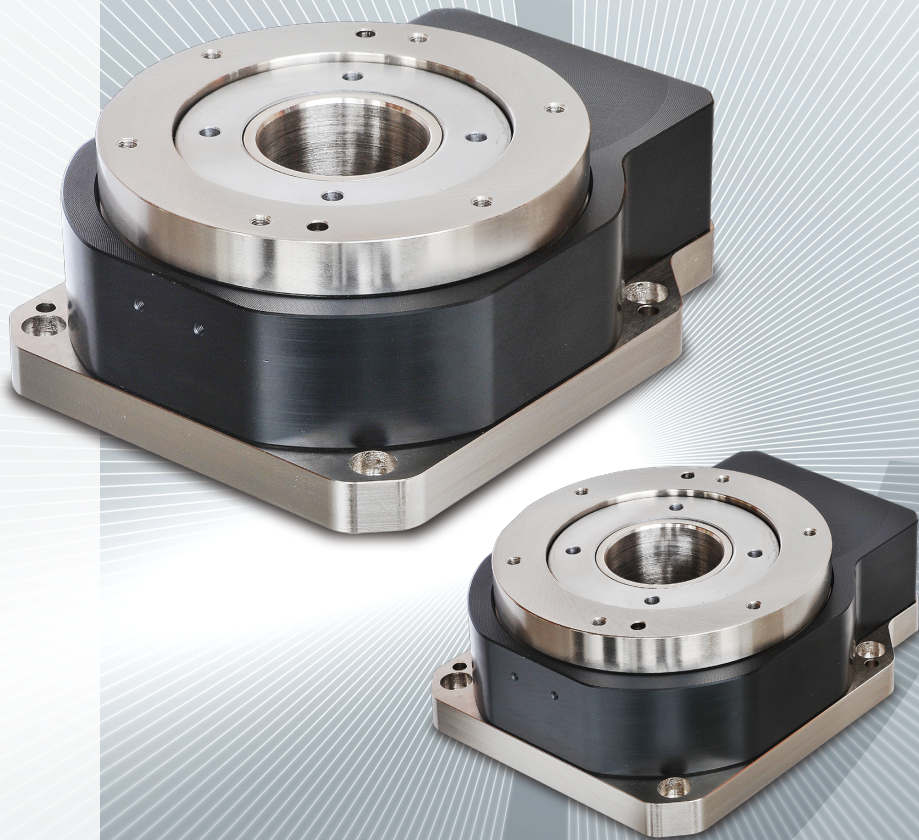


HOLLOW ROTATING TABLE

中空旋轉平台

具有優異定位精度與重複精度的中空旋轉平台，可搭配使用伺服馬達或步進馬達，展現獨特的性能可靠度。

With outstanding positioning accuracy and repeatability, the Hollow Rotating Table is available to use servo motor or stepping motor drive and exhibits exceptional dependability of performance.



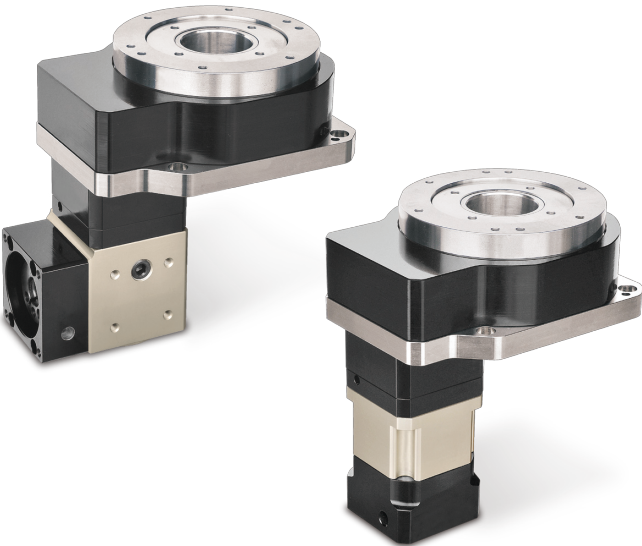
型號識別：Model Identification

HT **60** **R** - **10** - **ST**
1 2 3 4 5

1. 類別	Type	中空軸旋轉平台 Hollow Rotating Table				
2. 規格	Specifications	60 : 60 type	100 : 100 type	130 : 130 type	200 : 200 type	275 : 275 type
3. 馬達連接形式	Motor connection type	無：本體 (No: body)		R：直角減速機(選配) (Opt. R：Right angle reducer)		
4. 減速比	Speed reduction ratio	直結式(Direct drive)：1:5		直角減速機(Right angle reducer)：1:15, 1:20, 1:30		
5. 馬達類型	Motor type	ST：步進馬達 ST：Stepping motor		SV：交流伺服馬達 SV：AC servo motor		SVT：伺服步進馬達 SVT：Servo stepping motor

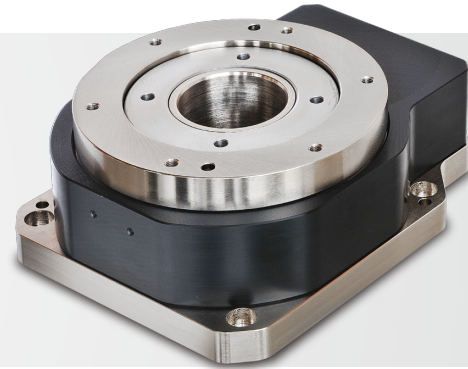
特性 Features：

- **工作物可直接鎖固**
旋轉盤面可直接鎖固工作物，提升工件裝載之方便性。
- **配線方便**
此旋轉平台為中空式設計，無論是配線或配管均方便。
- **高精度**
定位精度小於一分。
重複精度可達±5秒。
- **運轉動作平穩**
盤面轉動平穩、順暢，且定位快速。
- **適用各種馬達**
中空旋轉平台可採用各種廠牌之伺服馬達或步進馬達驅動。
- **Direct Mounting of Workpiece**
The rotating table allows for direct mounting of workpiece for added convenience in workpiece loading.
- **Convenient Wiring**
The rotating table is a hollow structure design, making it convenient for electric wiring or piping work.
- **High Accuracy**
Positioning accuracy is less than 1 min.
Repeatability may reach ±5 sec.
- **Stable Rotating Motion**
The table rotation is stable and smooth as well as fast in positioning.
- **Suitable for Various Motors**
The rotating table can be driven by various brands of servo motors or stepping motors.

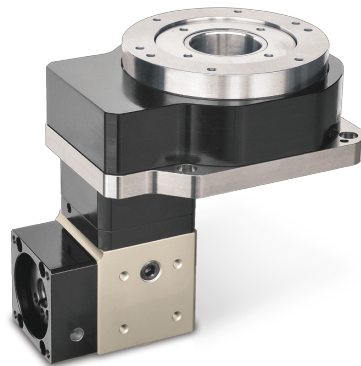
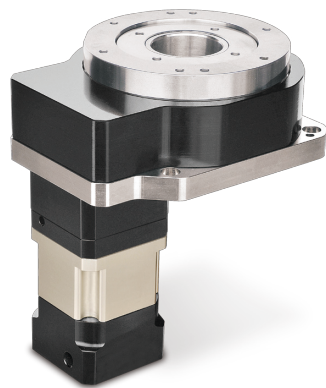


中空軸旋轉平台

Hollow Rotating Table



應用範例 Application Examples :



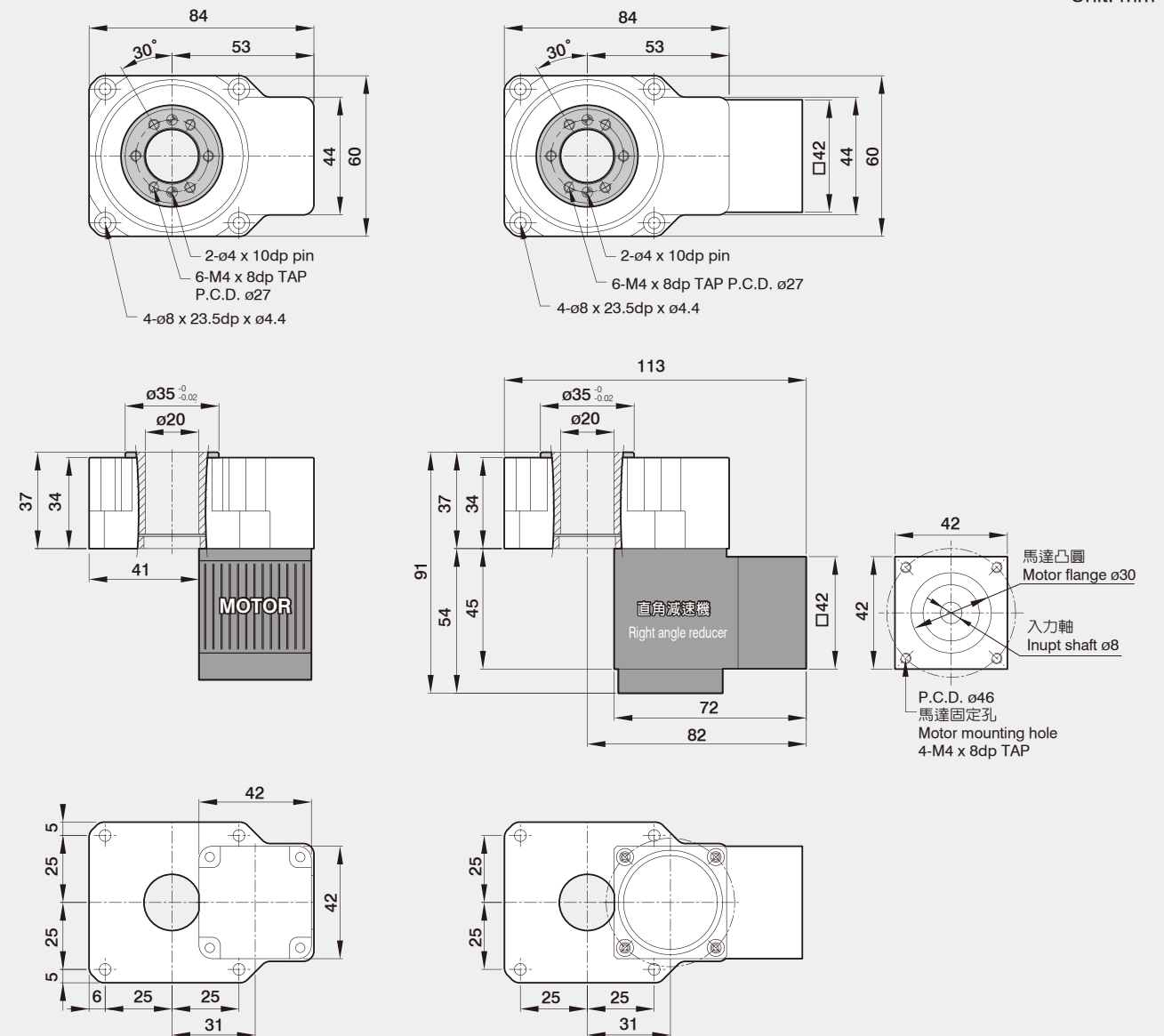
規格表 Specifications :

Model		42型步進馬達 42 Type Stepping Motor	100W AC伺服馬達 100W AC Servo Motor
旋轉平台軸承	Bearings of rotating table	深溝滾珠軸承 + 止推滾珠軸承 Deep groove ball bearing + Thrust ball bearing	
容許轉矩	Permissible torque	3.5 N.m	
慣性慣量	Moment of inertia	2330 x 10 ⁻⁷ kg.m ²	
允許轉速	Permissible speed	300 rpm (盤面 Disk)	200 rpm (盤面 Disk)
解析度 P/R	Resolution P/R	半步進設定 ~ 微步進設定 Semi-step setting ~ Micro-step setting 5,000 ~ 600,000	依伺服馬達規格 Dep. on servo motor specif.
減速比	Speed reduction ratio	直結式減速機 1:5, 1:20 直角減速機 1:10 Direct-drive reducer 1:5, 1:20 Right angle reducer 1:10	直角減速機 1:10 Right angle reducer 1:10
定位精度	Positioning accuracy	≦ 1 mins	
反覆定位精度	Repeatability	± 10 sec	
容許推力載重	Permissible thrust force	20 kgf	
容許慣性載重	Permissible load of inertia	5 N.m	10 N.m
旋轉平台平行度	Parallelism of rotating table	± 5 μm	
旋轉平台同心度	Concentricity of rotating table	≒ 0.01 mm	
保護等級	Protection class	40 IP	
重量	Weight	2.2 kg	

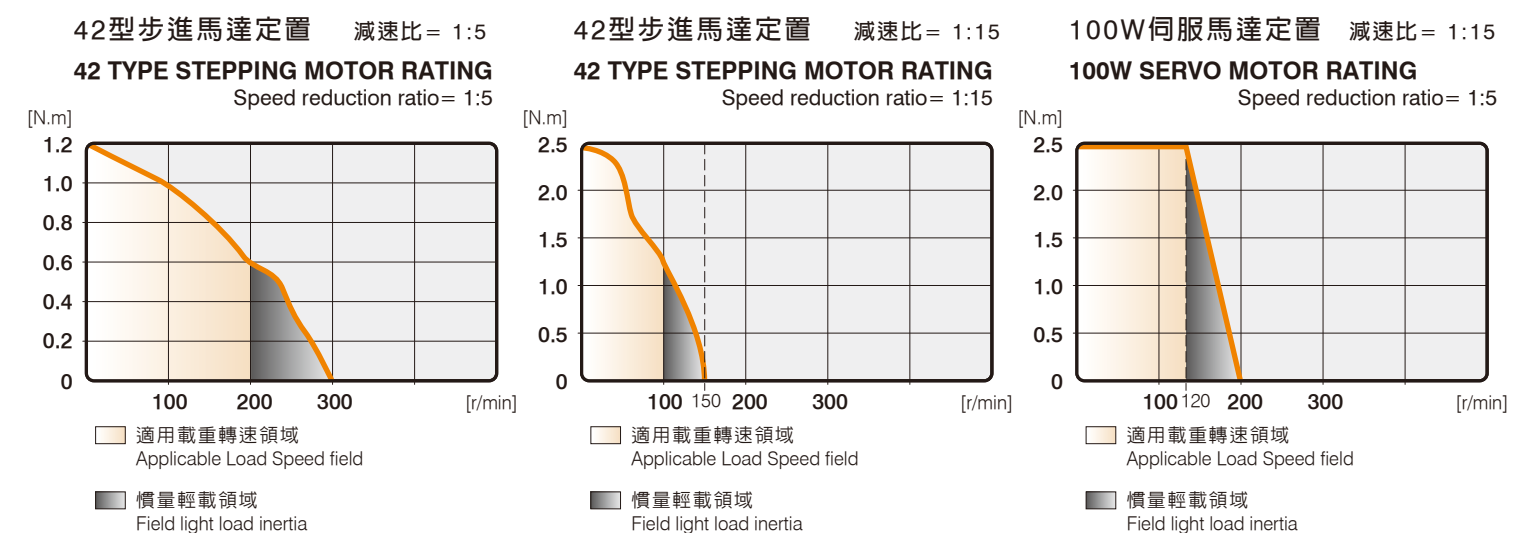
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外形尺寸圖 Dimensions :

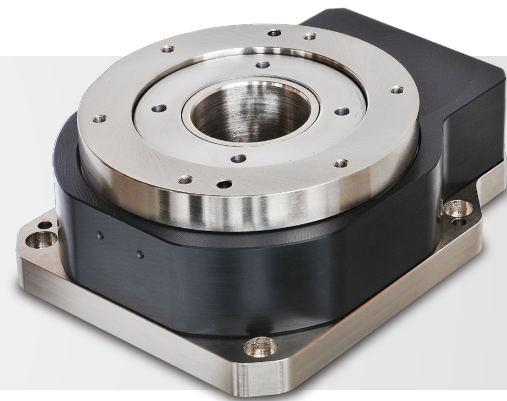
Unit: mm



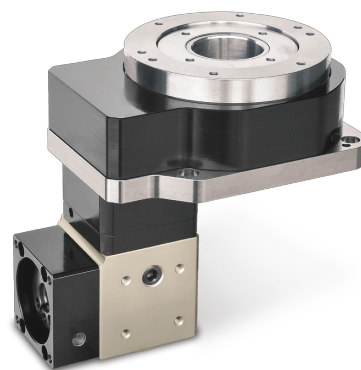
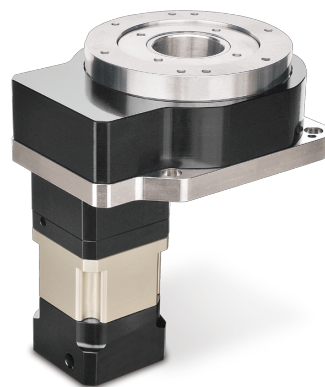
※訂購時請提供馬達法蘭尺寸 • Please provide motor flange size when ordering.



Hollow Rotating Table



應用範例 Application Examples :

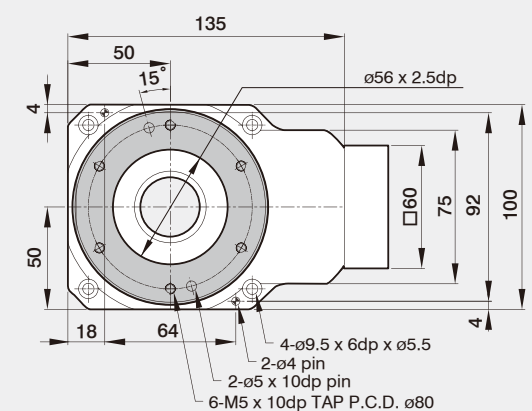
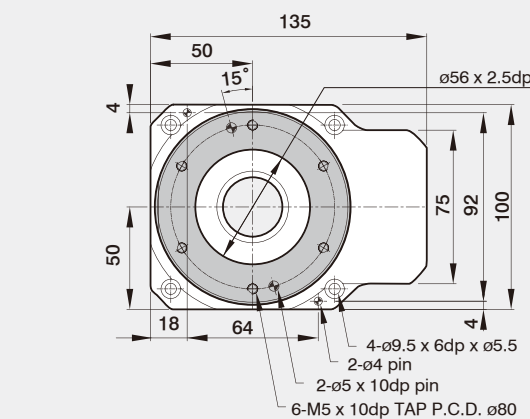


規格表 Specifications :

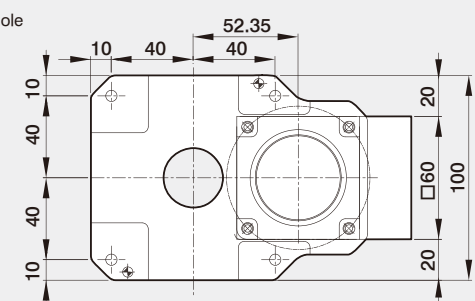
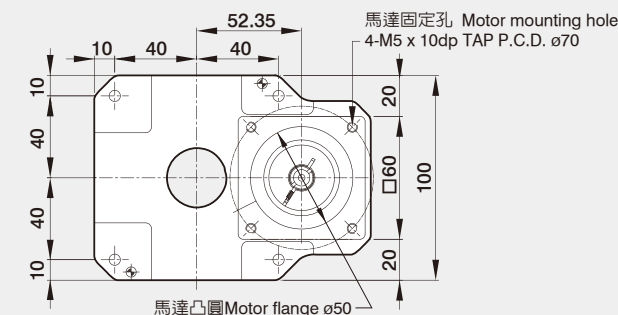
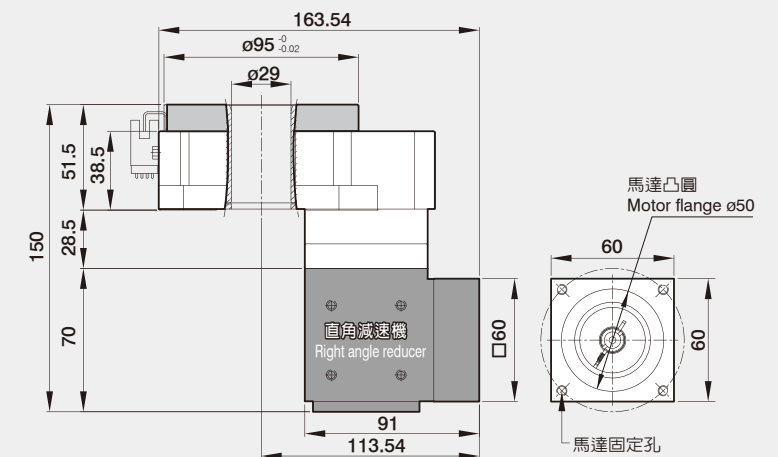
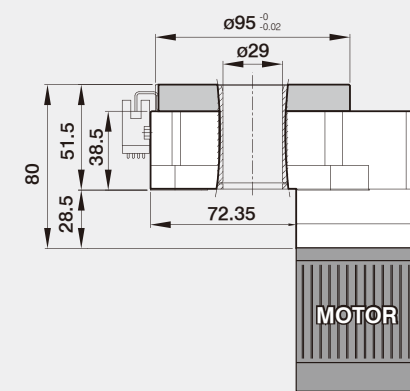
Model		60型步進馬達 60 Type Stepping Motor	200~400W AC伺服馬達 200~400W AC Servo Motor
旋轉平台軸承	Bearings of rotating table	圓錐滾子軸承 Taper roller bearing	
容許轉矩	Permissible torque	20 N.m	
慣性慣量	Moment of inertia	3898 x 10 ⁻⁶ kg.m ²	
允許轉速	Permissible speed	200 rpm (盤面 Disk)	
解析度 P/R	Resolution P/R	半步進設定~微步進設定 Semi-step setting~Micro-step setting 8,000 ~ 1500,000	依伺服馬達規格 Dep. on servo motor specif.
減速比	Speed reduction ratio	直結式減速機 1 : 8 Direct-drive reducer 1:8	直角減速機 1 : 16 Right angle reducer 1:16
定位精度	Positioning accuracy	≦ 1 mins	
反覆定位精度	Repeatability	± 5 sec	
容許推力載重	Permissible thrust force	200 kgf	
容許慣性載重	Permissible load of inertia	60 N.m	
旋轉平台平行度	Parallelism of rotating table	± 2 μm	
旋轉平台同心度	Concentricity of rotating table	≒0.01 mm	
保護等級	Protection class	40 IP	
重量	Weight	3 kg	

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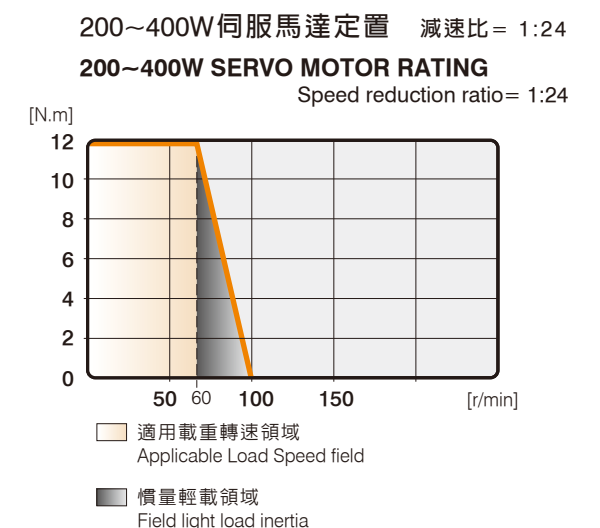
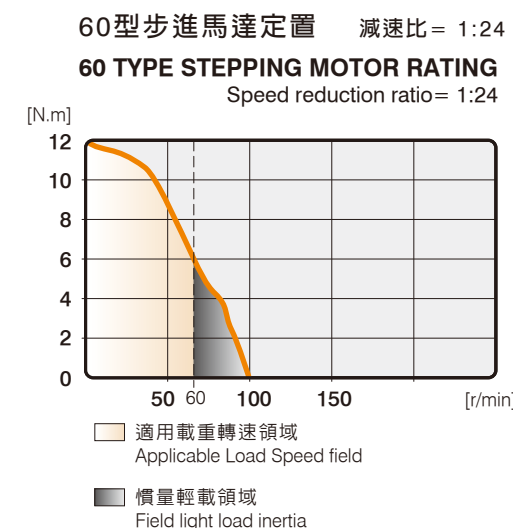
外形尺寸圖 Dimensions :



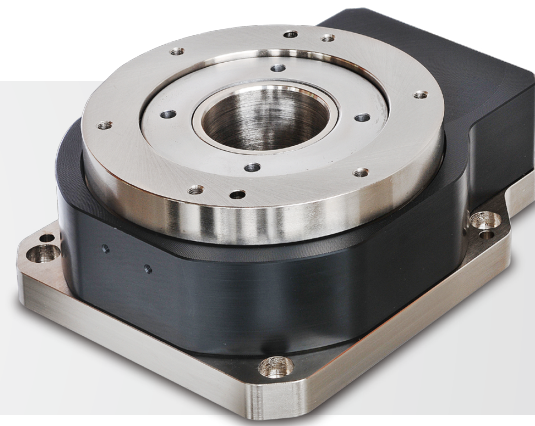
Unit: mm



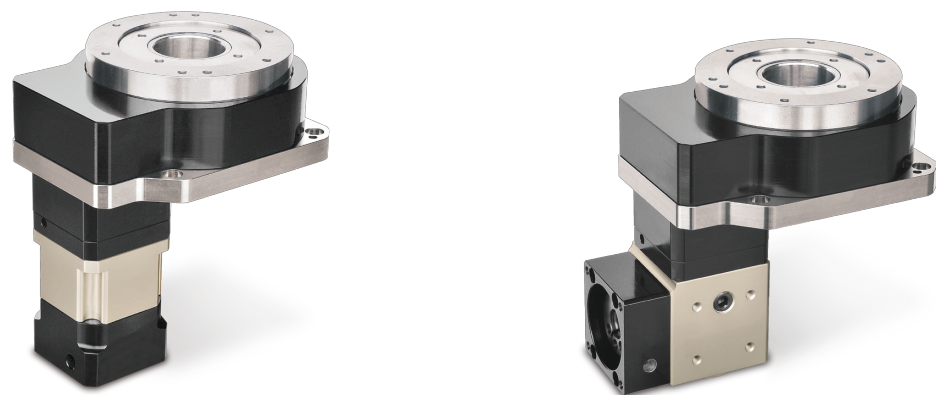
※訂購時請提供馬達法蘭尺寸 • Please provide motor flange size when ordering.



Hollow Rotating Table



應用範例 Application Examples :

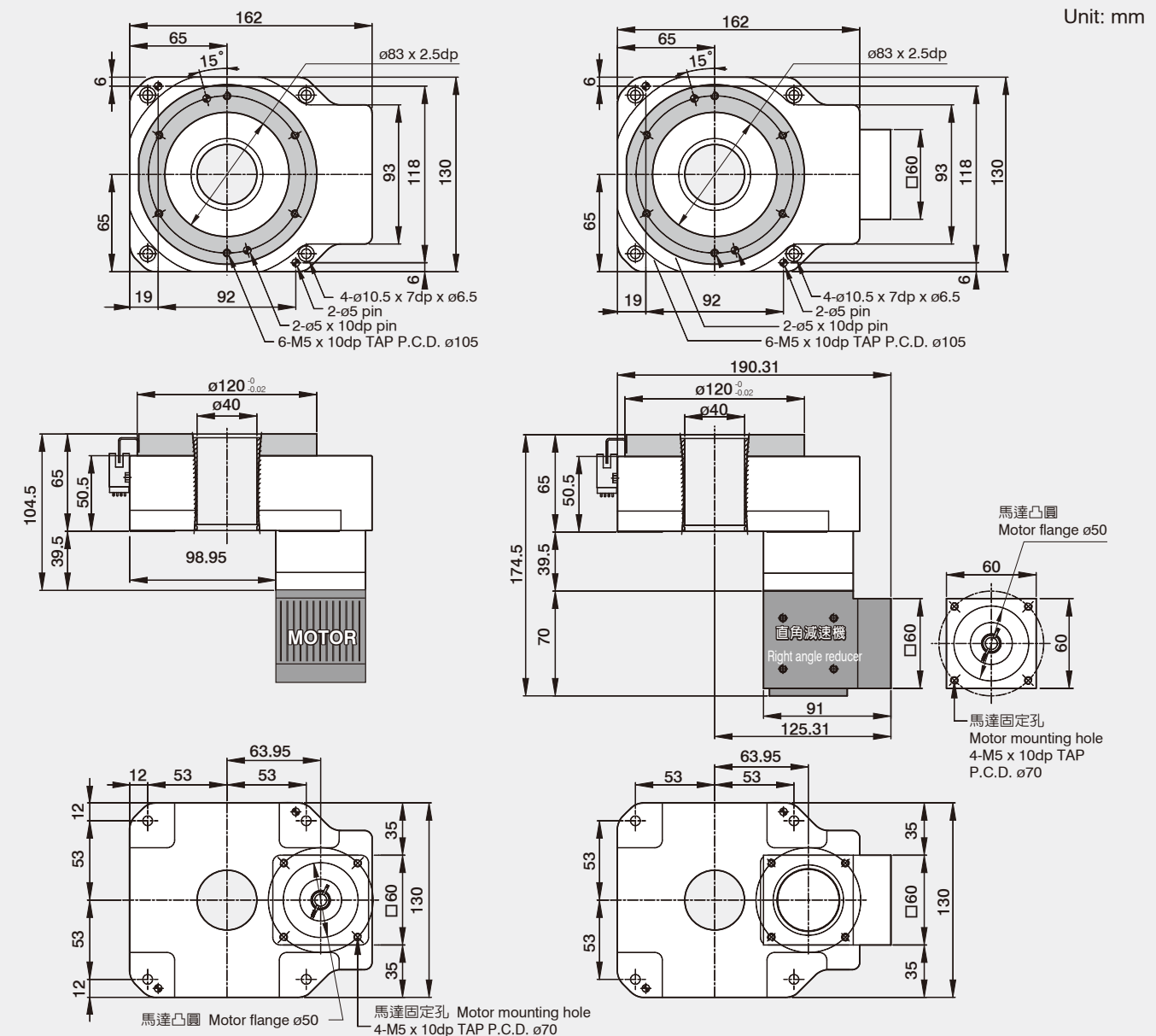


規格表 Specifications :

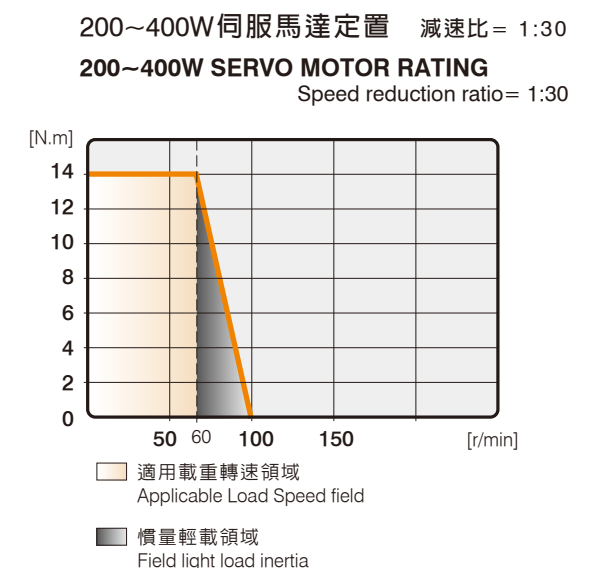
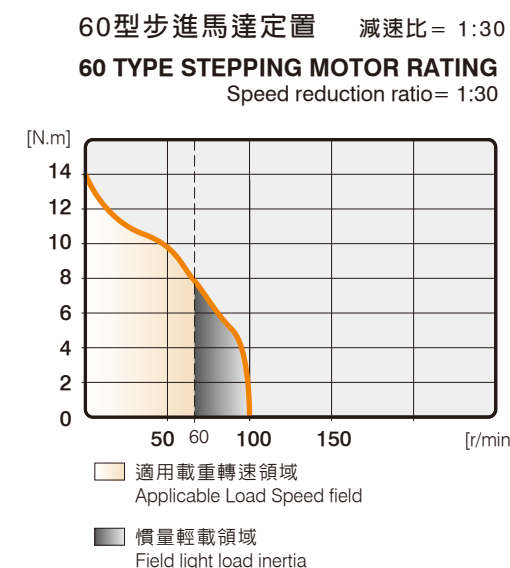
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外形尺寸圖 Dimensions :



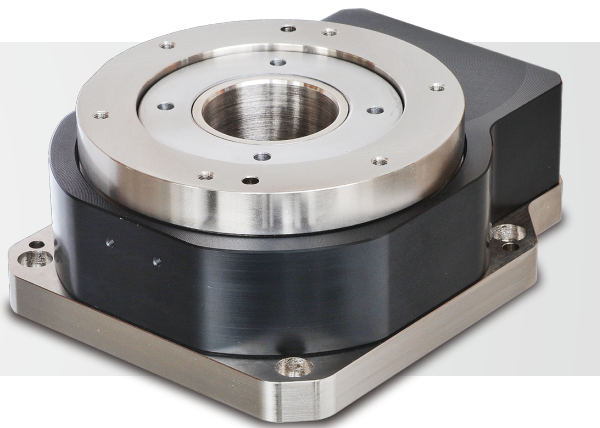
※訂購時請提供馬達法蘭尺寸 • Please provide motor flange size when ordering.



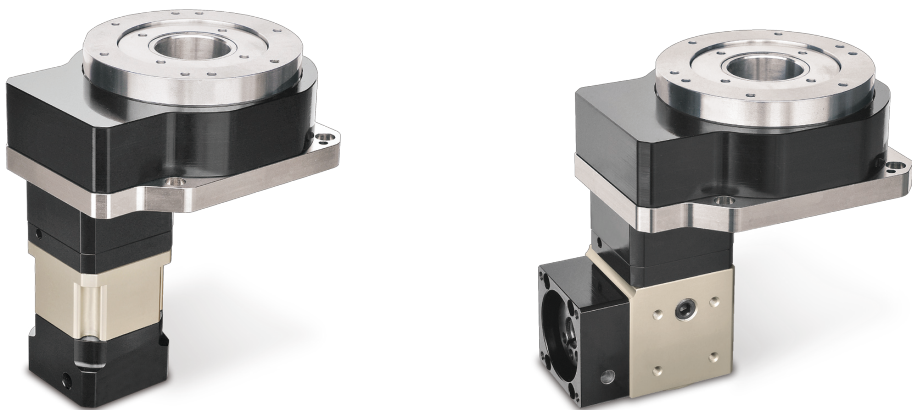
HT-200



中空軸旋轉平台
Hollow Rotating Table



應用範例 Application Examples :

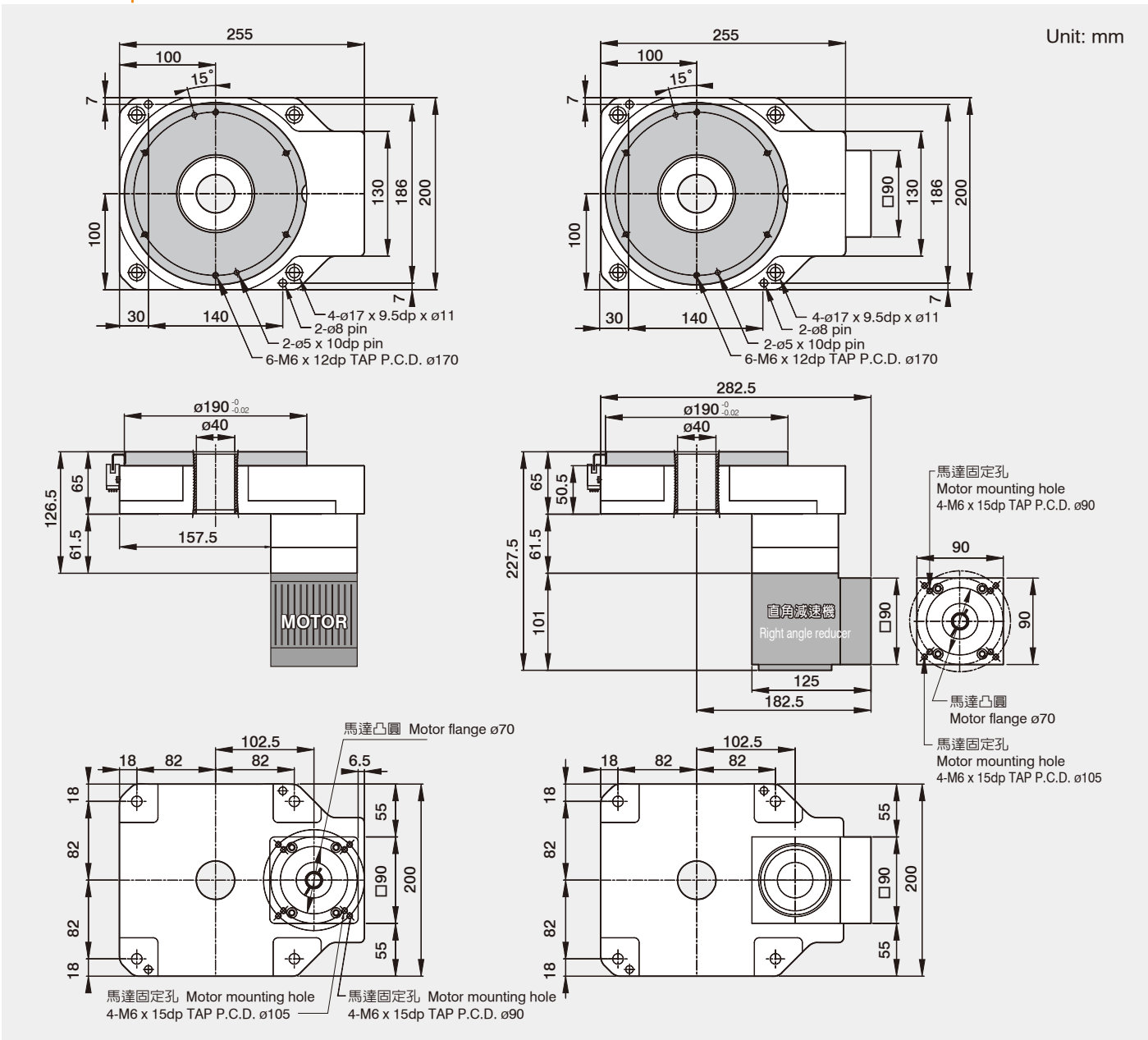


規格表 Specifications :

Model		85型步進馬達 85 Type Stepping Motor	750W AC伺服馬達 750W AC Servo Motor
旋轉平台軸承	Bearings of rotating table	圓錐滾子軸承 Taper roller bearing	
容許轉矩	Permissible torque	65 N.m	
慣性慣量	Moment of inertia	85792 x 10 ⁻⁶ kg.m ²	
允許轉速	Permissible speed	200 rpm (盤面 Disk)	
解析度 P/R	Resolution P/R	半步進設定~微步進設定 Semi-step setting~Micro-step setting 10,000 ~ 1800,000	依伺服馬達規格 Dep. on servo motor specif.
減速比	Speed reduction ratio	直結式減速機 1 : 10 Direct-drive reducer 1:10	直角減速機 1 : 20 , 1 : 30 Right angle reducer 1:20, 1:30
定位精度	Positioning accuracy	≤ 1 mins	
反覆定位精度	Repeatability	± 5 sec	
容許推力載重	Permissible thrust force	500 kgf	
容許慣性載重	Permissible load of inertia	200 N.m	
旋轉平台平行度	Parallelism of rotating table	± 2 μm	
旋轉平台同心度	Concentricity of rotating table	≒ 0.01 mm	
保護等級	Protection class	40 IP	
重量	Weight	14 kg	

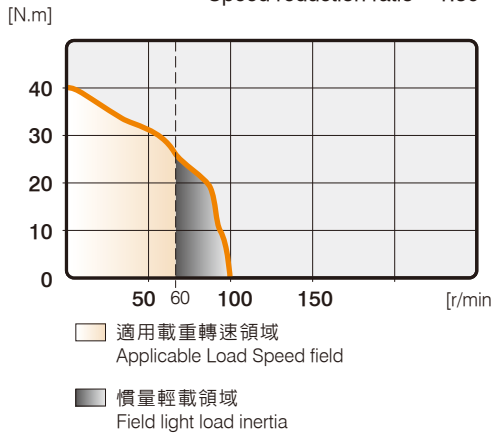
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外形尺寸圖 Dimensions :

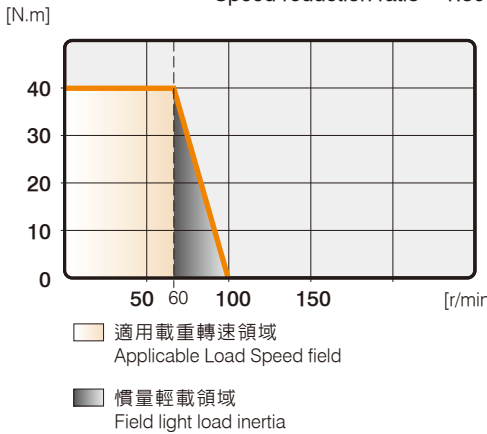


※訂購時請提供馬達法蘭尺寸 • Please provide motor flange size when ordering.

85型步進馬達定置 減速比 = 1:30
85 TYPE STEPPING MOTOR RATING
Speed reduction ratio = 1:30



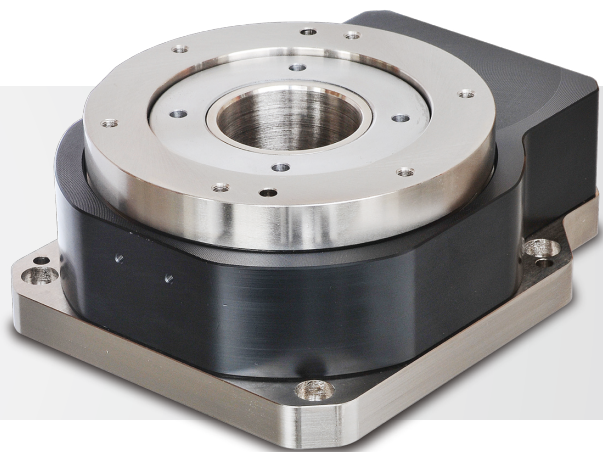
750W伺服馬達定置 減速比 = 1:30
750W SERVO MOTOR RATING
Speed reduction ratio = 1:30



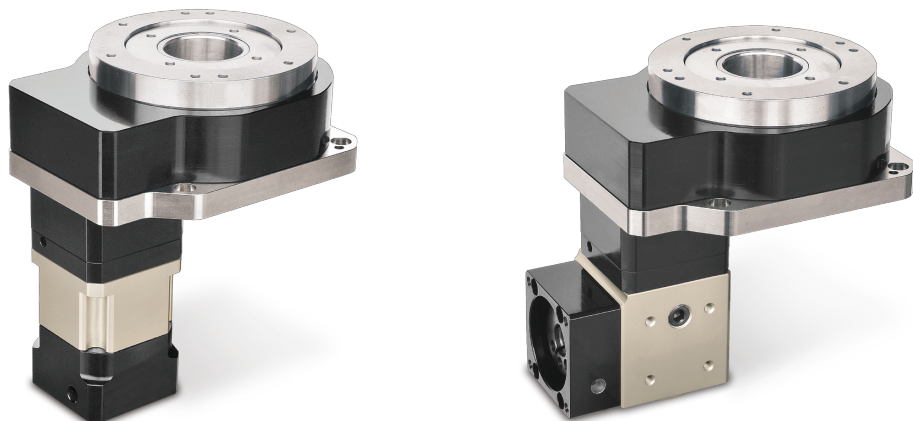
HT-275



中空軸旋轉平台
Hollow Rotating Table



應用範例 Application Examples :

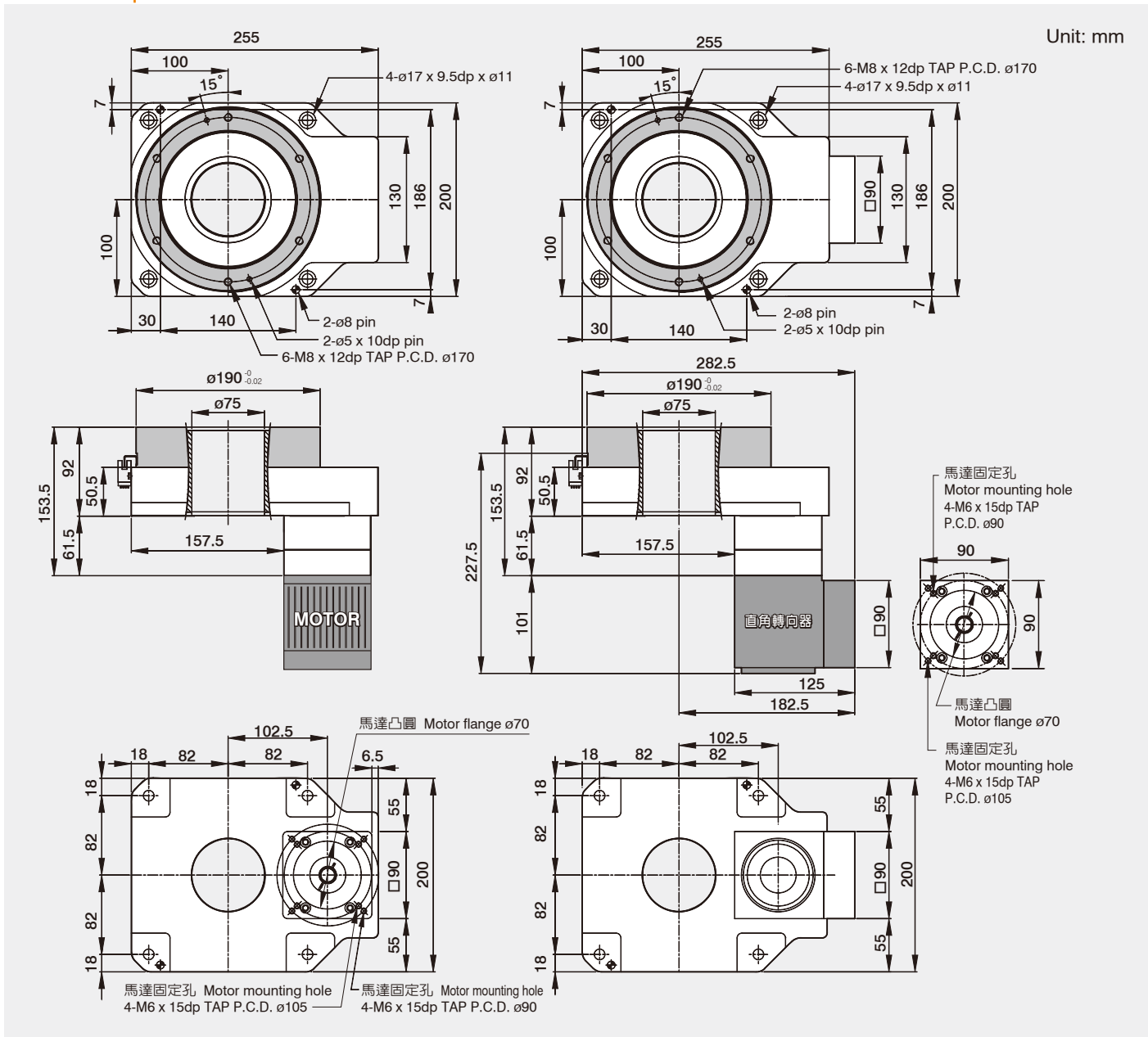


規格表 Specifications :

Model		85型步進馬達 85 Type Stepping Motor	750W AC伺服馬達 750W AC Servo Motor
旋轉平台軸承	Bearings of rotating table	圓錐滾子軸承 Taper roller bearing	
容許轉矩	Permissible torque	65 N.m	
慣性慣量	Moment of inertia	111279 x 10 ⁻⁶ kg.m ²	
允許轉速	Permissible speed	200 rpm (盤面 Disk)	
解析度 P/R	Resolution P/R	半步進設定~微步進設定 Semi-step setting~Micro-step setting 10,000 ~ 1800,000	依伺服馬達規格 Dep. on servo motor specif.
減速比	Speed reduction ratio	直結式減速機 1 : 10 Direct-drive reducer 1:10	直角減速機 1 : 20 , 1 : 30 Right angle reducer 1:20, 1:30
定位精度	Positioning accuracy	≤ 1 mins	
反覆定位精度	Repeatability	± 5 sec	
容許推力載重	Permissible thrust force	800 kgf	
容許慣性載重	Permissible load of inertia	200 N.m	
旋轉平台平行度	Parallelism of rotating table	± 2 μm	
旋轉平台同心度	Concentricity of rotating table	≒ 0.01 mm	
保護等級	Protection class	40 IP	
重量	Weight	19 kg	

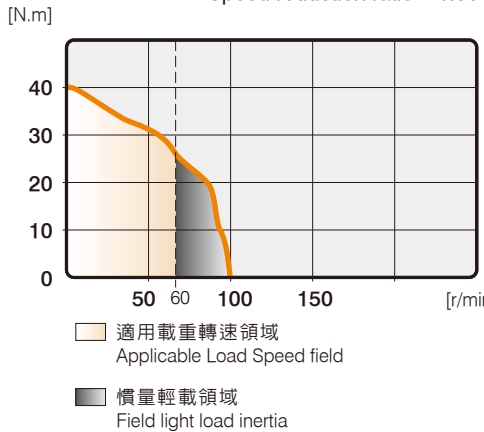
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外形尺寸圖 Dimensions :

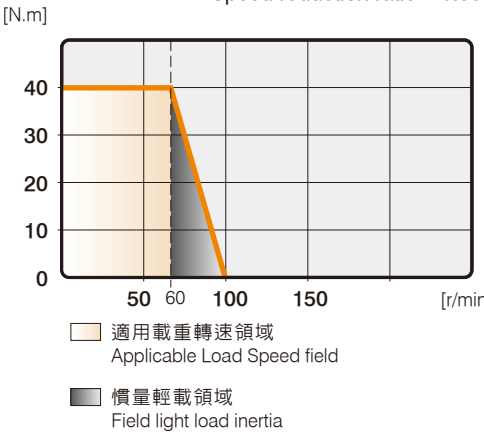


※訂購時請提供馬達法蘭尺寸 • Please provide motor flange size when ordering.

85型步進馬達定置 減速比 = 1:30
85 TYPE STEPPING MOTOR RATING
Speed reduction ratio = 1:30



750W伺服馬達定置 減速比 = 1:30
750W SERVO MOTOR RATING
Speed reduction ratio = 1:30

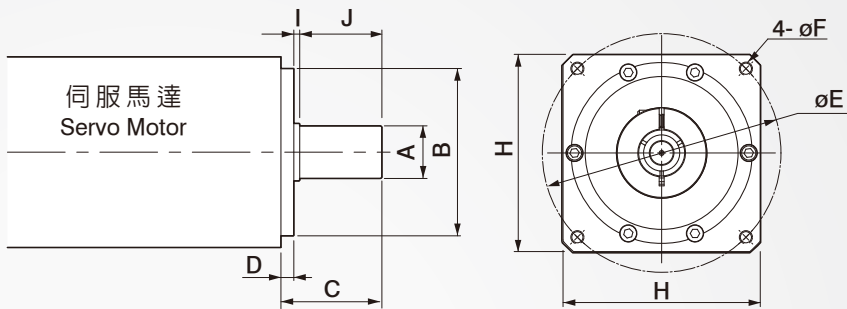


訂購資料

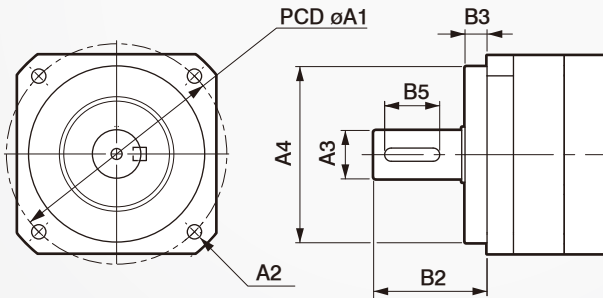
訂購時，請提供下列資料，以方便訂單作業。

Ordering Information

When ordering, please provide following to facilitate order processing.



A	B	C	D	E	F	H	I	J



減速機出力法蘭 Output Flange of Reducer:

出力軸心 Output shaft	軸長及 引導長度L Shaft leng & Guide leng	鍵 槽 Key way	引導øB Guide øB	引導長度T Guide leng T	P.C.D.A	螺絲孔徑 Screw hole
A3	B2	B5	A4	B3	A1	A2

行星減速機訂購編號 Planetary Gearheads Order No.:

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—

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減速機型
Reducer Type

型 號
Model

速 比
Speed Ratio

出力軸鍵
Output shaft
keyway

背隙等級
Backlash class

馬達型號
Motor type

訂購注意事項 Notices for Ordering:

- 產品名稱、型號及所需馬力。
 - 減速比或每分鐘轉速。
 - 荷重能力及安裝聯結方式。
 - 所需數量及欲安裝之機械名稱。
 - 入力方式及入力轉速。
 - 馬達廠牌、型號或法蘭及馬達心軸尺寸。
- Product name, model and horsepower required.
 - Speed reduction ratio or speed(rpm) required.
 - Loading condition and connection method.
 - Quantity required and machine name.
 - Input method and speed.
 - Motor brand, model, sizes of flange and motor shaft.

公司名稱: Company Name		聯絡人: Contact Person	
地 址: Address			
電 話: Tel	傳 真: Fax		E-mail :
備 註: Remarks			