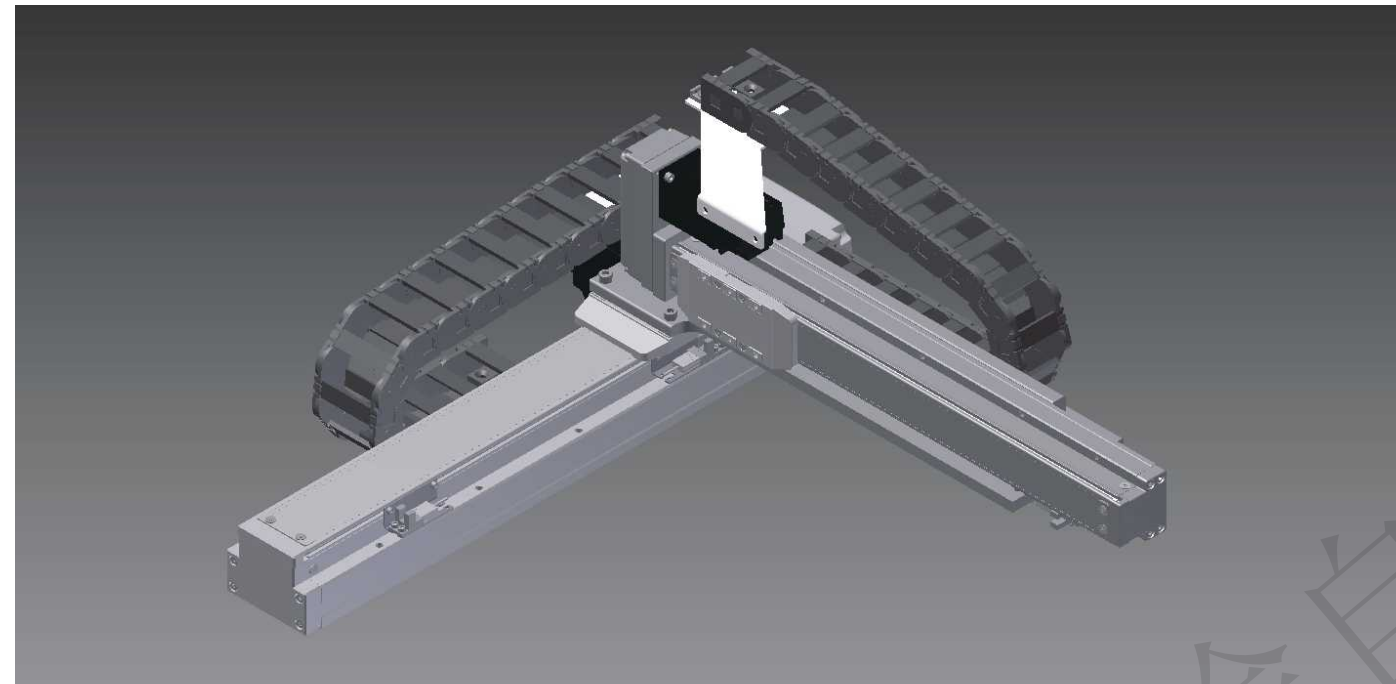


XYGT320-A

2軸
2-axis螺桿驅動
Ball Screw Drive免費服務專線：大陸 400-875-0009 台灣 0800-800-893
Toll-Free Number China Taiwan此圖僅供參考，出貨規格詳見尺寸圖面。
The picture is just for the reference. Please check the the actual dimensions on the drawing.※標準連結滑台不提供同動精度
Assembly accuracy is not guaranteed for the standard multi-axis system.

最大行程 Maximum Stroke

X軸 X axis 1100mm Y軸 Y axis 500mm

最高速度 Maximum Speed

X軸 X axis 1000mm/s Y軸 Y axis 500mm/s

AC伺服馬達容量 AC Servo Motor Output

X軸 X axis 200W Y軸 Y axis 100W

基本仕様 Specification

項目 Item	X軸 X axis	Y軸 Y axis
軸型式 Model Type	GTH8	GTH5
位置重複精度 Repeatability (mm)	±0.01	±0.01
螺桿導程 Ball screw lead (mm)	20	10
最高速度 Maximum Speed (mm/s) ※1	1000	500
標準行程 (50間隔) Stroke 50 mm Pitch (mm)	50~1100	100~500
AC伺服馬達容量 AC Servo Motor Output (W)	200	100
使用環境 Environment	0~40°C, 85%RH Below	

※1：最高速度(mm/s)是以伺服馬達最高轉速3000rpm/min為基準。Maximum speed is based on the AC servo motor's 3000RPM.

最大可搬重量 Maximum Payload

Y軸行程 Y Stroke (mm)	100	150	200	250	300	350	400	450	500
Y軸荷重 Y Payload (kg)	8.12	7.74	7.36	6.98	6.6	6.22	5.84	5.46	5

※限定水平安裝。
Only for horizontal installation.

型號表示方式 Ordering Method

XYGT320 - A1 - 300 - 300 - M - C - 0001

本體型號
Model特注仕様
Special Order No.連結方式
Combination

A 懸臂型 Arm Type

組合方向
Combination Direction1
2
3
4X軸行程
X Stroke50~1100mm
50間隔 50 mm PitchY軸行程
Y Stroke100~500mm
50間隔 50 mm Pitch馬達廠牌
Motor BrandM 三菱 Mitsubishi
P 國際 Panasonic
Y 安川 Yaskawa
T 台達 Delta出貨方式
Delivery MethodC 連結出貨 By Set
K 單軸出貨 By Kit

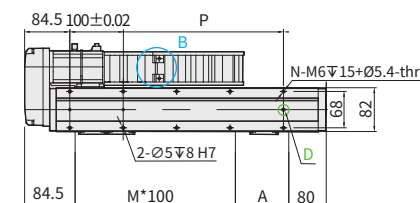
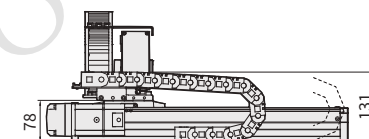
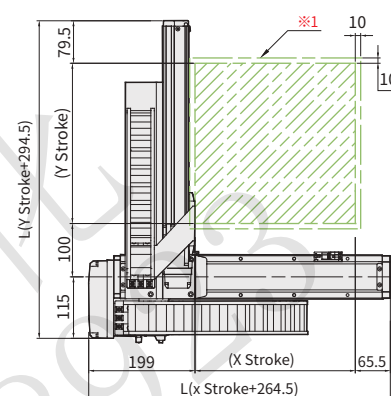
XYGT320-A1 尺寸圖 Size

A1

2D CAD 3D CAD

● CAD圖面可至www.toyorobot.com下載
Please download the CAD file from TOYO's website: www.toyorobot.com

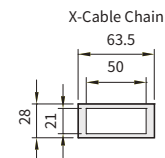
單位 Unit: mm



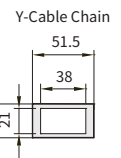
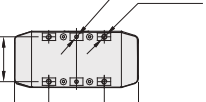
B-Detail View

2-∅10.4+∅5.5-thr.

D View

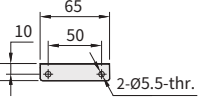
5-∅12.8
7

A-Detail View

2-∅3∇6 H7
4-M5∇11

C-Detail View

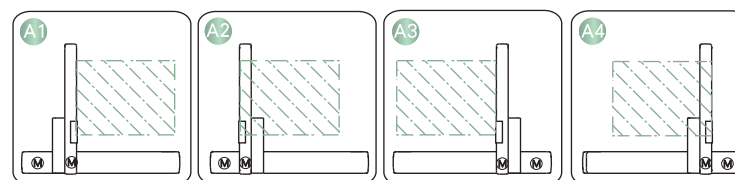
2-∅5.5-thr.

※1：原點回復時的移動範圍及機械極限的停止位置。
(When the moving range return to origin, the stop position of table's movement range and mechanical limit.)※2：最高速度(mm/s)是以伺服馬達最高轉速3000rpm/min為基準。
(Maximum speed is based on the AC servo motor's 3000 RPM.)※3：最高使用速度代表該行程內可使用的最高安全速度，若超過此速度，滑台可能有嚴重共振產生。
(Maximum speed is refers to the highest safe speed that can be used in stroke, if more than the standard speed, table may produce serious resonance.)

X軸有效行程 X Stroke (mm)	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	
L	314.5	364.5	414.5	464.5	514.5	564.5	614.5	664.5	714.5	764.5	814.5	864.5	914.5	964.5	1014.5	1064.5	1114.5	1164.5	1214.5	1264.5	1314.5	1364.5	
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	
M	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	
N	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	
P	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	
最高使用速度 Maximum speed (mm/s)	1000※2※3																900	800	700	600	500	400	300

Y軸有效行程 Y Stroke (mm)	100	150	200	250	300	350	400	450	500
H	394.5	444.5	494.5	544.5	594.5	644.5	694.5	744.5	794.5
最高使用速度 Maximum speed (mm/s)	500								

連結方向 Combination Direction



配件規格 Spec. Details

X軸詳細規格
X-axis Detail Spec. →P043Y軸詳細規格
Y-axis Detail Spec. →P039

XYGT

320-A
320-A1
320-A2
320-A3
320-A4

XYGT320-A1

2軸
2-axis螺桿驅動
Ball Screw Drive免費服務專線：大陸 400-875-0009 台灣 0800-800-893
Toll-Free Number China Taiwan

XYGT320-A1 配件規格 Accessories Specification

A1 履帶及履帶固定板 Cable Track And Fixing Plate For Track

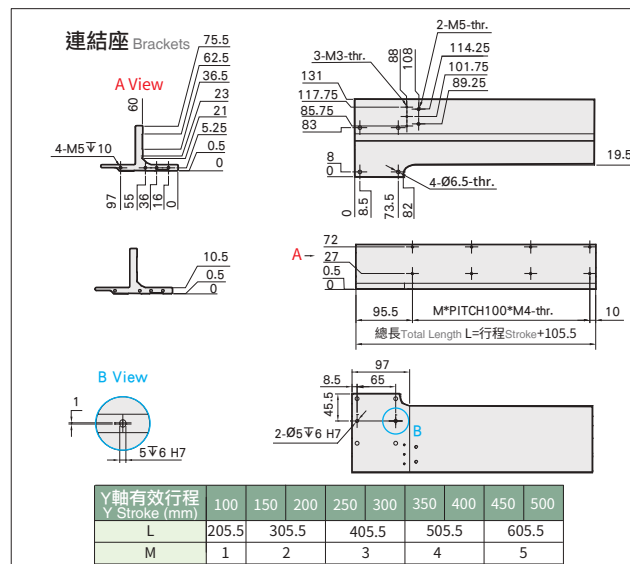
	履帶料號 Part No of Cable Track	履帶使用規格 Specification of Cable Track	固定座料號 Part No of Fix Plate	固定座使用規格 Specification of Fixing Plate	固定座使用數量 Quantity of Fixing Plate
X軸 X Axis	22021-000324	IGUS-1500.050.048.0-節距33.3 Pitch	22021-000322	15000.050.34PZ-A2(含活動端+固定端) Include moving end+fixing end	2
Y軸 Y Axis	22021-000321	IGUS-1500.038.048.0-節距33.3 Pitch	22021-000323	15000.038.34PZ-A2(含活動端+固定端) Include moving end+fixing end	2

履帶使用節數數量 Quantity of Pitch Number For Cable Track

軸向 Axis	行程 Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100
X軸使用節數 Number For Pitch of X Axis		10	11	11	12	13	14	14	15	16	17	17	18	19	20	20	21	22	23	23	24	25	26
Y軸使用節數 Number For Pitch of Y Axis			13	13	14	15	16	16	17	18	19												

束線固定鈕規格 Fix Cable Button Specification

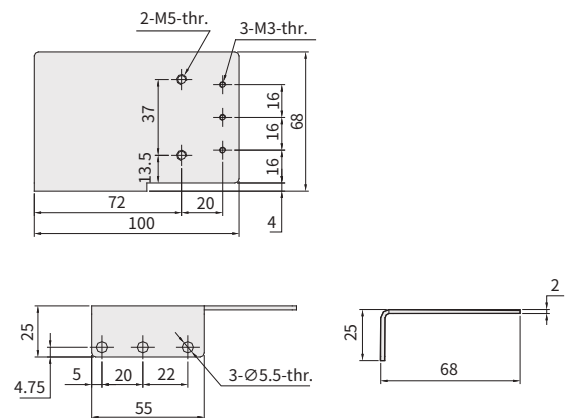
料號 Part No	22200-000024	規格 Specification	15*10*7-市購 Outsoure	數量 Quantity	9
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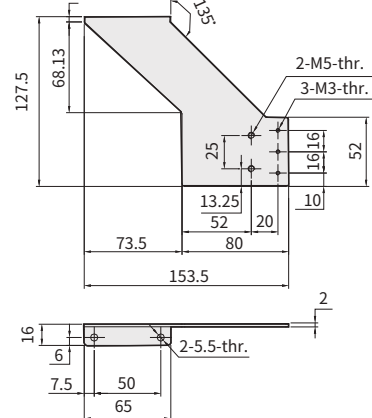
連結座 Brackets

料號 Part NO	Y軸行程 Stroke of Y axis	規格 Specification
11033-000046	100	XYGT320-A1/A4-行程100-長205.5 XYGT320-A1/A4-Stroke 100-Length 205.5
11033-000047	150~200	XYGT320-A1/A4-行程150(200)-長305.5 XYGT320-A1/A4-Stroke 150(200)-Length 305.5
11033-000048	250~300	XYGT320-A1/A4-行程250(300)-長405.5 XYGT320-A1/A4-Stroke 250(300)-Length 405.5
11033-000049	350~400	XYGT320-A1/A4-行程350(400)-長505.5 XYGT320-A1/A4-Stroke 350(400)-Length 505.5
11033-000050	450~500	XYGT320-A1/A4-行程450(500)-長605.5 XYGT320-A1/A4-Stroke 450(500)-Length 605.5

X軸板金 Sheet Metal of X Axis

料號 Part NO : 22041-000482
材質 Material : SUS304

Y軸板金 Sheet Metal of Y Axis

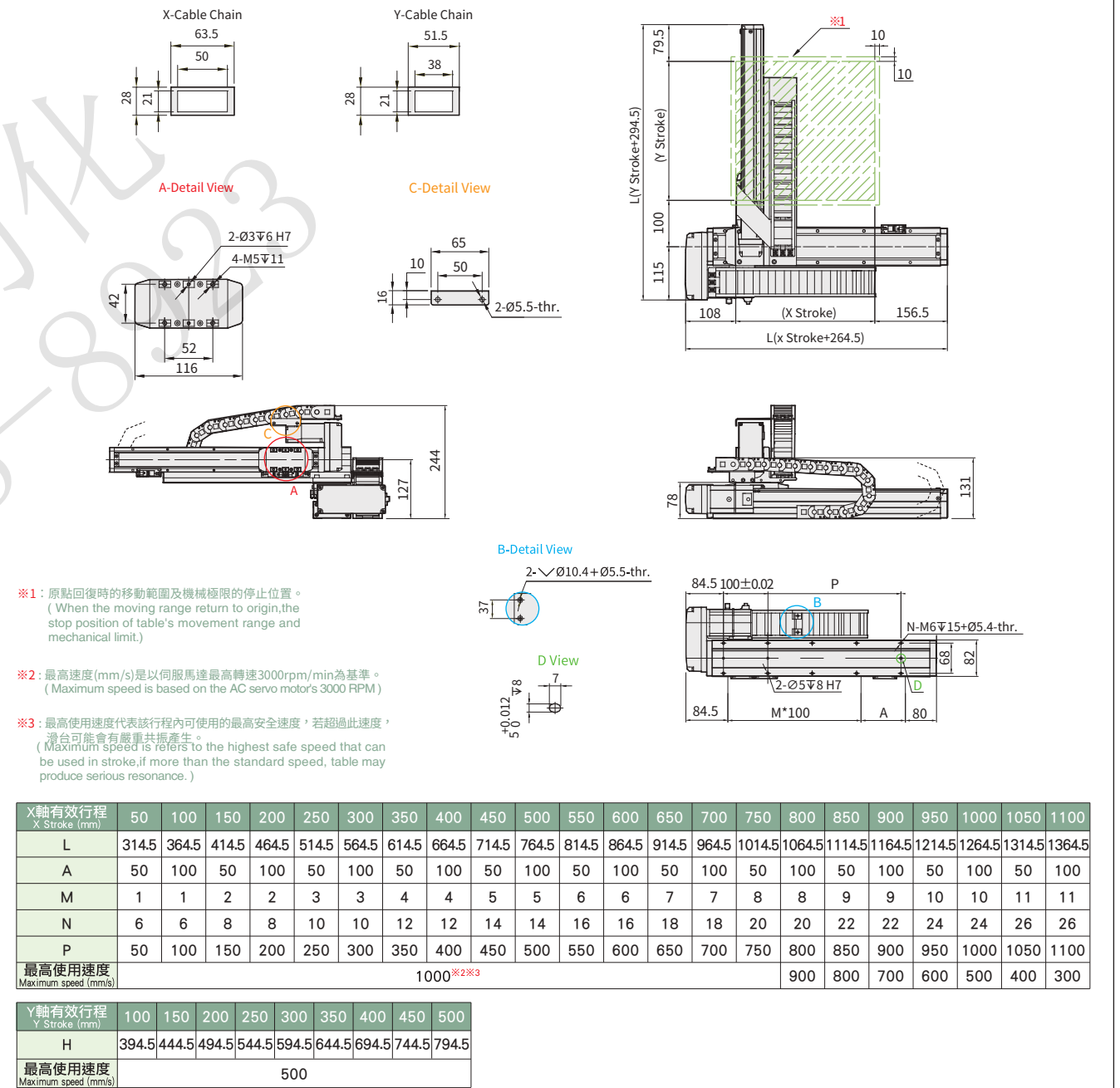
料號 Part NO : 22041-000484
材質 Material : SUS304

XYGT320-A2 尺寸圖 Size

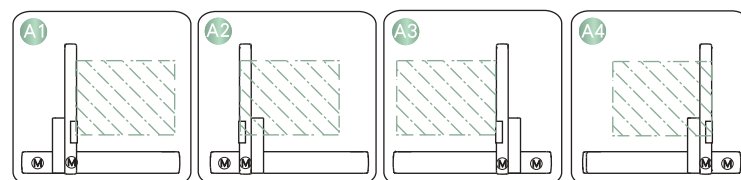
A2

• CAD圖面可至www.toyorobot.com下載
Please download the CAD file from TOYO's website: www.toyorobot.com

單位 Unit : mm



連結方向 Combination Direction



配件規格 Spec. Details

X軸詳細規格
X-axis Detail Spec. →P043Y軸詳細規格
Y-axis Detail Spec. →P039

XYGT

320-A
320-A1
320-A2
320-A3
320-A4

XYGT320-A2

2軸
2-axis螺桿驅動
Ball Screw Drive免費服務專線：大陸 400-875-0009 台灣 0800-800-893
Toll-Free Number China Taiwan

XYGT320-A2 配件規格 Accessories Specification

A2 履帶及履帶固定板 Cable Track And Fixing Plate For Track

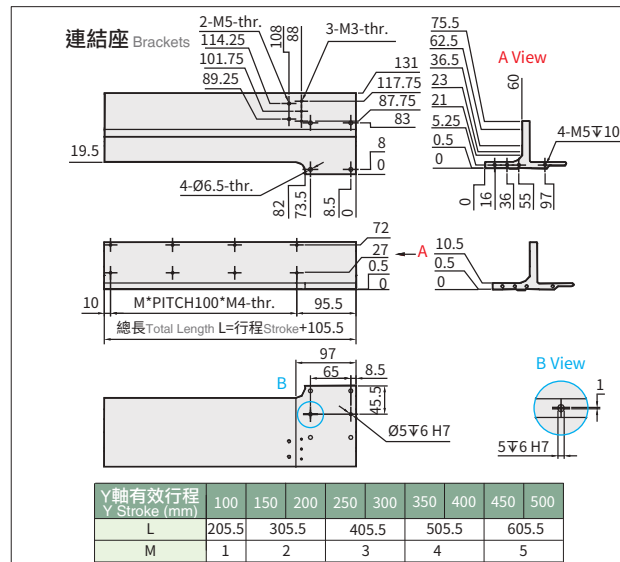
	履帶料號 Part No of Cable Track	履帶使用規格 Specification of Cable Track	固定座料號 Part No of Fix Plate	固定座使用規格 Specification of Fixing Plate	固定座使用數量 Quantity of Fixing Plate
X軸 X Axis	22021-000324	IGUS-1500.050.048.0-節距33.3 Pitch	22021-000322	15000.050.34PZ-A2(含活動端+固定端) Include moving end+fixing end	2
Y軸 Y Axis	22021-000321	IGUS-1500.038.048.0-節距33.3 Pitch	22021-000323	15000.038.34PZ-A2(含活動端+固定端) Include moving end+fixing end	2

履帶使用節數數量 Quantity of Pitch Number For Cable Track

軸向 Axis	行程 Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100
X軸使用節數 Number For Pitch of X Axis		10	11	11	12	13	14	14	15	16	17	17	18	19	20	20	21	22	23	23	24	25	26
Y軸使用節數 Number For Pitch of Y Axis			13	13	14	15	16	16	17	18	19												

束線固定鈕規格 Fix Cable Button Specification

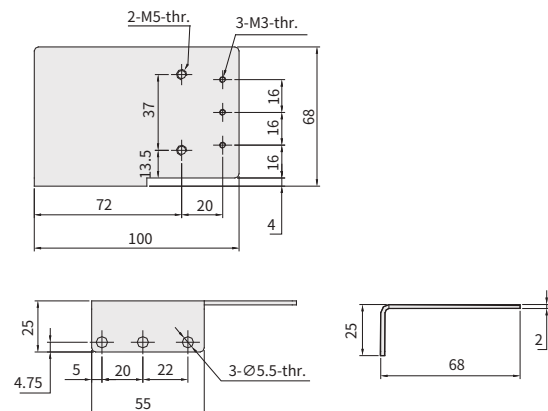
料號 Part No	22200-000024	規格 Specification	15*10*7-市購 Outsoure	數量 Quantity	9
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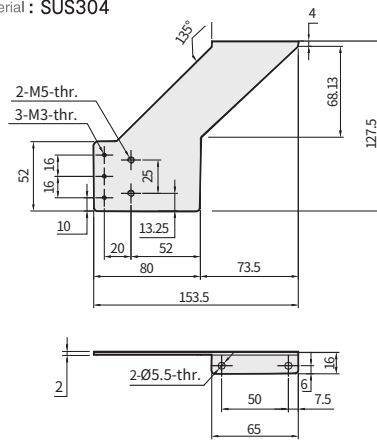
連結座 Brackets

料號 Part NO	Y軸行程 Stroke of Y axis	規格 Specification
11033-000051	100	XYGT320-A2/A3-行程100-長205.5 XYGT320-A2/A3-Stroke 100-Length 205.5
11033-000052	150~200	XYGT320-A2/A3-行程150(200)-長305.5 XYGT320-A2/A3-Stroke 150(200)-Length 305.5
11033-000053	250~300	XYGT320-A2/A3-行程250(300)-長405.5 XYGT320-A2/A3-Stroke 250(300)-Length 405.5
11033-000054	350~400	XYGT320-A2/A3-行程350(400)-長505.5 XYGT320-A2/A3-Stroke 350(400)-Length 505.5
11033-000055	450~500	XYGT320-A2/A3-行程450(500)-長605.5 XYGT320-A2/A3-Stroke 450(500)-Length 605.5

X軸板金 Sheet Metal of X Axis

料號 Part NO : 22041-000482
材質 Material : SUS304

Y軸板金 Sheet Metal of Y Axis

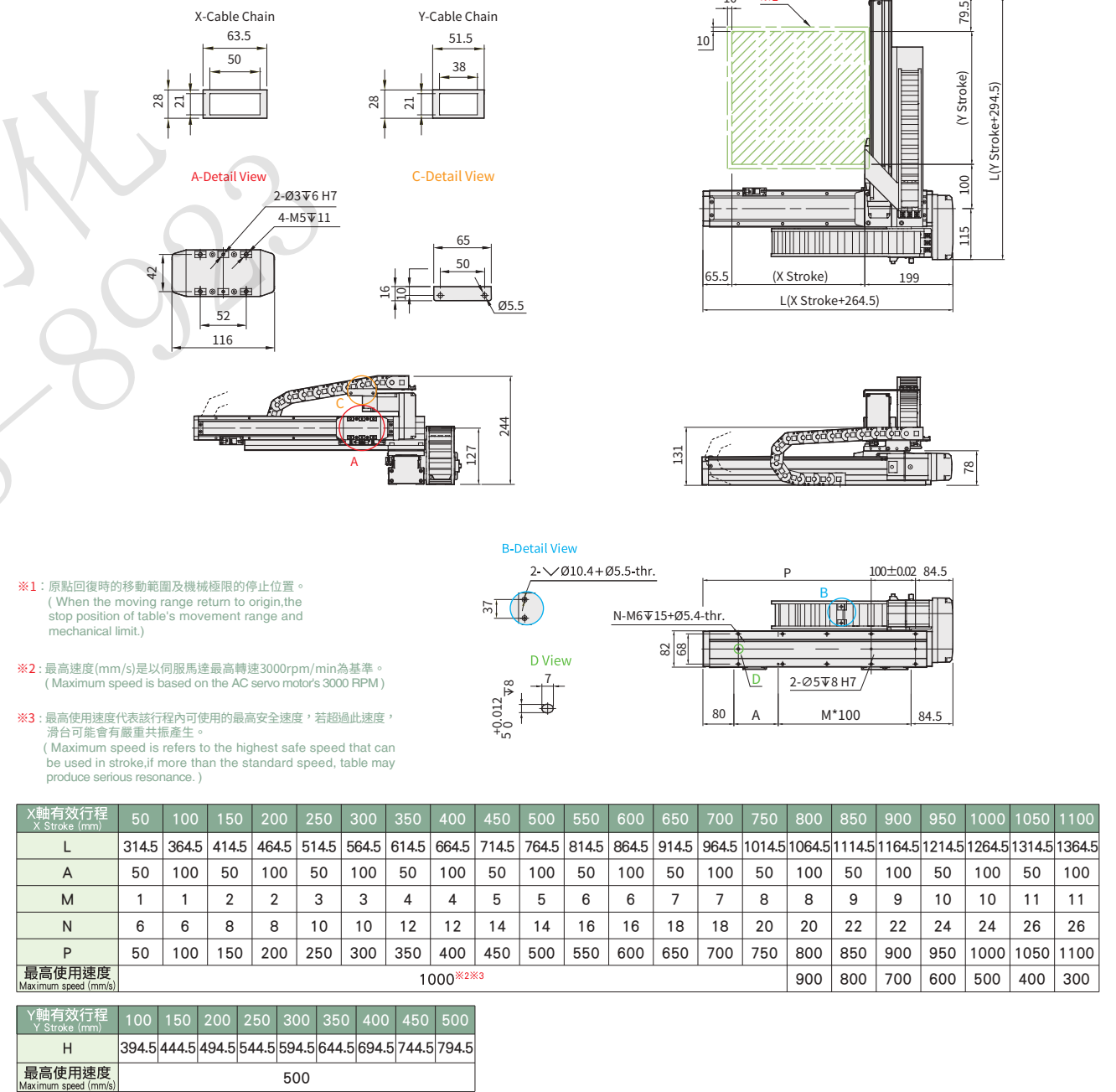
料號 Part NO : 22041-000485
材質 Material : SUS304

XYGT320-A3 尺寸圖 Size

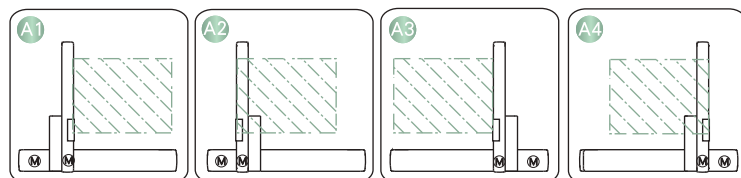
A3

● CAD圖面可至www.toyorobot.com下載 ●
Please download the CAD file from TOYO's website: www.toyorobot.com

單位 Unit : mm



連結方向 Combination Direction



配件規格 Spec. Details

X軸詳細規格
X-axis Detail Spec. →P043Y軸詳細規格
Y-axis Detail Spec. →P039

XYGT320-A3

2軸
2-axis螺桿驅動
Ball Screw Drive免費服務專線：大陸 400-875-0009 台灣 0800-800-893
Toll-Free Number China Taiwan

XYGT320-A3 配件規格 Accessories Specification

A3 履帶及履帶固定板 Cable Track And Fixing Plate For Track

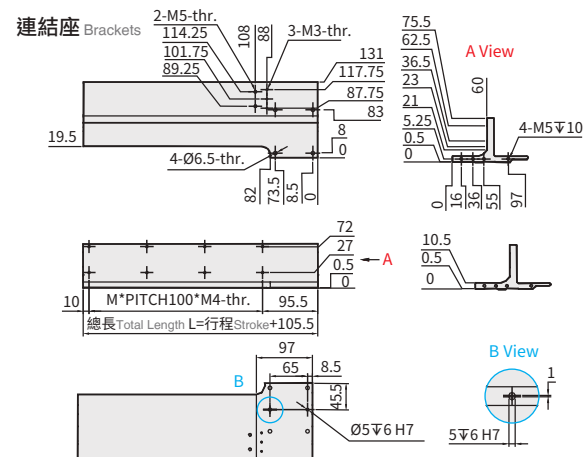
	履帶料號 Part No of Cable Track	履帶使用規格 Specification of Cable Track	固定座料號 Part No of Fix Plate	固定座使用規格 Specification of Fixing Plate	固定座使用數量 Quantity of Fixing Plate
X軸 X Axis	22021-000324	IGUS-1500.050.048.0-節距33.3 Pitch	22021-000322	15000.050.34PZ-A2(含活動端+固定端) Include moving end+fixing end	2
Y軸 Y Axis	22021-000321	IGUS-1500.038.048.0-節距33.3 Pitch	22021-000323	15000.038.34PZ-A2(含活動端+固定端) Include moving end+fixing end	2

履帶使用節數數量 Quantity of Pitch Number For Cable Track

軸向 Axis	行程 Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100
X軸使用節數 Number For Pitch of X Axis		10	11	11	12	13	14	14	15	16	17	17	18	19	20	20	21	22	23	23	24	25	26
Y軸使用節數 Number For Pitch of Y Axis			13	13	14	15	16	16	17	18	19												

束線固定鈕規格 Fix Cable Button Specification

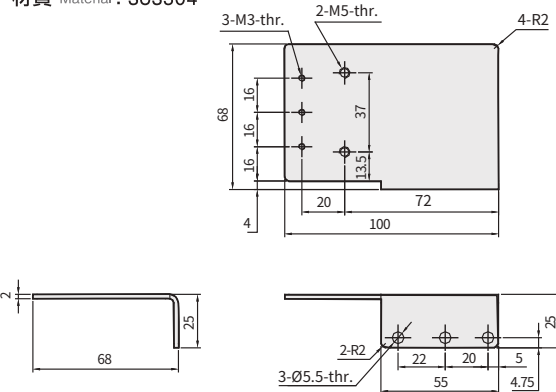
料號 Part No	22200-000024	規格 Specification	15*10*7-市購 Outsoure	數量 Quantity	9
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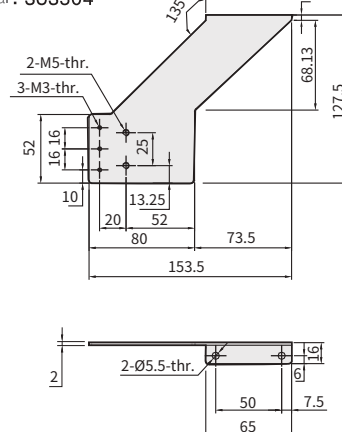
連結座 Brackets

料號 Part NO	Y軸行程 Stroke of Y axis	規格 Specification
11033-000051	100	XYGT320-A2/A3-行程100-長205.5 XYGT320-A2/A3-Stroke 100-Length 205.5
11033-000052	150~200	XYGT320-A2/A3-行程150(200)-長305.5 XYGT320-A2/A3-Stroke 150(200)-Length 305.5
11033-000053	250~300	XYGT320-A2/A3-行程250(300)-長405.5 XYGT320-A2/A3-Stroke 250(300)-Length 405.5
11033-000054	350~400	XYGT320-A2/A3-行程350(400)-長505.5 XYGT320-A2/A3-Stroke 350(400)-Length 505.5
11033-000055	450~500	XYGT320-A2/A3-行程450(500)-長605.5 XYGT320-A2/A3-Stroke 450(500)-Length 605.5

X軸板金 Sheet Metal of X Axis

料號 Part NO : 22041-000483
材質 Material : SUS304

Y軸板金 Sheet Metal of Y Axis

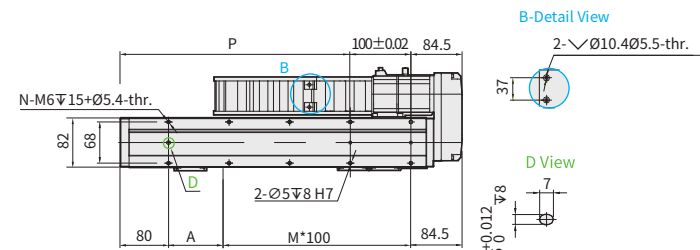
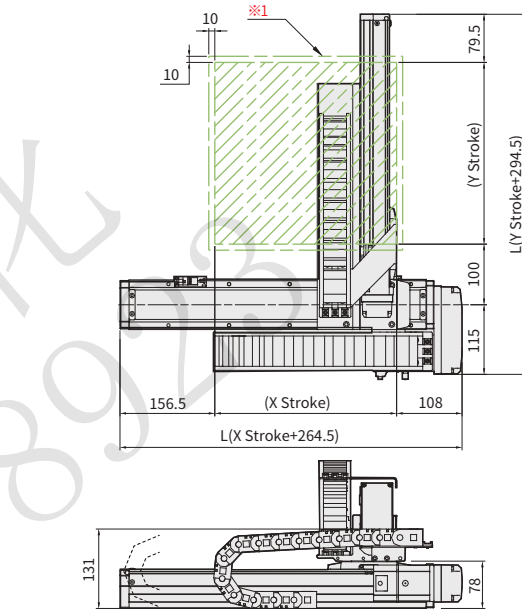
料號 Part NO : 22041-000485
材質 Material : SUS304

XYGT320-A4 尺寸圖 Size

A4

● CAD圖面可至www.toyorobot.com下載 ●
Please download the CAD file from TOYO's website: www.toyorobot.com

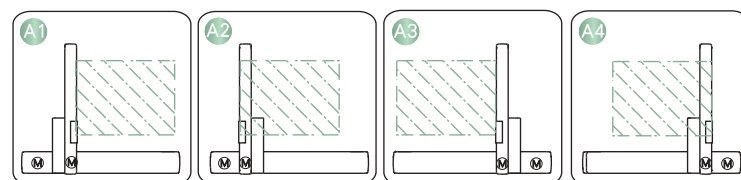
單位 Unit : mm

※1：原點回復時的移動範圍及機械極限的停止位置。
(When the moving range return to origin, the stop position of table's movement range and mechanical limit.)※2：最高速度(mm/s)是以伺服馬達最高轉速3000rpm/min為基準。
(Maximum speed is based on the AC servo motor's 3000 RPM.)※3：最高使用速度代表該行程內可使用的最高安全速度，若超過此速度，滑台可能有嚴重共振產生。
(Maximum speed refers to the highest safe speed that can be used in stroke, if more than the standard speed, table may produce serious resonance.)

X軸有效行程 X Stroke (mm)	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	
L	314.5	364.5	414.5	464.5	514.5	564.5	614.5	664.5	714.5	764.5	814.5	864.5	914.5	964.5	1014.5	1064.5	1114.5	1164.5	1214.5	1264.5	1314.5	1364.5	
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	
M	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	
N	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	
P	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	
最高使用速度 Maximum speed (mm/s)	1000※2※3																900	800	700	600	500	400	300

Y軸有效行程 Y Stroke (mm)	100	150	200	250	300	350	400	450	500
H	394.5	444.5	494.5	544.5	594.5	644.5	694.5	744.5	794.5
最高使用速度 Maximum speed (mm/s)	500								

連結方向 Combination Direction



配件規格 Spec. Details

X軸詳細規格
X-axis Detail Spec. →P043Y軸詳細規格
Y-axis Detail Spec. →P039

XYGT320-A4

2軸
2-axis



螺桿驅動 Ball Screw Drive

免費服務專線：大陸 400-875-0009 台灣 0800-800-893
Toll-Free Number China Taiwan

XYGT320-A4 配件規格 Accessories Specification

A4 履帶及履帶固定板 Cable Track And Fixing Plate For Track

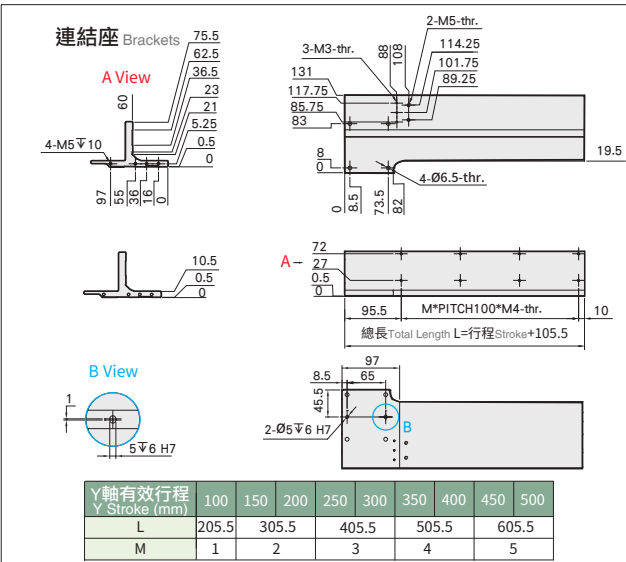
	履帶料號 Part No of Cable Track	履帶使用規格 Specification of Cable Track	固定座料號 Part No of Fix Plate	固定座使用規格 Specification of Fixing Plate	固定座使用數量 Uantity of Fixing Plate
X軸 X Axis	22021-000324	IGUS-1500.050.048.0-節距33.3 Pitch	22021-000322	15000.050.34PZ-A2(含活動端+固定端) Include moving end+fixing end	2
Y軸 Y Axis	22021-000321	IGUS-1500.038.048.0-節距33.3 Pitch	22021-000323	15000.038.34PZ-A2(含活動端+固定端) Include moving end+fixing end	2

履帶使用節數數量 Quantity of Pitch Number For Cable Track

軸向 Axis	行程 Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100
X軸使用節數 Number For Pitch of X Axis		10	11	11	12	13	14	14	15	16	17	17	18	19	20	20	21	22	23	23	24	25	26
Y軸使用節數 Number For Pitch of Y Axis			13	13	14	15	16	16	17	18	19												

束線固定鈕規格 Fix Cable Button Specification

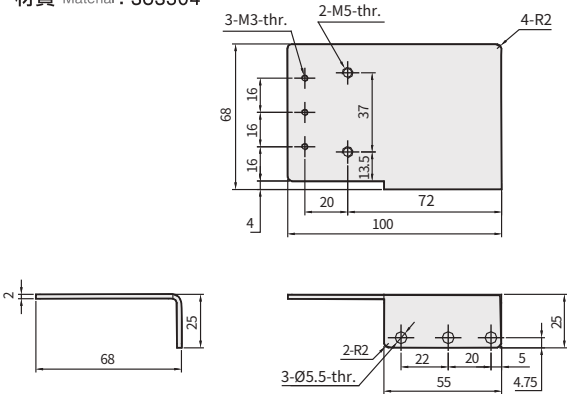
料號 Part No	22200-000024	規格 Specification	15*10*7-市購 Outsoure	數量 Quantity	9
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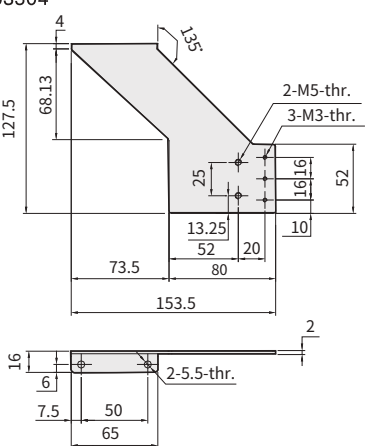
連結座 Brackets

料號 Part NO	Y軸行程 Stroke of Y axis	規格 Specification
11033-000046	100	XYGT320-A1/A4-行程100-長205.5 XYGT320-A1/A4-Stroke 100-Length 205.5
11033-000047	150~200	XYGT320-A1/A4-行程150(200)-長305.5 XYGT320-A1/A4-Stroke 150(200)-Length 305.5
11033-000048	250~300	XYGT320-A1/A4-行程250(300)-長405.5 XYGT320-A1/A4-Stroke 250(300)-Length 405.5
11033-000049	350~400	XYGT320-A1/A4-行程350(400)-長505.5 XYGT320-A1/A4-Stroke 350(400)-Length 505.5
11033-000050	450~500	XYGT320-A1/A4-行程450(500)-長605.5 XYGT320-A1/A4-Stroke 450(500)-Length 605.5

X軸板金 Sheet Metal of X Axis 料號 Part NO : 22041-000483 材質 Material : SUS304



Y軸板金 Sheet Metal of Y Axis 料號 Part NO : 22041-000484 材質 Material : SUS304



Memo