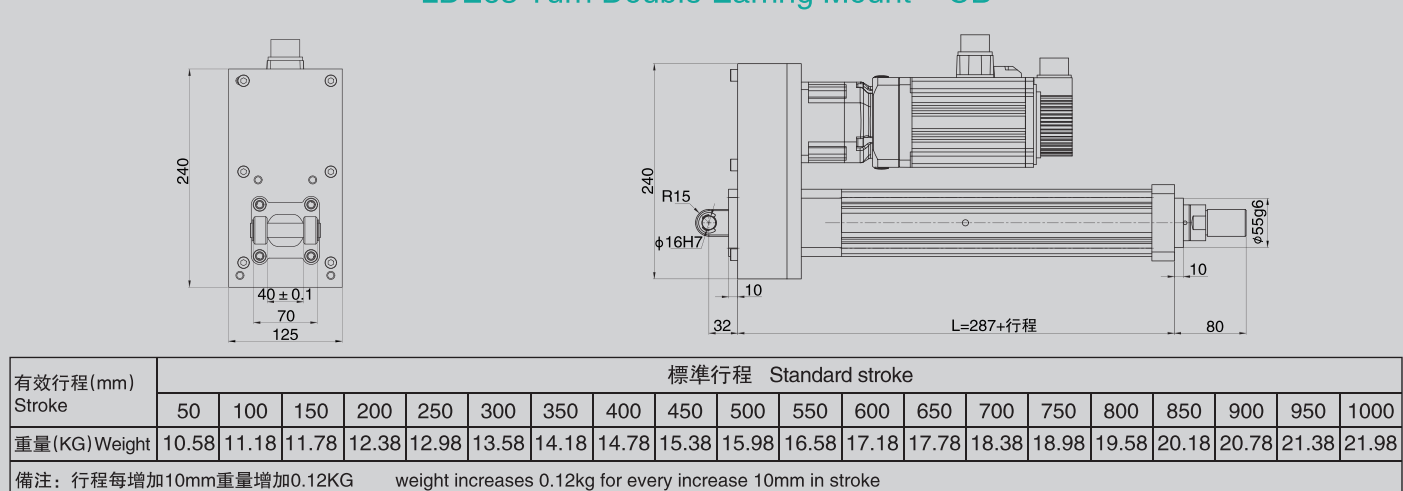
LDE63 轉折單耳環安裝–CA
LDE63 Turn Single Earring Mount – CA



LDE63 轉折側面安裝–LA
LDE63 Transition Side Installation–LA



LDE63 轉折雙耳環安裝–CB
LDE63 Turn Double Earring Mount – CB



型號表示
Model representation

系列型號	行程	精度等級	導程	電機安裝方式	安裝方式	前端接頭	電機品牌	速比	限位開關
Model	Stroke	Accuracy grade	Lead range	Motor installation method	Installation mode	Connection	Motor brand	Ratio	limit switch
		C: 轉造C7 C:Transformation of C7	05	D-直連安裝 D-Direct installation	FA-前法蘭 FA-Front Flange	A-外螺紋 A-Male thread	B-帶剎車 B-With brake	無 NO	T1=1個 T1=1 pc
		P: 研磨C5 P:GrindingC5	10	P-轉折安裝 P-Turn installation	FB-後法蘭 FB-Back Flange	B-內螺紋 B-Female thread	PF-倍福 PF-BECKHOFF	3	T2=2個 T2=2 Pcs
					TC-耳軸 TC-Trunnion	Y-Y型鉸鏈 Y-Y hinge	SM-西門子 SM-Siemens	4	T3=3個 T3=3 pcs
					LA-側面 LA-Side	J-關節軸承 J-Joint Bearin	P-露下 P-Panisonic	5	
					CA-單耳環 CA-Single ring		M-三菱 M-Mitsubishi	7	
					CB-雙耳環 CB-double Ring		Y-安川 Y-yaskawa	10	
							T-臺達 T-delta		
							O-其他 O-Others		

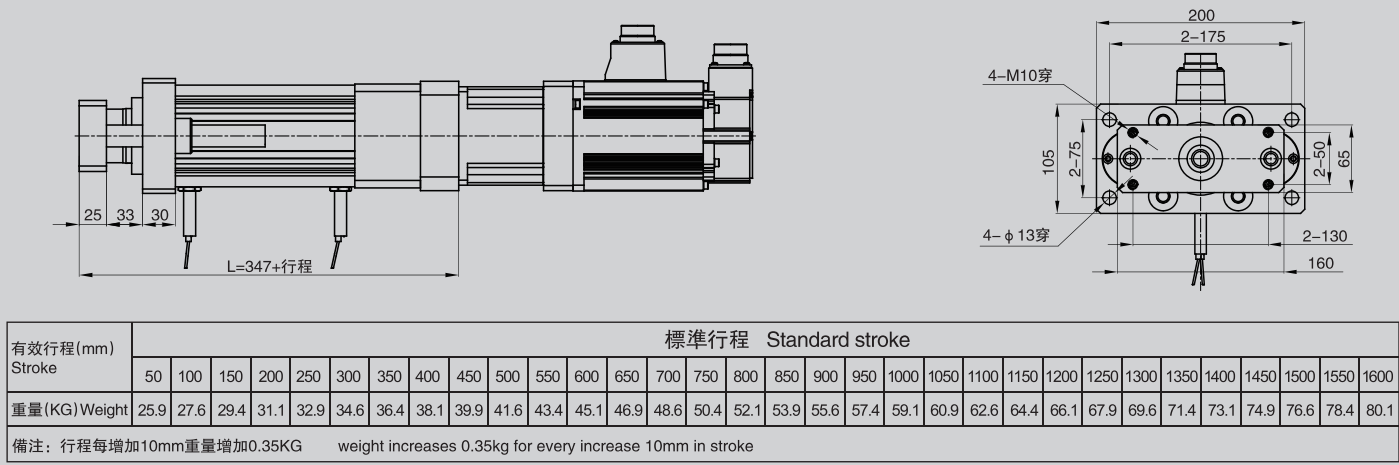
■ 可選前端連接附件 Optional Front End Connection Accessories



LDE80直連前法蘭安裝-FA LDE80DirectFront Flange Installation -FA

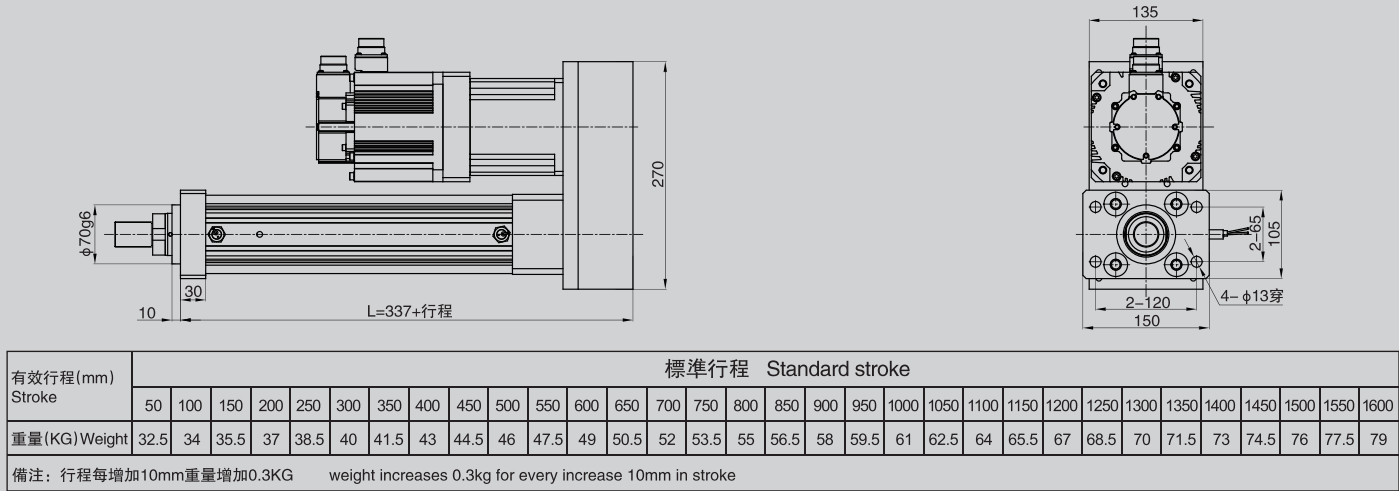


LDE80直連前導向安裝-FG
LDE80Direct Front Guide Installation-FG

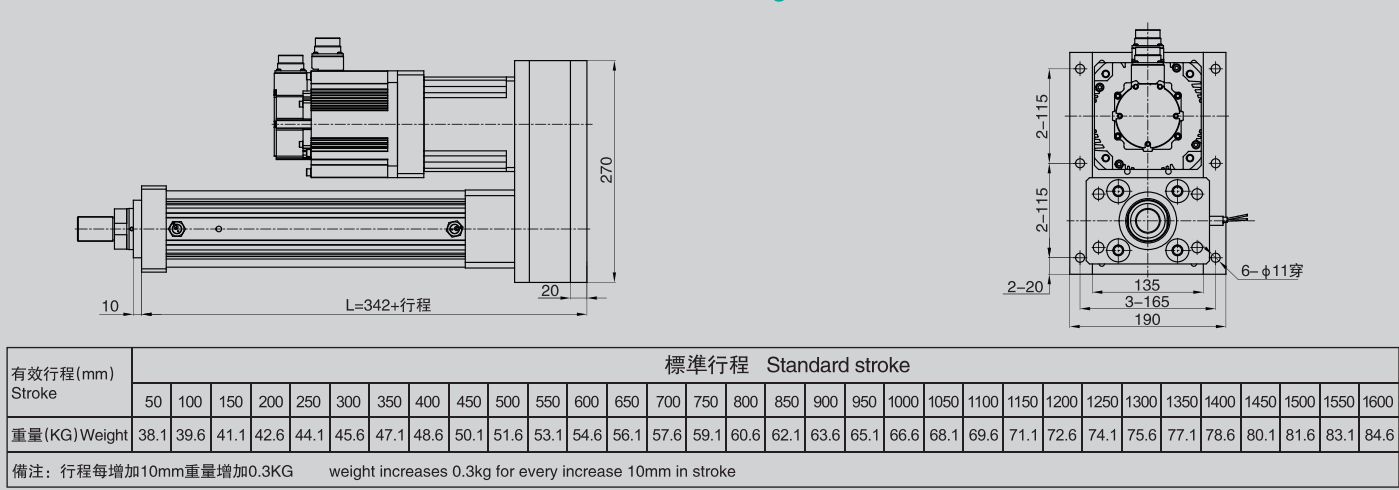


轉折式
Transition type

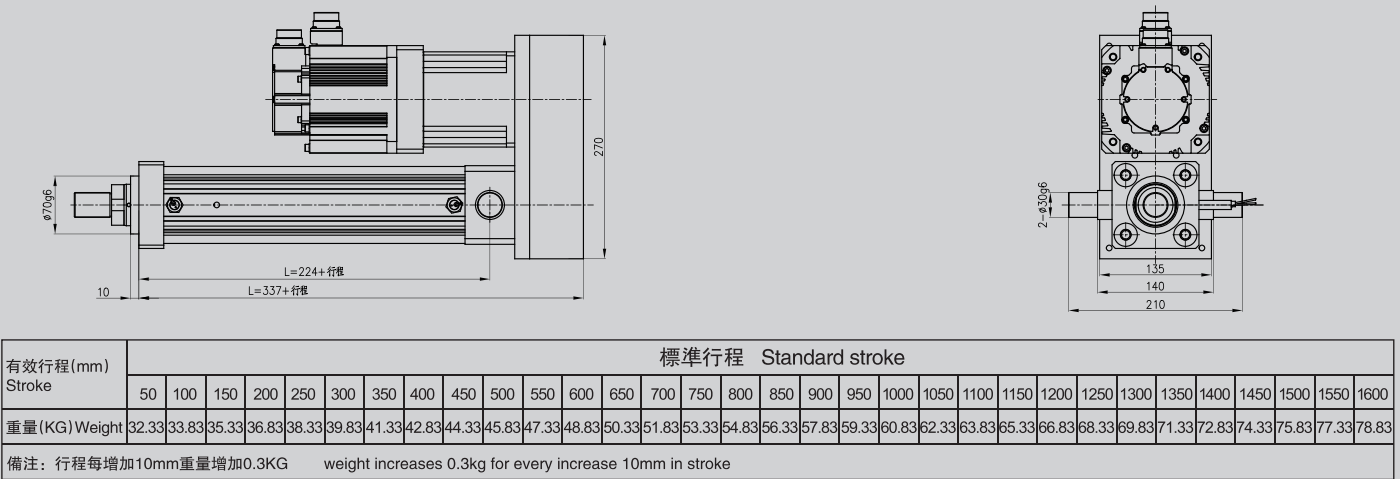
LDE80轉折前法蘭安裝-FA
LDE80Transition Flange Installation-FA



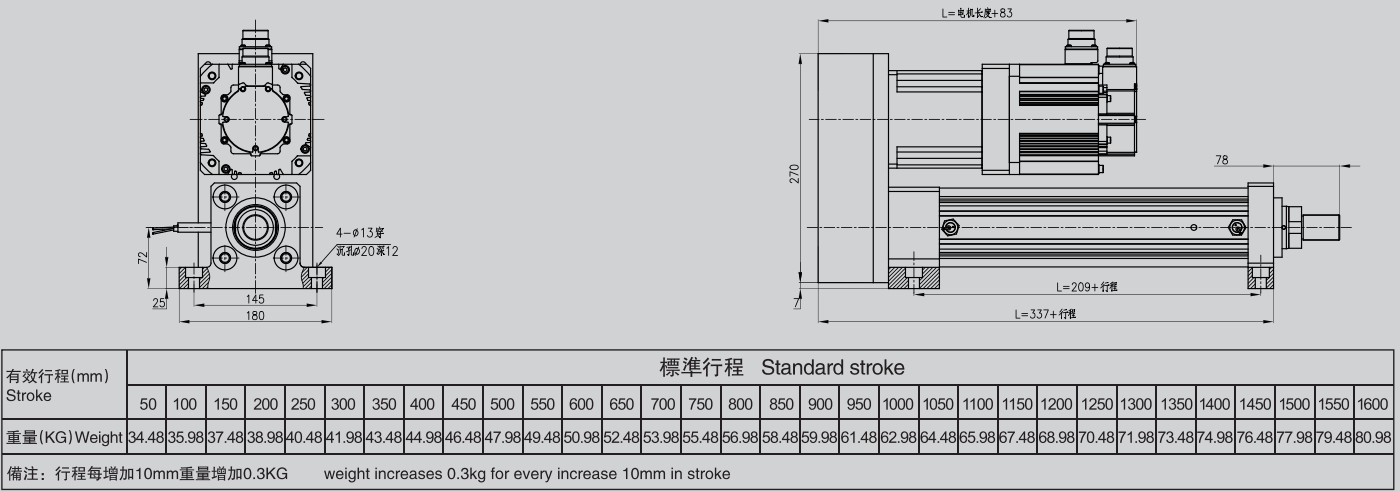
LDE80轉折後法蘭安裝-FB
LDE80Transition backFlange Installation -FB



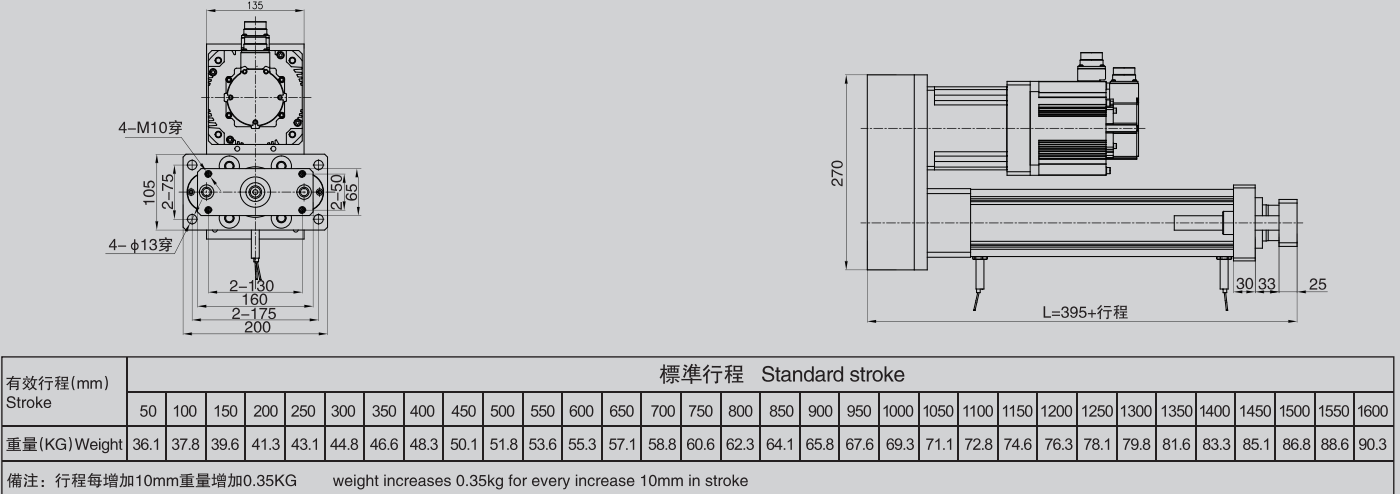
LDE80轉折耳軸安裝-TC
LDE80Transition trunnion Installation -TC



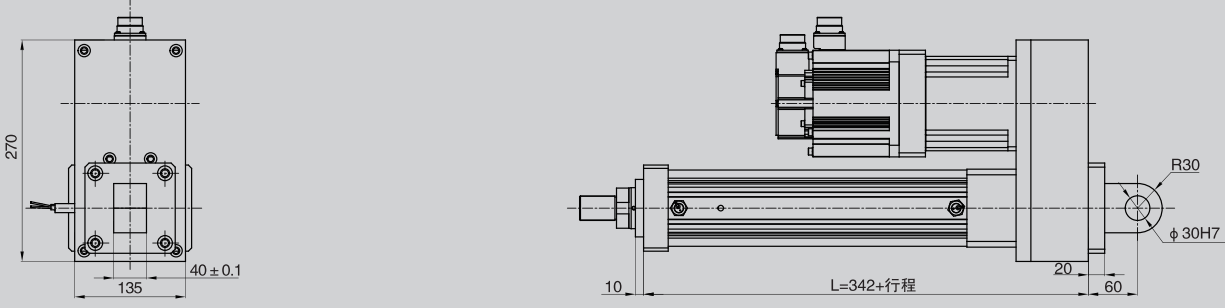
LDE80轉折側面安裝-LA
LDE80Transition Side Installation -LA



LDE80 轉折前導向安裝-FG
LDE80Transition Front Guide Installation-FG

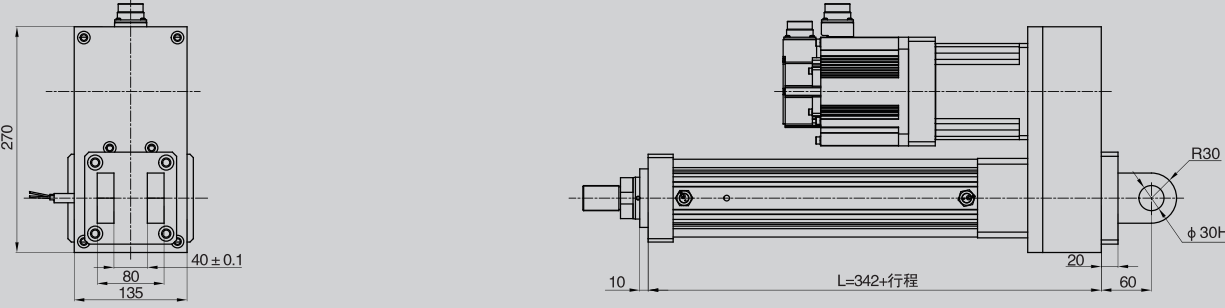


LDE80 轉折尾鉸CA安裝
LDE80 Transition tail hinge CA installation



有效行程(mm) Stroke	標準行程 Standard stroke																															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
重量(KG)Weight	38.7	40.2	41.7	43.2	44.7	46.2	47.7	49.2	50.7	52.2	53.7	55.2	56.7	58.2	59.7	61.2	62.7	64.2	65.7	67.2	68.7	70.2	71.7	73.2	74.7	76.2	77.7	79.2	80.7	82.2	83.7	85.2
備注：行程每增加10mm重量增加0.3KG weight increases 0.3kg for every increase 10mm in stroke																																

LDE80 轉折尾鉸CB安裝
LDE80 Transition tail hinge CB installation



有效行程(mm) Stroke	標準行程 Standard stroke																															
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
重量(KG)Weight	38.9	40.4	41.9	43.4	44.9	46.4	47.9	49.4	50.9	52.4	53.9	55.4	56.9	58.4	59.9	61.4	62.9	64.4	65.9	67.4	68.9	70.4	71.9	73.4	74.9	76.4	77.9	79.4	80.9	82.4	83.9	85.4
備注：行程每增加10mm重量增加0.3KG weight increases 0.3kg for every increase 10mm in stroke																																

重載型電動缸 Heavy-duty electric cylinder

型號表示 Model representation

LDE100-100 - C - L10 - D - □ - A - Z - 0 1000W - B - JS□ - T3

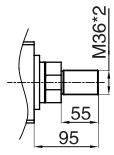
系列型號 Model	行程 stroke	精度等級 Accuracy grade C: 轉造C7 C:Transformation of C7 P: 研磨C5 P:GrindingC5	導程 Lead range 10	馬達安裝方式 motor Installation type D-直接安裝 D-Direct P-間接安裝 P-Transit	安裝方式 Installation mode FA-前法蘭 FA-Front Flange FB-後法蘭 FB-Back Flange TC-耳軸 TC-Trunnion LA-側面 LA-Side FG-前導向 FG-Front orientation CA-單耳環 CA-Single ring CB-雙耳環 CB-double Ring	前端接頭 Connection A-外螺紋 A-Male thread B-內螺紋 B-Female thread Y-Y型鉸鏈 Y-Y hinge J-關節軸承 J-Joint Bearin	電機品牌 Motor brand LZ-倫茨 LZ-Lenze PF-倍福 PF-BECKHOFF SM-西門子 SM-Siemens P-松下 P-Panisonic M-三菱 M-Mitsubishi Y-安川 Y-yaskawa T-喜達 T-delta O-其他 O-Others	速比 Ratio 無 NO 3 4 5 7 10	限位開關 limit switch T1=1個 T1=1 pc T2=2個 T2=2 Pcs T3=3個 T3=3 pcs
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馬達出力 (W) Motor Power(W)	1000W(3000轉)	1000W(2000轉)	1500W(2000轉)	2000W(2000轉)
額定扭矩N.m Rated torqueN.m	3.18	4.77	7.16	9.55
傳動方式 Driving Mode	滾珠螺桿C7轉造\滾珠螺桿C5研磨(默認為C7) ball screw C7 rolled ball screw C5 grinding(default C7)			
重複定位精度 (mm) Repositioning Accuracy(mm)	± 0.02/± 0.01			
螺桿導程pitch(mm) Thread pitch(mm)	10	10	10	10
額定速度(mm/sec)/減速比 Max Speed(mm/sec)	25(20:1),20(25:1)	22(15:1),21(16:1)	67(5:1),48(7:1), 37(9:1),33(10:1)	48(7:1),42(8:1)
額定推力 (N) /減速比 Rated Thrust (N)	33940(20:1) 42425(25:1)	38190(15:1) 40736(16:1)	19110(5:1),26754(7:1) 34398(9:1),38220(10:1)	35686(7:1),40784(8:1)
有效行程 (mm) Effective Stroke(mm)	10-2000			
sensor 感應器 sensor	接近式開關*2 solenoid switch*2			

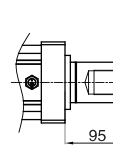
馬達出力 (W) Motor Power(W)	3000W(2000轉)	3000W(1500轉)	4500W(1500轉)
額定扭矩N.m Rated torqueN.m	14.32	19.1	28.65
傳動方式 Driving Mode	滾珠螺桿C7轉造\滾珠螺桿C5研磨(默認為C7) ball screw C7 rolled ball screw C5 grinding(default C7)		
重複定位精度 (mm) Repositioning Accuracy(mm)	± 0.02/± 0.01		
螺桿導程pitch(mm) Thread pitch(mm)	10	10	10
額定速度(mm/sec)/減速比 Max Speed(mm/sec)	67(5:1)	63(4:1)	83(3:1)
額定推力 (N) /減速比 Rated Thrust (N)	38165(5:1)	40783(4:1)	40783(3:1)
有效行程 (mm) Effective Stroke(mm)	10-2000		
sensor 感應器 sensor	接近式開關*3 solenoid switch*3		

可選前端連接附件 Optional Front End Connection Accessories

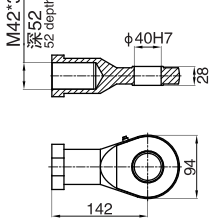
外螺紋
Male



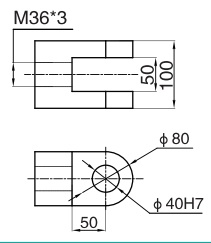
內螺紋
Female



關節軸承
joint bearing

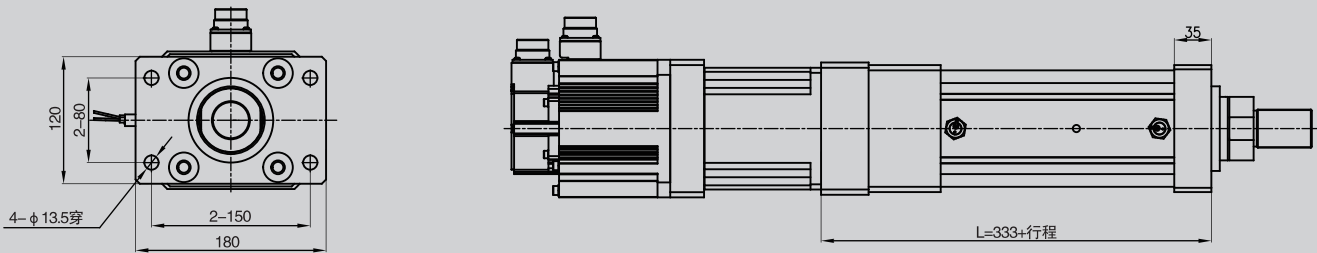


Y型鉸鏈
Yhinge



■直線式
Linear cylinder

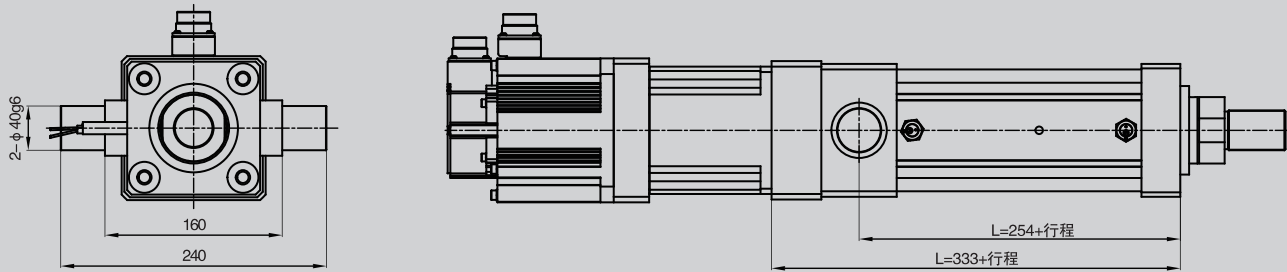
LDE100直連前法蘭安裝-FA
LDE100DirectFront Flange Installation-FA



有效行程(mm) Stroke	標準行程 Standard stroke																			
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
重量(KG)Weight	38.2	39.9	41.5	43.2	44.8	46.5	48.1	49.8	51.4	53.1	54.7	56.4	58	59.7	61.3	63	64.6	66.3	67.9	69.6

備注: 行程每增加10mm重量增加0.33KG weight increases 0.33kg for every increase 10mm in stroke

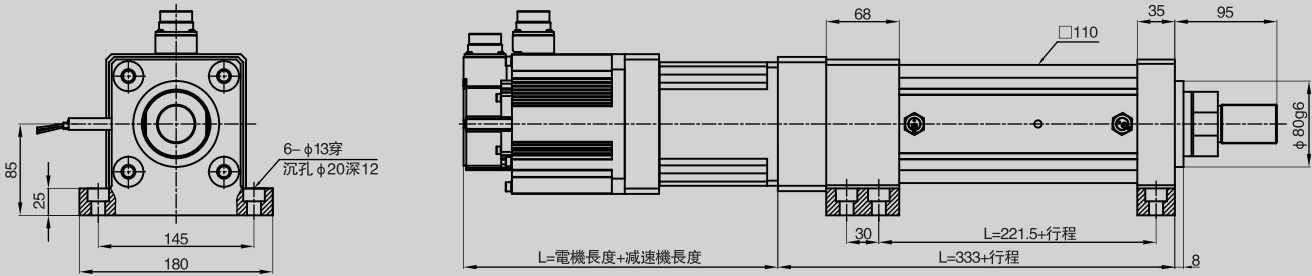
LDE100直連耳軸安裝-TC
LDE100Direct trunnion Installation-TC



有效行程(mm) Stroke	標準行程 Standard stroke																			
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
重量(KG)Weight	37.8	39.5	41.1	42.8	44.4	46.1	47.7	49.4	51	52.7	54.3	56	57.6	59.3	60.9	62.6	64.2	65.9	67.5	69.2

備注: 行程每增加10mm重量增加0.33KG weight increases 0.33kg for every increase 10mm in stroke

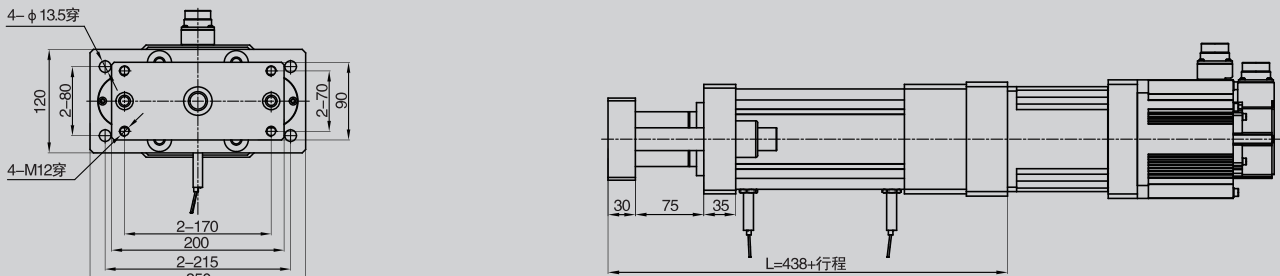
LDE100直連側面安裝-LA
LDE100Direct Side Installation-LA



有效行程(mm) Stroke	標準行程 Standard stroke																			
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
重量(KG)Weight	39.8	41.4	43.1	44.7	46.4	48	49.7	51.3	53	54.6	56.3	57.9	59.6	61.2	62.9	64.5	66.2	67.8	69.5	71.1

備注: 行程每增加10mm重量增加0.33KG weight increases 0.33kg for every increase 10mm in stroke

LDE100直連前導向安裝-FG
LDE100Direct Front Guide Installation-FG

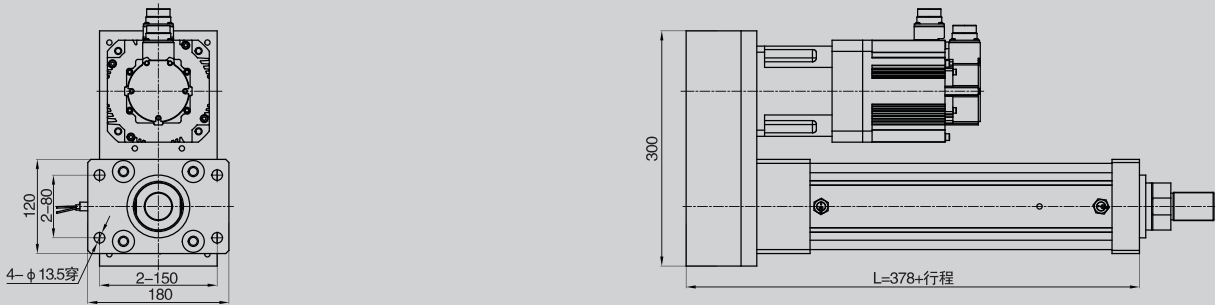


有效行程(mm) Stroke	標準行程 Standard stroke																			
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
重量(KG)Weight	45.4	47.4	49.4	51.4	53.4	55.4	57.4	59.4	61.4	63.4	65.4	67.4	69.4	71.4	73.4	75.4	77.4	79.4	81.4	83.4

備注: 行程每增加10mm重量增加0.4KG weight increases 0.4kg for every increase 10mm in stroke

■轉折式
Transition type

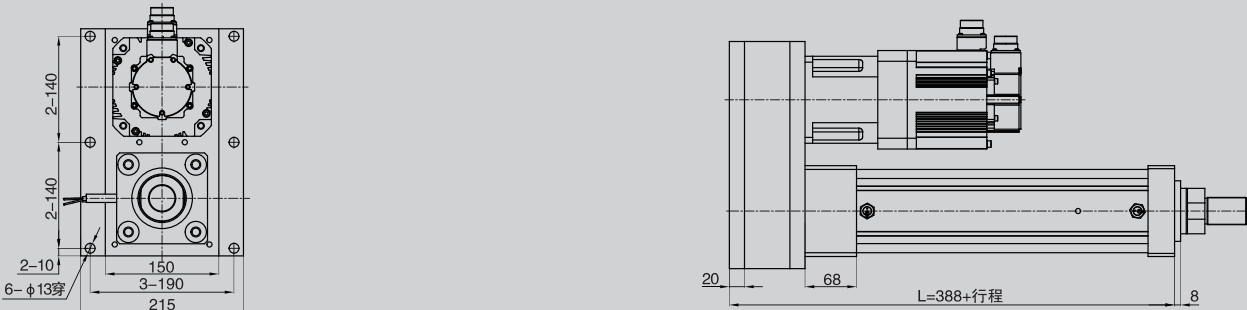
LDE100轉折前法蘭安裝-FA
LDE100Transition Flange Installation-FA



有效行程(mm) Stroke	標準行程 Standard stroke																			
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
重量(KG)Weight	49.4	51	52.7	54.3	56	57.6	59.3	60.9	62.6	64.2	65.9	67.5	69.2	70.8	72.5	74.1	75.8	77.4	79.1	80.7

備注: 行程每增加10mm重量增加0.33KG weight increases 0.33kg for every increase 10mm in stroke

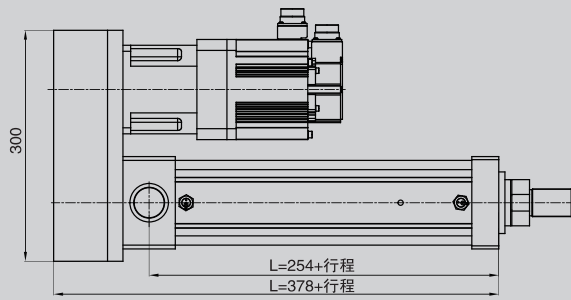
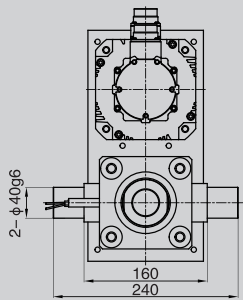
LDE100轉折後法蘭安裝-FB
LDE100Transition backFlange Installation-FB



有效行程(mm) Stroke	標準行程 Standard stroke																			
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
重量(KG)Weight	53.6	55.3	56.9	58.6	60.2	61.9	63.5	65.2	66.8	68.5	70.1	71.8	73.4	75.1	76.7	78.4	80	81.7	83.3	85

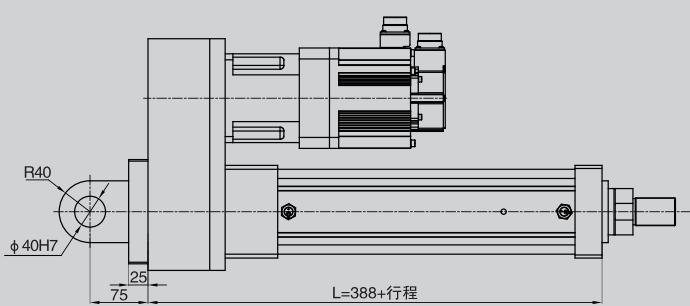
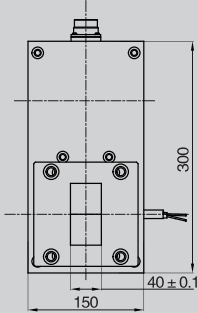
備注: 行程每增加10mm重量增加0.33KG weight increases 0.33kg for every increase 10mm in stroke

LDE100轉折耳軸安裝-TC
LDE100Transition trunnion Installation-TC



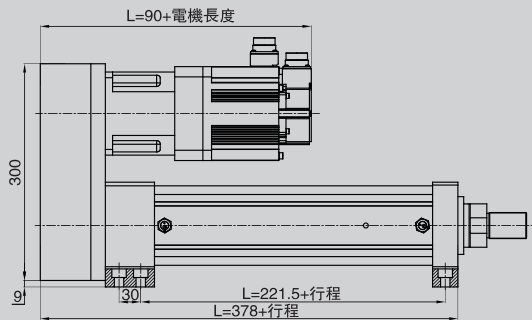
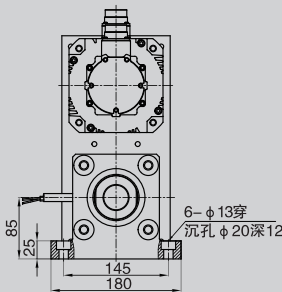
有效行程(mm) Stroke	標準行程 Standard stroke																			
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
重量(KG) Weight	49	50.6	52.3	53.9	55.6	57.2	58.9	60.5	62.2	63.8	65.5	67.1	68.8	70.4	72.1	73.7	75.4	77	78.7	80.3
備注：行程每增加10mm重量增加0.33KG weight increases 0.33kg for every increase 10mm in stroke																				

LDE100 轉折尾鉸CA安裝
LDE100 Transition tail hinge CA installation



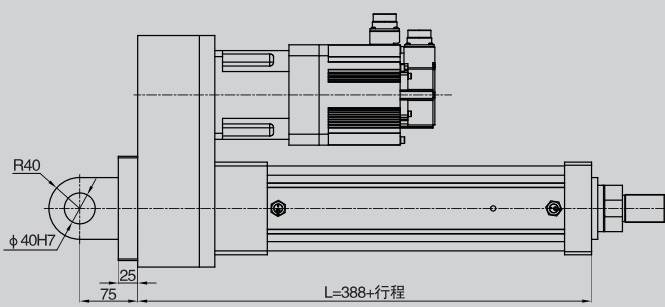
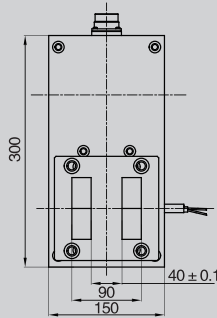
有效行程(mm) Stroke	標準行程 Standard stroke																			
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
重量(KG) Weight	55.6	57.3	58.9	60.6	62.2	63.9	65.5	67.2	68.8	70.5	72.1	73.8	75.4	77.1	78.7	80.4	82	83.7	85.3	87
備注：行程每增加10mm重量增加0.33KG weight increases 0.33kg for every increase 10mm in stroke																				

LDE100轉折側面安裝-LA
LDE100Transition Side Installation-LA



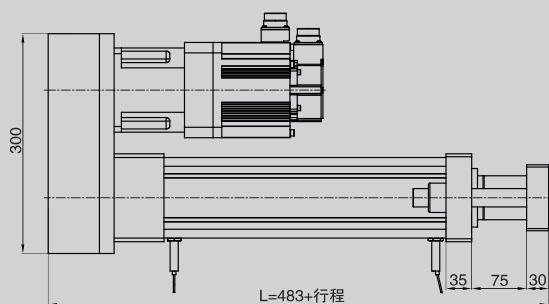
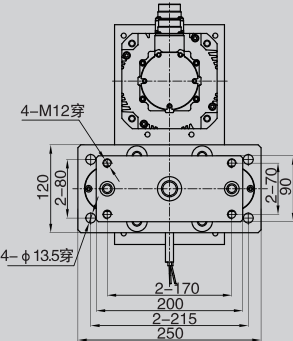
有效行程(mm) Stroke	標準行程 Standard stroke																			
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
重量(KG) Weight	51	52.6	54.3	55.9	57.6	59.2	60.9	62.5	64.2	65.8	67.5	69.1	70.8	72.4	74.1	75.7	77.4	79	80.7	82.3
備注：行程每增加10mm重量增加0.33KG weight increases 0.33kg for every increase 10mm in stroke																				

LDE100 轉折尾鉸CB安裝
LDE100 Transition tail hinge CB installation



有效行程(mm) Stroke	標準行程 Standard stroke																			
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
重量(KG) Weight	56	57.7	59.3	61	62.6	64.3	65.9	67.6	69.2	70.9	72.5	74.2	75.8	77.5	79.1	80.8	82.4	84.1	85.7	87.4
備注：行程每增加10mm重量增加0.33KG weight increases 0.33kg for every increase 10mm in stroke																				

LDE100 轉折前導向安裝-FG
LDE100Transition Front Guide Installation-FG

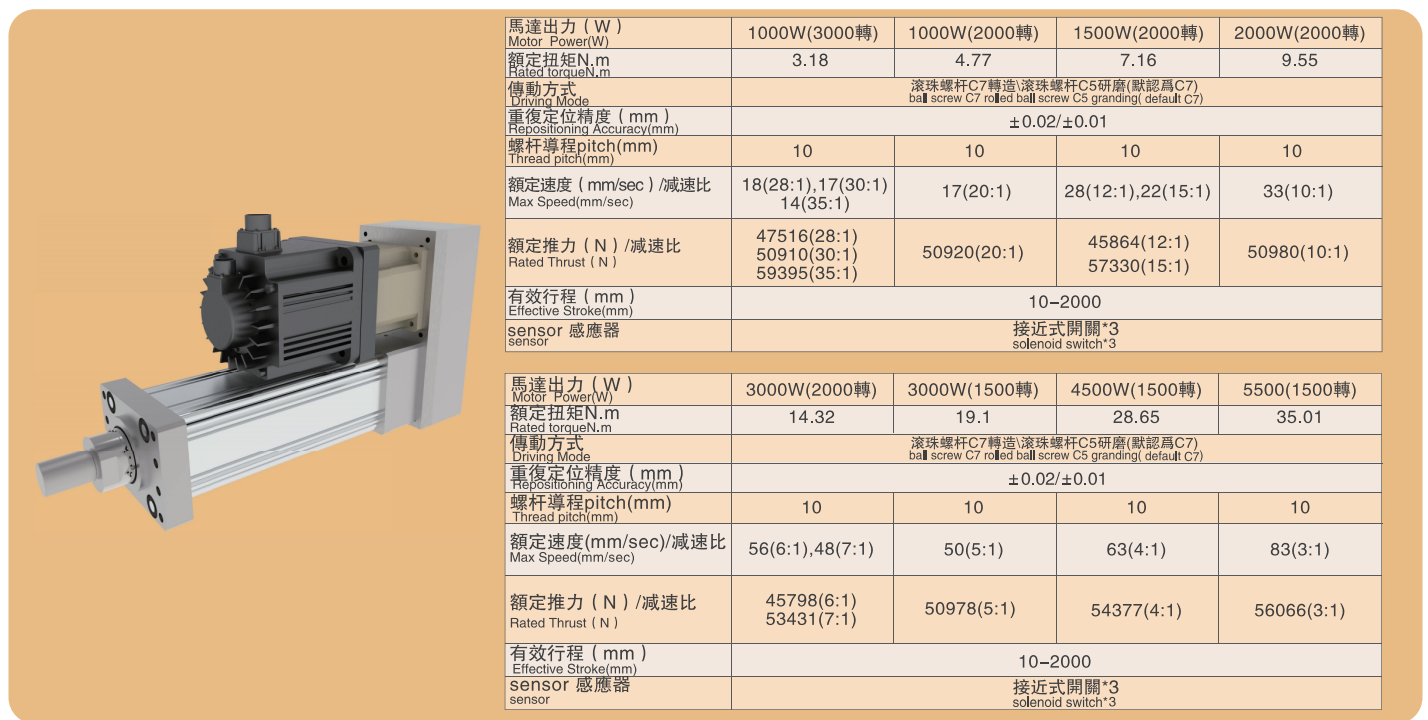


有效行程(mm) Stroke	標準行程 Standard stroke																			
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
重量(KG) Weight	56.5	58.5	60.5	62.5	64.5	66.5	68.5	70.5	72.5	74.5	76.5	78.5	80.5	82.5	84.5	86.5	88.5	90.5	92.5	94.5
備注：行程每增加10mm重量增加0.4KG weight increases 0.4kg for every increase 10mm in stroke																				

■ 型號表示

LDE125-100- C - L10 - D - □ - A - Z- 01000W-B-JS□-T3

系列型號	行程	精度等級	導程	馬達安裝方式	安裝方式	前端接頭	電機品牌	速比	限位開關	
Model	stroke	Accuracy grade	Lead range	motor Installation type	Installation mode	Connection	Motor brand	Ratio	limit switch	
		C: 轉造C7 C: Transformation of C7 P: 研磨C5 P: GrindingC5	10	D-直接安裝 D-Direct P-間接安裝 P-Transit	FA-前法蘭 FA-Front Flange FB-後法蘭 FB-Back Flange TC-耳軸 TC-Trunnion LA-側面 LA-Side RS-固定塊 RS-Fixed FG-前導向 FG-Front orientation CA-單耳環 CA-Single ring CB-雙耳環 CB-double Ring	A-外螺紋 A-Male thread B-內螺紋 B-Female thread Y-Y型鉗鏈 Y-Y hinge J-關節軸承 J-Joint Bearin	LZ-倫茨 LZ-Lenze PF-倍福 PF-BECKHOFF SM-西門子 SM-Siemens P-松下 P-Panasonic M-三菱 M-Mitsubishi Y-安川 Y-yaskawa T-臺達 T-delta O-其他 O-Others	B-帶剎車 B-With brake NO-無剎車 NO-No brake	無 NO 3 4 5 7 10	T1=1個 T1=1 pcs T2=2個 T2=2 Pcs T3=3個 T3=3 pcs



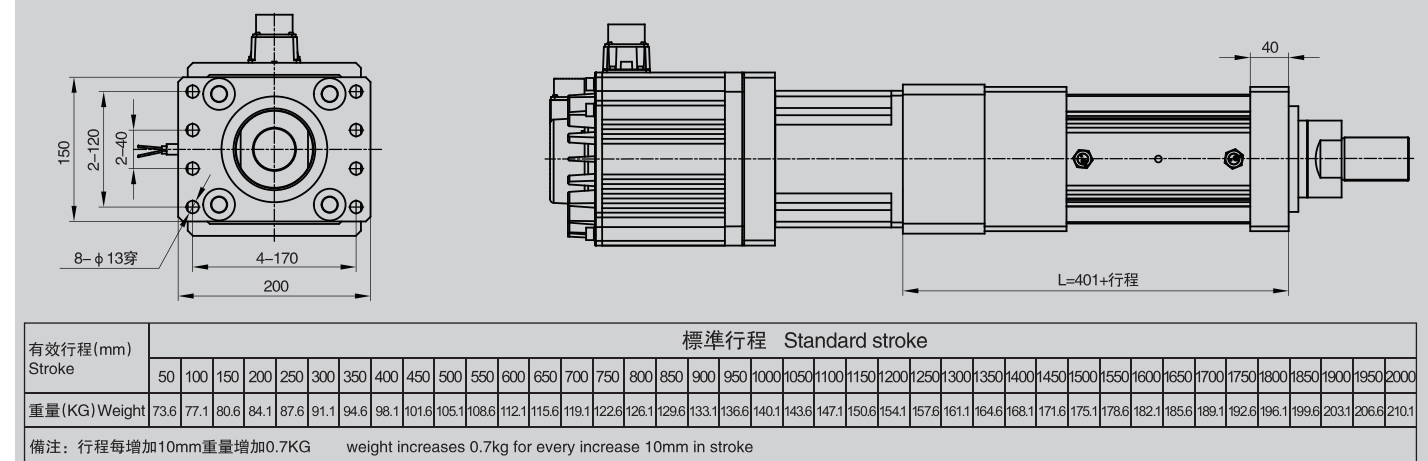
外螺紋
Male

內螺紋
Female

關節軸承
joint bearing

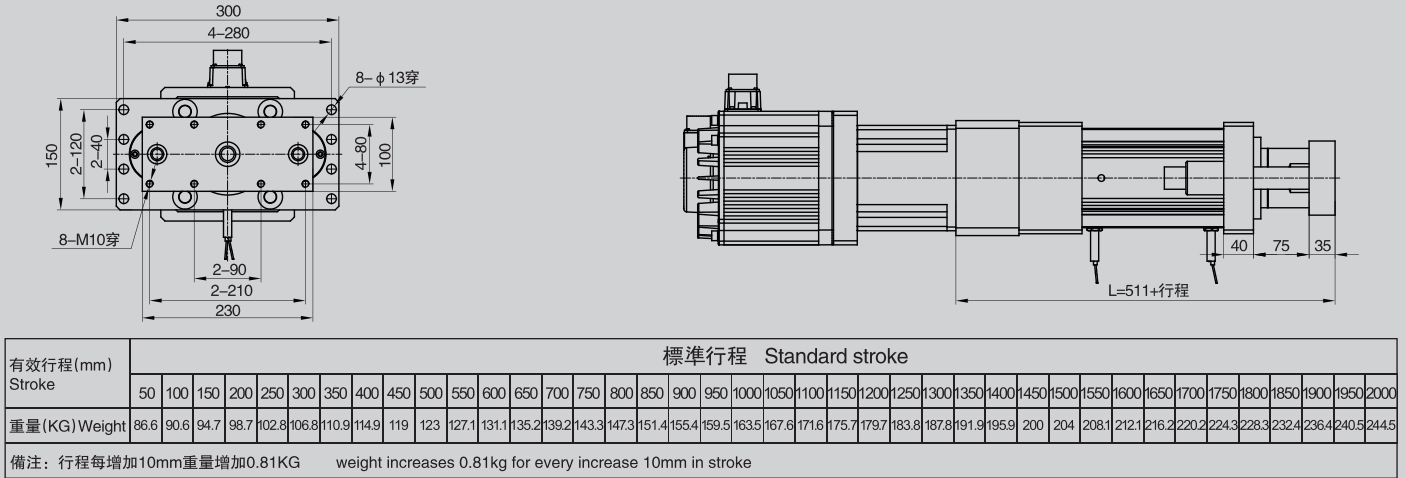
Y型鉸鏈
Yhinge

LDE125直連前法蘭安裝-FA
LDE125DirectFront Flange Installation -FA



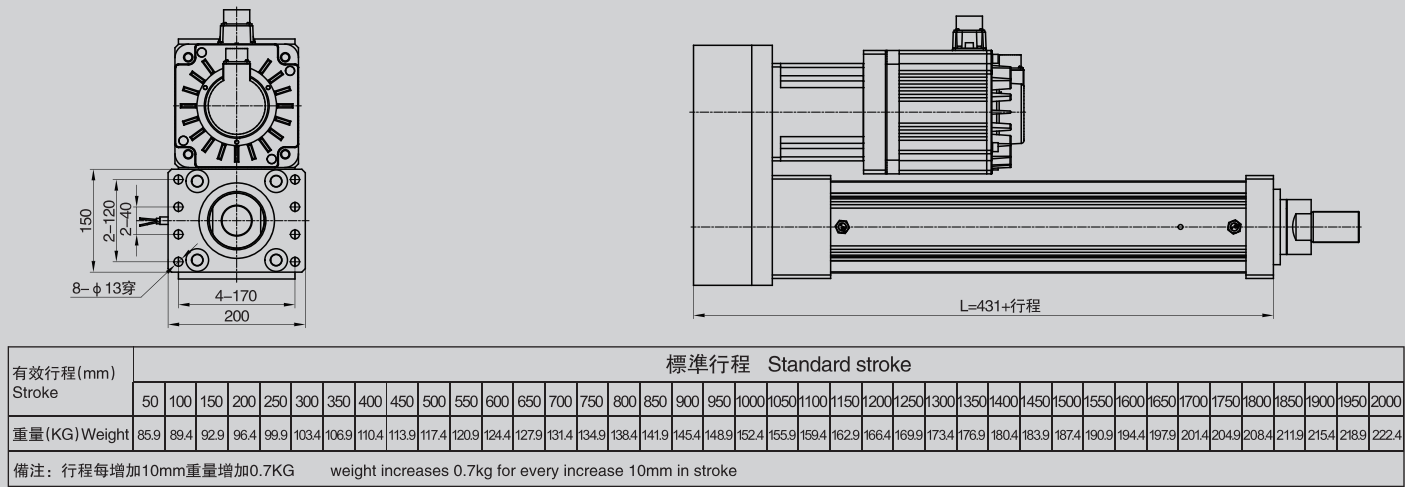
Technical drawings of the SMC SMD Series Air Cylinder. The left drawing is a front view showing a square body with a central port and four mounting holes. Dimensions include a total width of 220mm, a mounting hole diameter of 13mm, and a port diameter of 20mm. The right drawing is a side view showing the cylinder's profile with various dimensions for stroke and mounting. Key dimensions include a total length of 125mm, a mounting bracket width of 41mm, and a stroke length of 110mm. The drawing also indicates the standard stroke length (L=229+行程) and the maximum stroke length (L=402+行程).

LDE125 直連前導向安裝-FG
LDE125 Direct Front Guide Installation-FG

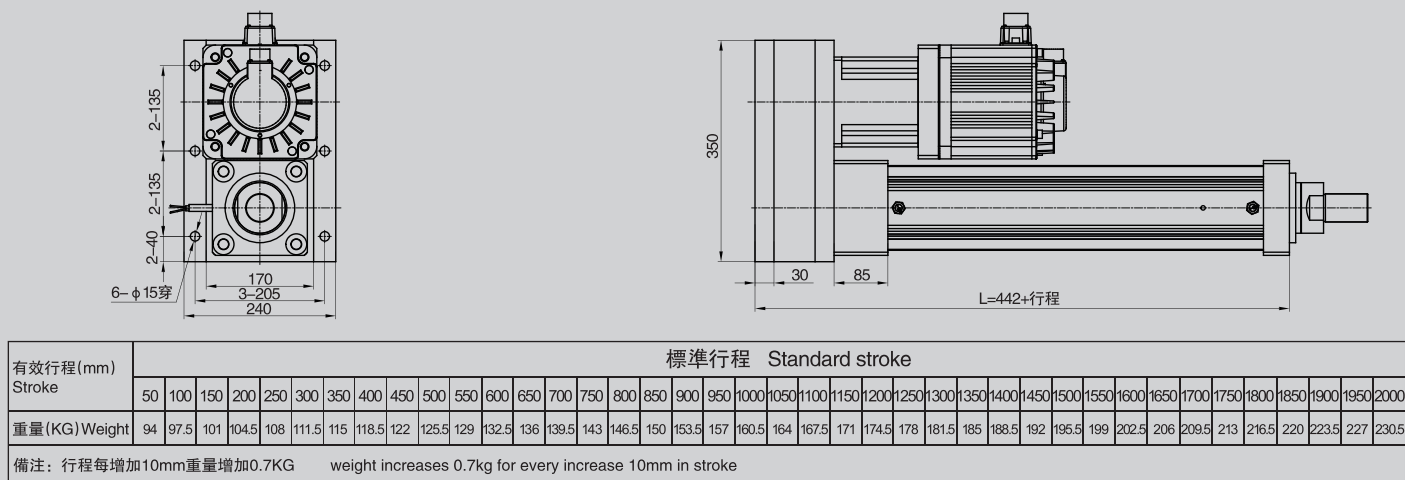


■ 轉折式
Transition type

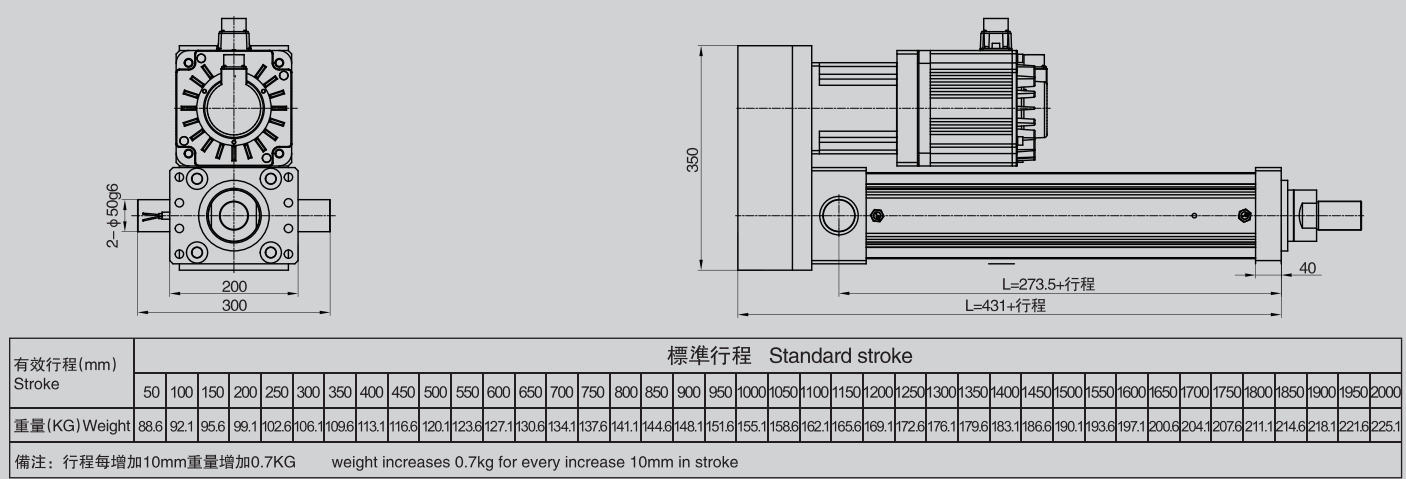
LDE125轉折前法蘭安裝-FA
LDE125Transition Flange Installation-FA



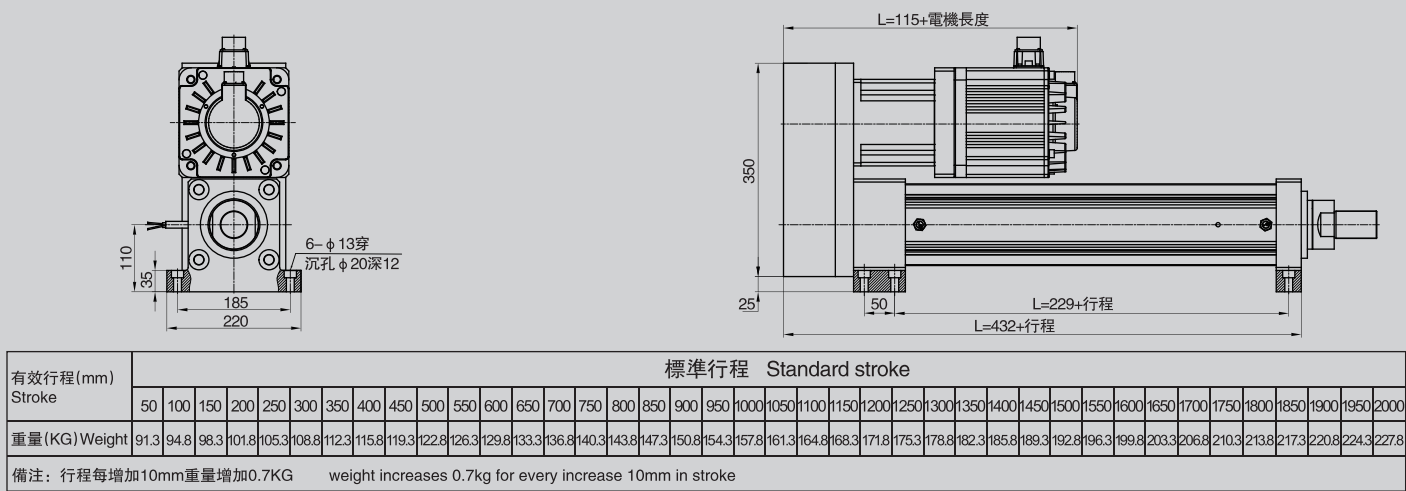
LDE125轉折後法蘭安裝-FB
LDE125Transition backFlange Installation-FB



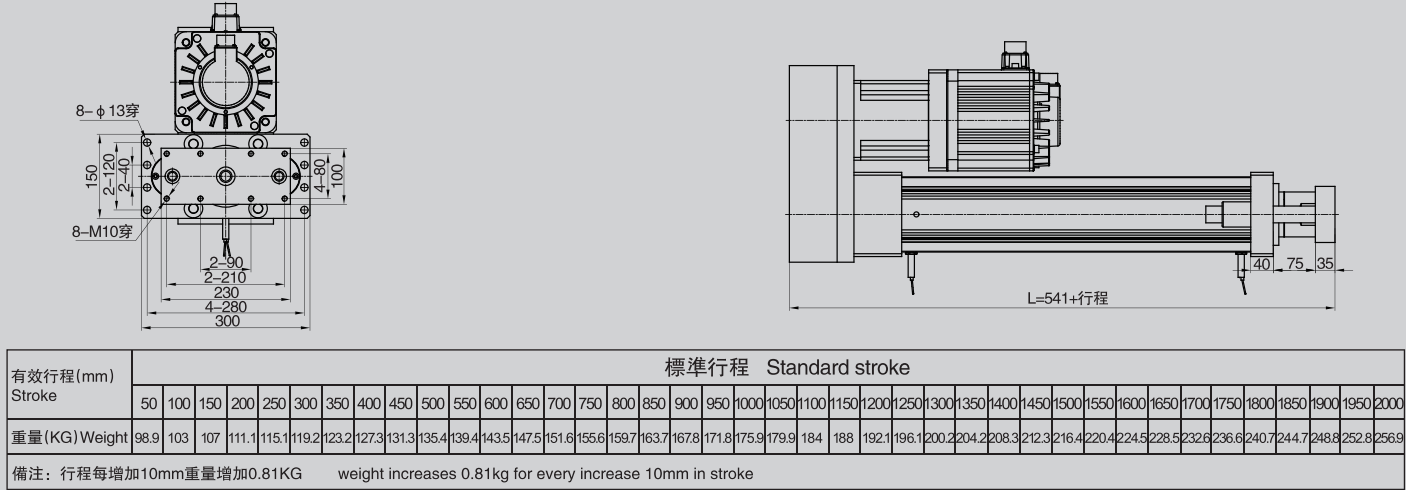
LDE125轉折耳軸安裝-TC
LDE125Transition trunnion Installation -TC

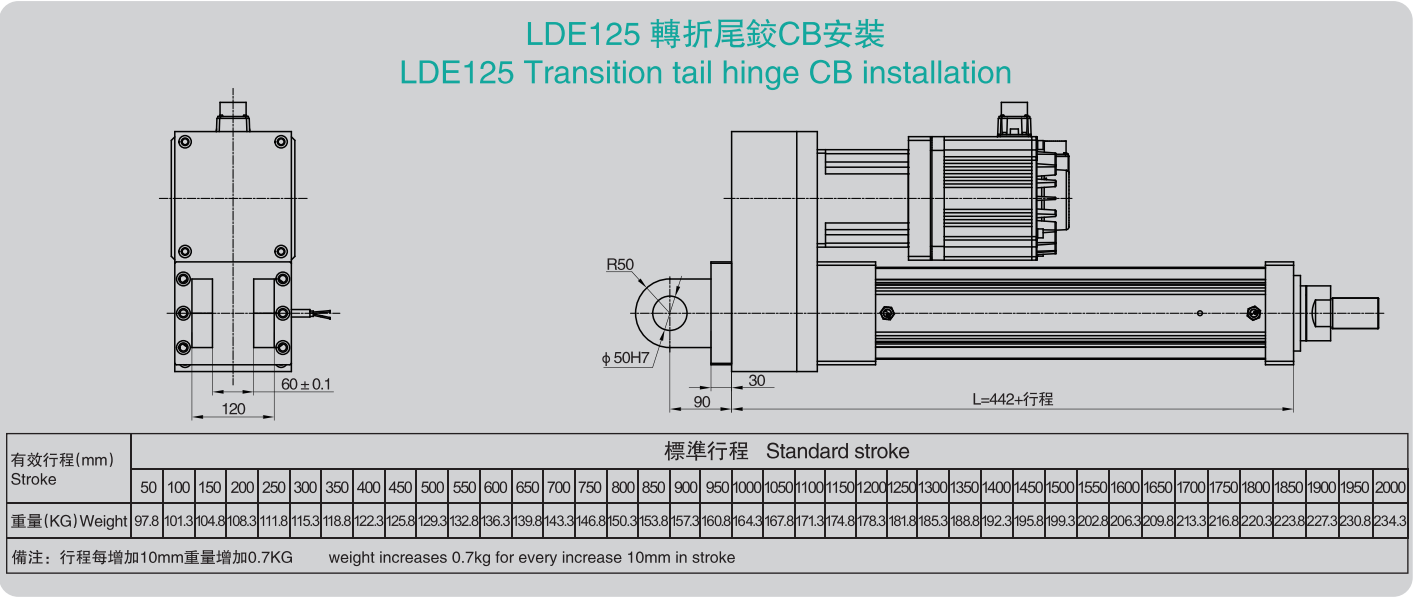
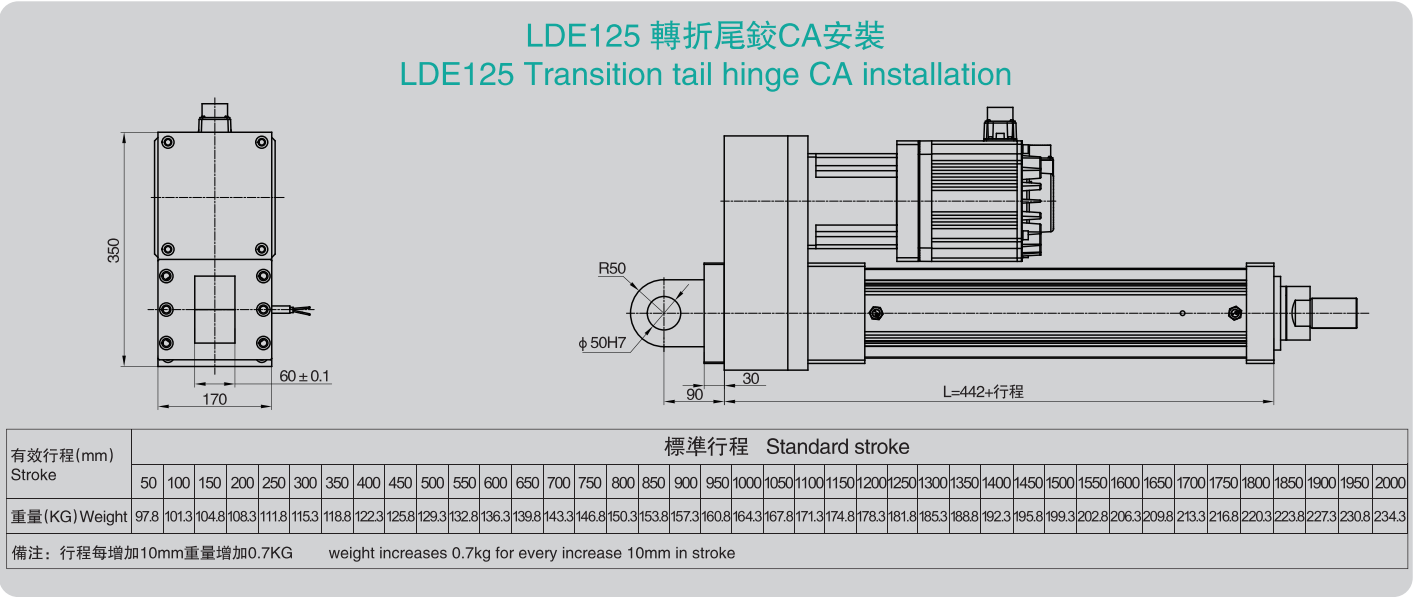


LDE125轉折側面安裝-LA
LDE125Transition Side Installation-LA



LDE125 轉折前導向安裝-FG
LDE125 Transition Front Guide Installation-FG





重載型電動缸
Heavy-duty electric cylinder

LDC系列特點
LDC series features

LDC系列电动缸缸筒为调质钢，各部分结构及连接刚性加强，内部使用导轨防转。LDC系列结构强度高，使用寿命及可靠性高。特别适用于5T以上动载场合，可定制性高，最高可做到100T动载以上，铁缸筒的存在配合内部密封，本系列尤其适用于各种恶劣工况及极端使用环境。

LDC系列传感器一般使用3个接近式开关，3线制，NPN两常闭一常开。

The barrel of LDC series electric cylinder is made of quenched and tempered steel, the structure and connection rigidity of each part are strengthened, and the internal guide rail is used to prevent rotation. LDC series has high structural strength, high service life and high reliability. It is especially suitable for dynamic load occasions above 5T, with high customizability, up to 100T dynamic load. The existence of the iron cylinder barrel cooperates with the internal seal. This series is especially suitable for various harsh working conditions and extreme use environments.

LDC series sensors generally use 3 proximity switches, 3-wire, NPN two normally closed and one normally open.

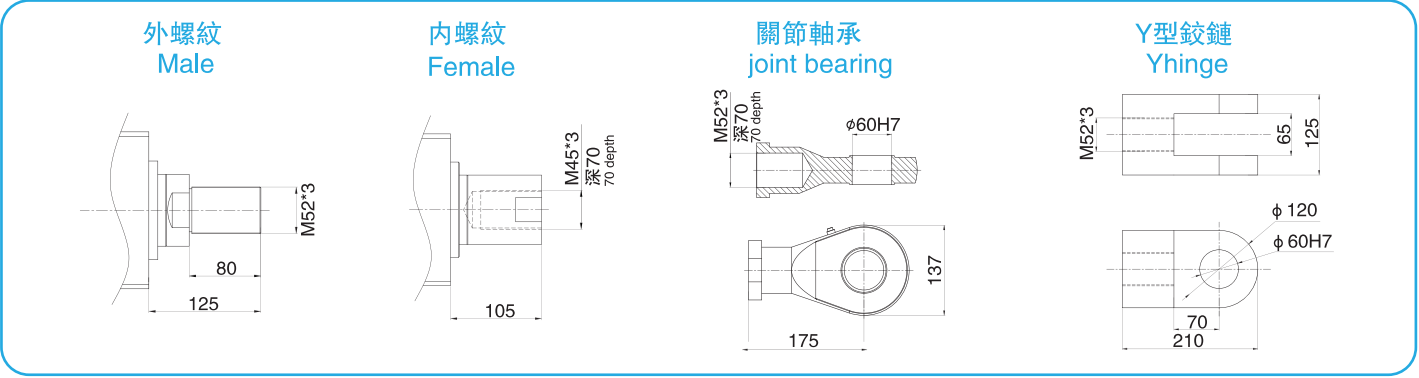
重載型電動缸
Heavy-duty electric cylinder

型號表示
Model representation

LDC130-100 - C - 10 - D - □ - A - Z - 0 400W-B-JS□ - T 3

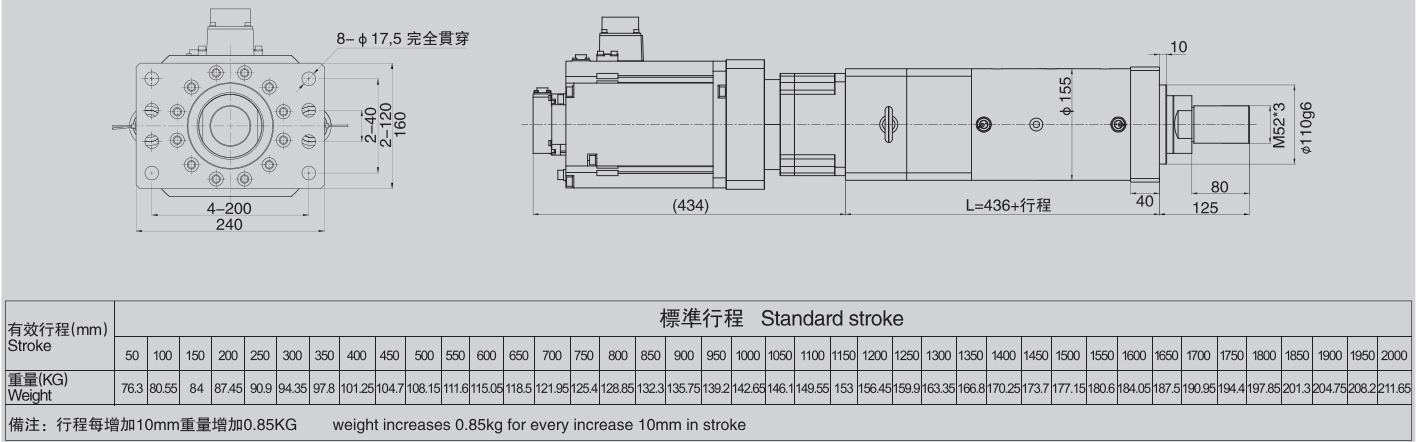
Table with 8 columns: 系列型號 (Model), 行程 (Stroke), 精度等級 (Accuracy grade), 導程 (Lead range), 電機安裝方式 (Motor installation method), 安裝方式 (Installation mode), 前端接頭 (Connection), 電機品牌 (Motor brand), 速比 (Ratio), 限位開關 (Limit switch).

可選前端連接附件
Optional Front End Connection Accessories

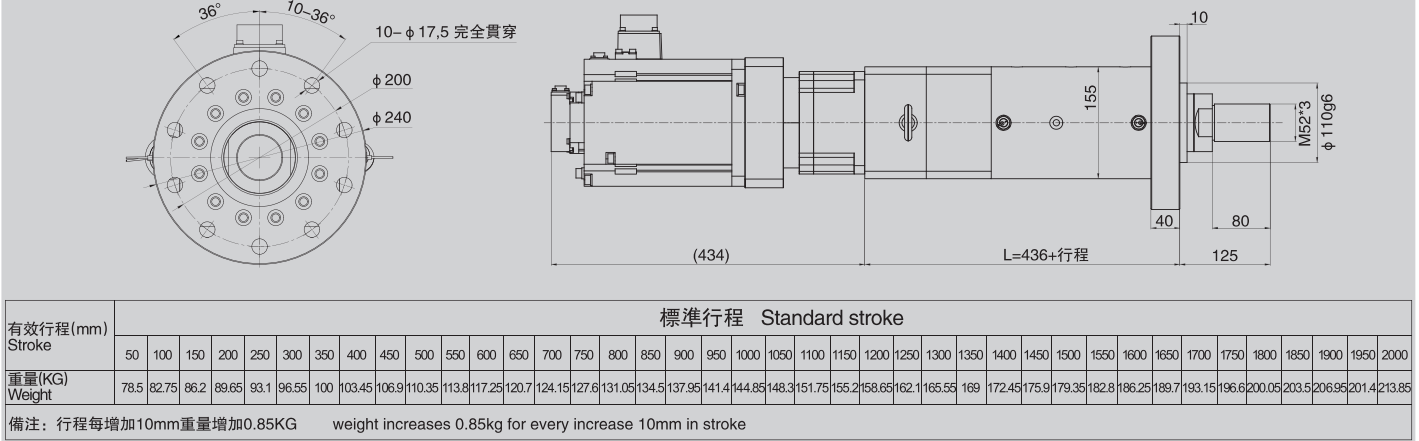


直線式
Linear Cylinder

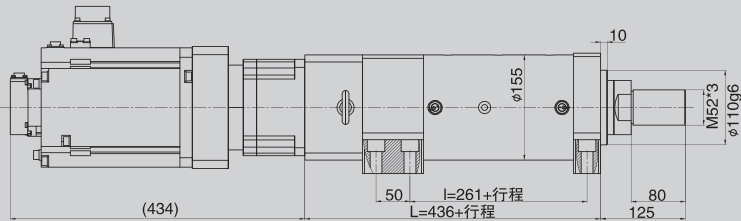
LDC130 直連前法蘭安裝-FA1
LDC130 Direct Connect Front Flange Mount-FA1



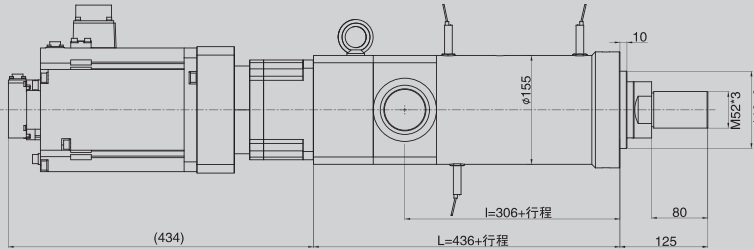
LDC130 直連前法蘭安裝-FA2
LDC130 Direct Connect Front Flange Mount-FA2



LDC130 Direct Attach Side Mount – LA

[illegible]

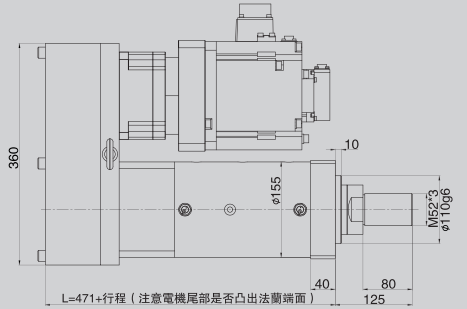
LDC130 Direct Attach Trunnion Mount – TC



	標準行程 Standard stroke																																							
有效行程(mm) Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
重量(KG) Weight	75.5	79.75	83.2	86.65	90.1	93.55	97	100.45	103.9	107.35	110.8	114.25	117.7	121.15	124.6	128.05	131.5	134.95	138.4	141.85	145.3	148.75	152.2	155.65	159.1	162.55	166	169.45	172.9	176.35	179.8	183.25	186.7	190.15	193.6	197.05	200.5	203.95	207.4	210.85
備注：行程每增加10mm重量增加0.85KG weight increases 0.85kg for every increase 10mm in stroke																																								

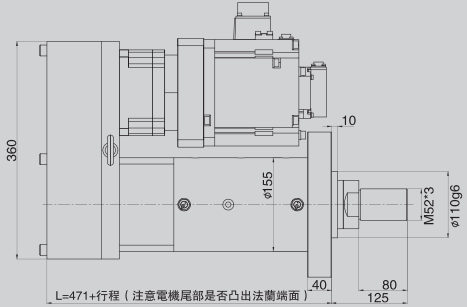
■ 轉折式
Transition type

LDC130 Turning Front Flange Mount-FA1



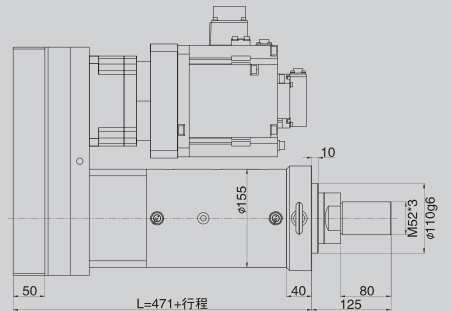
有效行程(mm) Stroke	標準行程 Standard stroke																																							
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
重量(KG) Weight	93	97.25	101.5	105.75	110	114.25	118.5	122.75	127	131.25	135.5	139.75	144	148.25	152.5	156.75	161	165.25	169.5	173.75	178	182.25	186.5	190.75	195	199.25	203.5	207.75	212	216.25	220.5	224.75	229	233.25	237.5	241.75	246	250.25	254.5	258.75
備注: 行程每增加10mm重量增加0.85KG	weight increases 0.85kg for every increase 10mm in stroke																																							

LDC130 Turning Front Flange Mount-FA2



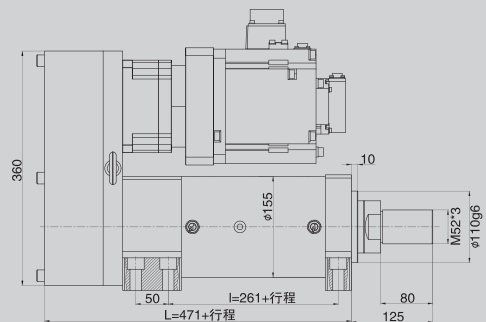
有效行程(mm) Stroke	標準行程 Standard stroke																																							
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
重量(KG) Weight	98.5	102.75	107	111.25	115.5	119.75	124	128.25	132.5	136.75	141	145.25	149.5	158	158	162.25	166.5	170.75	175	179.25	183.5	187.75	192	196.25	200.5	204.75	209	213.25	217.5	221.75	226	230.25	234.5	238.75	243	247.25	251.5	255.75	260	264.25
備注: 行程每增加10mm重量增加0.85KG weight increases 0.85kg for every increase 10mm in stroke																																								

LDC130 Back Flange Mount – FB

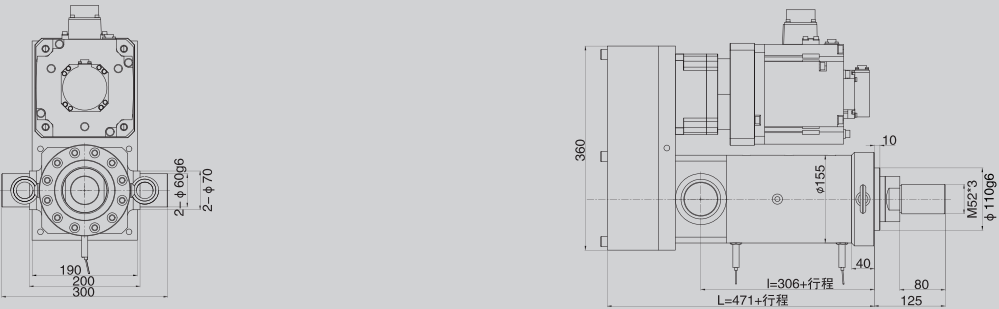


有效行程(mm) Stroke	標準行程 Standard stroke																																							
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
重量(KG) Weight	113.7	117.95	122.2	126.45	130.7	134.95	139.2	143.45	147.7	151.95	156.2	160.45	164.7	168.95	173.2	177.45	181.7	170.75	190.2	194.45	183.5	202.95	207.2	211.45	215.7	219.95	224.2	228.45	232.7	236.95	241.2	245.45	249.7	253.95	258.2	262.45	266.7	270.95	275.2	279.45
備注：行程每增加10mm重量增加0.85KG weight increases 0.85kg for every increase 10mm in stroke																																								

LDC130 Direct Attach Side Mount – LA

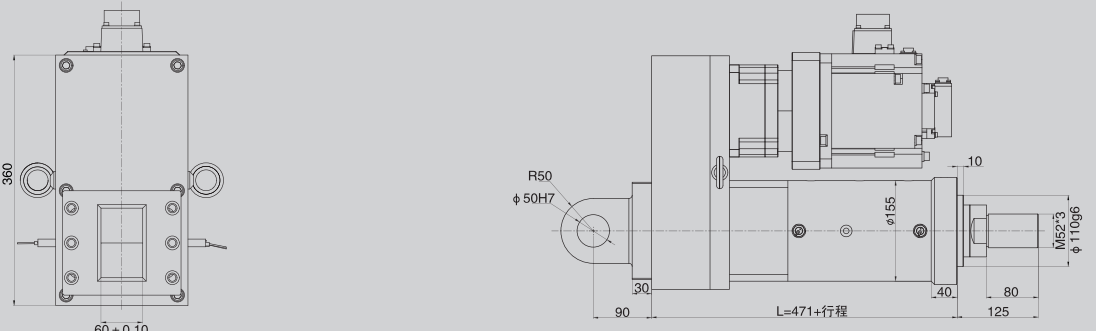
[illegible]

LDC130 轉折耳軸安裝-TC
LDC130 Folding Trunnion Mount-TC



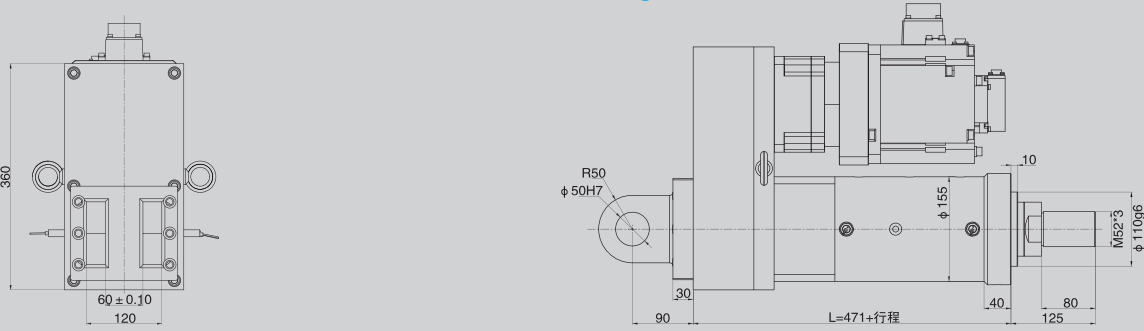
有效行程(mm) Stroke	標準行程 Standard stroke																																							
重量(KG) Weight	91.8	96.05	100.3	104.55	108.8	113.05	117.3	121.55	125.8	130.05	134.3	138.55	142.8	147.05	151.3	155.55	159.8	164.05	168.3	172.55	176.8	181.05	185.3	189.55	193.8	198.05	202.3	206.55	210.8	215.05	219.3	223.55	227.8	232.05	236.3	240.55	244.8	249.05	253.3	257.55
備注：行程每增加10mm重量增加0.85KG weight increases 0.85kg for every increase 10mm in stroke																																								

LDC130 轉折單耳環安裝-CA
LDC130 Turn Single Earring Mount – CA



有效行程(mm) Stroke	標準行程 Standard stroke																																							
重量(KG) Weight	103.3	107.55	111.8	116.05	120.3	124.55	128.8	133.05	137.3	141.55	145.8	150.05	154.3	158.55	162.8	167.05	171.3	175.55	179.8	184.05	188.3	192.55	196.8	201.05	205.3	209.55	213.8	218.05	222.3	226.55	230.8	235.05	239.3	243.55	247.8	252.05	256.3	260.55	264.8	269.05
備注：行程每增加10mm重量增加0.85KG weight increases 0.85kg for every increase 10mm in stroke																																								

LDC130 轉折雙耳環安裝-CB
LDC130 Turn Double Earring Mount-CB



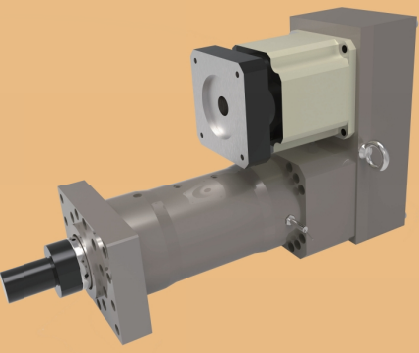
有效行程(mm) Stroke	標準行程 Standard stroke																																							
重量(KG) Weight	103.3	107.55	111.8	116.05	120.3	124.55	128.8	133.05	137.3	141.55	145.8	150.05	154.3	158.55	162.8	167.05	171.3	175.55	179.8	184.05	188.3	192.55	196.8	201.05	205.3	209.55	213.8	218.05	222.3	226.55	230.8	235.05	239.3	243.55	247.8	252.05	256.3	260.55	264.8	269.05
備注：行程每增加10mm重量增加0.85KG weight increases 0.85kg for every increase 10mm in stroke																																								

重載型電動缸 Heavy-duty electric cylinder

型號表示 Model representation

LDC150-100 – C – 20 – D – □ – A – Z – 0 400W – B – JS□ – T 3

系列型號 Model	行程 Stroke	精度等級 Accuracy grade C: 轉造C7 C: Transformation of C7 P: 研磨C5 P: GrindingC5	導程 Lead range 20	電機安裝方式 Motor installation method D-直連安裝 D-Direct installation P-轉折安裝 P-Turn installation	安裝方式 Installation mode FA-前法蘭 FA-Front Flange FB-後法蘭 FB-Back Flange TC-耳軸 TC-Trunnion LA-側面 LA-Side CA-單耳環 CA-Single ring CB-雙耳環 CB-double Ring	前端接頭 Connection A-外螺紋 A-Male thread B-內螺紋 B-Female thread Y-Y型鉸鏈 Y-Y hinge J-關節軸承 J-Joint Bearin	Z-客戶自配電機 Z-Customer own motor 無-我司配電機 NO-Our company with motor	電機品牌 Motor brand LZ-倫茨 LZ- Lenze PF-倍福 PF-BECKHOFF SM-西門子 SM-Siemens P-松下 P-Panasonic M-三菱 M-Mitsubishi Y-安川 Y-yaskawa T-臺達 T-delta O-其他 O- Others	B-帶剎車 B-With brake 無-無剎車 NO-No brake	速比 Ratio 無 NO 3 4 5 7 10	限位開關 limit switch T1=1個 T1=1 pc T2=2個 T2=2 Pcs T3=3個 T3=3 pcs
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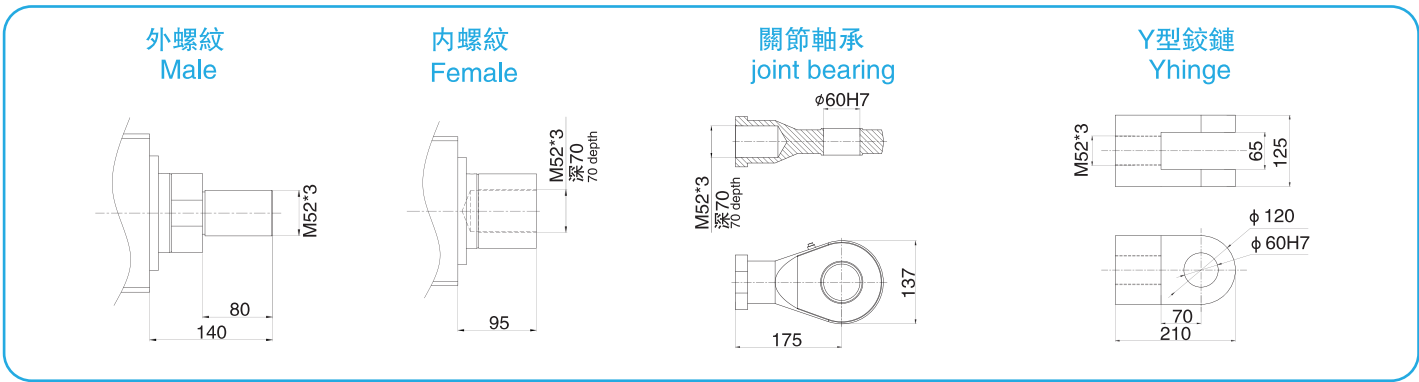


馬達出力 (W) Motor Power(W)	2KW (2000轉)	3KW (2000轉)	3KW (1500轉)	4.5KW (1500轉)
額定扭矩N.m Rated torqueN.m	9.55	14.32	19.1	28.65
傳動方式 Driving Mode	滾珠螺桿C7轉造/滾珠螺桿C5研磨(默認為C7) Ball Screw C7 Turning / Ball Screw C5 Grinding(default is C7)			
重復定位精度 (mm) Repositioning Accuracy(mm)	± 0.02/ ± 0.01			
螺桿導程pitch(mm) Thread pitch(mm)	20	20	20	20
額定速度 (mm/sec) /減速 Max Speed(mm/sec)	16(40:1) 13(50:1) 9(70:1)	26(25:1) 22(30:1) 16(40:1) 13(50:1)	25(20:1) 20(25:1) 16(30:1) 12(40:1)	33(15:1) 25(20:1) 20(25:1)
額定推力 (N) /減速比 (結構承載200000N) Rated thrust (N) / reduction ratio (Structure bearing 200000N)	102000(40:1) 127500(50:1) 178500(70:1)	95625(25:1) 114750(30:1) 153000(40:1) 191250(50:1)	102000(20:1) 127500(25:1) 153000(30:1) 204000(30:1)	114750(15:1) 153000(20:1) 191250(25:1)
有效行程 (mm) Effective Stroke(mm)	10-2000			
感應器 sensor	接近式開關*3 Proximity switch*3			

馬達出力 (W) Motor Power(W)	5.5KW (1500轉)	7.5KW (1500轉)	11KW (1500轉)	15KW (1500轉)
額定扭矩N.m Rated torqueN.m	35.01	47.74	70	95.4
傳動方式 Driving Mode	滾珠螺桿C7轉造/滾珠螺桿C5研磨(默認為C7) Ball Screw C7 Turning / Ball Screw C5 Grinding(default is C7)			
重復定位精度 (mm) Repositioning Accuracy(mm)	± 0.02/ ± 0.01			
螺桿導程pitch(mm) Thread pitch(mm)	20	20	20	20
額定速度 (mm/sec) /減速 Max Speed(mm/sec)	50(10:1) 33(15:1) 25(20:1)	62(8:1) 50(10:1) 33(15:1)	100(5:1) 62(8:1) 50(10:1)	100(5:1) 62(8:1)
額定推力 (N) /減速比 (結構承載200000N) Rated thrust (N) / reduction ratio (Structure bearing 200000N)	93500(10:1) 140250(15:1) 187000(20:1)	102000(8:1) 127500(10:1) 191250(10:1)	93500(5:1) 149600(8:1) 187000(10:1)	127500(5:1) 204000(8:1)
有效行程 (mm) Effective Stroke(mm)	10-4000 (長度大于1.5米以上時速度和推力視工況不同設定不同的安全系數)			
感應器 sensor	接近式開關*3 Proximity switch*3			

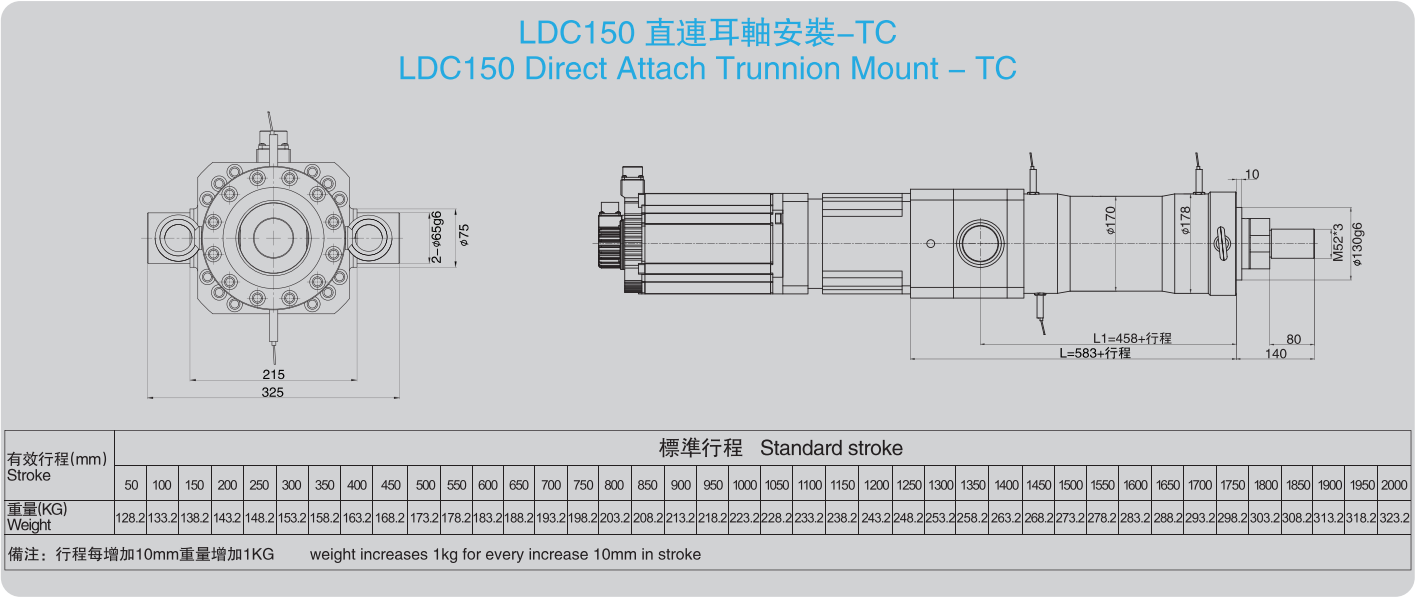
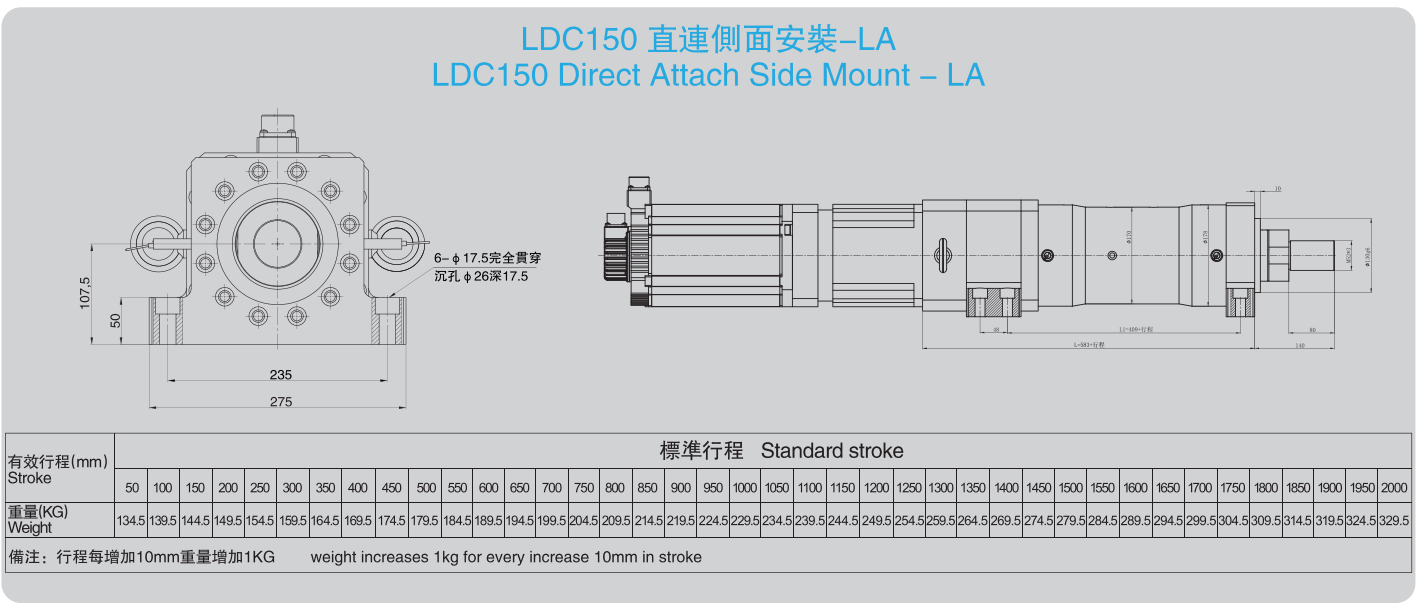
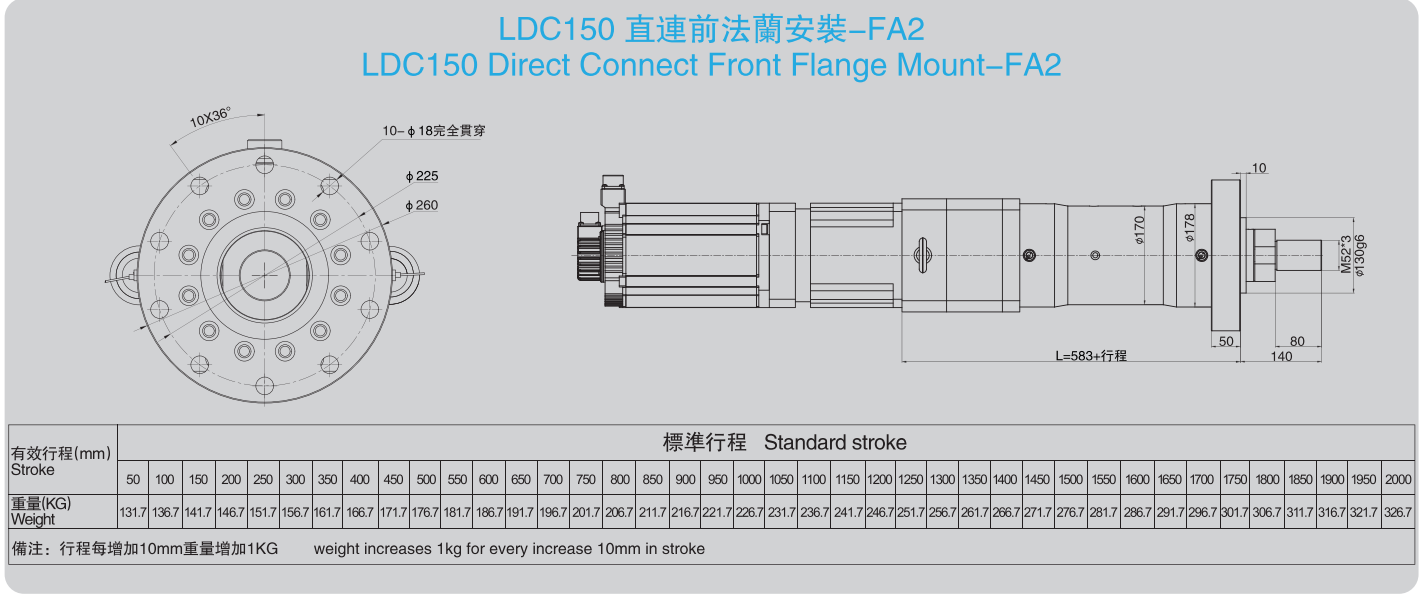
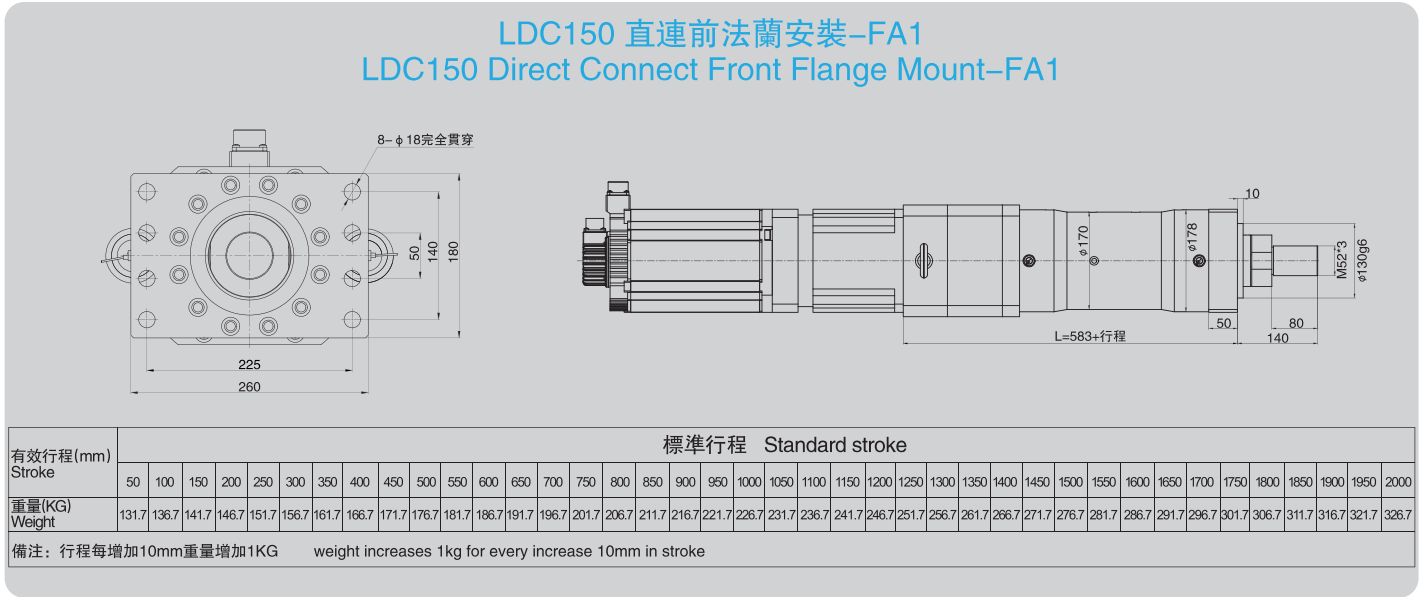
可選前端連接附件

Optional Front End Connection Accessories



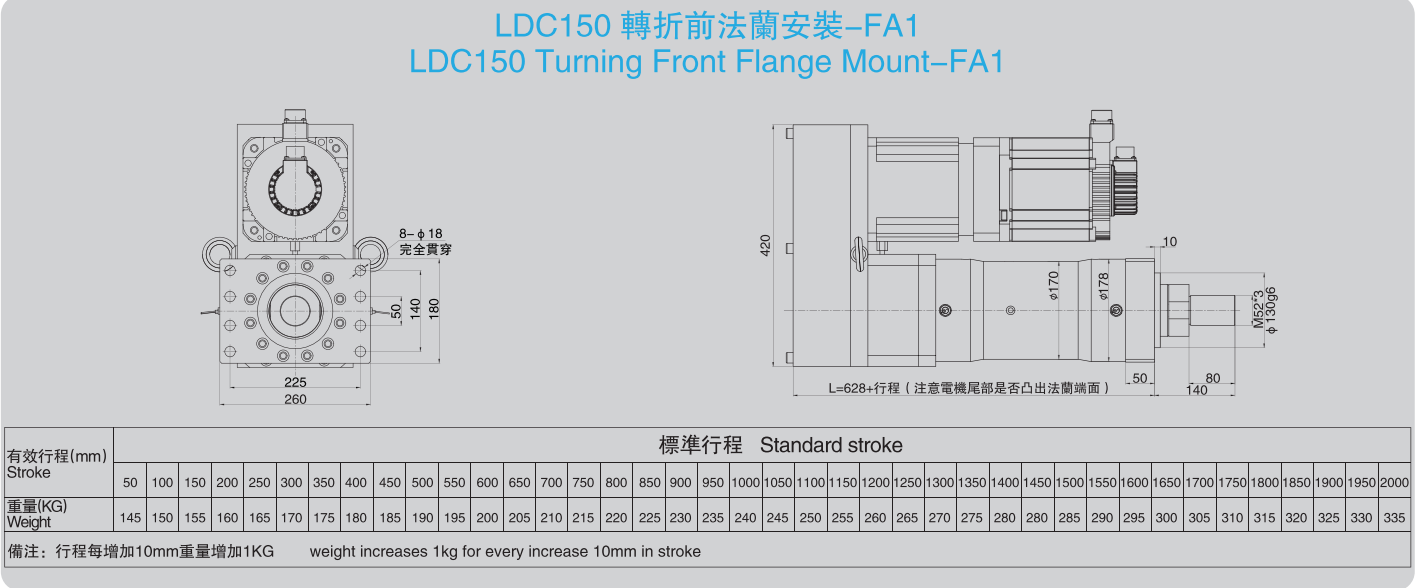
直線式

Linear Cylinder

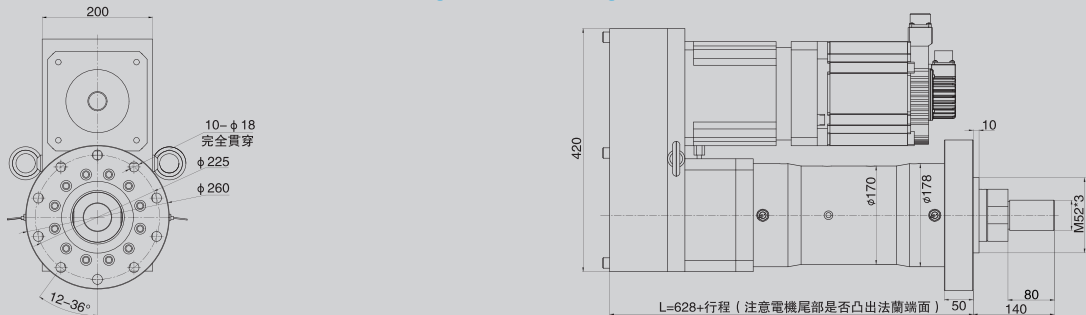


轉折式

Transition type

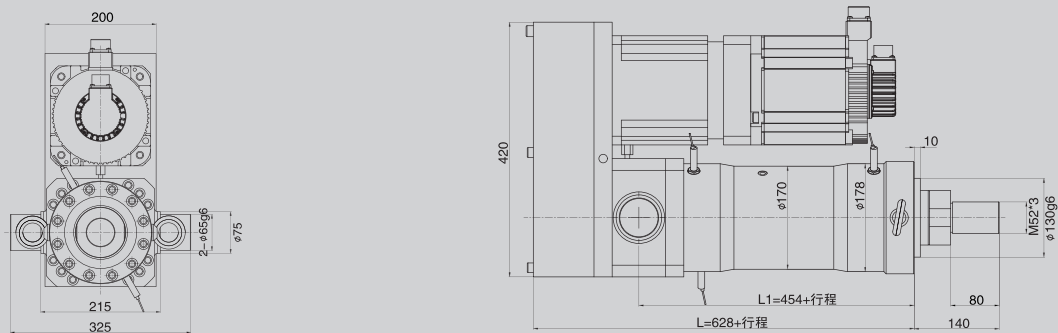


LDC150 轉折前法蘭安裝-FA2
LDC150 Turning Front Flange Mount-FA2



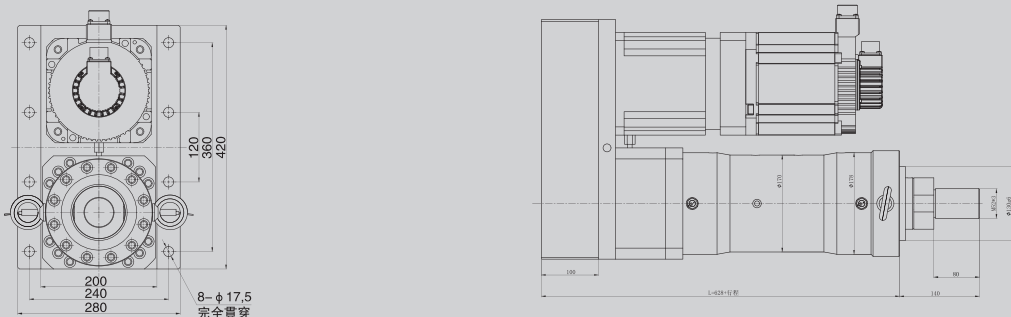
有效行程 (mm) Stroke	標準行程 Standard stroke																																							
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
重量(KG) Weight	146	151	156	161	166	171	176	181	186	191	196	201	206	211	216	221	226	231	236	241	246	251	256	261	266	271	276	281	286	291	296	301	306	311	316	321	326	331	336	341
備注：行程每增加10mm重量增加1KG weight increases 1kg for every increase 10mm in stroke																																								

LDC150 轉折耳軸安裝-TC
LDC150 Folding Trunnion Mount-TC



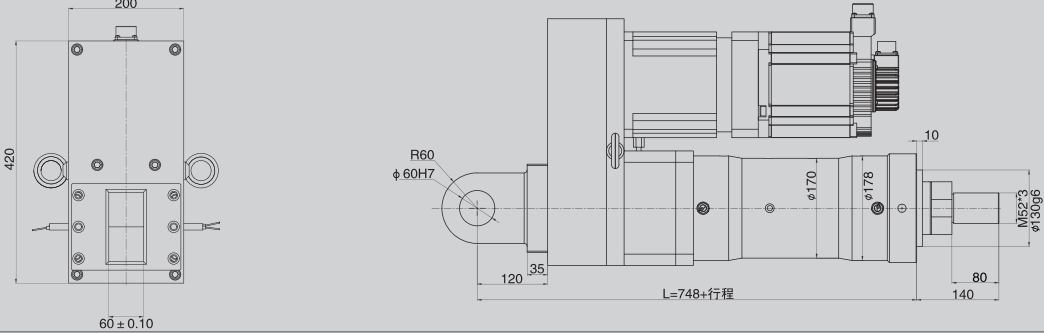
有效行程 (mm) Stroke	標準行程 Standard stroke																																							
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
重量 (KG) Weight	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300	305	310	315	320	325	330	335
備注：行程每增加10mm重量增加1KG weight increases 1kg for every increase 10mm in stroke																																								

LDC150 轉折後法蘭安裝-FB
LDC150 Back Flange Mount – FB



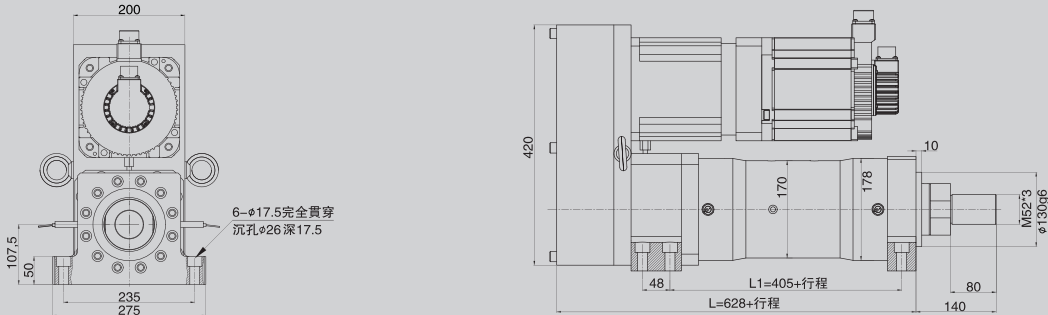
有效行程 (mm) Stroke	標準行程 Standard stroke																																							
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
重量 (kg) Weight	187	192	197	202	207	212	217	222	227	232	237	242	247	252	257	262	267	272	277	282	287	292	297	302	307	312	317	322	327	332	337	342	347	352	357	362	367	372	377	382
備注：行程每增加10mm重量增加1KG		weight increases 1kg for every increase 10mm in stroke																																						

LDC150 轉折單耳環安裝-CA
LDC150 Turn Single Earring Mount – CA



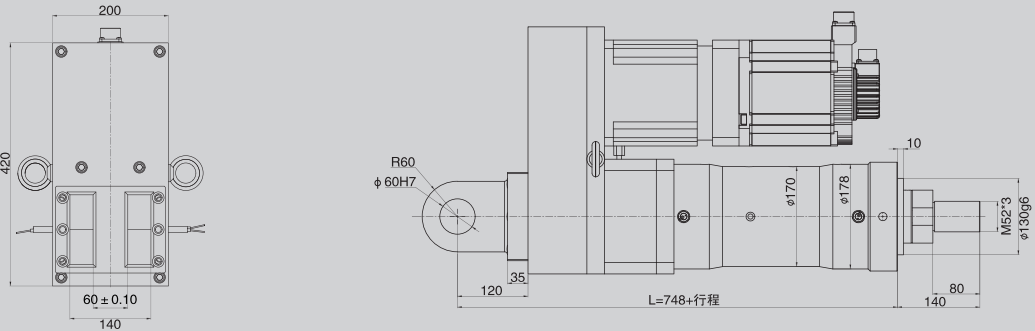
有效行程 (mm) Stroke	標準行程 Standard stroke																																							
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
重量(KG) Weight	168	173	178	183	188	193	198	203	208	213	218	223	228	233	238	243	248	253	258	263	268	273	278	283	288	293	298	303	308	313	318	323	328	333	338	343	348	353	358	363
備注：行程每增加10mm重量增加1KG weight increases 1kg for every increase 10mm in stroke																																								

LDC150 轉折側面安裝-LA
LDC150 Direct Attach Side Mount – LA



有效行程 (mm) Stroke	標準行程 Standard stroke																																							
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
重量 (KG) Weight	146	151	156	161	166	171	176	181	186	191	196	201	206	211	216	221	216	221	226	231	236	241	246	351	356	361	366	371	376	381	386	391	396	401	406	411	416	421	426	431
備注：行程每增加10mm重量增加1KG		weight increases 1kg for every increase 10mm in stroke																																						

LDC150 轉折雙耳環安裝-CB
LDC150 Turn Double Earring Mount-CB

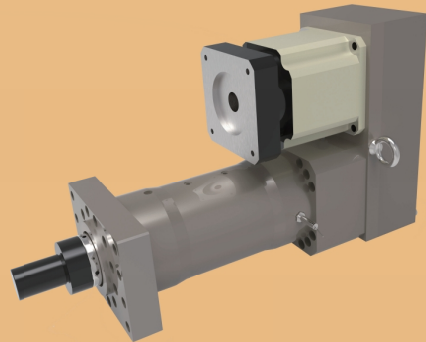


有效行程 (mm) Stroke	標準行程 Standard stroke																																							
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
重量(KG) Weight	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355	360	365
備注：行程每增加10mm重量增加1KG weight increases 1kg for every increase 10mm in stroke																																								

型號表示

Model representation

系列型號	行程	精度等級	導程	電機安裝方式	安裝方式	前端接頭	電機品牌	速比	限位開關
Model	Stroke	Accuracy grade C:轉造C7 C:Transformation of C7 P: 研磨C5 P:GrindingC5	Lead range 20	Motor installation method D-直連安裝 D-Direct installation P-轉折安裝 P-Turn installation	Installation mode FA-前法蘭 FA-Front Flange FB-後法蘭 FB-Back Flange TC-耳軸 TC-Trunnion LA-側面 LA-Side CA-單耳環 CA-Single ring CB-雙耳環 CB-double Ring	Connection A-外螺紋 A-Male thread B-內螺紋 B-Female thread Y-Y型鉸鏈 Y-Y hinge J-關節軸承 J-Joint Bearin	Motor brand LZ-倫茨 LZ- Lenze PF-倍福 PF-BECKHOFF SM-西門子 SM-Siemens P-露下 P-Panisonic M-三菱 M-Mitsubishi Y-安川 Y-yaskawa T-臺達 T-delta O-其他 O-Others	Ratio 無 NO 3 4 5 7 10	limit switch T1=1個 T1=1 pc T2=2個 T2=2 Pcs T3=3個 T3=3 pcs

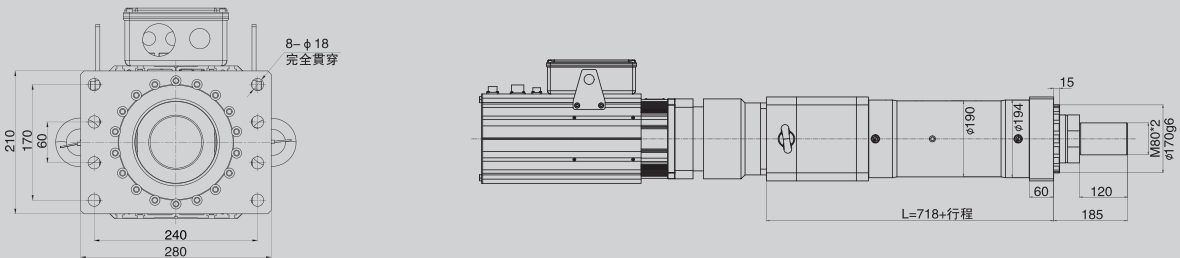


馬達出力 (W) Motor Power(W)	3KW (2000轉)	3KW (1500轉)	4.5KW (1500轉)	5.5KW (1500轉)
額定扭矩N.m Rated torqueN.m	14.32	19.1	28.65	35.01
傳動方式 Driving Mode	滾珠螺桿C5研磨(默認為C5) Ball screw C5 grinding (default is C5)			
重複定位精度 (mm) Repositioning Accuracy(mm)	± 0.02/ ± 0.01			
螺桿導程pitch(mm) Thread pitch(mm)	20	20	20	20
額定速度 (mm/sec) /減速 Max Speed(mm/sec)	13(50:1) 9(70:1)	12(40:1) 10(50:1)	20(25:1) 16(30:1) 14(35:1) 12(40:1)	25(20:1) 20(25:1) 14(35:1) 16(30:1)
額定推力 (N) /減速比 (結構承載300000N) Rated thrust (N) / reduction ratio (Structure bearing 300000N)	191250(50:1) 267750(70:1)	204000(40:1) 255000(50:1)	191250(25:1) 229500(30:1) 267750(35:1) 306000(40:1)	187000(20:1) 233750(25:1) 280500(30:1)
有效行程 (mm) Effective Stroke(mm)	10-2000			
感應器 sensor	接近式開關*3 Proximity switch*3			

馬達出力 (W) Motor Power(W)	7.5KW (1500轉)	11KW (1500轉)	15KW (1500轉)	20KW (1500轉)
額定扭矩N.m Rated torqueN.m	47.74	70	95.4	127.32
傳動方式 Driving Mode	滾珠螺桿C5研磨(默認為C5) Ball screw C5 grinding (default is C5)			
重複定位精度 (mm) Repositioning accuracy(mm)	± 0.02/ ± 0.01			
螺桿導程pitch(mm) Thread pitch(mm)	20	20	20	20
額定速度 (mm/sec) /減速 Max Speed(mm/sec)	33(15:1) 25(20:1)	50(10:1) 33(15:1)	62(8:1) 50(10:1)	100(5:1) 62(8:1)
額定推力 (N) /減速比 (結構承載300000N) Rated thrust (N) / reduction ratio (Structure bearing 300000N)	191250(15:1) 255000(20:1)	187000(10:1) 280500(15:1)	204000(8:1) 255000(10:1)	170000(5:1) 272000(8:1)
有效行程 (mm) Effective Stroke(mm)	10-2000			
感應器 sensor	接近式開關*3 Proximity switch*3			

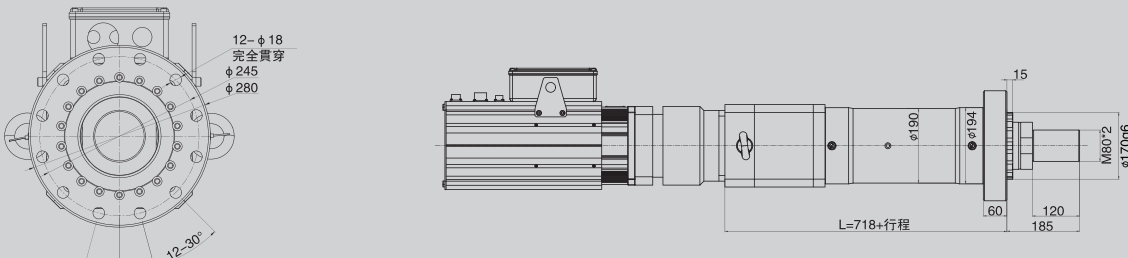
直綫式 Linear Cylinder

LDC170 直連前法蘭安裝-FA1
LDC170 Direct Connect Front Flange Mount-FA1

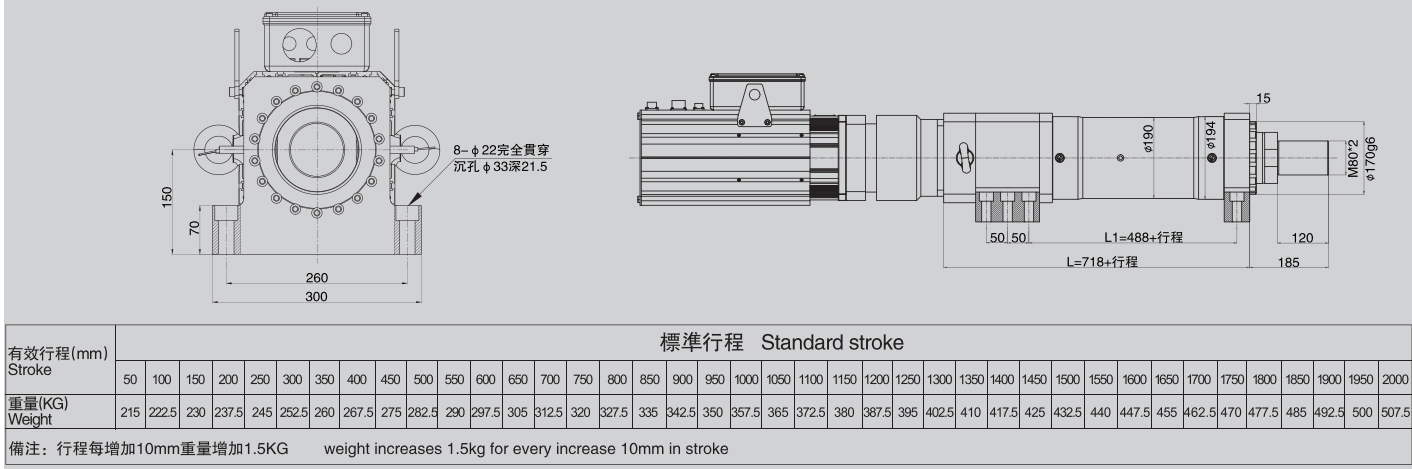


	標準行程 Standard stroke																																							
有效行程 (mm) Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
重量 (Kg) Weight	195	202.5	210	217.5	225	232.5	240	247.5	255	262.5	270	277.5	285	292.5	300	307.5	315	322.5	330	337.5	345	352.5	360	367.5	375	382.5	390	397.5	405	412.5	420	427.5	435	442.5	450	457.5	465	472.5	480	487.5
備注：行程每增加10mm重量增加1.5KG weight increases 1.5kg for every increase 10mm in stroke																																								

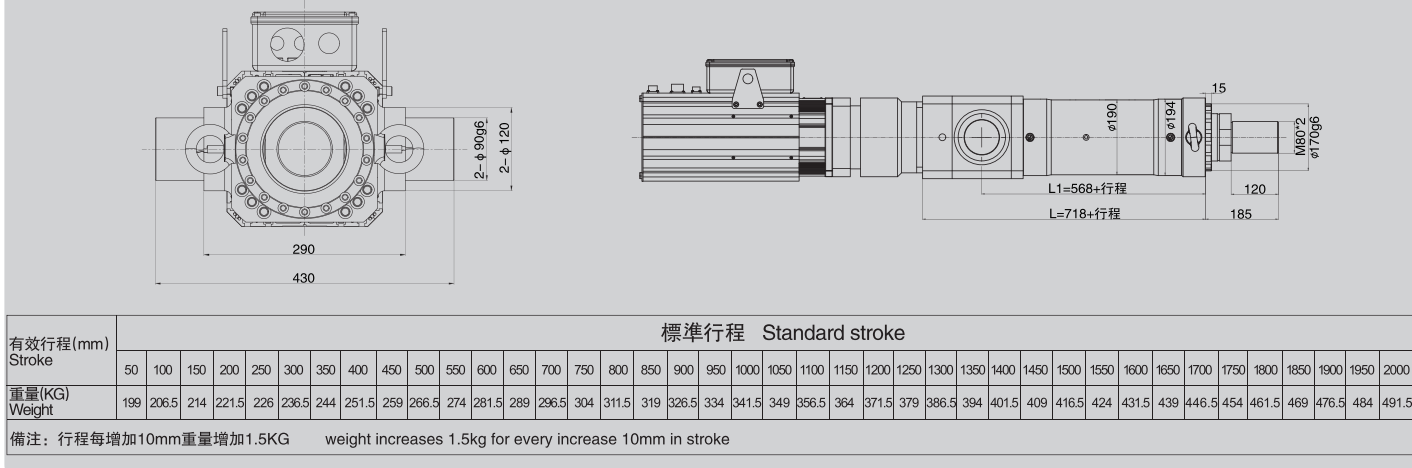
LDC170 直連前法蘭安裝-FA2
LDC170 Direct Connect Front Flange Mount-FA2

[illegible]

LDC170 直連側面安裝-LA
LDC170 Direct Attach Side Mount – LA

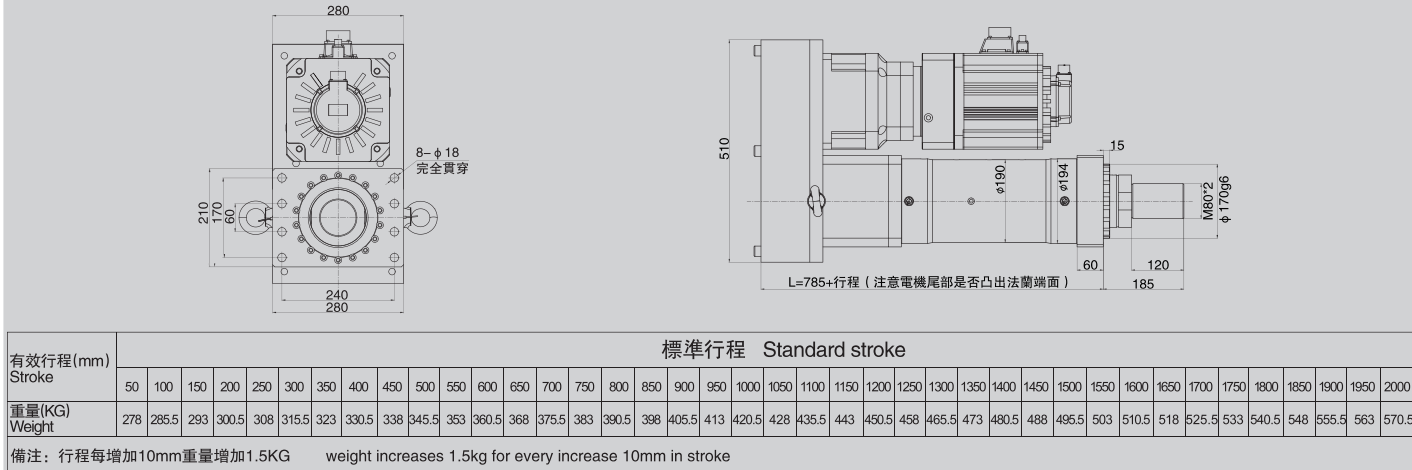


LDC170 直連耳軸安裝-TC
LDC170 Direct Attach Trunnion Mount – TC

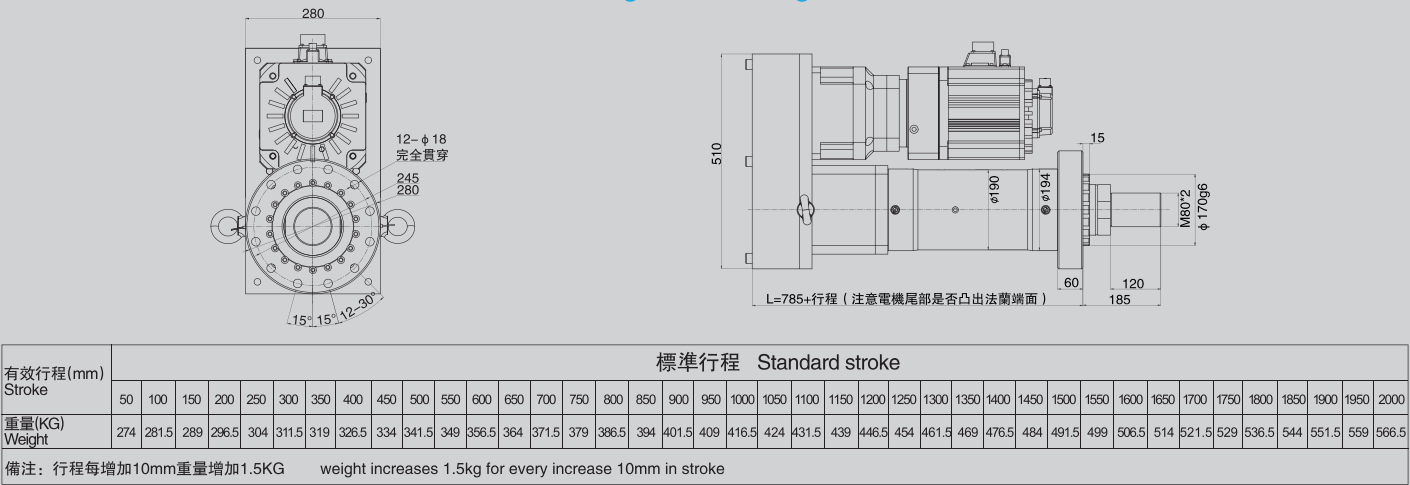


轉折式
Transition type

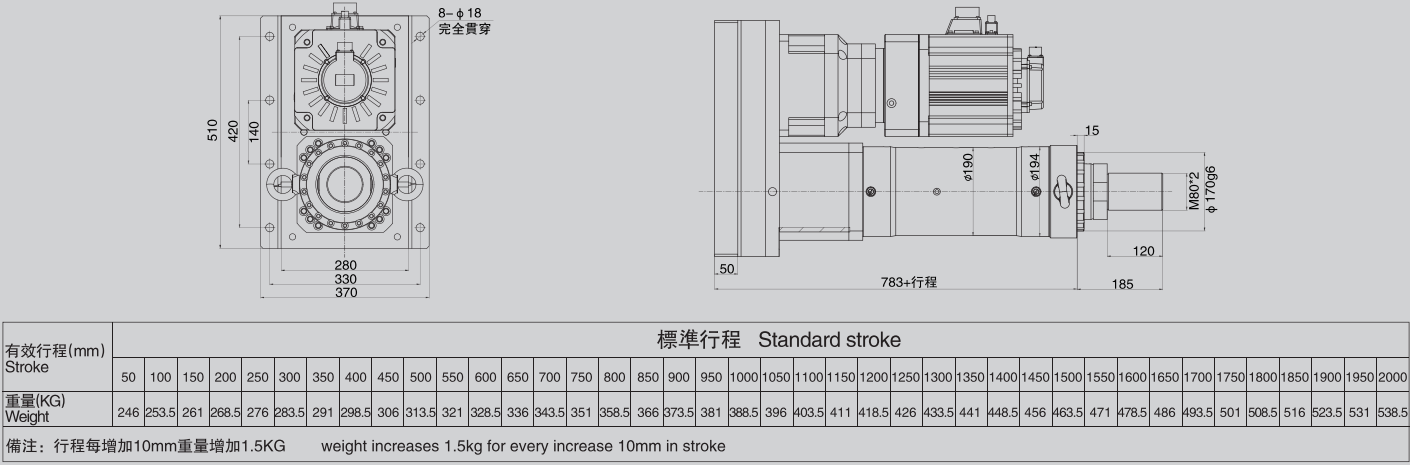
LDC170 轉折前法蘭安裝-FA1
LDC170 Turning Front Flange Mount-FA1



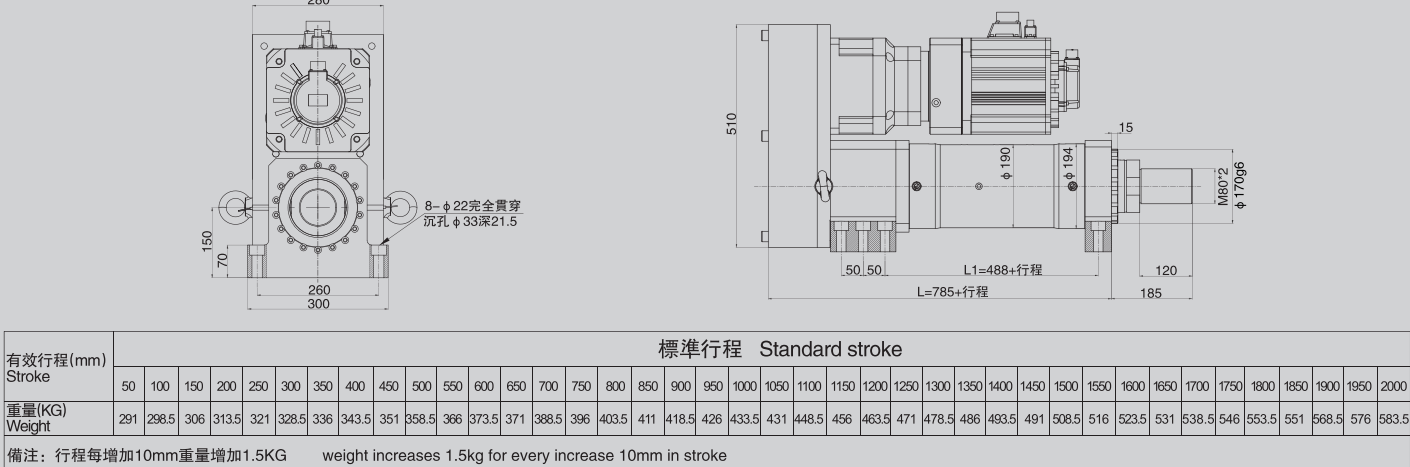
LDC170 轉折前法蘭安裝-FA2
LDC170 Turning Front Flange Mount-FA2



LDC170 轉折後法蘭安裝-FB
LDC170 Back Flange Mount – FB

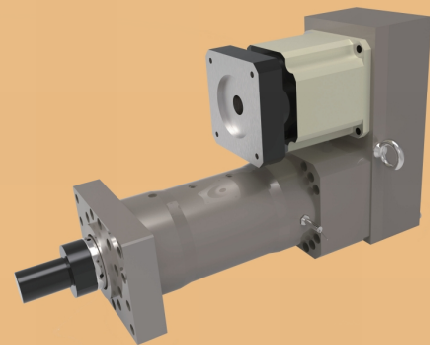
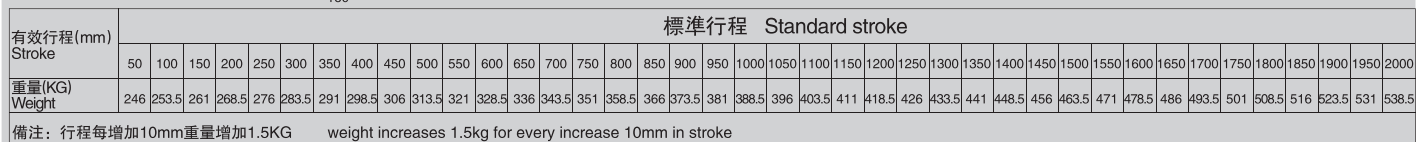
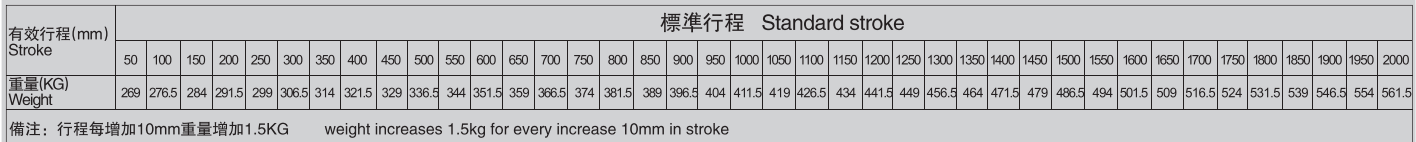
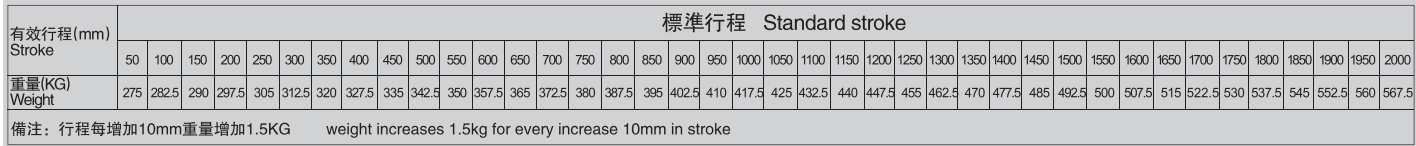


LDC170 轉折側面安裝-LA
LDC170 Direct Attach Side Mount – LA



■ 型號表示

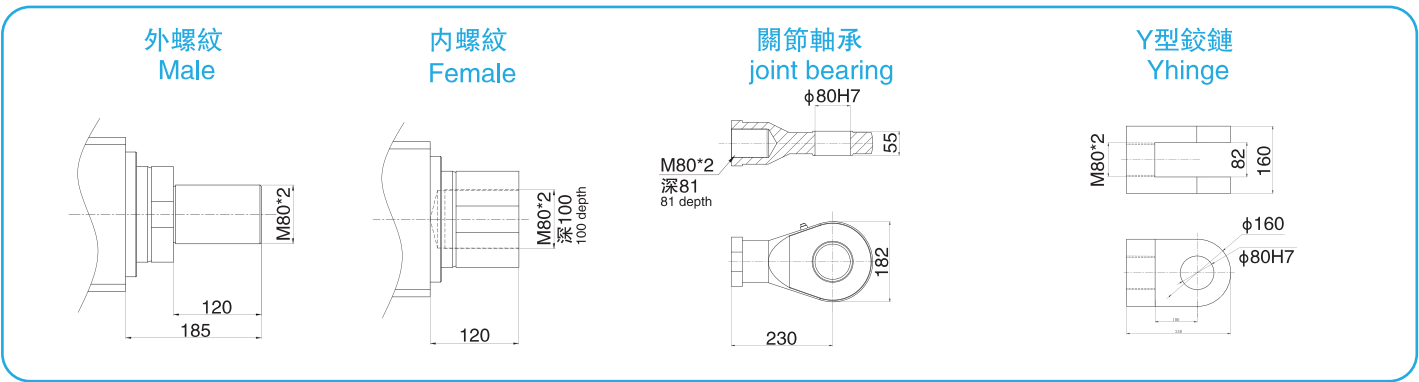
系列型號	行程	精度等級	導程	電機安裝方式	安裝方式	前端接頭	電機品牌	速比	限位開關
Model	Stroke	Accuracy grade	Lead range	Motor installation method	Installation mode	Connection	Motor brand	Ratio	Limit switch
C: 轉造C7 P: 研磨C5 P.GrindingC5			20	D-直連安裝 D-Direct installation P-轉折安裝 P-Turn installation	FA-前法蘭 FB-後法蘭 TC-耳軸 LA-側面 CA-單耳環 CB-雙耳環 CB-double Ring	A-外螺紋 A-Male thread B-內螺紋 B-Female thread Y-Y型鉸鏈 Y-Y hinge J-關節軸承 J-Joint Bearin	LZ倫茨 LZ- Lenze PF-倍福 PF-BECKHOFF SM-西門子 SM-Siemens P-鬆下 P-Panisonic M-三菱 M-Mitsubishi Y-安川 Y-yaskawa T-臺達 T-delta O-其他 O-Others	B-帶剎車 B-With brake 無-無剎車 NO-No brake 4 5 7 10	T1=1個 T1=1 pc T2=2個 T2=2 Pcs T3=3個 T3=3 pcs



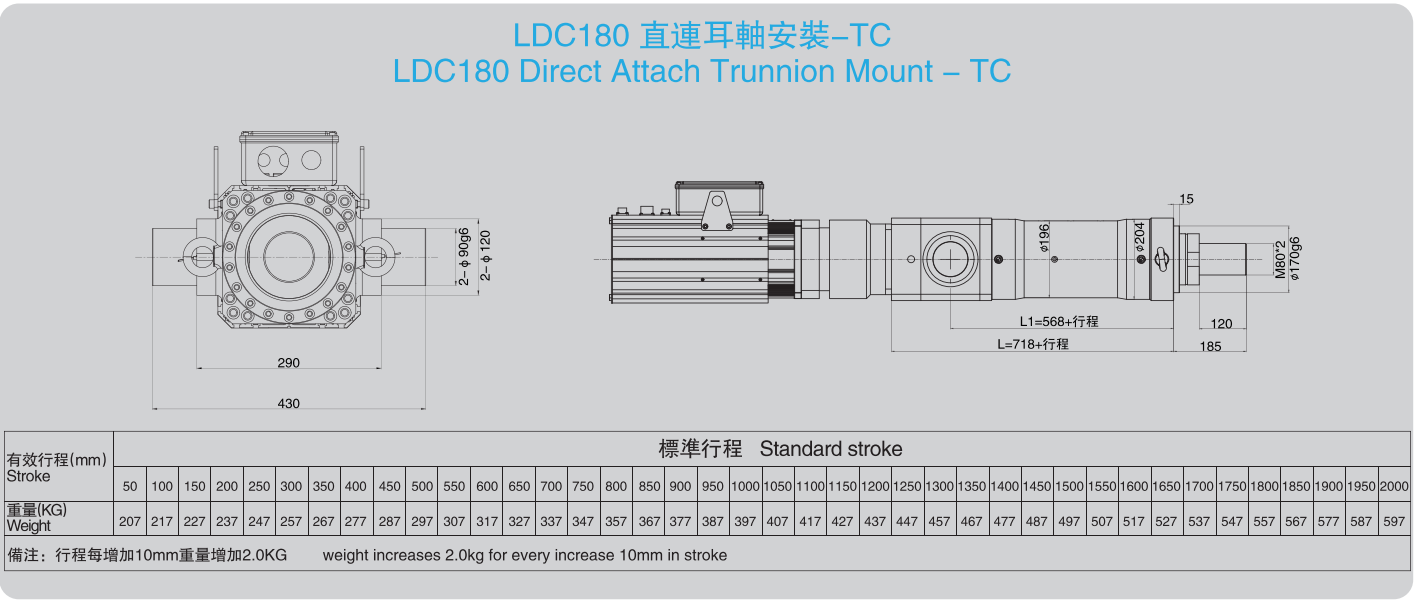
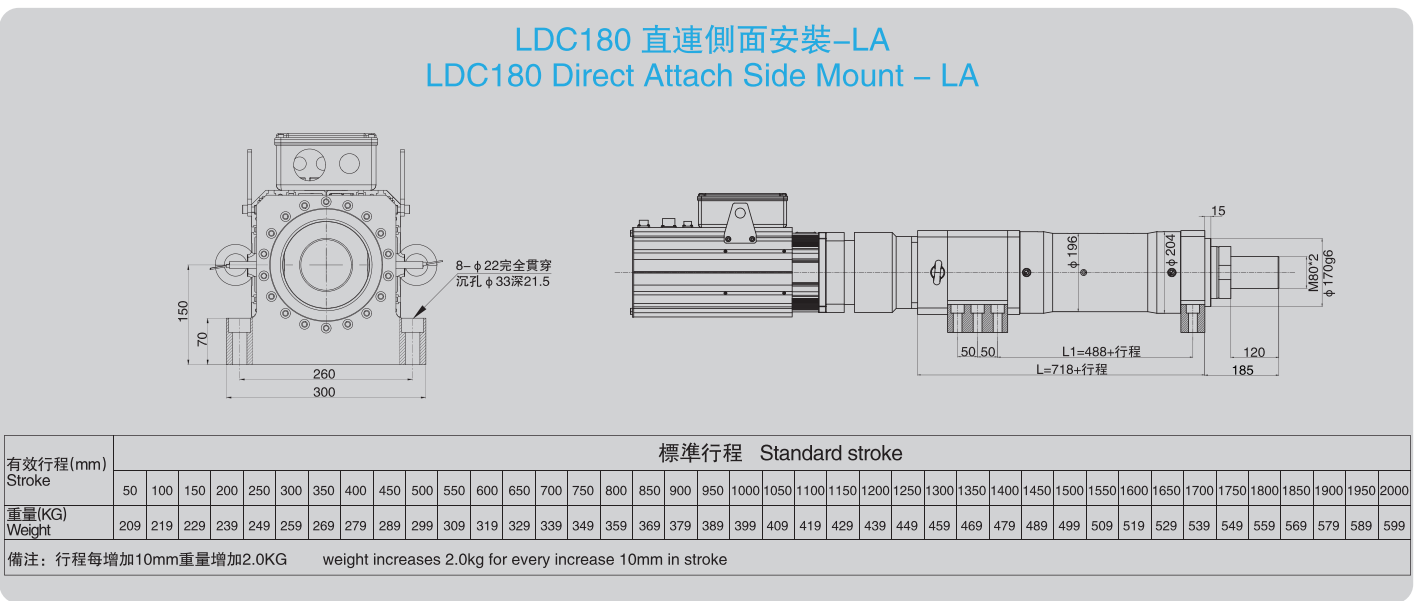
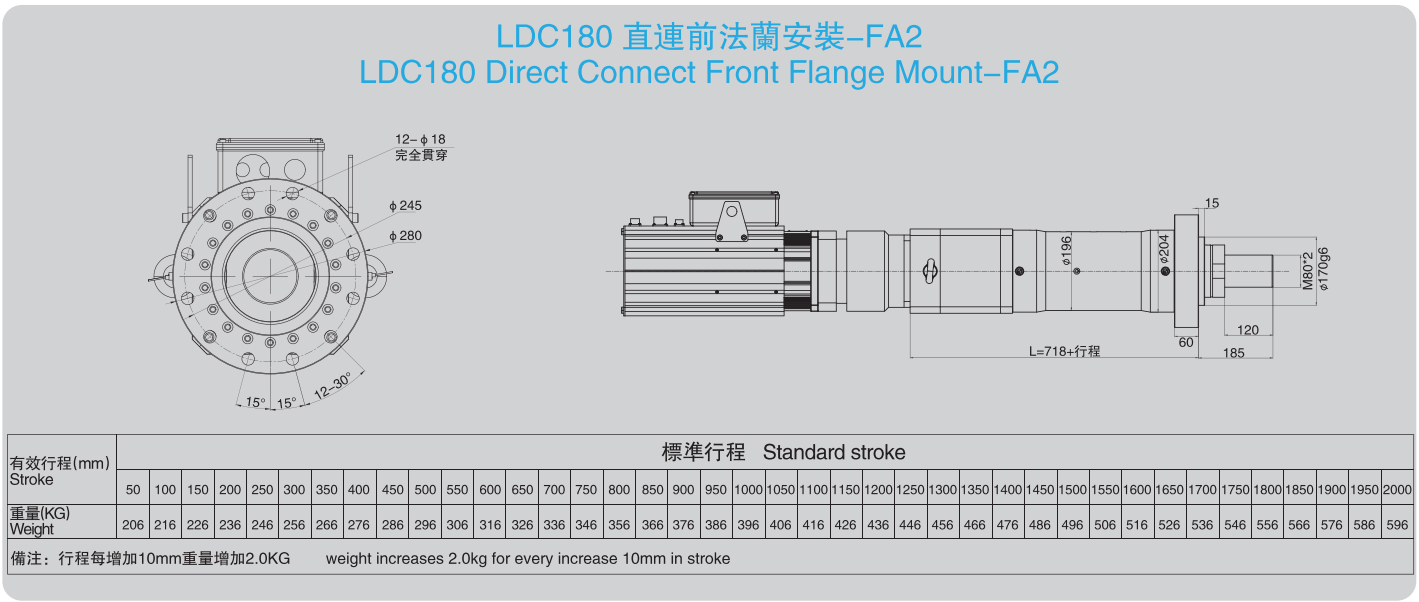
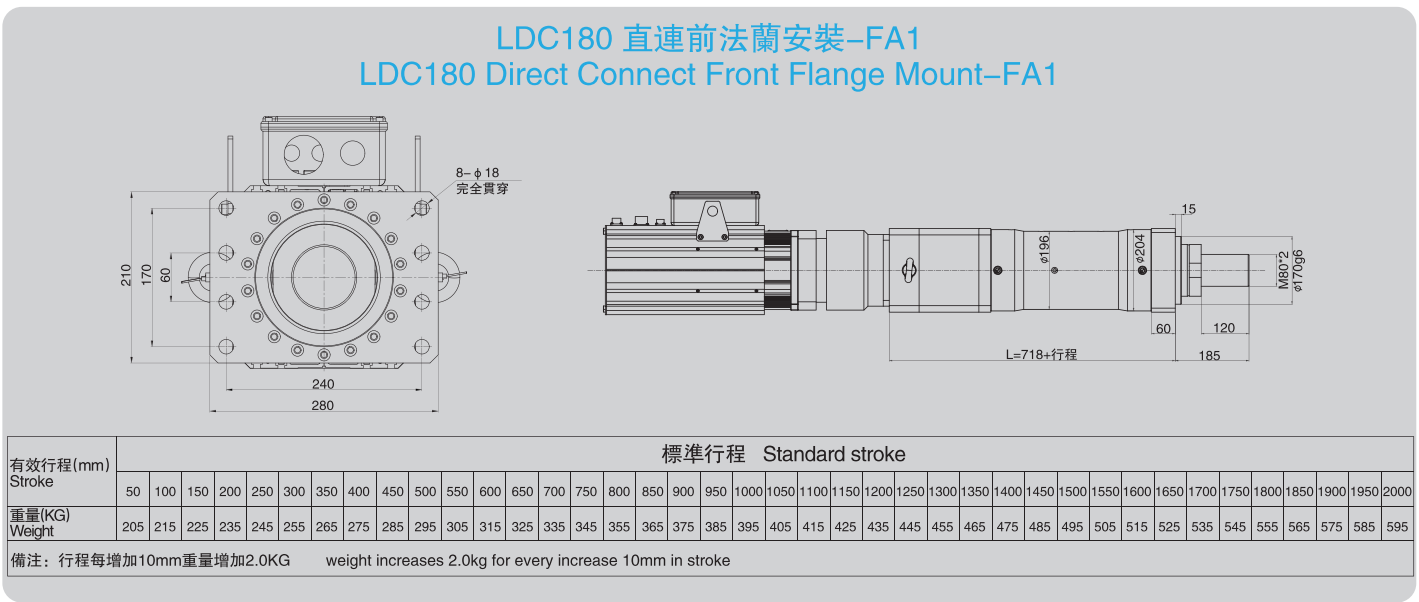
馬達出力 (W) Motor Power(W)	3KW (2000轉)	3KW (1500轉)	4.5KW (1500轉)	5.5KW (1500轉)
額定扭矩N.m Rated torqueN.m	14.32	19.1	28.65	35.01
傳動方式 Driving Mode	滾珠螺桿C7轉動/滾珠螺桿C5研磨/行星滾柱絲杠(默認為C7) Ball Screw C7 Turning / Ball Screw C5 Gminding / Planetary Roller Screw (default is C7)			
重複定位精度 (mm) Repositioning Accuracy(mm)	± 0.02/ ± 0.01			
螺桿導程pitch(mm) Thread pitch(mm)	20	20	20	20
額定速度 (mm/sec) /減速 Max Speed(mm/sec)	13(50:1) 9(70:1) 6(100:1)	10(50:1) 7(70:1)	12(40:1) 11(45:1) 10(50:1)	16(30:1) 14(35:1) 12(40:1)
額定推力 (N) /減速比 (結構承載400000N) Rated thrust (N) / reduction ratio (Structure bearing 400000N)	191250(50:1) 267750(70:1) 382500(100:1)	255000(50:1) 357000(70:1)	306000(40:1) 344250(45:1) 382500(50:1)	280500(30:1) 327250(35:1) 374000(40:1)
有效行程 (mm) Effective Stroke(mm)	10-2000			
感應器 sensor	接近式開關*3 Proximity switch*3			

馬達出力 (W) Motor Power(W)	7.5KW (1500轉)	11KW (1500轉)	15KW (1500轉)	20KW (1500轉)
額定扭矩N.m Rated torqueN.m	47.74	70	95.4	127.32
傳動方式 Driving Mode	滾珠螺桿C5研磨(默認為C5) Ball screw C5 grinding (default is C5)			
重複定位精度 (mm) Repositioning Accuracy(mm)	± 0.02/ ± 0.01			
螺桿導程pitch(mm) Thread pitch(mm)	20	20	20	20
額定速度 (mm/sec) /減速 Max Speed(mm/sec)	20(25:1) 16(30:1)	33(15:1) 25(20:1)	50(10:1) 33(15:1)	62(8:1) 50(10:1)
額定推力 (N) /減速比 (結構承載400000N) Rated thrust (N) / reduction ratio (Structure bearing 400000N)	318750(25:1) 382500(30:1)	280500(15:1) 374000(20:1)	255000(10:1) 382500(15:1)	272000(8:1) 340000(10:1)
有效行程 (mm) Effective Stroke(mm)	10-5000 (長度大于2米以上時速度和推力視工況不同設定不同的安全系數)			
感應器 sensor	接近式開關*3 Proximity switch*3			

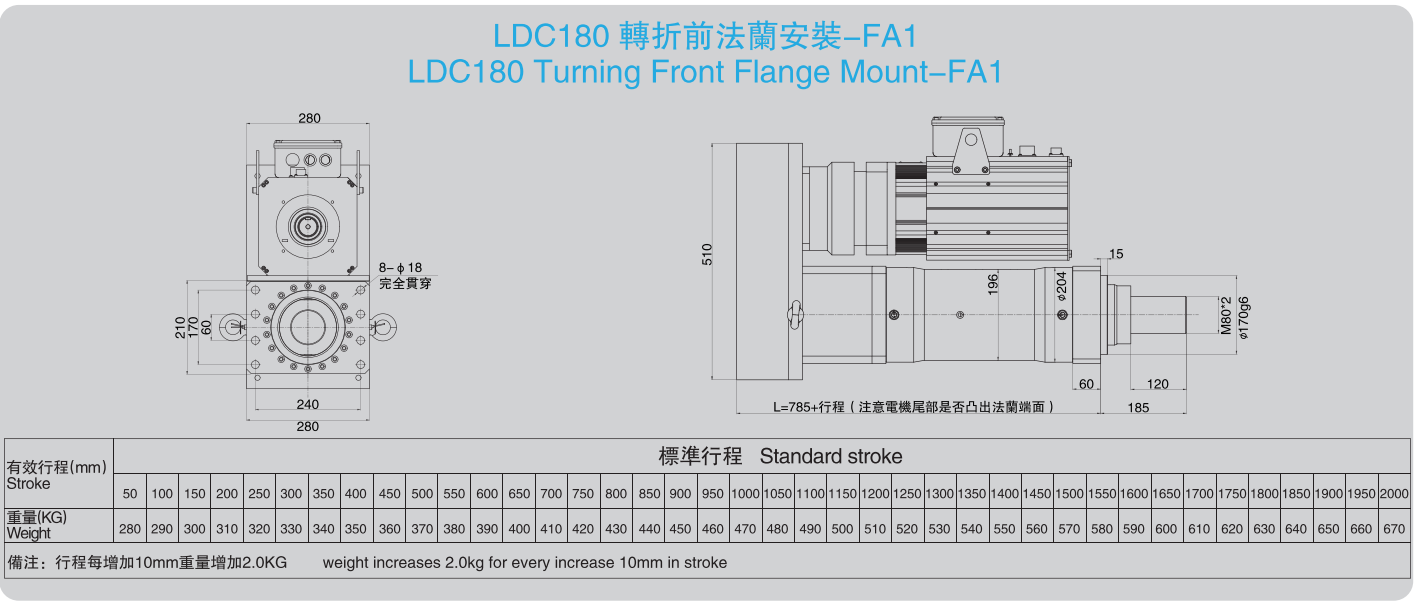
可選前端連接附件
Optional Front End Connection Accessories



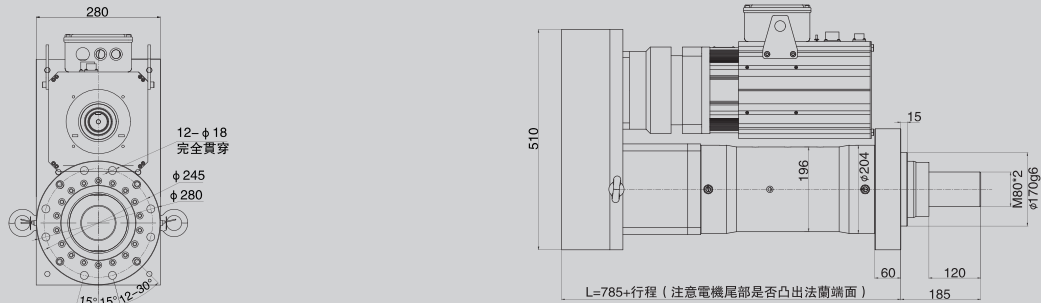
直綫式
Linear Cylinder



轉折式
Transition type

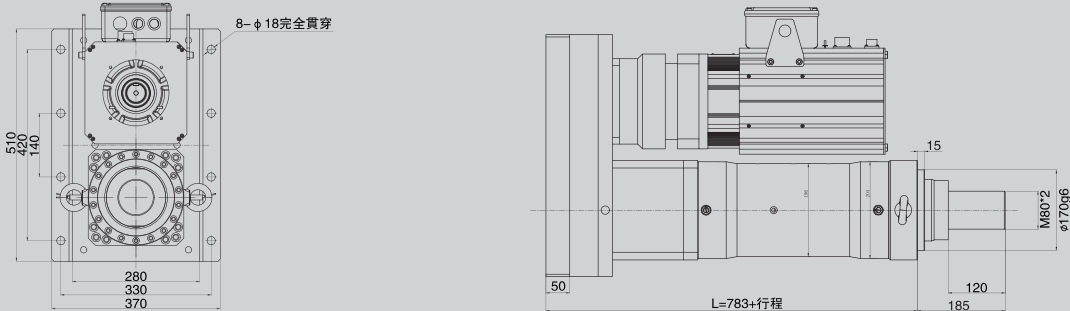


LDC180 轉折前法蘭安裝-FA2
LDC180 Turning Front Flange Mount-FA2



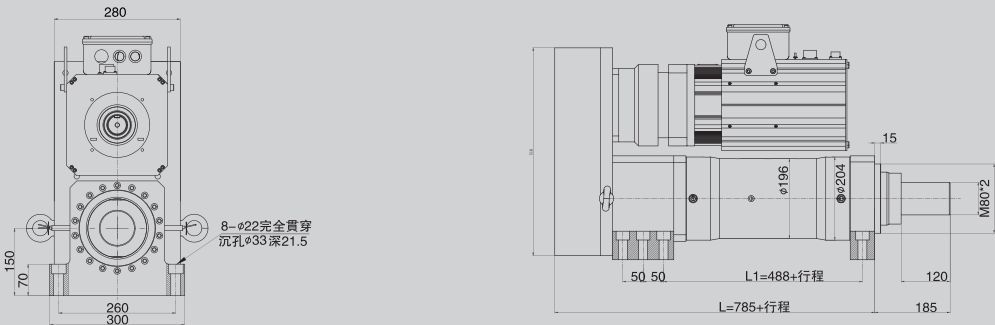
有效行程 (mm) Stroke	標準行程 Standard stroke																																																
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000									
重量 (KG) Weight	290	300	310	320	330	340	350	360	370	380	390	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600	610	620	630	640	650	660	670	680									
備注：行程每增加10mm重量增加2.0KG																									weight increases 2.0kg for every increase 10mm in stroke																								

LDC180 轉折後法蘭安裝-FB
LDC180 Back Flange Mount – FB



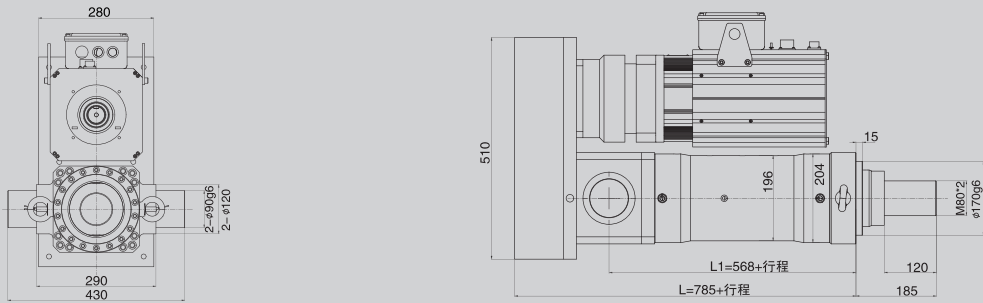
有效行程 (mm) Stroke	標準行程 Standard stroke																																							
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
重量 (KG) Weight	323	333	343	353	363	373	383	393	403	413	423	433	443	453	463	473	483	493	503	513	523	533	543	553	563	573	583	593	603	613	623	633	643	653	663	673	683	693	703	713
備注：行程每增加10mm重量增加2.0KG		weight increases 2.0kg for every increase 10mm in stroke																																						

LDC180 轉折側面安裝-LA
LDC180 Direct Attach Side Mount – LA



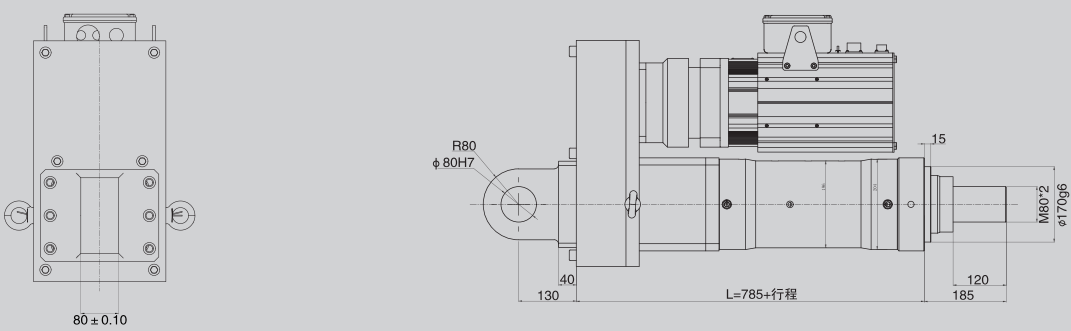
有效行程 (mm) Stroke	標準行程 Standard stroke																																							
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
重量 (KG) Weight	300	310	320	330	340	350	360	370	380	390	400	410	420	430	440	450	460	470	580	590	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
備注：行程每增加10mm重量增加2.0KG weight increases 2.0kg for every increase 10mm in stroke																																								

LDC180 轉折耳軸安裝-TC
LDC180 Folding Trunnion Mount-TC



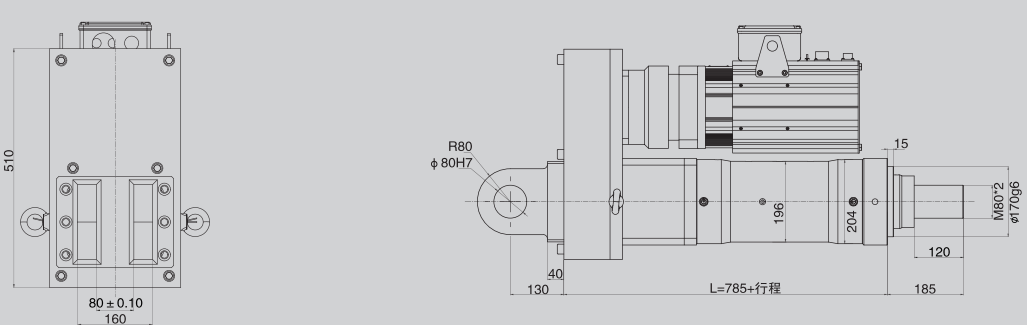
有效行程 (mm) Stroke	標準行程 Standard stroke																																							
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
重量(KG) Weight	290	300	310	320	330	340	350	360	370	380	390	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600	610	620	630	640	650	660	670	680
備注：行程每增加10mm重量增加2.0KG		weight increases 2.0kg for every increase 10mm in stroke																																						

LDC180 轉折單耳環安裝-CA
LDC180 Turn Single Earring Mount – CA



有效行程 (mm) Stroke	標準行程 Standard stroke																																							
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
重量 (KG) Weight	280	290	300	310	320	330	340	350	360	370	380	390	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600	610	620	630	640	650	660	670
備注：行程每增加10mm重量增加2.0KG weight increases 2.0kg for every increase 10mm in stroke																																								

LDC180 轉折單耳環安裝-CB
LDC180 Turn Single Earring Mount – CB



有效行程(mm) Stroke	標準行程 Standard stroke																																							
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
重量(KG) Weight	290	300	310	320	330	340	350	360	370	380	390	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600	610	620	630	640	650	660	670	680
備注：行程每增加10mm重量增加2.0KG		weight increases 2.0kg for every increase 10mm in stroke																																						

多節式電缸
Multi-section Cylinder

LMC/LMT多节式电缸系列特點
LMC/LMT multi-section electric cylinder series features

LMC/LMT系列多节式电动缸主要特点是用多节活塞杆嵌套，实现行程的折叠，做到本体短，行程长的效果，适用于安装空间受限、同时要实现一定的行程的场合。
多节缸分为同动式及单动式两种。同动式即多级活塞杆同时运动，同时执行伸出或缩回动作；单动式即各节活塞杆依次执行动作，一节走完走下一节。其中多节式电缸内部支撑刚性较好，执行动作稳定，精度、可靠性、强度比较好；同时由于多节同时运动，可以实现较快的速度；缺点是本体直径较大。单动式电缸本体体积小，但其内部主要以浮动支撑为主，支撑刚性较弱，精度、可靠性、强度较差，同时速度比较慢，仅适用于本体尺寸要求小，同时精度要求低、速度慢的场合。
根据丝杆的不同，多节式电缸可分为滚珠丝杆式及梯形丝杆式。滚珠丝杆精度高、传动效率高；梯形丝杆传动效率低、精度较差，但可以实现自锁功能。

The main feature of LMC/LMT series multi-section electric cylinder is that the multi-section piston rod is nested to realize the folding of the stroke, so that the body is short and the stroke is long. It is suitable for occasions where the installation space is limited and a certain stroke must be achieved at the same time.
Multi-section cylinders are divided into two types: simultaneous-action and single-action. The synchronous type means that the multi-stage piston rods move at the same time, and perform the extension or retraction action at the same time; the single-action type means that the piston rods of each section perform actions in sequence, and the next section is completed after one section. Among them, the multi-section electric cylinder has better internal support rigidity, stable execution, better precision, reliability and strength; at the same time, due to the simultaneous movement of multiple sections, it can achieve faster speed; the disadvantage is that the body diameter is larger. The single-acting electric cylinder body is small in size, but its interior is mainly based on floating support, the support rigidity is weak, the accuracy, reliability, and strength are poor, and the speed is relatively slow. It is only suitable for small body size requirements and low precision requirements. , the occasion of slow speed.

According to the difference of the screw, the multi-section electric cylinder can be divided into ball screw type and trapezoidal screw type. The ball screw has high precision and high transmission efficiency; the trapezoidal screw has low transmission efficiency and poor precision, but it can realize the self-locking function.

多節式電缸
Multi-section Cylinder

型號表示
Model representation

LMC2D120-200-C-L05-P-A-Z-SM 400W-B-JS5-T3

系列型號 Model: LMC2D:滾珠絲杆二節同動 LMC2D: Ball screw two-section simultaneous movement LMT2D:梯形絲杆二節同動 LMT2D: Trapezoidal screw two-section simultaneous movement

行程 Stroke: C7 無: 梯形絲杆 None: Trapezoidal lead screw

導程 Lead range: 5

電機安裝方式 Motor installation method: D-直連安裝 D-Direct installation P-轉折安裝 P-Turn installation

安裝方式 Installation mode: FA-前法蘭 FA-Front Flange FB-後法蘭 FB-Rear flange TC-耳軸 TC-Trunnion LA-側面 LA-Side CA-單尾紋 CA-single tail twist CB-雙尾紋 CB-double tail twist

電機品牌 Motor brand: Z-客戶自配電機 Z-Customer own motor 無-我司配電機 NO-Our company with motor

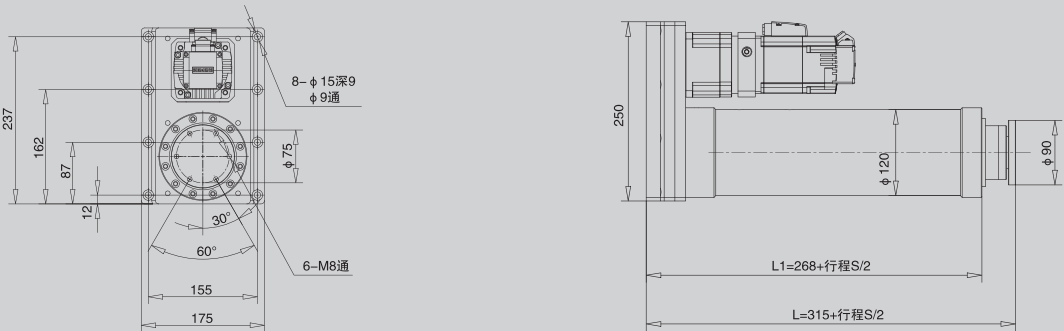
減速機 reducer: B-帶剎車 B-With brake 無-無剎車 NO-No brake

限位開關 limit switch: T1=1個 T1=1 pcs T2=2個 T2=2 pcs T3=3個 T3=3 pcs



傳動方式 Transfer method	梯形絲杆\滾珠絲杆 Trapezoidal screw\ball screw	
	梯形絲杆 Trapezoidal screw	滾珠絲杆 Ball screw
螺桿導程pitch(mm) Screw lead pitch(mm)	5	5
重複定位精度 (mm) Repeat positioning accuracy (mm)	± 0.5	± 0.2
額定速度 (mm/sec) Rated speed (mm/sec)	100	250
額定推力 (KN) Rated thrust (KN)	2	
有效行程 (mm) Effective stroke (mm)	200-1400	
感應器 Sensor	接近式開關*2 Proximity switch*2	

LMT2D120/LMC2D120



有效行程(mm) Stroke	標準行程 Standard stroke						
	200	400	600	800	1000	1200	1400
重量(KG) Weight	22	25	25	25	25	25	25

備注: 行程每增加200mm重量增加3.0KG weight increases 3.0kg for every increase 200mm in stroke

多節式電缸

Multi-section Cylinder

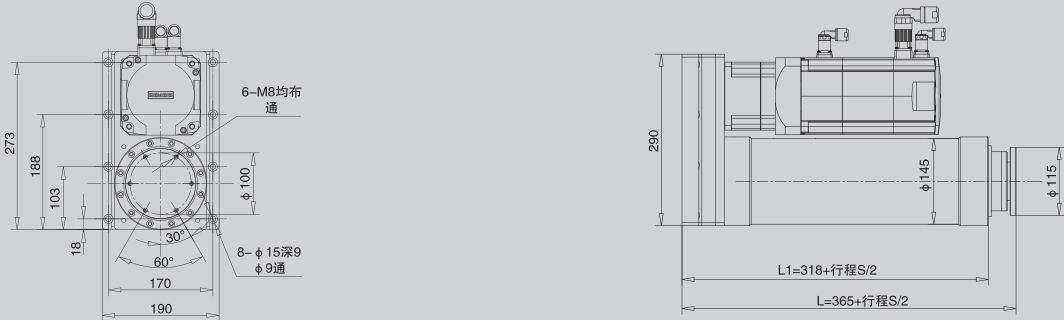
型號表示

Model representation

LMC2D145-200-C-L05-P-A-Z-SM 750W-B-JS5-T3

系列型號 Model	行程 Stroke	絲杆精度 Screw accuracy	導程 Lead range	電機安裝方式 Motor installation method	安裝方式 Installation mode	電機品牌 Motor brand	減速機 reducer	限位開關 limit switch
LMC2D:滾珠絲杆二節同動 LMC2D: Ball screw two-section simultaneous movement		C7	5	D-直連安裝 D-Direct installation	FA-前法蘭 FA-Front Flange	Z-客戶自配電機 Z-Customer own motor	LZ-倫茨 LZ-Lenz	B-帶剎車 B-With brake
LMT2D:梯形絲杆二節同動 LMT2D: Trapezoidal screw two-section simultaneous movement		無: 梯形絲杆 None: Trapezoidal lead screw	10	P-轉折安裝 P-Turn installation	FB-後法蘭 FB-Rear flange	無-我司配電機 NO-Our company with motor	PF-倍福 PF-Beckhoff	無-無剎車 NO-No brake
					TC-耳軸 TC-Trunnion		SM-西門子 SM-Siemens	T1=1個 T1=1 pcs
					LA-側面 LA-Side		P-鬆下 P-Panasonic	T2=2個 T2=2 pcs
					CA-單尾紋 CA-single tail twist		M-三菱 M-Mitsubishi	T3=3個 T3=3 pcs
					CB-雙尾紋 CB-double tail twist		Y-安川 Y-Yaschuan	
							T-臺達 T-Delta	
							O-其他 O-Others	

	傳動方式 Transfer method	梯形絲杆\滾珠絲杆 Trapezoidal screw\ball screw	
		梯形絲杆 Trapezoidal screw	滾珠絲杆 Ball screw
	螺桿導程pitch(mm) Screw lead pitch(mm)	5	10
	重複定位精度 (mm) Repeat positioning accuracy (mm)	± 0.5	± 0.2
	額定速度 (mm/sec) Rated speed (mm/sec)	100	250
	額定推力 (KN) Rated thrust (KN)	2	
	有效行程 (mm) Effective stroke (mm)	200-1600	
	感應器 Sensor	接近式開關*2 Proximity switch*2	

LMT2D145/LMC2D145								
								
有效行程(mm) Stroke	標準行程 Standard stroke							
	200	400	600	800	1000	1200	1400	1600
重量(KG) Weight	34	38.5	43	47.5	52	56.5	61	65.5
備注: 行程每增加200mm重量增加4.5KG weight increases 4.5kg for every increase 200mm in stroke								

多節式電缸

Multi-section Cylinder

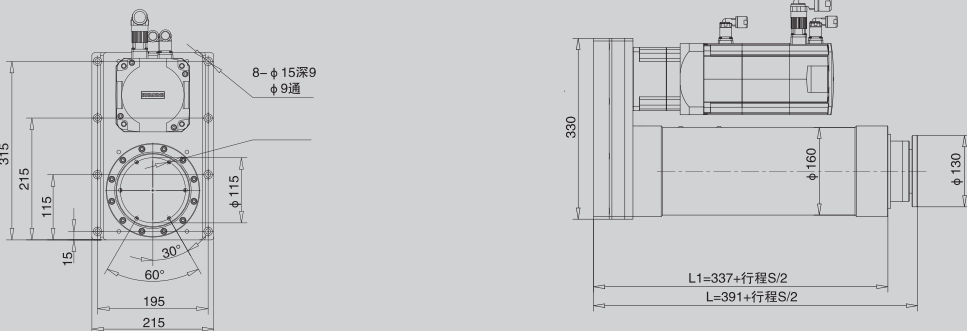
型號表示

Model representation

LMC2D160-200-C-L10-P-A-Z-SM 1KW-B-JS5-T3

系列型號 Model	行程 Stroke	絲杆精度 Screw accuracy	導程 Lead range	電機安裝方式 Motor installation method	安裝方式 Installation mode	電機品牌 Motor brand	減速機 reducer	限位開關 limit switch
LMC2D:滾珠絲杆二節同動 LMC2D: Ball screw two-section simultaneous movement		C7	6	D-直連安裝 D-Direct installation	FA-前法蘭 FA-Front Flange	Z-客戶自配電機 Z-Customer own motor	LZ-倫茨 LZ-Lenz	B-帶剎車 B-With brake
LMT2D:梯形絲杆二節同動 LMT2D: Trapezoidal screw two-section simultaneous movement		無: 梯形絲杆 None: Trapezoidal lead screw	10	P-轉折安裝 P-Turn installation	FB-後法蘭 FB-Rear flange	無-我司配電機 NO-Our company with motor	PF-倍福 PF-Beckhoff	無-無剎車 NO-No brake
					TC-耳軸 TC-Trunnion		SM-西門子 SM-Siemens	T1=1個 T1=1 pcs
					LA-側面 LA-Side		P-鬆下 P-Panasonic	T2=2個 T2=2 pcs
					CA-單尾紋 CA-single tail twist		M-三菱 M-Mitsubishi	T3=3個 T3=3 pcs
					CB-雙尾紋 CB-double tail twist		Y-安川 Y-Yaschuan	
							T-臺達 T-Delta	
							O-其他 O-Others	

	傳動方式 Transfer method	梯形絲杆\滾珠絲杆 Trapezoidal screw\ball screw	
		梯形絲杆 Trapezoidal screw	滾珠絲杆 Ball screw
	螺桿導程pitch(mm) Screw lead pitch(mm)	6	10
	重複定位精度 (mm) Repeat positioning accuracy (mm)	± 0.5	± 0.2
	額定速度 (mm/sec) Rated speed (mm/sec)	120	300
	額定推力 (KN) Rated thrust (KN)	2	
	有效行程 (mm) Effective stroke (mm)	200-2000	
	感應器 Sensor	接近式開關*2 Proximity switch*2	

LMT2D160/LMC2D160										
										
有效行程(mm) Stroke	標準行程 Standard stroke									
	200	400	600	800	1000	1200	1400	1600	1800	2000
重量(KG) Weight	70	78	86	94	102	110	118	126	134	142
備注: 行程每增加200mm重量增加8KG weight increases 8kg for every increase 200mm in stroke										

多節式電缸

Multi-section Cylinder

型號表示

Model representation

LMC2D200-200-C-L10-P-A-Z-SM 1.5KW-B-JS5-T3

系列型號 Model	行程 Stroke	絲杆精度 Screw accuracy	導程 Lead range	電機安裝方式 Motor installation method	安裝方式 Installation mode	電機品牌 Motor brand	減速機 reducer	限位開關 limit switch
LMC2D:滾珠絲杆二節同動 LMC2D: Ball screw two-section simultaneous movement		C7	7	D-直連安裝 D-Direct installation	FA-前法蘭 FA-Front Flange	Z-客戶自配電機 Z-Customer own motor	LZ-倫茨 LZ-Lenz	B-帶剎車 B-With brake
LMT2D:梯形絲杆二節同動 LMT2D: Trapezoidal screw two-section simultaneous movement		無: 梯形絲杆 None: Trapezoidal lead screw	10	P-轉折安裝 P-Turn installation	FB-後法蘭 FB-Rear flange	無-我司配電機 NO-Our company with motor	PF-倍福 PF-Beckhoff	速比 T1=1個 T1=1 pcs
					TC-耳軸 TC-Trunnion		SM-西門子 SM-Siemens	T2=2個 T2=2 pcs
					LA-側面 LA-Side		P-鬆下 P-Panasonic	T3=3個 T3=3 pcs
					CA-單尾紋 CA-single tail twist		M-三菱 M-Mitsubishi	
					CB-雙尾紋 CB-double tail twist		Y-安川 Y-Yaschuan	
							T-臺達 T-Delta	
							O-其他 O-Others	

	傳動方式 Transfer method	梯形絲杆\滾珠絲杆 Trapezoidal screw\ball screw	
		梯形絲杆 Trapezoidal screw	滾珠絲杆 Ball screw
	螺杆導程pitch(mm) Screw lead pitch(mm)	7	10
	重復定位精度 (mm) Repeat positioning accuracy (mm)	± 0.5	± 0.2
	額定速度 (mm/sec) Rated speed (mm/sec)	140	350
	額定推力 (KN) Rated thrust (KN)	30	
	有效行程 (mm) Effective stroke (mm)	200-2000	
	感應器 Sensor	接近式開關*2 Proximity switch*2	

LMT2D200/LMC2D200

有效行程(mm) Stroke	標準行程 Standard stroke									
	200	400	600	800	1000	1200	1400	1600	1800	2000
重量(KG) Weight	115	125	135	145	155	165	175	185	195	205
備注: 行程每增加200mm重量增加10KG weight increases 10kg for every increase 200mm in stroke										

多節式電缸

Multi-section Cylinder

型號表示

Model representation

LMC2D220-200-C-L10-P-A-Z-SM 2KW-B-JS5-T3

系列型號 Model	行程 Stroke	絲杆精度 Screw accuracy	導程 Lead range	電機安裝方式 Motor installation method	安裝方式 Installation mode	電機品牌 Motor brand	減速機 reducer	限位開關 limit switch
LMC2D:滾珠絲杆二節同動 LMC2D: Ball screw two-section simultaneous movement		C7	8	D-直連安裝 D-Direct installation	FA-前法蘭 FA-Front Flange	Z-客戶自配電機 Z-Customer own motor	LZ-倫茨 LZ-Lenz	B-帶剎車 B-With brake
LMT2D:梯形絲杆二節同動 LMT2D: Trapezoidal screw two-section simultaneous movement		無: 梯形絲杆 None: Trapezoidal lead screw	10	P-轉折安裝 P-Turn installation	FB-後法蘭 FB-Rear flange	無-我司配電機 NO-Our company with motor	PF-倍福 PF-Beckhoff	速比 T1=1個 T1=1 pcs
					TC-耳軸 TC-Trunnion		SM-西門子 SM-Siemens	T2=2個 T2=2 pcs
					LA-側面 LA-Side		P-鬆下 P-Panasonic	T3=3個 T3=3 pcs
					CA-單尾紋 CA-single tail twist		M-三菱 M-Mitsubishi	
					CB-雙尾紋 CB-double tail twist		Y-安川 Y-Yaschuan	
							T-臺達 T-Delta	
							O-其他 O-Others	

	傳動方式 Transfer method	梯形絲杆\滾珠絲杆 Trapezoidal screw\ball screw	
		梯形絲杆 Trapezoidal screw	滾珠絲杆 Ball screw
	螺杆導程pitch(mm) Screw lead pitch(mm)	8	10
	重復定位精度 (mm) Repeat positioning accuracy (mm)	± 0.5	± 0.2
	額定速度 (mm/sec) Rated speed (mm/sec)	160	400
	額定推力 (KN) Rated thrust (KN)	50	
	有效行程 (mm) Effective stroke (mm)	200-2000	
	感應器 Sensor	接近式開關*2 Proximity switch*2	

LMT2D220/LMC2D220

有效行程(mm) Stroke	標準行程 Standard stroke									
	200	400	600	800	1000	1200	1400	1600	1800	2000
重量(KG) Weight	160	173	186	199	212	225	238	251	264	277

備注：行程每增加200mm重量增加13KG weight increases 13kg for every increase 200mm in stroke

多節式電缸

Multi-section Cylinder

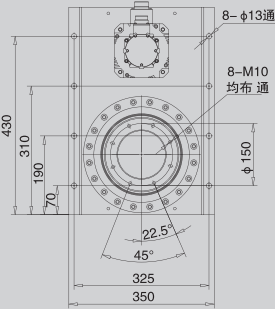
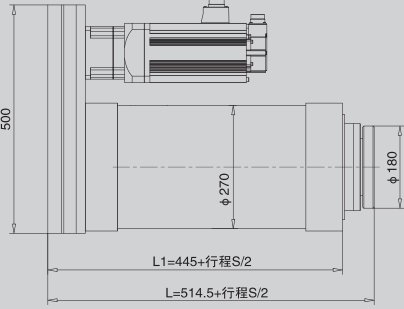
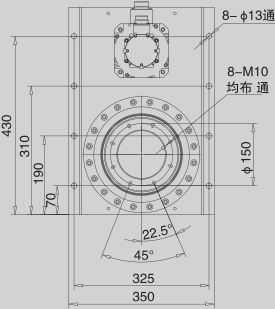
型號表示

Model representation

LMC2D270-200-C-L10-P-A-Z-SM 3KW-B-JS5-T3

系列型號 Model	行程 Stroke	絲杆精度 Screw accuracy	導程 Lead range	電機安裝方式 Motor installation method	安裝方式 Installation mode	電機品牌 Motor brand	減速機 reducer	限位開關 limit switch
LMC2D:滾珠絲杆二節同動 LMC2D: Ball screw two-section simultaneous movement		C7	9	D-直連安裝 D-Direct installation	FA-前法蘭 FA-Front Flange	Z-客戶自配電機 Z-Customer own motor	LZ-倫茨 LZ-Lenz	B-帶剎車 B-With brake
LMT2D:梯形絲杆二節同動 LMT2D: Trapezoidal screw two-section simultaneous movement		無: 梯形絲杆 None: Trapezoidal lead screw	10	P-轉折安裝 P-Turn installation	FB-後法蘭 FB-Rear flange	無-我司配電機 NO-Our company with motor	PF-倍福 PF-Beckhoff	速比 速比
					TC-耳軸 TC-Trunnion		SM-西門子 SM-Siemens	T1=1個 T1=1 pcs
					LA-側面 LA-Side		P-鬆下 P-Panasonic	T2=2個 T2=2 pcs
					CA-單尾紋 CA-single tail twist		M-三菱 M-Mitsubishi	T3=3個 T3=3 pcs
					CB-雙尾紋 CB-double tail twist		Y-安川 Y-Yaschuan	
							T-臺達 T-Delta	
							O-其他 O-Others	

	傳動方式 Transfer method	梯形絲杆\滾珠絲杆 Trapezoidal screw\ball screw	
		梯形絲杆 Trapezoidal screw	滾珠絲杆 Ball screw
	螺杆導程pitch(mm) Screw lead pitch(mm)	9	10
	重複定位精度 (mm) Repeat positioning accuracy (mm)	± 0.5	± 0.2
	額定速度 (mm/sec) Rated speed (mm/sec)	180	450
	額定推力 (KN) Rated thrust (KN)	70	
	有效行程 (mm) Effective stroke (mm)	200-2000	
	感應器 Sensor	接近式開關*2 Proximity switch*2	

LMT2D270/LMC2D270	
	
	
有效行程(mm) Stroke	標準行程 Standard stroke
重量(KG) Weight	
備注: 行程每增加200mm重量增加17KG weight increases17kg for every increase 200mm in stroke	

多節式電缸

Multi-section Cylinder

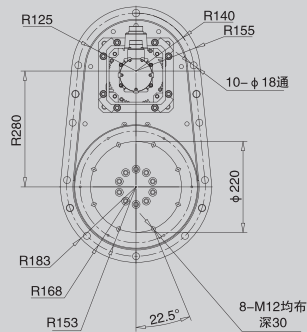
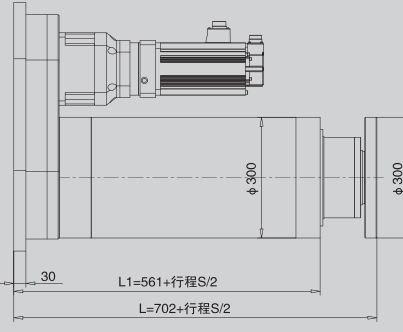
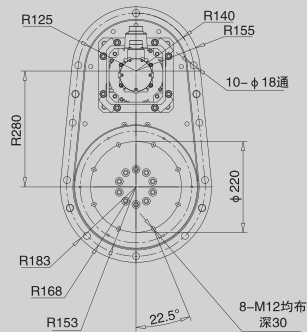
型號表示

Model representation

LMC2D300-200-C-L10-P-A-Z-SM 5KW-B-JS5-T3

系列型號 Model	行程 Stroke	絲杆精度 Screw accuracy	導程 Lead range	電機安裝方式 Motor installation method	安裝方式 Installation mode	電機品牌 Motor brand	減速機 reducer	限位開關 limit switch
LMC2D:滾珠絲杆二節同動 LMC2D: Ball screw two-section simultaneous movement		C7	10	D-直連安裝 D-Direct installation	FA-前法蘭 FA-Front Flange	Z-客戶自配電機 Z-Customer own motor	LZ-倫茨 LZ-Lenz	B-帶剎車 B-With brake
LMT2D:梯形絲杆二節同動 LMT2D: Trapezoidal screw two-section simultaneous movement		無: 梯形絲杆 None: Trapezoidal lead screw	12	P-轉折安裝 P-Turn installation	FB-後法蘭 FB-Rear flange	無-我司配電機 NO-Our company with motor	PF-倍福 PF-Beckhoff	速比 速比
					TC-耳軸 TC-Trunnion		SM-西門子 SM-Siemens	T1=1個 T1=1 pcs
					LA-側面 LA-Side		P-鬆下 P-Panasonic	T2=2個 T2=2 pcs
					CA-單尾紋 CA-single tail twist		M-三菱 M-Mitsubishi	T3=3個 T3=3 pcs
					CB-雙尾紋 CB-double tail twist		Y-安川 Y-Yaschuan	
							T-臺達 T-Delta	
							O-其他 O-Others	

	傳動方式 Transfer method	梯形絲杆\滾珠絲杆 Trapezoidal screw\ball screw	
		梯形絲杆 Trapezoidal screw	滾珠絲杆 Ball screw
	螺杆導程pitch(mm) Screw lead pitch(mm)	12	10
	重複定位精度 (mm) Repeat positioning accuracy (mm)	± 0.5	± 0.2
	額定速度 (mm/sec) Rated speed (mm/sec)	240	600
	額定推力 (KN) Rated thrust (KN)	100	
	有效行程 (mm) Effective stroke (mm)	200-2000	
	感應器 Sensor	接近式開關*2 Proximity switch*2	

LMT2D300/LMC2D300	
	
	
有效行程(mm) Stroke	標準行程 Standard stroke
重量(KG) Weight	
備注: 行程每增加200mm重量增加30KG weight increases30kg for every increase 200mm in stroke	

多節式電缸

Multi-section Cylinder

型號表示

Model representation

LMC3D200-300-C-L10-P-A-Z-SM 400W-B-JS5-T3

系列型號	行程	絲杆精度	導程	電機安裝方式	安裝方式	電機品牌	減速機	限位開關
Model	Stroke	Screw accuracy	Lead range	Motor installation method	Installation mode	Motor brand	reducer	limit switch
LMC3D200: 滾珠絲杆三節同動 LMC3D200: Ball screw three-section simultaneous motion		C7 無: 梯形絲杆 None: Trapezoidal lead screw	10	D-直連安裝 D-Direct installation P-轉折安裝 P-Turn installation	FA-前法蘭 FA-Front Flange FB-後法蘭 FB-Rear flange TC-耳軸 TC-Trunnion LA-側面 LA-Side CA-單尾紋 CA-single tail twist CB-雙尾紋 CB-double tail twist	Z-客戶自配電機 Z-Customer own motor 無-我司配電機 NO-Our company with motor	B-帶剎車 B-With brake 無-無剎車 NO-No brake	T1=1個 T1=1 pcs T2=2個 T2=2 pcs T3=3個 T2=2 pcs



傳動方式 Transfer method	滾珠絲杆 ball screw
重複定位精度 (mm) Repeat positioning accuracy (mm)	± 0.2
螺桿導程pitch(mm) Screw lead pitch(mm)	10
額定速度 (mm/sec) Rated speed (mm/sec)	0~500mm/s
額定推力 (KN) Rated thrust (KN)	0~2KN
有效行程 (mm) Effective stroke (mm)	300~3000
感應器 Sensor	接近式開關*3 Proximity switch*3

多節式電缸

Multi-section Cylinder

型號表示

Model representation

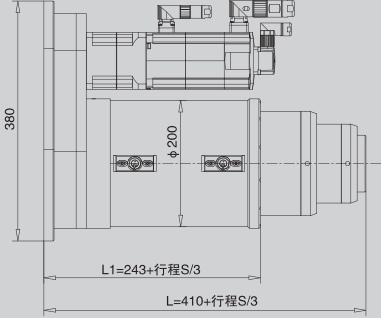
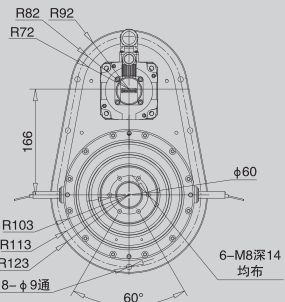
LMC3D220-300-C-L10-P-A-Z-SM 750W-B-JS5-T3

系列型號	行程	絲杆精度	導程	電機安裝方式	安裝方式	電機品牌	減速機	限位開關	
Model	Stroke	Screw accuracy	Lead range	Motor installation method	Installation mode	Motor brand	reducer	limit switch	
LMC3D220: 滾珠絲杆三節同動 LMC3D200: Ball screw three-section simultaneous motion		C7 無： 梯形絲杆 None: Trapezoidal lead screw	10	D-直連安裝 D-Direct installation P-轉折安裝 P-Turn installation	FA-前法蘭 FA-Front Flange FB-後法蘭 FB-Rear flange TC-耳軸 TC-Trunnion LA-側面 LA-Side CA-單尾紋 CA-single tail twist CB-雙尾紋 CB-double tail twist	Z-客戶自配電機 Z-Customer own motor 無-我司配電機 NO-Our company with motor	LZ-倫茨 LZ-Lenz PF-倍福 PF-Beckhoff SM-西門子 SM-Siemens P-鬆下 P-Panasonic M-三菱 M-Mitsubishi Y-安川 Y-Yaschuan T-臺達 T-Delta O-其他 O-Others	B-帶剎車 B-With brake 無-無剎車 NO-No brake	T1=1個 T1=1 pcs T2=2個 T2=2 pcs T3=3個 T2=2 pcs



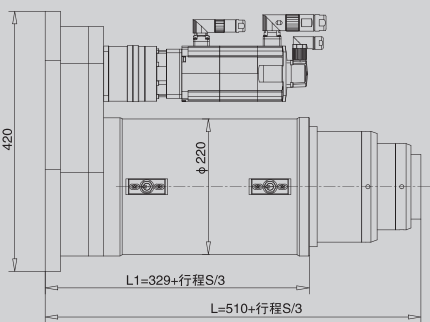
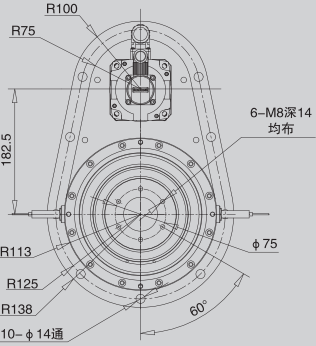
傳動方式 Transfer method	滾珠絲杆 ball screw
重複定位精度 (mm) Repeat positioning accuracy (mm)	± 0.2
螺桿導程pitch(mm) Screw lead pitch(mm)	10
額定速度 (mm/sec) Rated speed (mm/sec)	0~500mm/s
額定推力 (KN) Rated thrust (KN)	0~5KN
有效行程 (mm) Effective stroke (mm)	300~3000
感應器 Sensor	接近式開關*3 Proximity switch*3

LMC3D200



有效行程(mm) Stroke	標準行程 Standard stroke									
	300	600	900	1200	1500	1800	2100	2400	2600	3000
重量(KG) Weight	100	110	120	130	140	150	160	170	180	190
備注: 行程每增加300mm重量增加10.0KG weight increases10.0kg for every increase 300mm in stroke										

LMC3D220



有效行程(mm) Stroke	標準行程 Standard stroke									
	300	600	900	1200	1500	1800	2100	2400	2600	3000
重量(KG) Weight	130	145	160	175	190	205	220	235	250	265
備注: 行程每增加300mm重量增加15.0KG weight increases15.0kg for every increase 300mm in stroke										

多節式電缸

Multi-section Cylinder

型號表示

Model representation

LMC3D250-300-C-L10-P-A-Z-SM 1.5KW-B-JS5-T3

系列型號	行程	絲杆精度	導程	電機安裝方式	安裝方式	電機品牌	減速機	限位開關
Model	Stroke	Screw accuracy	Lead range	Motor installation method	Installation mode	Motor brand	reducer	limit switch
LMC3D250: 滾珠絲杆三節同動 LMC3D200: Ball screw three-section simultaneous motion		C7 無： 梯形絲杆 None: Trapezoidal lead screw	10	D-直連安裝 D-Direct installation P-轉折安裝 P-Turn installation	FA-前法蘭 FA-Front Flange FB-後法蘭 FB-Rear flange TC-耳軸 TC-Trunnion LA-側面 LA-Side CA-單尾紋 CA-single tail twist CB-雙尾紋 CB-double tail twist	Z-客戶自配電機 Z-Customer own motor 無-我司配電機 NO-Our company with motor	B-帶剎車 B-With brake 無-無剎車 NO-No brake	T1=1個 T1=1 pcs T2=2個 T2=2 pcs T3=3個 T2=2 pcs



傳動方式 Transfer method	滾珠絲杆 ball screw
重複定位精度 (mm) Repeat positioning accuracy (mm)	± 0.2
螺桿導程pitch(mm) Screw lead pitch(mm)	10
額定速度 (mm/sec) Rated speed (mm/sec)	0-500mm/s
額定推力 (KN) Rated thrust (KN)	0-10KN
有效行程 (mm) Effective stroke (mm)	300-3000
感應器 Sensor	接近式開關*3 Proximity switch*3

多節式電缸

Multi-section Cylinder

型號表示

Model representation

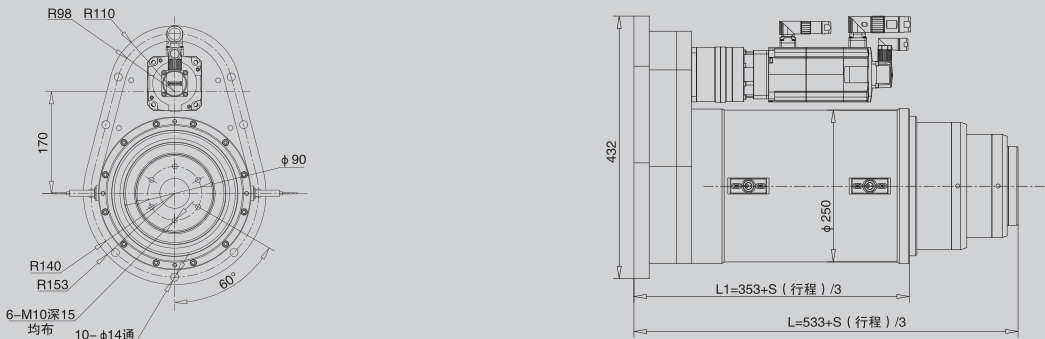
LMC3D270-300-C-L10-P-A-Z-SM 2KW-B-JS5-T3

系列型號	行程	絲杆精度	導程	電機安裝方式	安裝方式	電機品牌	減速機	限位開關
Model	Stroke	Screw accuracy	Lead range	Motor installation method	Installation mode	Motor brand	reducer	limit switch
MC3D270: 滾珠絲杆三節同動		C7	10	D-直連安裝 D-Direct installation	FA-前法蘭 FA-Front Flange	LZ-倫茨 LZ-Lenz	B-帶剎車 B-With brake	T1=1個 T1=1 pcs
MC3D200: Ball screw three-section simultaneous motion		無: 梯形絲杆 None: Trapezoidal lead screw		P-轉折安裝 P-Turn installation	FB-後法蘭 FB-Rear flange	PF-倍福 PF-Beckhoff	無-無剎車 NO-No brake	T2=2個 T2=2 pcs
					TC-耳軸 TC-Trunnion	SM-西門子 SM-Siemens		T3=3個 T2=2 pcs
					LA-側面 LA-Side	P-鬆下 P-Panasonic		
					CA-單尾紋 CA-single tail twist	M-三菱 M-Mitsubishi		
					CB-雙尾紋 CB-double tail twist	Y-安川 Y-Yaschuan		
						T-臺達 T-Delta		
						O-其他 O-Others		



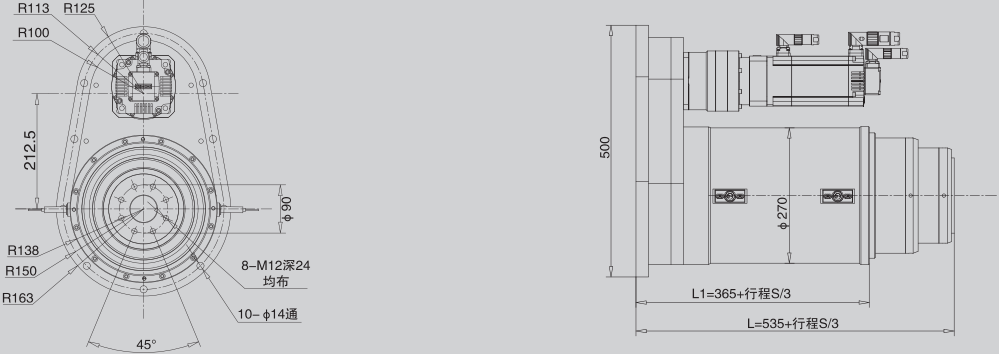
傳動方式 Transfer method	滾珠絲杆 ball screw
重複定位精度 (mm) Repeat positioning accuracy (mm)	± 0.2
螺桿導程pitch(mm) Screw lead pitch(mm)	10
額定速度 (mm/sec) Rated speed (mm/sec)	0-500mm/s
額定推力 (KN) Rated thrust (KN)	0-30KN
有效行程 (mm) Effective stroke (mm)	300-3000
感應器 Sensor	接近式開關*3 Proximity switch*3

LMC3D250



有效行程(mm) Stroke	標準行程 Standard stroke									
	300	600	900	1200	1500	1800	2100	2400	2600	3000
重量(KG) Weight	175	192	209	226	243	260	277	294	311	328
備注: 行程每增加300mm重量增加17.0KG weight increases 17.0kg for every increase 300mm in stroke										

LMC3D270



有效行程(mm) Stroke	標準行程 Standard stroke									
	300	600	900	1200	1500	1800	2100	2400	2600	3000
重量(KG) Weight	225	250	275	295	320	345	370	395	420	445
備注: 行程每增加300mm重量增加25.0KG weight increases 25.0kg for every increase 300mm in stroke										

多節式電缸

Multi-section Cylinder

型號表示

Model representation

LMC3D310-300-C-L16-P-A-Z-SM 3KW-B-JS5-T3

系列型號 Model	行程 Stroke	絲杆精度 Screw accuracy	導程 Lead range	電機安裝方式 Motor installation method	安裝方式 Installation mode	電機品牌 Motor brand	減速機 reducer	限位開關 limit switch
LMC3D310: 滾珠絲杆三節同動 LMC3D200: Ball screw three-section simultaneous motion		C7 無: 梯形絲杆 None: Trapezoidal lead screw	16	D-直連安裝 D-Direct installation P-轉折安裝 P-Turn installation	FA-前法蘭 FA-Front Flange FB-後法蘭 FB-Rear flange TC-耳軸 TC-Trunnion LA-側面 LA-Side CA-單尾紋 CA-single tail twist CB-雙尾紋 CB-double tail twist	Z-客戶自配電機 Z-Customer own motor 無-我司配電機 NO-Our company with motor	B-帶剎車 B-With brake 無-無剎車 NO-No brake	T1=1個 T1=1 pcs T2=2個 T2=2 pcs T3=3個 T3=3 pcs
						LZ-倫茨 LZ-Lenz PF-倍福 PF-Beckhoff SM-西門子 SM-Siemens P-松下 P-Panasonic M-三菱 M-Mitsubishi Y-安川 Y-Yaschuan T-臺達 T-Delta O-其他 O-Others		

單動式多節缸

Single-acting Multi-section Cylinder

型號表示

Model representation

LMT3S125-300-T-L10-P-A-Z-SM 400W-B-JS5-T3

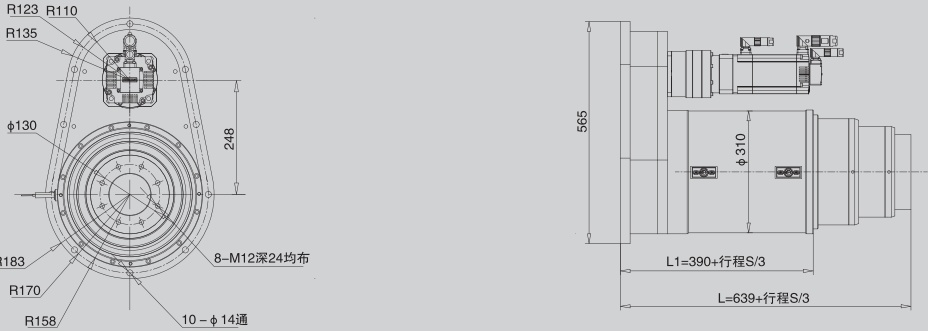
系列型號 Model	行程 Stroke	絲杆精度 Screw accuracy	導程 Lead range	電機安裝方式 Motor installation method	安裝方式 Installation mode	電機品牌 Motor brand	減速機 reducer	限位開關 limit switch
		梯形絲杆 Trapezoidal lead screw	10	D-直連安裝 D-Direct installation P-轉折安裝 P-Turn installation	FA-前法蘭 FA-Front Flange FB-後法蘭 FB-Rear flange TC-耳軸 TC-Trunnion LA-側面 LA-Side CA-單尾紋 CA-single tail twist CB-雙尾紋 CB-double tail twist	Z-客戶自配電機 Z-Customer own motor 無-我司配電機 NO-Our company with motor	B-帶剎車 B-With brake 無-無剎車 NO-No brake	T1=1個 T1=1 pcs T2=2個 T2=2 pcs T3=3個 T3=3 pcs
						LZ-倫茨 LZ-Lenz PF-倍福 PF-Beckhoff SM-西門子 SM-Siemens P-松下 P-Panasonic M-三菱 M-Mitsubishi Y-安川 Y-Yaschuan T-臺達 T-Delta O-其他 O-Others		



傳動方式 Transfer method	滾珠絲杆 ball screw
重複定位精度 (mm) Repeat positioning accuracy (mm)	± 0.2
螺桿導程pitch(mm) Screw lead pitch(mm)	16
額定速度 (mm/sec) Rated speed (mm/sec)	0-500mm/s
額定推力 (KN) Rated thrust (KN)	0-50KN
有效行程 (mm) Effective stroke (mm)	300-3000
感應器 Sensor	接近式開關*3 Proximity switch*3

單動式多節缸，型號規格與技術溝通定制

LMC3D310



有效行程(mm) Stroke	標準行程 Standard stroke									
	300	600	900	1200	1500	1800	2100	2400	2600	3000
重量(KG) Weight	295	325	355	385	415	445	475	505	535	565

備注: 行程每增加300mm重量增加30.0KG weight increases 30.0kg for every increase 300mm in stroke

壓機監控儀表系統

Precision pressing monitoring instrument system

精密智能伺服壓裝機簡稱伺服壓機，其工作原理是由伺服電機驅動高精度

滾珠絲杆進行精密壓力裝配作業。能够在壓力裝配作業中實現壓裝力與壓入深度的全過程閉環控

制，承、汽車、微電機、電子、電氣裝備、科學材料等領域。既是優良的生產裝備，也是科研實

驗的檢測裝備。通過軟件的完美控制，機械的精確動作，實現了對壓裝過程中的力、位移、速度

的精準控制，為最佳壓裝方案提供了保障，保證了壓裝質量的高度一致性。

Servo press is driven by a servo motor, as opposed to a standard flywheel, clutch and brake. This provides full energy at any speed, but not full capacity at any stage in the stroke (capacity is best at near bottom center). Technical principle: The servo press is driven by an ac servo motor. It can perform pressure assembly and pressure, displacement detection through high precision screw

Advantages of servo compressor: Safety, energy saving, environmental protection, long using life, high precision force/displacement control, high

efficiency Operation process: Fast forward → Feed slowly → Press → Keep pressure → Return

Applications: aerospace, automotive, micro-motor, electronics, electrical equipment, scientific-material etc.

产品特点

FEATURES

控制精度高

High Precision:

1、實現精確壓力和位移全閉環控制的高精度特性；

重復精度可達 正負0.005–0.02

壓力檢測精度 3/1000–1/100

1, Using high precision servo control system to pressure assembly and pressure, displacement detection

Repeat precision: ± 0.005 to 0.02

Pressure accuracy:

數據信息化管理

1、壓裝力與位移全過程曲綫圖可以顯示在液晶顯示觸摸屏上；全過程控制可以在作業進行中的任意階段自動判定產品是否合格，100%實時去除不良品，從而實現在綫質量管理；

2、壓裝力、壓入深度、壓力速度、保壓時間等全部可以在操作面板上進行數值輸入

3、可自行定制、存貯、調用壓裝程序100套；七種壓裝模式可供選擇，滿足您不同的工藝需求；

4、通過外部端口連接計算機，可以將壓裝數據存貯在計算機中，保證產品加工數據的可追溯性，便于生產質量控制管理；

5、曲綫數據導出保存，加工數據導出保存，質量檢測裏的5個點檢測跟1段區域檢測，工藝參數以設置上百種不同配方，就是說1臺機器可以壓裝100種不同工件，壓裝到設定力自動停止，開始保壓（可設置有無）。壓裝到設定位置自動停止，開始保壓（可設置有無），衝程，探測，返回三段位移速度任意可調。

2) The whole process curve of pressing force and displacement can be displayed on the LCD touch screen. The whole process control can automatically determine whether the product is qualified at any stage in the operation, 100% real-time removal of undesirable products, so as to achieve online quality management;

3) pressing force, pressing depth, pressure speed, voltage retention time and so on can be in the operating panel for numerical input

4) 100 sets program can customized, storage, seven types of pressing mode can be chosen to meet your different process needs;

5) Connect the computer through the external port, can store the press data in the computer, ensure the traceability of the product processing data, convenient for the production quality control management

6) Data export & save: Can be directly used USB disk through simple settings can be exported to the device's historical production data, after export can be directly on the computer with EXCEL editing, data saving

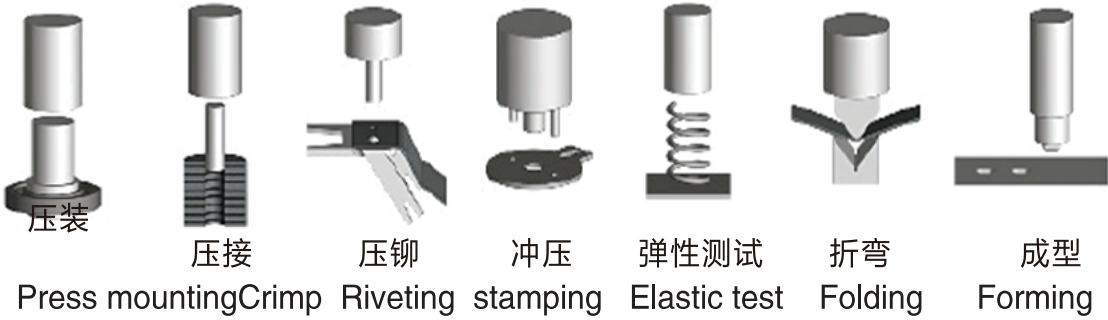
- 1、試驗檢測行業：產品測試、實驗、材料分析、需要精密壓裝位移和精密壓裝力場合等；
- 2、智能工裝：生產流水綫，FA自動化裝配，電氣裝備等；
- 3、汽車行業：發動機組件壓裝、變速拉杆測試裝配、轉向器組件、各類軸、銷、齒輪、油封、缸套等零部件的壓裝；
- 4、電子行業：PCB壓裝、電子零件、電子面板、接插件等壓裝；
- 5、家電行業：家電配件壓裝，塑料配件焊接壓裝；
- 6、電機行業：水泵、電動工具等微電機（軸承、磁鋼片），電機組件（主軸、殼體、定子、轉子）等壓裝。

Application:

- 1, test and testing industry: product testing, experiments, material analysis, the need for precision pressure displacement and precision pressing force occasions;
- 2, Intelligent Tooling: Production lines, FA automatic assembly, electrical equipment, etc.
- 3, Automotive industry: Engine assembly pressure, variable speed rod test assembly, steering gear components, all kinds of shafts, pins, gears, oil seals,cylinder liners and other parts of the press;
- 4, Electronic industry: PCB pressing, electronic parts, electronic panels,connectors and other presses;
- 5, Home Appliance Industry: Home Appliance Accessories pressing, plastic accessories welding press;
- 6, Motor industry: pumps, power tools and other micro-motor (bearings,magnetic steel sheet), motor components (spindle, shell, stator, rotor) and other presses Press mountingCrimp Riveting stampingElastic test Folding Forming.

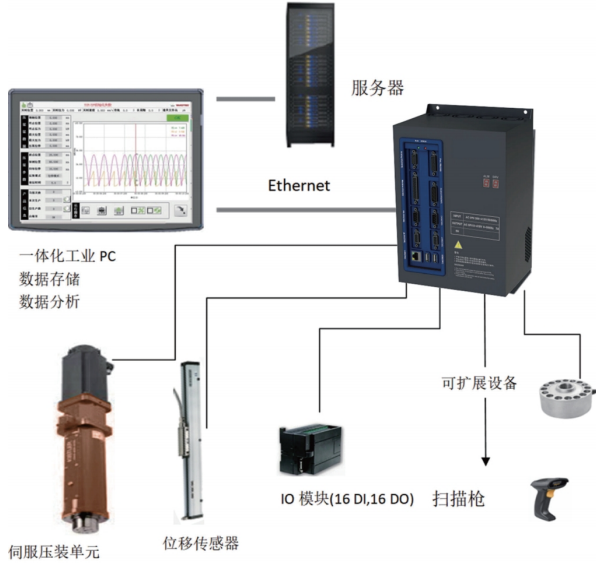
WSP10经济款(10寸屏) /行业应用

INDUSTRY APPLICATION



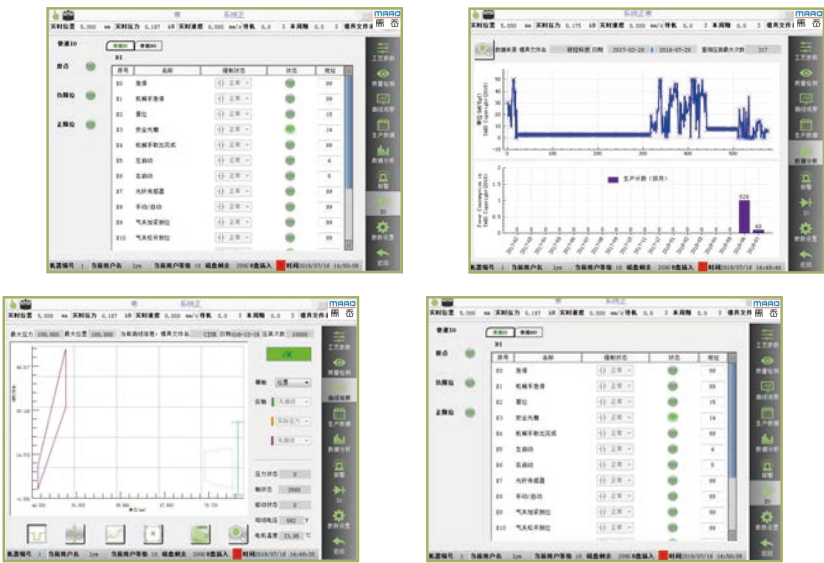
行业解决方案

INDUSTRY SOLUTIONS



数据监控分析

DATA MONITORING ANALYSIS



PRESS FORCE ANALYZER

压力机的过程监控・控制！

压力-位移波形显示，
过程的合格/不合格判断。
本产品备有伺服电机控制功能，简化设定。
采用触摸屏，从压装程序模板设定就可编辑顺序。

2种输入合格/不合格判断

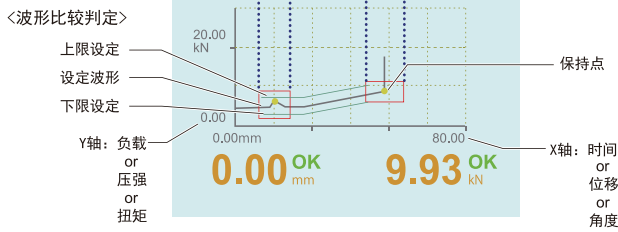
Y轴压强・负载・扭矩传感器、
X轴时间・位移・旋转角度
2种输入方式2维合格/不合格判断。

波形比较&保持功能

沿用了F381A、FS2000的判断原理！

■波形比较判定
随时比较设定波形和实际测定波形。
即使一处超过设定波形时也是NG。

■多点比较判定
压装开始到结束前的
1个过程可以通过
复数的点进行
OK/NG判定。
（最多5点）

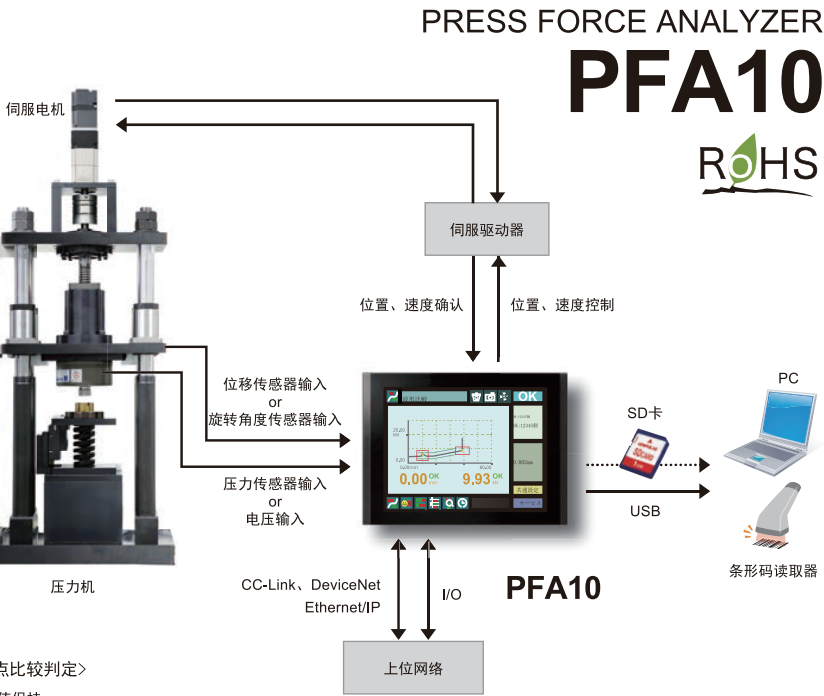


更易于与上位机的通讯

判断结果、波形可直接上传到上位机。
也可通过上位机远程管理设定值，切换设定值、监控等更方便。
此外，判定结果・波形・设定值都可保存到SD卡。

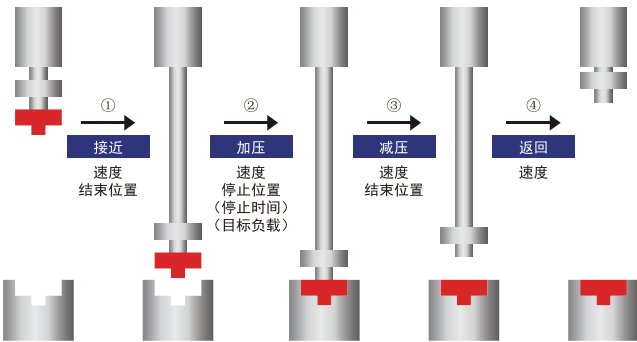
通过保持点推移图来进行预防保全

根据零点的偏差，保持值的变化等趋向管理，
可以尽早观测异常，预防故障的发生。
还有可比较设备安装时的数据记录和现在数据记录。

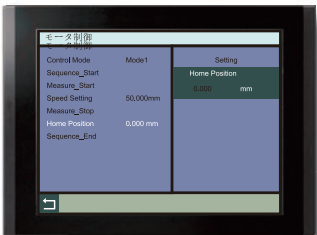


电机控制功能

电机控制采用通用的脉冲输入输出。
可对应多种类型的电机。



内置常用的压装程序模板。
只需设定速度、位置，
就可轻松编辑顺序。



技术参数

传感器 输入部分	应变片输入(6线式)	DC 2.5、5、10V±10%(可选) 输出电流: 30mA以内
	激励电压	~2.0 ~+2.0mV/V
精度	信号输入范围	非线性 0.02%/FS ±1digit 以内(2.0mV/V输入时)
	精度	非线性 0.02%/FS ±1digit 以内(10V输入时)
低通滤波器	零点漂移	0.1μV/°C RTI 以内
	增益漂移	15ppm/°C 以内
A/D转换器	速度	2 ~ 2kHz 中选择(-6dB/oct.)
	分辨率	5000次/秒
电压输入	信号输入范围	~10 ~+10V
	输入阻抗	约1MΩ以上
精度	非线性	0.02%/FS ±1digit 以内(10V输入时)
	零点漂移	0.2mV/°C RTI 以内
低通滤波器	增益漂移	0.01%/°C 以内
	速度	2 ~ 2kHz 中选择(-6dB/oct.)
A/D转换器	分辨率	5000次/秒
	分辨率	24bit(二进制)
位移传感器输入(脉冲式输入(线路驱动器))	最大输入频率	1MHz
	内部点数范围	30bit
适合编码器	输出	增量型2相输出(A/B信号输出)
	输出	单相输出也可以对应(使用A相输入时, 所有脉冲信号向正的方向计数)
模拟电压输出	输出水平	输入1mV/V约等于2V
	负载阻抗	2kΩ 以上
显示部分	显示器	10.4 inch TFT彩色LCD
	显示区域	211.2(W)×158.4(H)mm
通用语言	Dot 构成	480×640 dot
	日/英/中	
比较判定功能	多点比较模式256种(设定值可保存)	
	可以选择最多5种保持功能设定	
现场支持功能	统计	可统计最新10000个判定结果
	显示判定次数、OK统计、NOK统计、OK比率	
外部信号	外部输出信号	保持判定(负荷、位移)/过载/测量结束/波形比较判定/ (16点)
	外部输入信号	负荷/位移正常/ CPU正常运转/ SD存储卡正常/ 漏电平输出1.2 / (16点)
电机驱动	可搭配的伺服驱动器	脉冲输入方式的伺服驱动器
	顺序功能	可通过PFA10编辑压装顺序
外部仪器	位置控制	位置控制
	扭矩控制	扭矩控制
接口	PFA10⇔连接伺服驱动器	位置控制用的脉冲(集电极开路) (RS-422标准)
	最多 500kPulse/sec	
接口	条形码读取器连接(USB):品种读取	
	SD卡:设定值・波形数据保存(CSV)	
接口	USB: USB接口	
	ODN: DeviceNet接口 (选件)	
接口	CCL: CC-Link接口 (选件)	
	EIP: EtherNet/IP接口 (选件)	
接口	只能安装1个选件	

※请注意: 本说明书里的规格和设计因产品改良有可能会发生一些变化(无事先通知)。

一般性能	电源电压	DC24V(±15%)
	消耗电量	20W typ.
附属品	使用环境	温度.....使用温度范围: -10 ~+40°C
	湿度	保存温度范围: -20 ~+60°C
其他部件	湿度	湿度.....85%RH以下(无凝露)
	外形尺寸	299(W)×218(H)×88(D)mm(不含凸起部分)
重量	重量	约2.5kg
	I/O接头(带盖)	1 DeviceNet用接头
模拟接头	模拟接头	1 (DeviceNet选件安装时).....1
	接点开关工具	1 CC-Link用接头
SD卡	SD卡	1 (CC-Link选件安装时).....1
	使用说明书	1
SD16G:	SD16G:	16Byte的卡
	SD32G:	32Byte的卡
CA10-USB:	CA10-USB:	USB线缆(A-micro B type) 1.2m

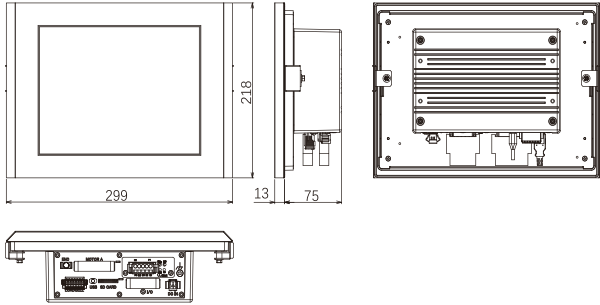
型号构成

PFA10		□	□
① 基本型号		①	② ③
② 外部信号		符号	输出类型
		PNP PNP	输出(Source type)
		NPN NPN	输出(Sink type)
③ 接口		符号	接口
		标准	USB
		↓除了标准功能之外, 还可以追加一项功能。	
		ODN	DeviceNet
		CCL	CC-Link
		EIP	EtherNet/IP

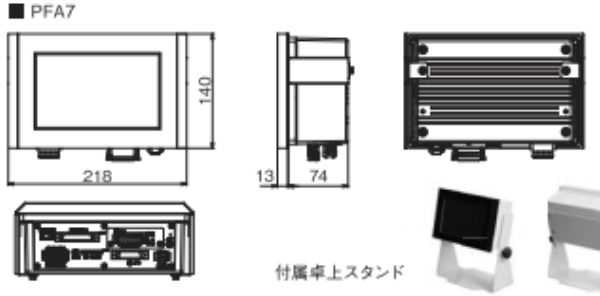
外形尺寸

单位: mm

PFA10



PFA07



概述

PRF伺服压装测试系统简称伺服压力或伺服压桩机，电子智能压装系统；

工作原理：由伺服电机驱动高精度滚珠丝杆，通过精密力传感器、编码器、高性能伺服运动控制器等。在压装过程中对压装位置、压力与速度全程闭环控制、实时精确监控压装压力、位置、速度等参数、从而实现实时在线产品品控管理。具有高效性、高精度、高柔性、低噪音，环保节能等优点。



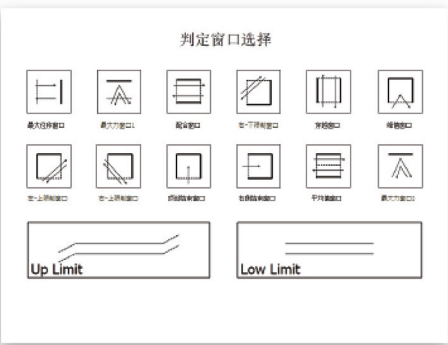
丰富的端口类型。实现压装控制

- 1.多编码器接口实现伺服位置反馈和外部位移测量传感器的闭环检测
- 2.高精度模拟量接口，实现快速、精确的压力信号采集
- 3.安全输入端子，配合安全光幕、急停开关等的联接，实现安全等级的防护；
- 4.丰富的I/O端口，实现与其它设备的信号交互（机械手、机器人、PLC等）

检测管理功能

- 压装流程编排；
- 压装工艺监测；
- 数据库管理；
- 网络数据交换；
- 打印机、扫描仪外设部件数据交换

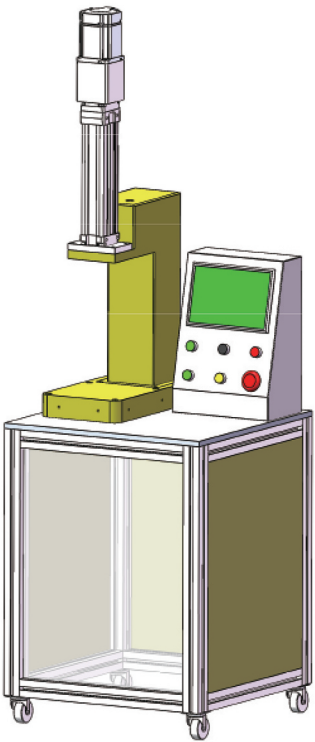
绑定窗口



压装系统选型配置征询

我们将帮你推荐适合的配置

- 01 您需要的最大压力？（ ）KN；
- 02 您需要的最大行程？（ ）mm；
- 03 您需要的最大速度？（ ）mm；
- 04 一个工艺周期？（ ）秒；
最大出力时间？（ ）秒；
是否有拉力应用？是（ ）；否（ ）；



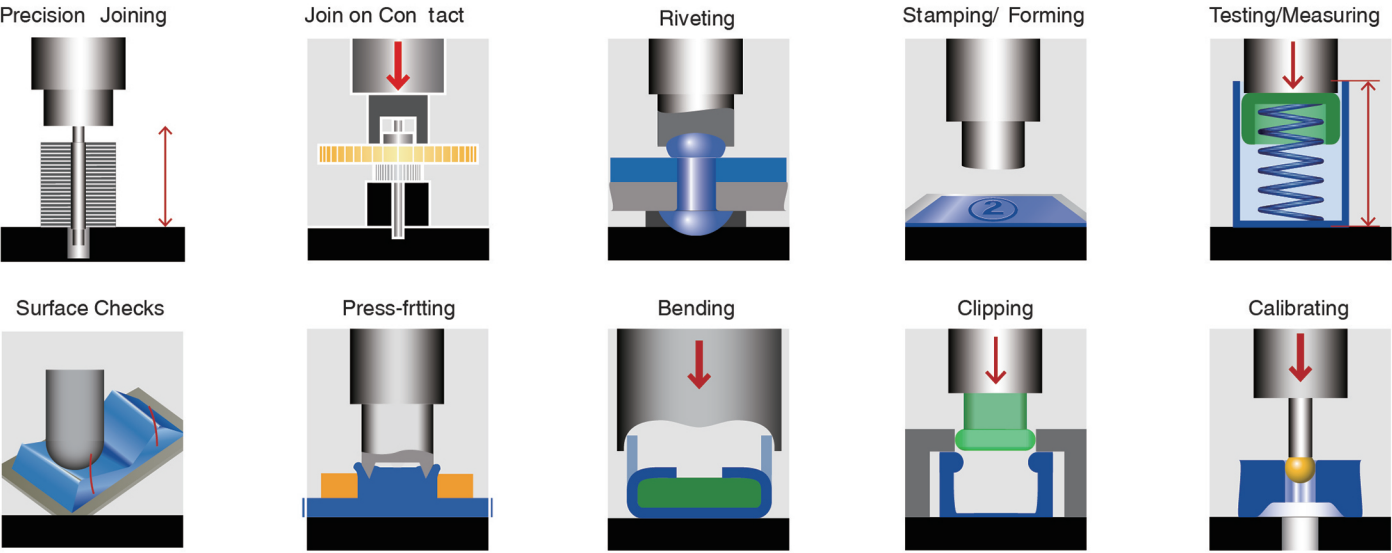
05 设备应用形式

- 多机自动装配线: ☐
- 单机半自动装配线: ☐
- 单机工作站: ☐

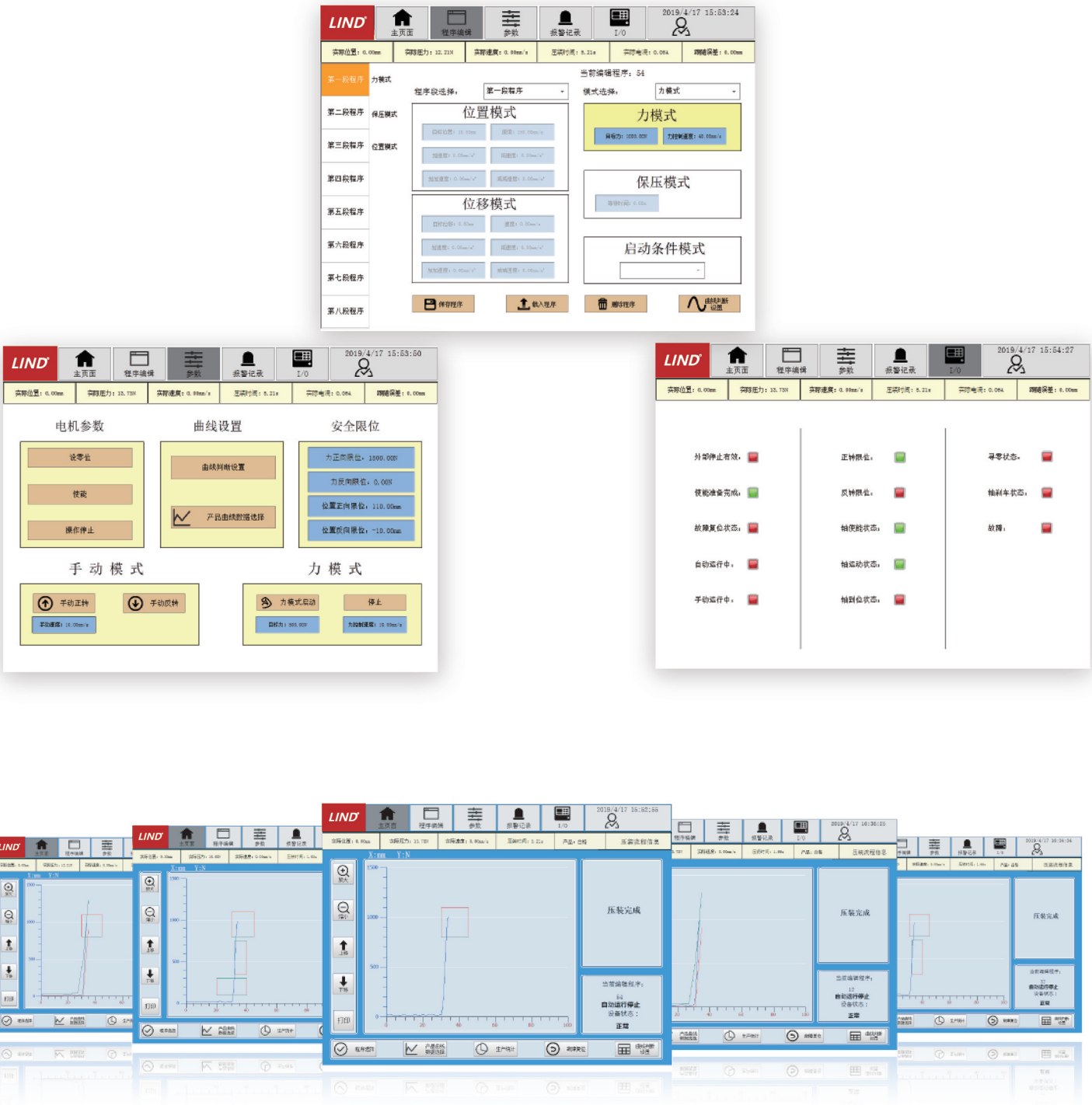
07 与PLC信号交互形式

- I/O接口方式: DI ____个; DO ____个; ☐
- 西门子PLC PROFINET总线: ☐
- BECKHOFF EtherCAT总线: ☐
- ABB POWERLINK总线: ☐
- EtherNETTCP/IP: ☐

09 备注



检测管理软件和压装控制软件



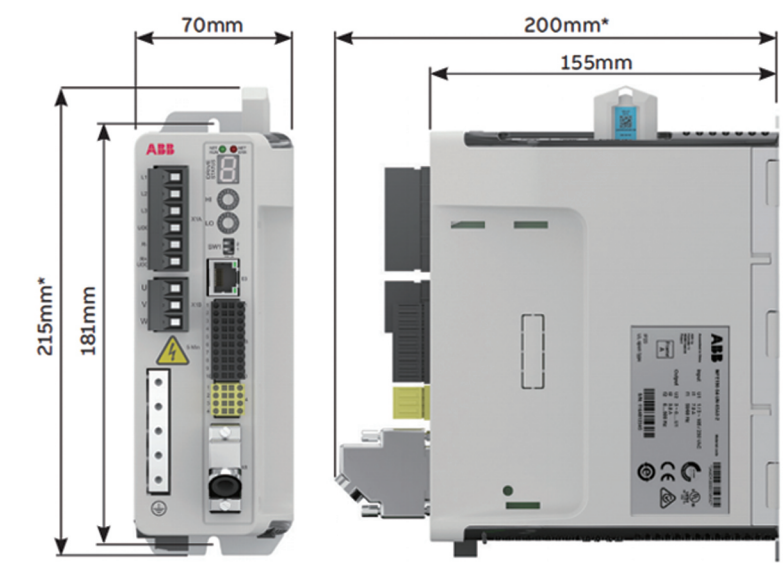
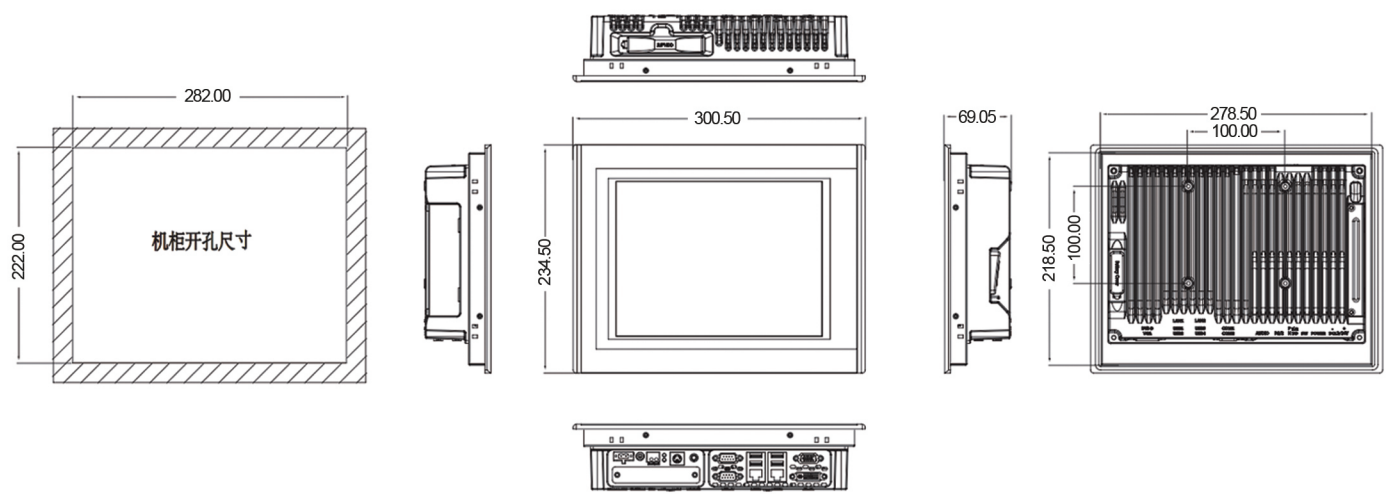
上位控制物聯網部分



運動執行部分



外形尺寸 单位:mm



*大概尺寸。允许有额外空间用于反馈和其他控制电缆