

GTC

VERSION : MARCH 2014

伺服電機專用減速器 Special Planetary Gear

Reducer for
Servomotor



適用50W-15KW伺服電機
For Combination with
50W-15KW Servomotor

球體無背隙Backlash-free Ball Reducer
轉向無限制Non-restricted Motion
運用無範圍Flexible Applications





中空旋轉平台 減速器NT系列

Hollow and Rotary Platform for a Gear Reducer



NT 系列 NT series

特長 Feature

- 1.直接連結：簡易設計提升信賴性
Direct attachment with simple and reliable design.
- 2.大口徑中空旋轉平台：簡潔的配線及配管
Large hollow rotary table for concise wiring and piping.
- 3.定位精準高
Accurate and fast positioning.
- 4.短時間定位：可在短時間內實現慣性負載的定位
Repeat origin returns easily. Able to quickly position inertial load.
- 5.簡單原點回歸：省卻設計與零件採購的麻煩
Zero Return Easily：Save you the troubled of designing and purchasing parts.
- 6.NT系列(85、130、230)採用交叉滾子軸承
NT Series (85、130、230) use crossed roller bearing.

規格 Specification

說明Description / 型號Models	NT60	NT85	NT130	NT230
連續出力轉矩 Continuous Torque (kgf*m/Nm)	0.07/0.72	0.11/1.078	1.4/13.72	3.7/36.2
最大出力軸矩 Max. Torque (kgf*m/Nm)	0.21/2.1	0.33/3.234	4.3/42.14	11.2/109.7
破壞轉矩值 Breaking point (kgf*m/Nm)	0.63/6.7	0.9/8.82	10.7/104.86	22.4/219.5
許用輸入轉速(r/min) Permissible Input Rotation (rpm)	3000	3000	3000	3000
背隙(min-arc) Backlash (min-arc)	5	±15sec	±15sec	±15sec
慣性矩(單一速比)(kg*cm ²) Gear Reducer Inertia	0.05	0.02	0.2	2.3
許用徑向最大荷量(kgf) Max Radial Load (kgf)	30	50	200	835
重量 Weight (kg)	0.6	0.95	3.6	13.2

NT60減速比1:10 (NT60 Series Reduction Ratio 1:10)

NT85減速比1:30 (NT85 Series Reduction Ratio 1:30)

NT130減速比1:10 (NT130 Series Reduction Ratio 1:10)

NT230減速比1:10 (NT230 Series Reduction Ratio 1:10)

註 NT85出力軸螺絲長度請勿超過9.5mm

The depth of screw within 9.5mm in NT85

伺服電機：在訂貨時應告知工廠，伺服電機所需銜接法蘭及軸的尺寸。

Servomotor: Please advise the all dimensions of the pilot and output shaft when you make an order.

減速機的安裝：減速機本體是一個非常精密的產品，所以在安裝上必須小心，嚴禁碰撞或是以鐵鎚敲打軸心或是任一部位。

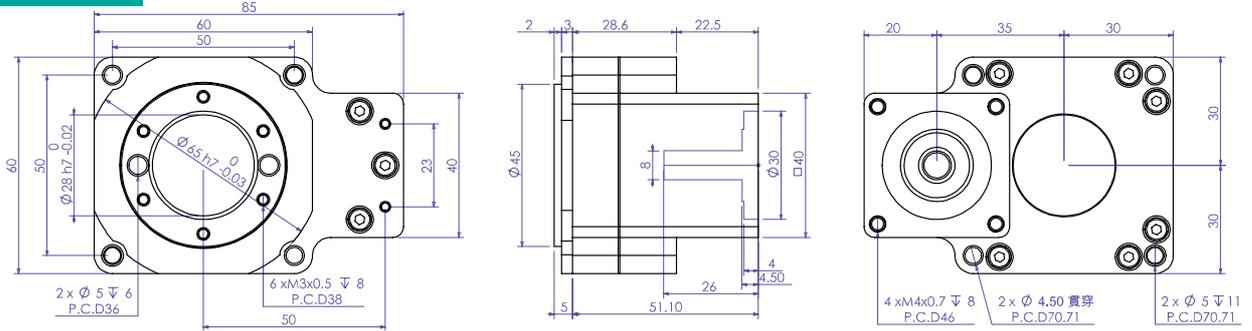
Installation of gear box: The gearbox is a high precision product; hence it must be careful in installation and forbid knocking at the shaft and any parts of the gearbox.

东莞市方特自动化科技有限公司

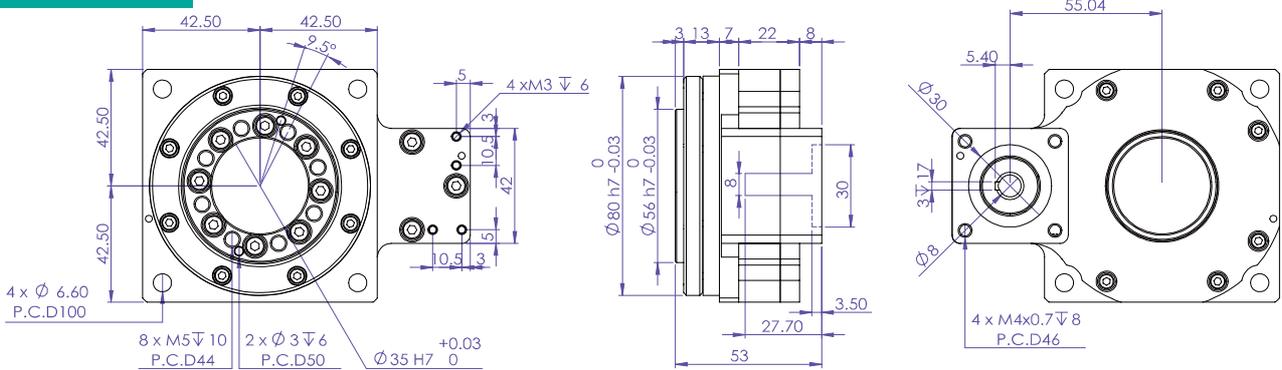
尺寸圖 Profile Dimensions

联系人方式：15899911437 吴生

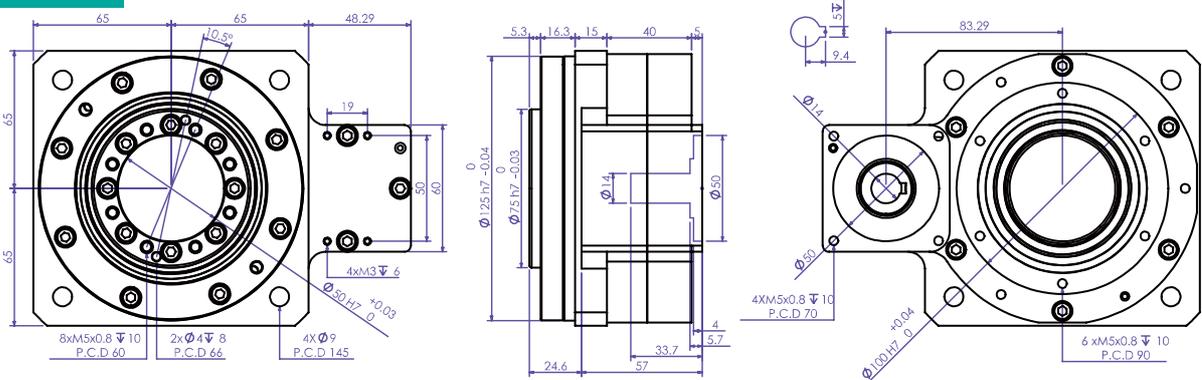
NT60



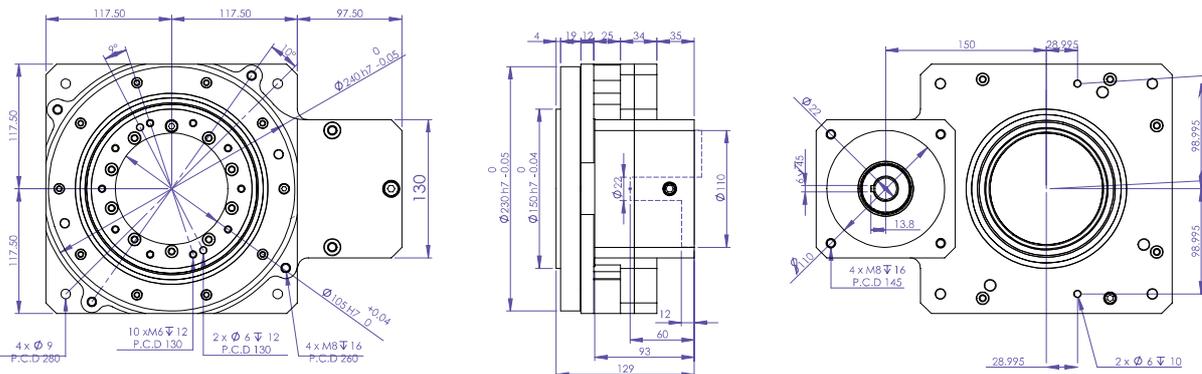
NT85



NT130



NT230



中空旋轉平台減速機

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本公司保有尺寸變更權利，並不另行通知，訂貨前請再度確認。

Dimension can be modified without notice for improvement of products so please Contact us before you order.