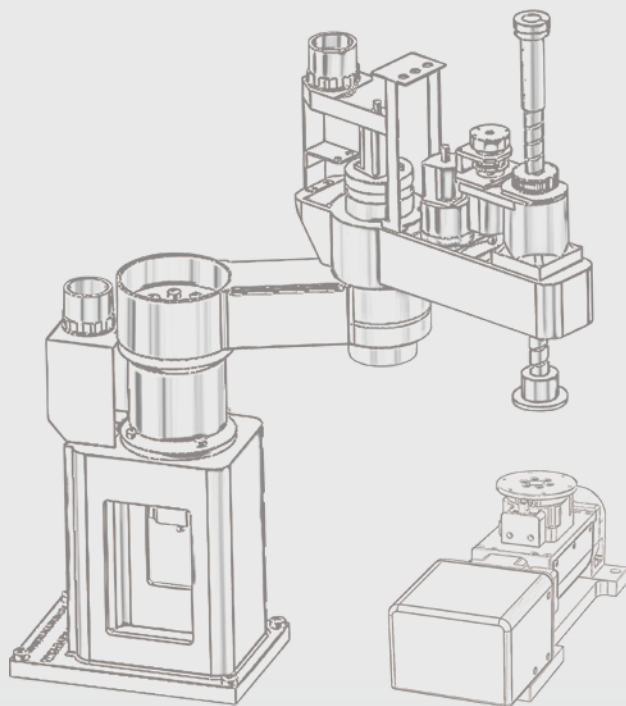


Automation

Two dimensional rotary module

二維旋轉運動模組



二維極座標精度

Two dimensional polar coordinates precision

± 0.02 mm

For **5**
Axis More
easier





MDC



MDR



MDA



MDL

Feature
1

精巧 Small & light

模組化設計.體積小.容易安裝

Modularized design, small, and easy to install

Feature
2

可靠 Reliability

閉迴路馬達控制

具備Ethercat/Ethernet

Close. loop motor control. It provides Ethercat/Ethernet

Feature
3

便利 Convenience

B軸轉台具氣口設計

便利供氣給氣壓元件

Built-in air inlet design of B axis rotary stage

Feature
4

精準 Accuracy

二維連動定位精度可達0.02mm以內

Two dimensional connects geometric accuracy is withing the limit of 0.02mm

Feature
5

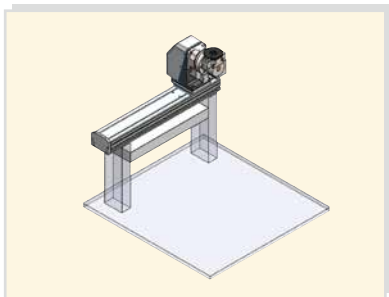
多工 Multiple function

二維旋轉模組搭配直線模組即可完成三維運動模式

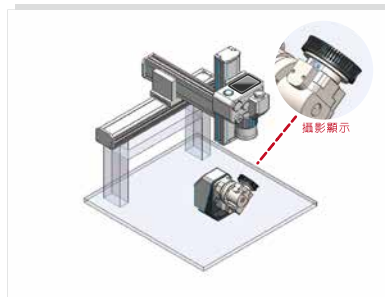
Two dimensional rotary module collocates with linear moduls, finishing three dimensional kinematic

三維運動應用範例

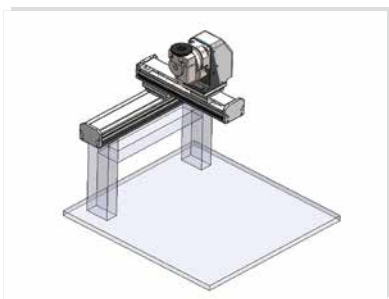
Three-dimensional mobile example



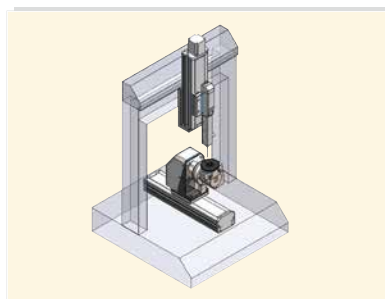
三軸使用 (A+B+X)



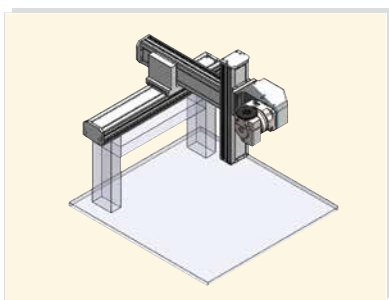
MDR+直線模組：3D檢測應用



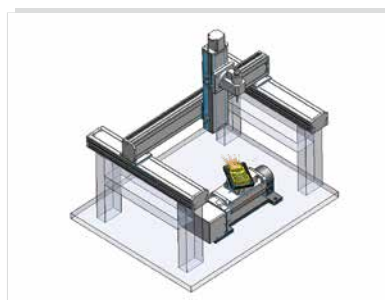
四軸使用 (A+B+X+Y)



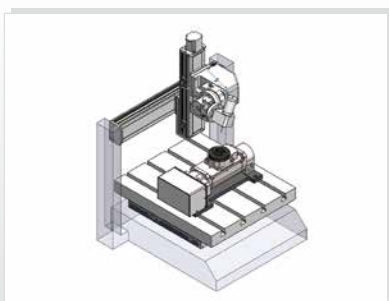
MDR+直線模組：3D列印設備5軸應用



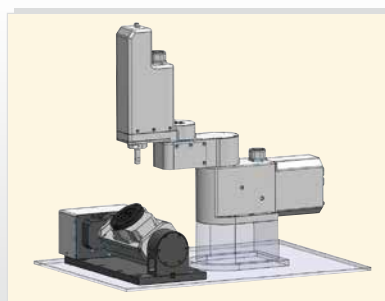
五軸使用 (A+B+X+Y+Z)



MDC+直線模組：激光加工多面翻轉、雕刻、切割，3D檢測...等應用



MDR+MDC+直線模組：可應用於鉗孔、攻牙



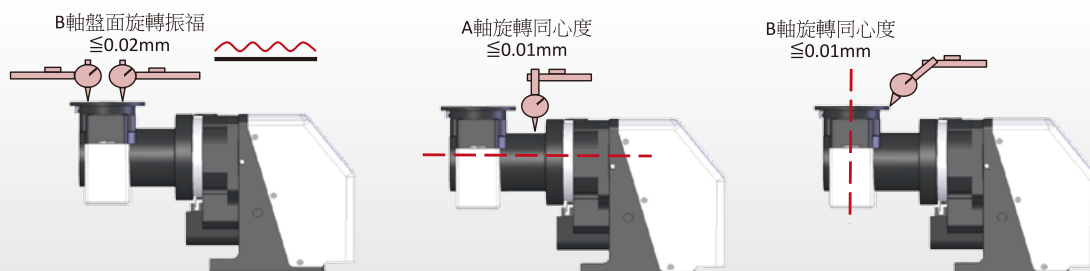
MDC+水平軸機械手臂(SCARA)：塑料件去毛邊、鉗孔、攻牙、鎖螺絲...等應用

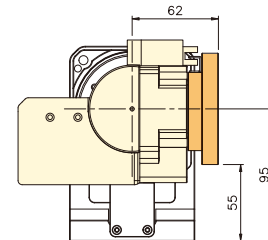
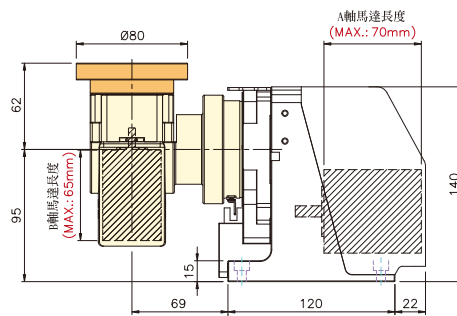
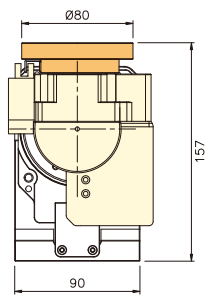
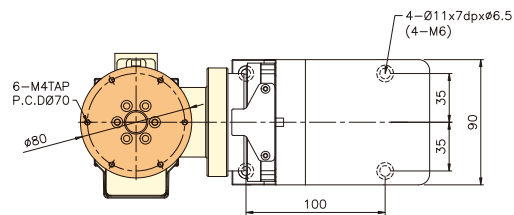
MDR40H - T2 T1



型號 / 規格 Model		MDR40TS MDR40□□
容許轉矩 Max. torque	N-m	5
容許荷重 Max. load	kg	3
旋轉角度 Angle of rotation	A 軸	$\pm 180^\circ$
	B 軸	360°
旋轉精度 Angle of precision	A 軸	$\leq 60''$
	B 軸	$\leq 60''$
重複精度 Repetitive precision	A 軸	$\leq 10''$
	B 軸	$\leq 15''$
二維同心度 2 dimensional parallelism	mm	± 0.02
二維平行度 2 dimensional parallelism	mm	± 0.02
減速比 Gear ratio	A 軸	1:10
	B 軸	1:10
防護等級 Protection rating		IP60
馬達 Motor	A 軸	56 / 60 型步進馬達
	B 軸	42 型步進馬達

二維運動精度規範



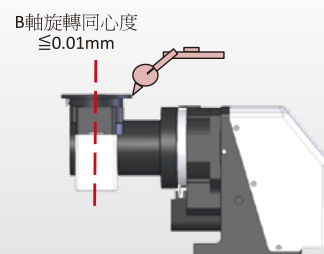
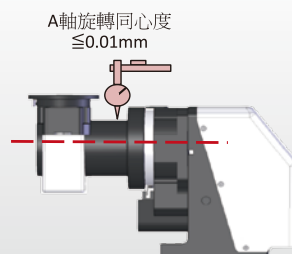
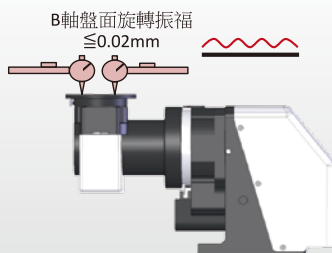


MDR65H V1 V1 - L

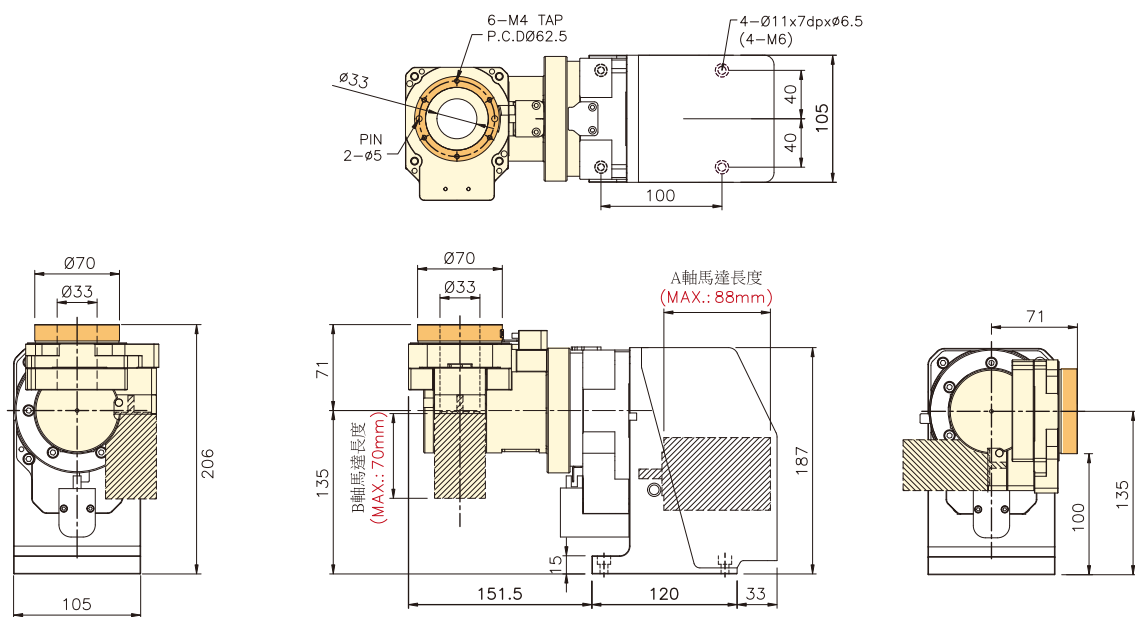


型號 / 規格 Model		MDR65H-TS MDR65H-□□-L
容許轉矩 Max. torque	N·m	15
容許荷重 Max. load	kg	5
旋轉角度 Angle of rotation	A 軸	±90°
	B 軸	360°
旋轉精度 Angle of precision	A 軸	≤ 30"
	B 軸	≤ 30"
重複精度 Repetitive precision	A 軸	≤ 10"
	B 軸	≤ 15"
二維同心度 2 dimensional parallelism	mm	± 0.02
二維平行度 2 dimensional parallelism	mm	± 0.02
減速比 Gear ratio	i A 軸	1:8
	B 軸	1:10
防護等級 Protection rating		IP60
馬達規格 Motor modle	A 軸	56 / 60 型步進馬達 200W / 400W 伺服馬達
	B 軸	42 型步進馬達 100W 伺服馬達

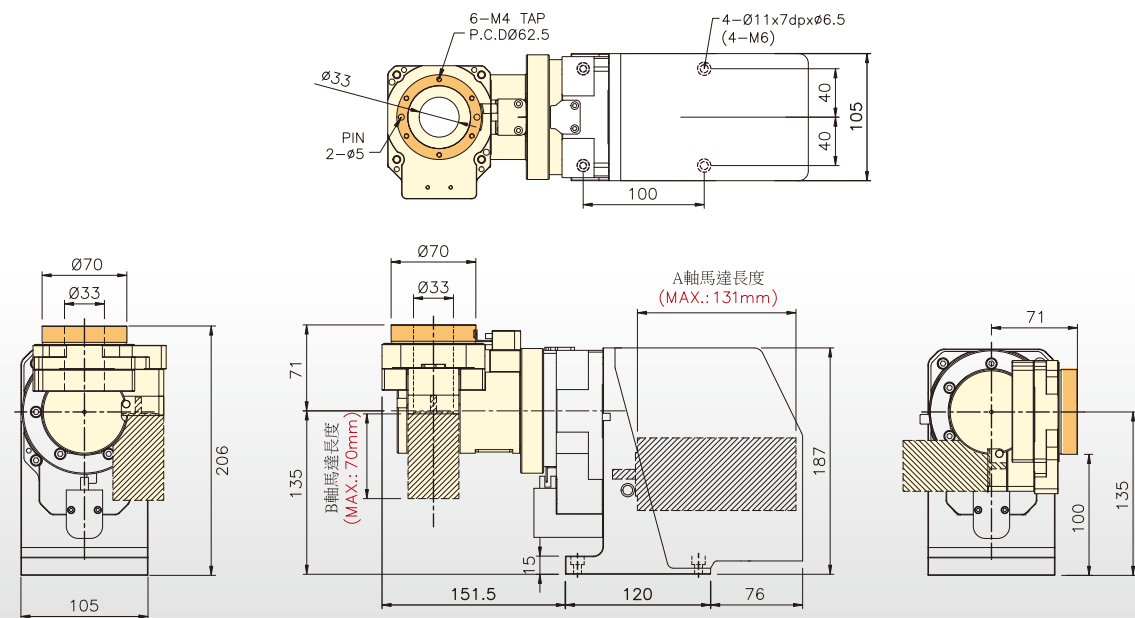
二維運動精度規範



MDR65H-TS
 MDR65H-□□



MDR65H-□□-L

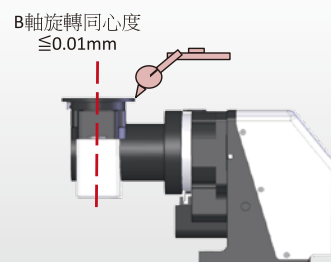
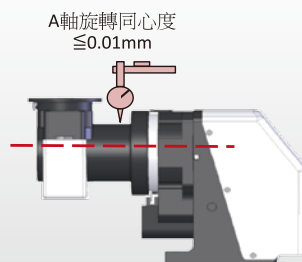
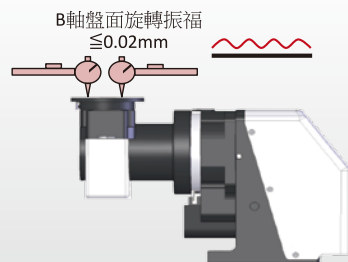


MDR 85GH V1 V1 - L



型號 / 規格 Model		MDR85GH-TS MDR85GH-□□
容許轉矩 Max. torque	N-m	15
容許荷重 Max. load	kg	20
旋轉角度 Angle of rotation	A 軸	±90°
	B 軸	360°
旋轉精度 Angle of precision	A 軸	≤ 30"
	B 軸	≤ 15"
重複精度 Repetitive precision	A 軸	≤ 10"
	B 軸	≤ 15"
二維同心度 2 dimensional parallelism	mm	± 0.02
二維平行度 2 dimensional parallelism	mm	± 0.02
減速比 Gear ratio	i	A 軸 1:60
		B 軸 1:30
防護等級 Protection rating		IP60
馬達規格 Motor	A 軸	56 / 60 型步進馬達 200W / 400W 伺服馬達
	B 軸	42 步進馬達 100W 伺服馬達

二維運動精度規範



MDR85GH-□□

MDR85GH-TS

