

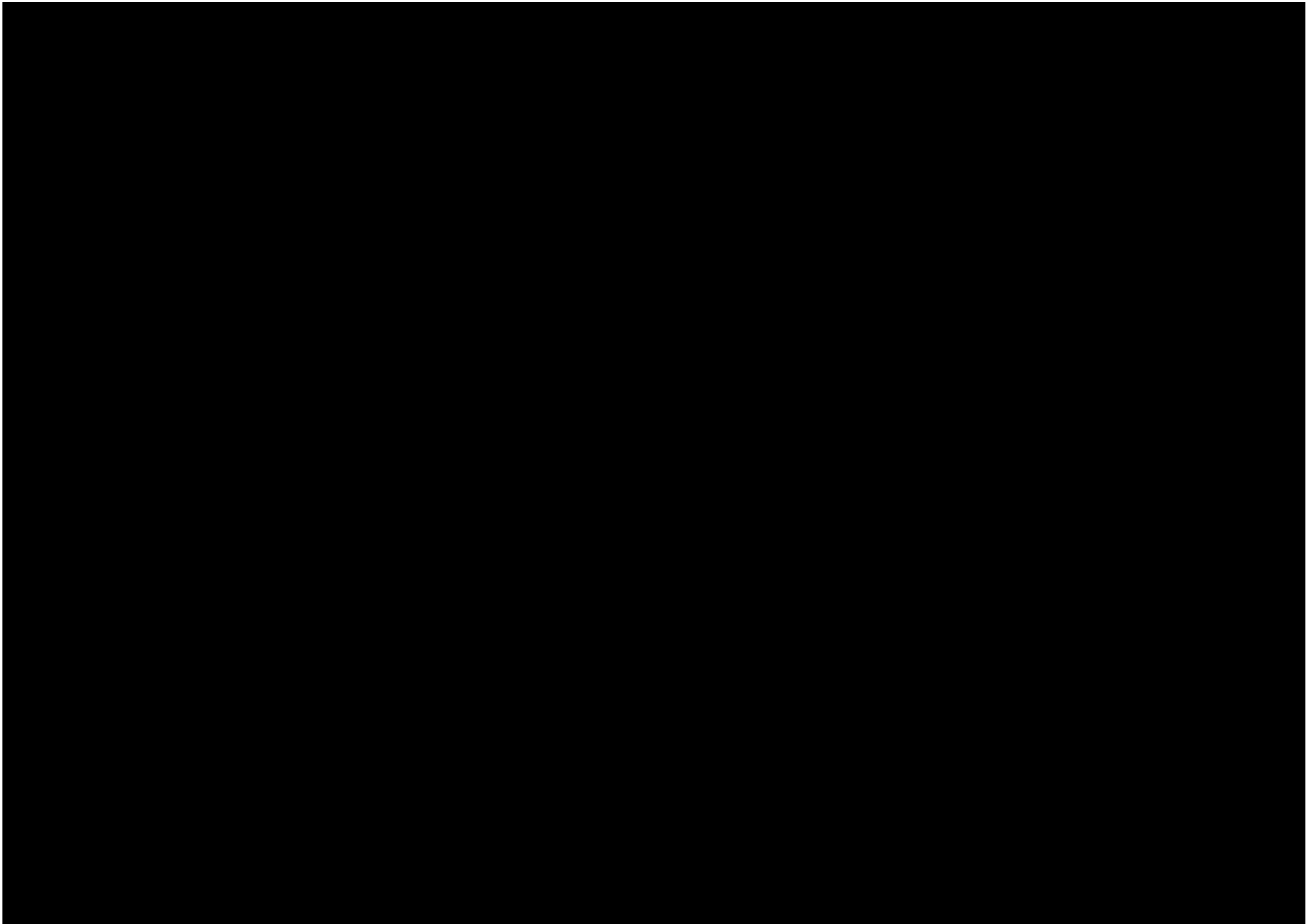
maxtec


The Best Industrial
Linear Module Manufacturer



maxtec
集智股份有限公司

新北市深坑區北深路三段141巷21號3F
3F, No.21, Lane 141, Sec 3, Beishong Rd.
Shenkeng District, New Taipei City, Taiwan
TEL: 886-2-8662-6588 | FAX: 886-2-8662-6589
www.maxtec-inc.com | sales@maxtec-inc.com





High Capacity Loads
Detailed Precision
Low Decibel Output
High Speed Efficiency

This smart and versatile model is the complete solution for any of your designs. Highest performance with minimum maintenance.

maxtec

The Best Industrial Linear Module Manufacturer

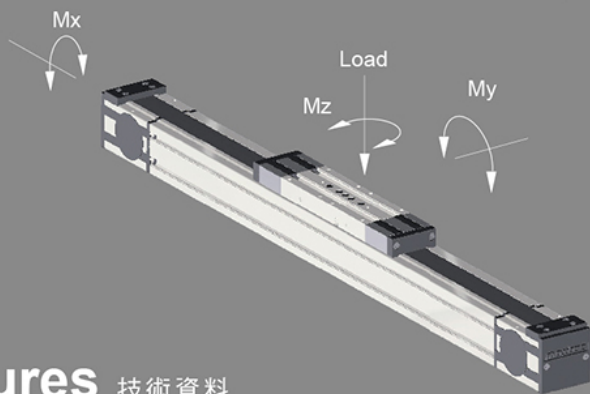
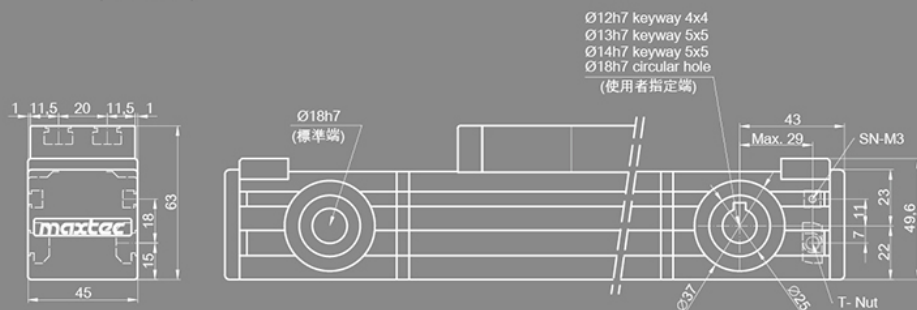
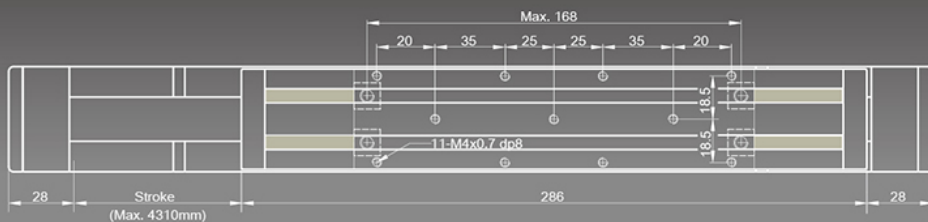


極致 · 趨勢

TRANSCENDENCE

K Series Linear Modules

> K46-M 12mm miniature linear guide rail with two runner blocks inside

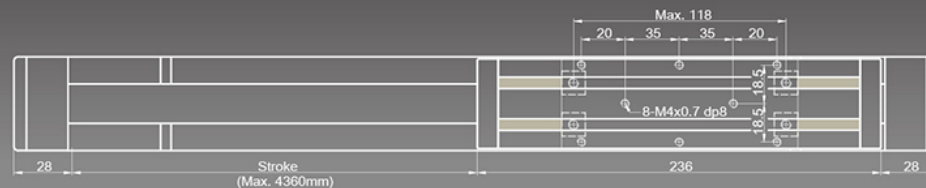


> Features 技術資料

Max. speed	最快速度	3 m/s
Dynamic Load	動額定負荷	1160 N
Pitch diameter	心線距離	31.8 mm
Moment of inertia Iy	Y方向慣性	16.1 cm ⁴
Moment of inertia Iz	Z方向慣性	17.6 cm ⁴
Dynamic Torque	Mx動力矩	6.66 Nm
Dynamic Torque	My動力矩	13.8 Nm
Dynamic Torque	Mz動力矩	13.8 Nm

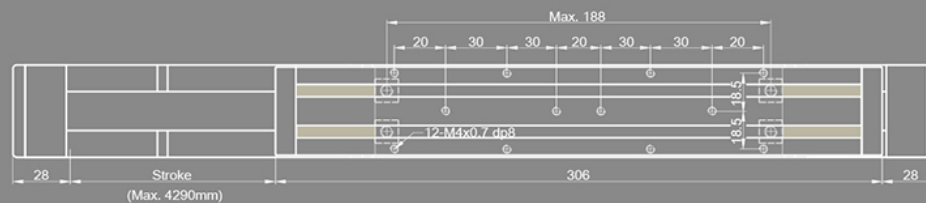
Weight of unit with stroke zero	基本重量	2 kg
Weight of unit per meter stroke	每公尺行程增加重量	3.2 kg
Max. belt tractive force	皮帶最大拉力	635 N
Stroke for shaft revolution	每圈行程	100 mm
Moment of inertia 0-stroke axis	軸向轉動慣性	2.22 kgcm ²
Moment of inertia per kg load	負載重量慣性	2.53 kgcm ² /kg
Moment of inertia per M stroke	單位長度慣性	0.21 kgcm ² /M
Standard starting loadless torque	無負載啟動扭矩	0.3 Nm

> K46-S 12mm miniature linear guide rail with one runner block inside



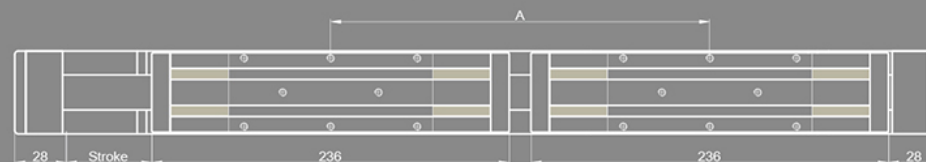
Weight of unit with stroke zero	基本重量	1.7 Kg	Dynamic Torque	Mx動力矩	3.7 Nm
Standard starting loadless torque	無負載啟動扭矩	0.18 Nm	Dynamic Torque	My動力矩	2 Nm
Dynamic Load	動額定負荷	580 N	Dynamic Torque	Mz動力矩	2 Nm

> K46-L 12mm miniature linear guide rail with two runner blocks inside



Weight of unit with stroke zero	基本重量	2.1 Kg	Dynamic Torque	Mx動力矩	6.66 Nm
Standard starting loadless torque	無負載啟動扭矩	0.3 Nm	Dynamic Torque	My動力矩	19.3 Nm
Dynamic Load	動額定負荷	1160 N	Dynamic Torque	Mz動力矩	19.3 Nm

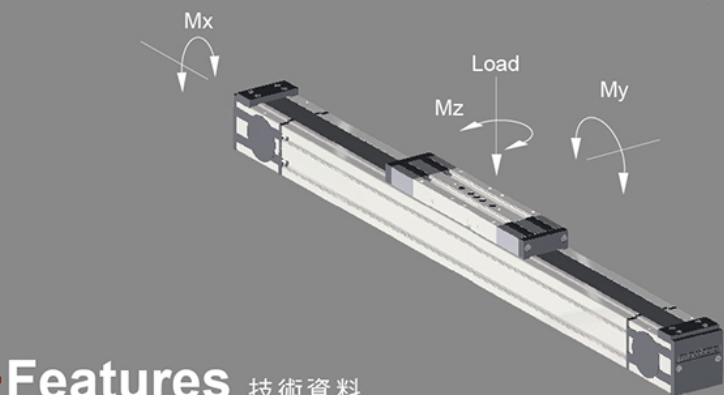
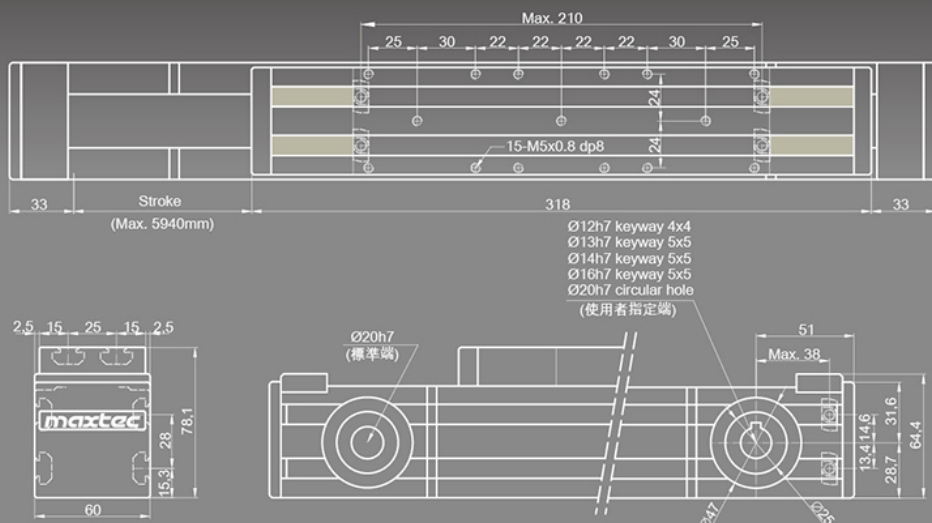
> K46-D 12mm miniature linear guide rail with one runner block each inside



滑台中心距離 "A" 最小長度為258mm，最大長度為4100mm（此時行程為0）。即當 "A" 為258mm時，最大行程為4100mm。

Weight of unit with stroke zero	基本重量	2.9 Kg	Dynamic Torque	Mx動力矩	6.66 Nm
Standard starting loadless torque	無負載啟動扭矩	0.3 Nm	Dynamic Torque	My動力矩	71~1131 Nm
Dynamic Load	動額定負荷	1160 N	Dynamic Torque	Mz動力矩	71~1131 Nm

> K60-M 15mm linear guide rail with two runner blocks inside



> Features 技術資料

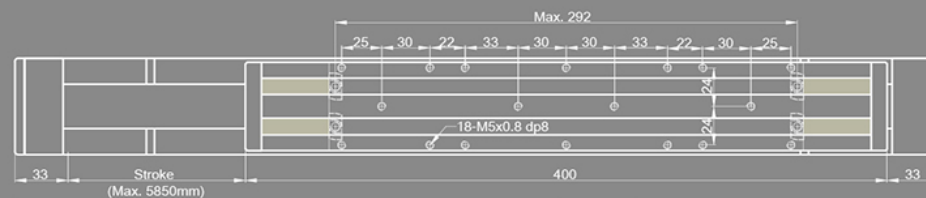
Max. speed	最快速度	3 m/s	Weight of unit with stroke zero	基本重量	4.1 kg
Dynamic Load	動額定負荷	3132 N	Weight of unit per meter stroke	每公尺行程增加重量	5.5 kg
Pitch diameter	心線距離	44.6 mm	Max. belt tractive force	皮帶最大拉力	1330 N
Moment of inertia Iy	Y方向慣性	44.6 cm ⁴	Stroke for shaft revolution	每圈行程	140 mm
Moment of inertia Iz	Z方向慣性	51.1 cm ⁴	Moment of inertia 0-stroke axis	軸向轉動慣性	8.7 kgcm ²
Dynamic Torque	Mx動力矩	22.9 Nm	Moment of inertia per kg load	負載重量慣性	4.97 kgcm ² /kg
Dynamic Torque	My動力矩	87.4 Nm	Moment of inertia per M stroke	單位長度慣性	0.74 kgcm ² /M
Dynamic Torque	Mz動力矩	87.4 Nm	Standard starting loadless torque	無負載啟動扭矩	0.7 Nm

> K60-S 15mm linear guide rail with one runner block inside



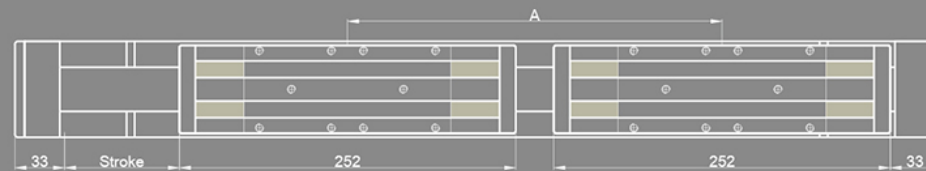
Weight of unit with stroke zero	基本重量	3.3 kg	Dynamic Torque	Mx動力矩	12.7 Nm
Standard starting loadless torque	無負載啟動扭矩	0.5 Nm	Dynamic Torque	My動力矩	9.6 Nm
Dynamic Load	動額定負荷	1566 N	Dynamic Torque	Mz動力矩	9.6 Nm

> K60-L 15mm linear guide rail with two runner blocks inside



Weight of unit with stroke zero	基本重量	4.7 kg	Dynamic Torque	Mx動力矩	22.9 Nm
Standard starting loadless torque	無負載啟動扭矩	0.7 Nm	Dynamic Torque	My動力矩	196 Nm
Dynamic Load	動額定負荷	3132 N	Dynamic Torque	Mz動力矩	196 Nm

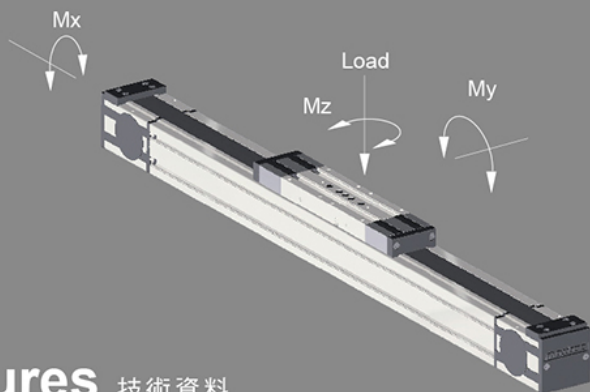
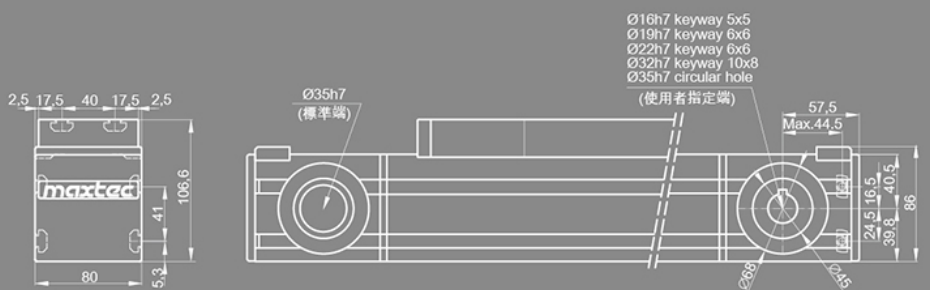
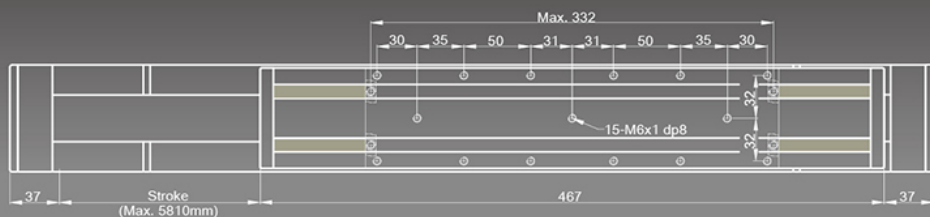
> K60-D 15mm linear guide rail with one runner block each inside



滑台中心距離 "A" 最小長度為302mm，最大長度為5700mm（此時行程為0）。即當 "A" 為302mm時，最大行程為5700mm。

Weight of unit with stroke zero	基本重量	5.9 kg	Dynamic Torque	Mx動力矩	22.9 Nm
Standard starting loadless torque	無負載啟動扭矩	0.7 Nm	Dynamic Torque	My動力矩	401~6243 Nm
Dynamic Load	動額定負荷	3132 N	Dynamic Torque	Mz動力矩	401~6243 Nm

> K80-M 25mm linear guide rail with two runner blocks inside



Ø16h7 keyway 5x5
 Ø19h7 keyway 6x6
 Ø22h7 keyway 6x6
 Ø32h7 keyway 10x8
 Ø35h7 circular hole

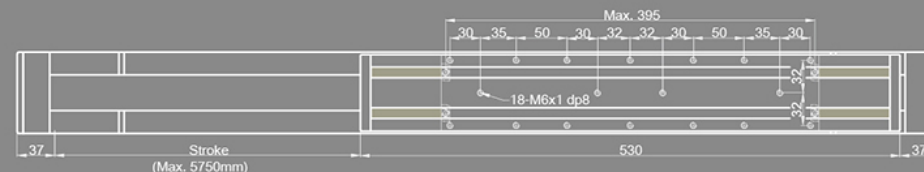
(使用者指定端)

> K80-S 25mm linear guide rail with one runner block inside



Weight of unit with stroke zero	基本重量	7.9 kg	Dynamic Torque Mx動力矩	38 Nm
Standard starting loadless torque	無負載啟動扭矩	2.1 Nm	Dynamic Torque My動力矩	32 Nm
Dynamic Load	動額定負荷	3254 N	Dynamic Torque Mz動力矩	32 Nm

> K80-L 25mm linear guide rail with two runner blocks inside

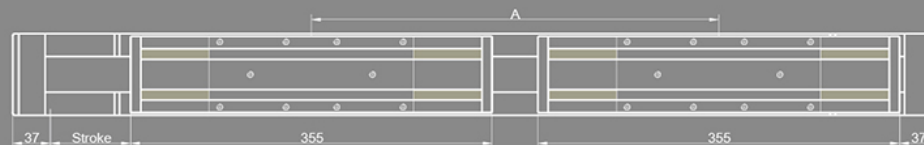


Weight of unit with stroke zero	基本重量	11 kg	Dynamic Torque Mx動力矩	72.2 Nm
Standard starting loadless torque	無負載啟動扭矩	2.4 Nm	Dynamic Torque My動力矩	556 Nm
Dynamic Load	動額定負荷	6508 N	Dynamic Torque Mz動力矩	556 Nm

> Features 技術資料

Max. speed	最快速度	3 m/s	Weight of unit with stroke zero	基本重量	10.2 kg
Dynamic Load	動額定負荷	6508 N	Weight of unit per meter stroke	每公尺行程增加重量	9.3 kg
Pitch diameter	心線距離	66.2 mm	Max. belt tractive force	皮帶最大拉力	4510 N
Moment of inertia Iy	Y方向慣性	138 cm ⁴	Stroke for shaft revolution	每圈行程	208 mm
Moment of inertia Iz	Z方向慣性	196.5 cm ⁴	Moment of inertia 0-stroke axis	軸向轉動慣性	54.89 kgcm ²
Dynamic Torque	Mx動力矩	72.2 Nm	Moment of inertia per kg load	負載重量慣性	10.96 kgcm ² /kg
Dynamic Torque	My動力矩	352 Nm	Moment of inertia per M stroke	單位長度慣性	4.05 kgcm ² /M
Dynamic Torque	Mz動力矩	352 Nm	Standard starting loadless torque	無負載啟動扭矩	2.4 Nm

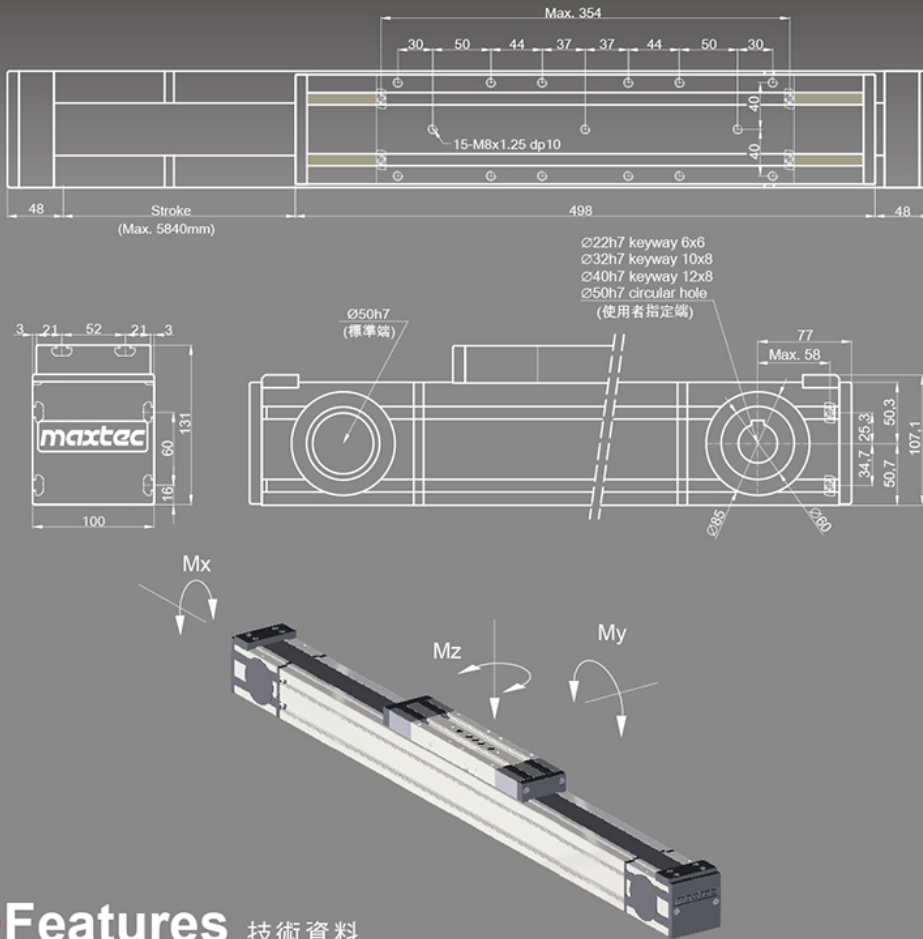
> K80-D 25mm linear guide rail with one runner block each inside



滑台中心距離 "A" 最小長度為430mm，最大長度為5500mm（此時行程為0）。即當 "A" 為430mm時，最大行程為5500mm。

Weight of unit with stroke zero	基本重量	14 kg	Dynamic Torque Mx動力矩	72.2 Nm
Standard starting loadless torque	無負載啟動扭矩	2.4 Nm	Dynamic Torque My動力矩	1376~14400 Nm
Dynamic Load	動額定負荷	6508 N	Dynamic Torque Mz動力矩	1376~14400 Nm

> K100-M 30mm linear guide rail with two runner blocks inside

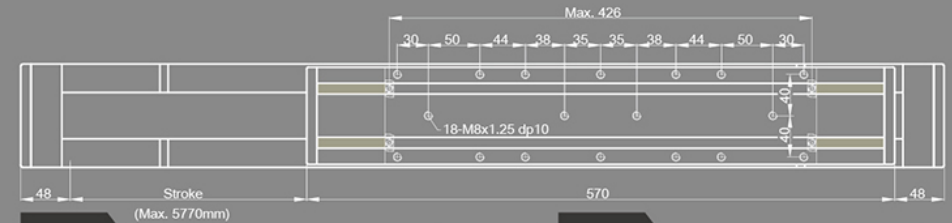


> K100-S 30mm linear guide rail with one runner block inside



Weight of unit with stroke zero	基本重量	13.3 kg	Dynamic Torque Mx動力矩	68 Nm
Standard starting loadless torque	無負載啟動扭矩	3.4 Nm	Dynamic Torque My動力矩	55 Nm
Dynamic Load	動額定負荷	4740 N	Dynamic Torque Mz動力矩	55 Nm

> K100-L 30mm linear guide rail with two runner blocks inside

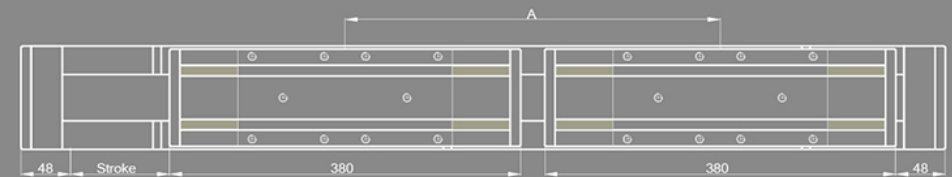


Weight of unit with stroke zero	基本重量	18.4 kg	Dynamic Torque Mx動力矩	130 Nm
Standard starting loadless torque	無負載啟動扭矩	3.9 Nm	Dynamic Torque My動力矩	1045 Nm
Dynamic Load	動額定負荷	9480 N	Dynamic Torque Mz動力矩	1045 Nm

> Features 技術資料

Max. speed	最快速度	3 m/s	Weight of unit with stroke zero	基本重量	17 kg
Dynamic Load	動額定負荷	9480 N	Weight of unit per meter stroke	每公尺行程增加重量	13.6 kg
Pitch diameter	心線距離	81.5 mm	Max. belt tractive force	皮帶最大拉力	6074 N
Moment of inertia Iy Y方向慣性		332 cm ⁴	Stroke for shaft revolution	每圈行程	256 mm
Moment of inertia Iz Z方向慣性		363.5 cm ⁴	Moment of inertia 0-stroke axis	軸向轉動慣性	129.03 kgcm ²
Dynamic Torque Mx動力矩		130 Nm	Moment of inertia per kg load	負載重量慣性	16.61 kgcm ² /kg
Dynamic Torque My動力矩		638 Nm	Moment of inertia per M stroke	單位長度慣性	8.22 kgcm ² /M
Dynamic Torque Mz動力矩		638 Nm	Standard starting loadless torque	無負載啟動扭矩	3.9 Nm

> K100-D 30mm linear guide rail with one runner block each inside



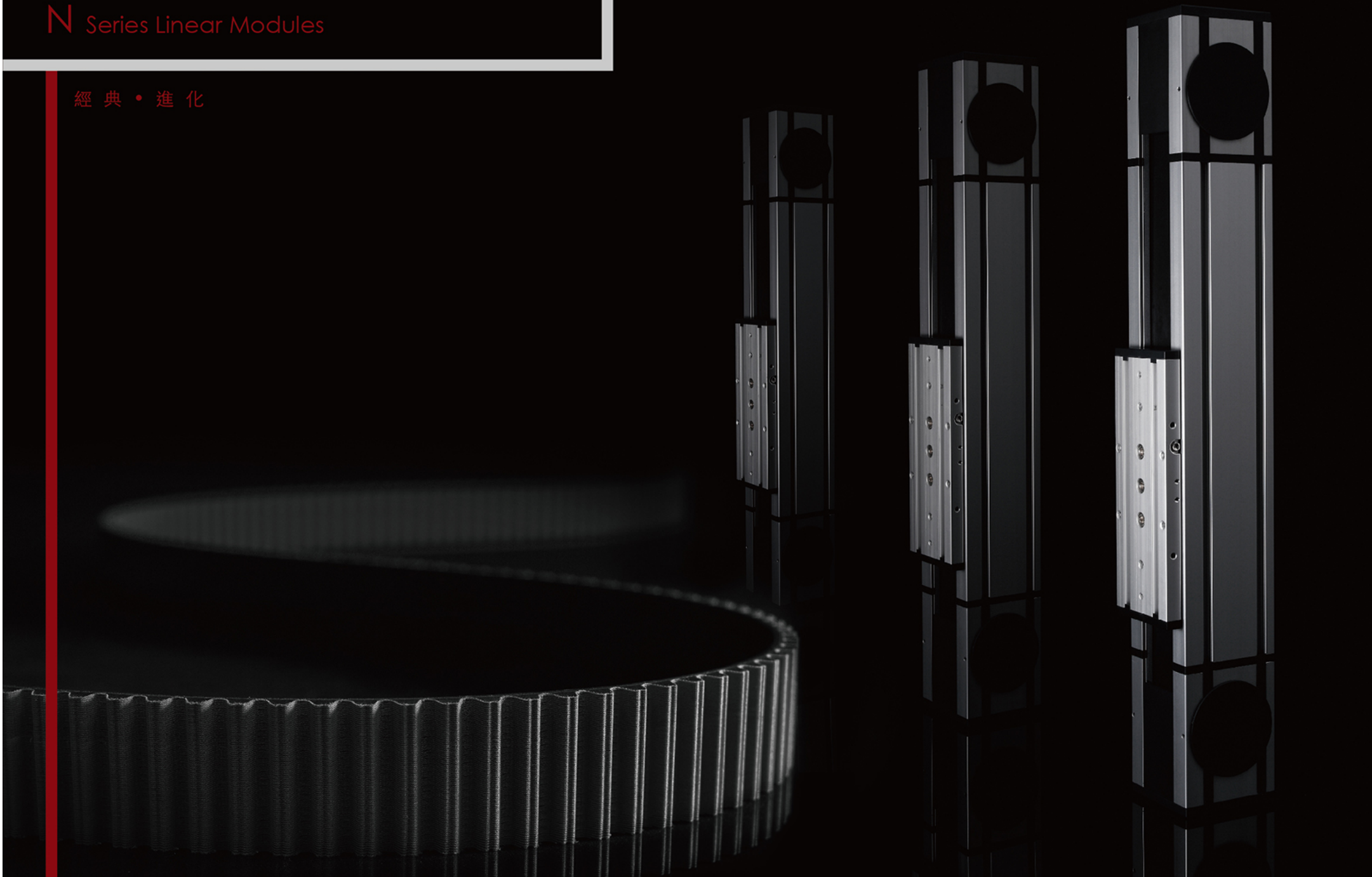
滑台中心距離 "A" 最小長度為570mm，最大長度為5200mm（此時行程為0）。即當 "A" 為570mm時，最大行程為5200mm。

Weight of unit with stroke zero	基本重量	24.9 kg	Dynamic Torque Mx動力矩	130 Nm
Standard starting loadless torque	無負載啟動扭矩	3.9 Nm	Dynamic Torque My動力矩	3135~20295 Nm
Dynamic Load	動額定負荷	9480 N	Dynamic Torque Mz動力矩	3135~20295 Nm

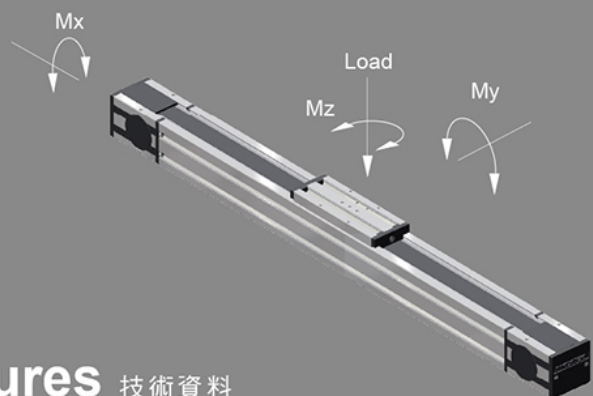
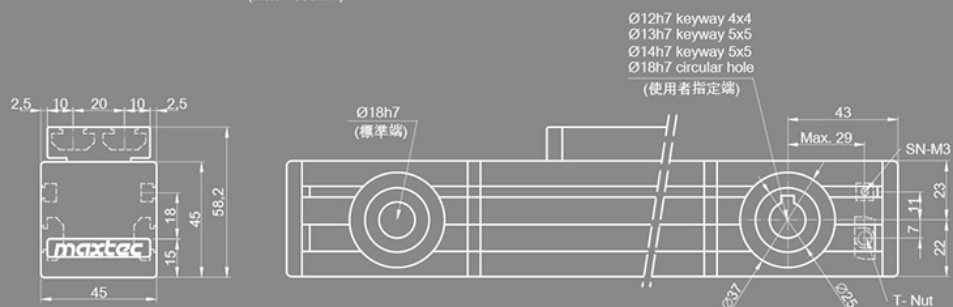
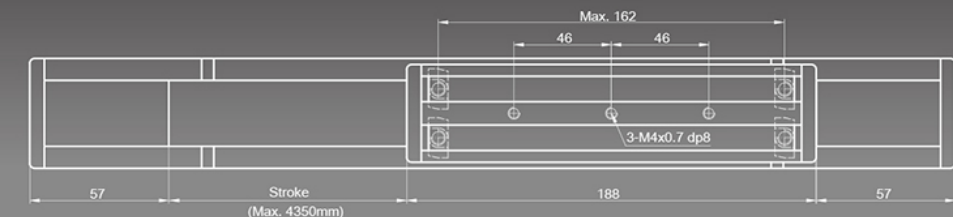
CLASSICEVOLUTION

N Series Linear Modules

經典 · 進化



> N46-M 12mm miniature linear guide rail with two runner blocks inside

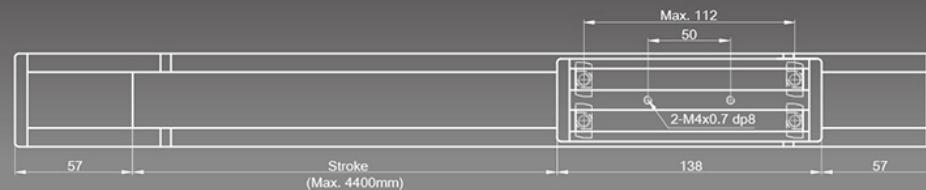


> Features 技術資料

Max. speed	最快速度	3 m/s
Dynamic Load	動額定負荷	1160 N
Pitch diameter	心線距離	31.8 mm
Moment of inertia Iy	Y方向慣性	16.2 cm ⁴
Moment of inertia Iz	Z方向慣性	18.9 cm ⁴
Dynamic Torque	Mx動力矩	6.66 Nm
Dynamic Torque	My動力矩	13.8 Nm
Dynamic Torque	Mz動力矩	13.8 Nm

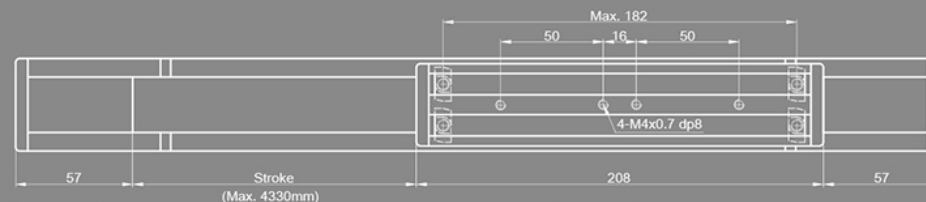
Weight of unit with stroke zero	基本重量	1.6 kg
Weight of unit per meter stroke	每公尺行程增加重量	3 kg
Max. belt tractive force	皮帶最大拉力	635 N
Stroke for shaft revolution	每圈行程	100 mm
Moment of inertia 0-stroke axis	軸向轉動慣性	1.34 kgcm ²
Moment of inertia per kg load	負載重量慣性	2.53 kgcm ² /kg
Moment of inertia per M stroke	單位長度慣性	0.21 kgcm ² /M
Standard starting loadless torque	無負載啟動扭矩	0.2 Nm

> N46-S 12mm miniature linear guide rail with one runner block inside



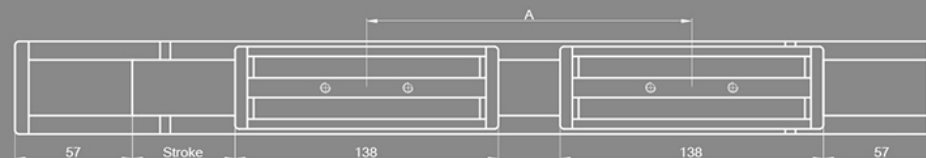
Weight of unit with stroke zero	基本重量	1.3 Kg	Dynamic Torque	Mx動力矩	3.7 Nm
Standard starting loadless torque	無負載啟動扭矩	0.15 Nm	Dynamic Torque	My動力矩	2 Nm
Dynamic Load	動額定負荷	580 N	Dynamic Torque	Mz動力矩	2 Nm

> N46-L 12mm miniature linear guide rail with two runner blocks inside



Weight of unit with stroke zero	基本重量	1.7 Kg	Dynamic Torque	Mx動力矩	6.66 Nm
Standard starting loadless torque	無負載啟動扭矩	0.2 Nm	Dynamic Torque	My動力矩	19.3 Nm
Dynamic Load	動額定負荷	1160 N	Dynamic Torque	Mz動力矩	19.3 Nm

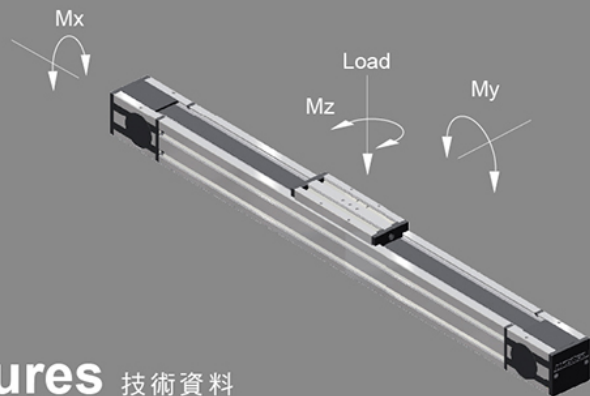
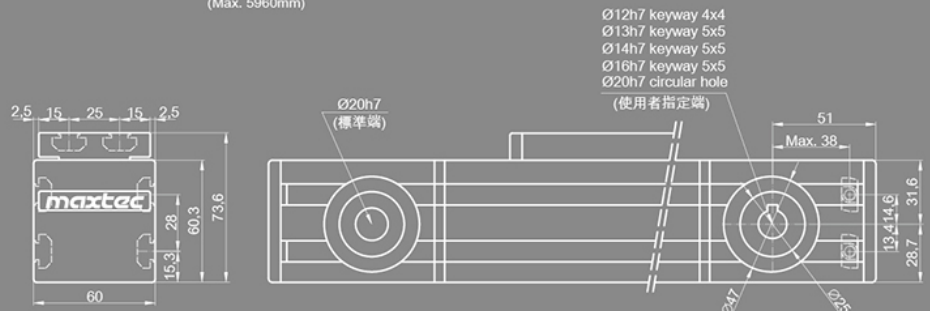
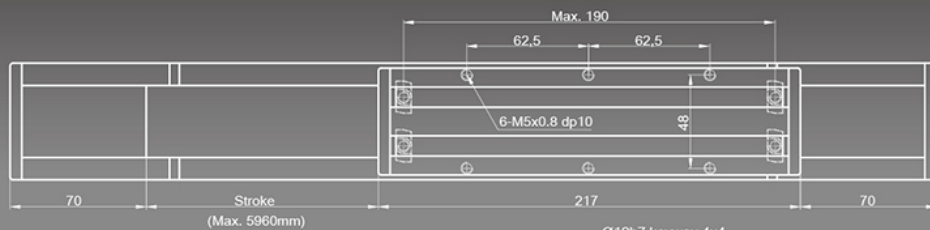
> N46-D 12mm miniature linear guide rail with one runner block each inside



滑台中心距離 "A" 最小長度為208mm，最大長度為4150mm（此時行程為0）。即當 "A" 為208mm時，最大行程為4150mm。

Weight of unit with stroke zero	基本重量	2.2 Kg	Dynamic Torque	Mx動力矩	6.66 Nm
Standard starting loadless torque	無負載啟動扭矩	0.2 Nm	Dynamic Torque	My動力矩	71~1131 Nm
Dynamic Load	動額定負荷	1160 N	Dynamic Torque	Mz動力矩	71~1131 Nm

> N60-M 15mm linear guide rail with two runner blocks inside



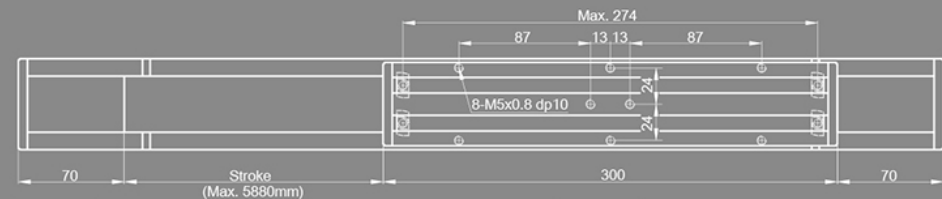
Ø12h7 keyway 4x4
 Ø13h7 keyway 5x5
 Ø14h7 keyway 5x5
 Ø16h7 keyway 5x5
 Ø20h7 circular hole
 (使用者指定端)

> N60-S 15mm linear guide rail with one runner block inside



Weight of unit with stroke zero	基本重量	2.6 kg	Dynamic Torque Mx動力矩	12.7 Nm
Standard starting loadless torque	無負載啟動扭矩	0.4 Nm	Dynamic Torque My動力矩	9.6 Nm
Dynamic Load	動額定負荷	1566 N	Dynamic Torque Mz動力矩	9.6 Nm

> N60-L 15mm linear guide rail with two runner blocks inside

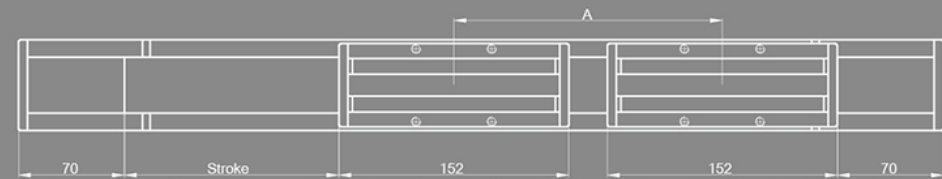


Weight of unit with stroke zero	基本重量	3.9 kg	Dynamic Torque Mx動力矩	22.9 Nm
Standard starting loadless torque	無負載啟動扭矩	0.6 Nm	Dynamic Torque My動力矩	196 Nm
Dynamic Load	動額定負荷	3132 N	Dynamic Torque Mz動力矩	196 Nm

> Features 技術資料

Max. speed	最快速度	3 m/s	Weight of unit with stroke zero	基本重量	3.4 kg
Dynamic Load	動額定負荷	3132 N	Weight of unit per meter stroke	每公尺行程增加重量	5.1 kg
Pitch diameter	心線距離	44.6 mm	Max. belt tractive force	皮帶最大拉力	1330 N
Moment of inertia Iy Y方向慣性		49.7 cm ⁴	Stroke for shaft revolution	每圈行程	140 mm
Moment of inertia Iz Z方向慣性		56.7 cm ⁴	Moment of inertia 0-stroke axis	軸向轉動慣性	6.66 kgcm ²
Dynamic Torque Mx動力矩		22.9 Nm	Moment of inertia per kg load	負載重量慣性	4.97 kgcm ² /kg
Dynamic Torque My動力矩		87.4 Nm	Moment of inertia per M stroke	單位長度慣性	0.74 kgcm ² /M
Dynamic Torque Mz動力矩		87.4 Nm	Standard starting loadless torque	無負載啟動扭矩	0.6 Nm

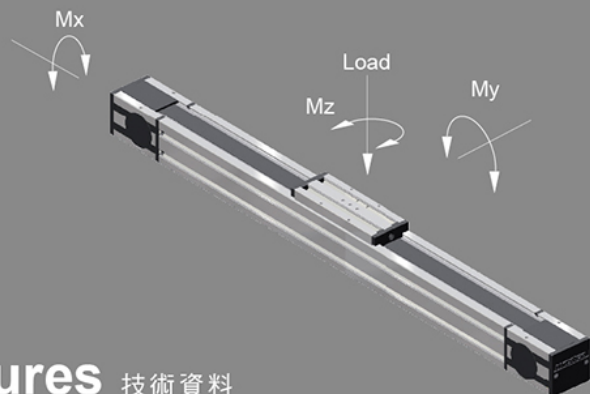
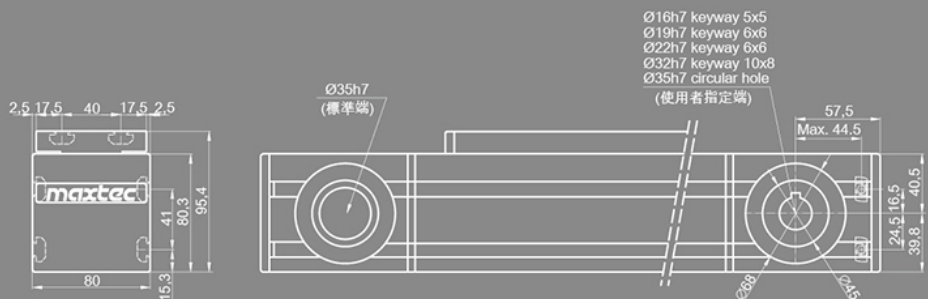
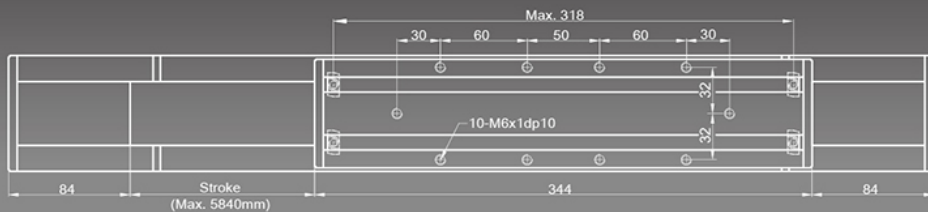
> N60-D 15mm linear guide rail with one runner block each inside



滑台中心距離 "A" 最小長度為252mm，最大長度為5780mm（此時行程為0）。即當 "A" 為252mm時，最大行程為5780mm。

Weight of unit with stroke zero	基本重量	4.6 kg	Dynamic Torque Mx動力矩	22.9 Nm
Standard starting loadless torque	無負載啟動扭矩	0.6 Nm	Dynamic Torque My動力矩	401~6243 Nm
Dynamic Load	動額定負荷	3132 N	Dynamic Torque Mz動力矩	401~6243 Nm

> N80-M 25mm linear guide rail with two runner blocks inside



> Features 技術資料

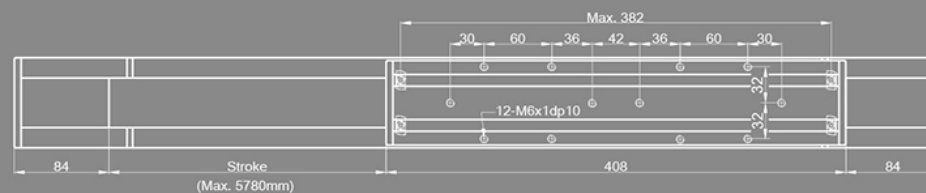
Max. speed	最快速度	3 m/s	Weight of unit with stroke zero	基本重量	9.3 kg
Dynamic Load	動額定負荷	6508 N	Weight of unit per meter stroke	每公尺行程增加重量	10 kg
Pitch diameter	心線距離	66.2 mm	Max. belt tractive force	皮帶最大拉力	4510 N
Moment of inertia Iy	Y方向慣性	146.4 cm ⁴	Stroke for shaft revolution	每圈行程	208 mm
Moment of inertia Iz	Z方向慣性	183.8 cm ⁴	Moment of inertia 0-stroke axis	軸向轉動慣性	42.73 kgcm ²
Dynamic Torque	Mx動力矩	72.2 Nm	Moment of inertia per kg load	負載重量慣性	10.96 kgcm ² /kg
Dynamic Torque	My動力矩	352 Nm	Moment of inertia per M stroke	單位長度慣性	4.05 kgcm ² /M
Dynamic Torque	Mz動力矩	352 Nm	Standard starting loadless torque	無負載啟動扭矩	2.4 Nm

> N80-S 25mm linear guide rail with one runner block inside



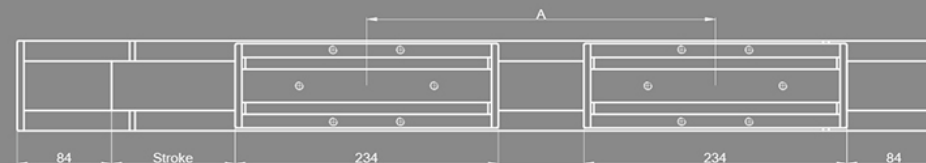
Weight of unit with stroke zero	基本重量	7.1 kg	Dynamic Torque	Mx動力矩	38 Nm
Standard starting loadless torque	無負載啟動扭矩	1.9 Nm	Dynamic Torque	My動力矩	32 Nm
Dynamic Load	動額定負荷	3254 N	Dynamic Torque	Mz動力矩	32 Nm

> N80-L 25mm linear guide rail with two runner blocks inside



Weight of unit with stroke zero	基本重量	10.1 kg	Dynamic Torque	Mx動力矩	72.2 Nm
Standard starting loadless torque	無負載啟動扭矩	2.4 Nm	Dynamic Torque	My動力矩	556 Nm
Dynamic Load	動額定負荷	6508 N	Dynamic Torque	Mz動力矩	556 Nm

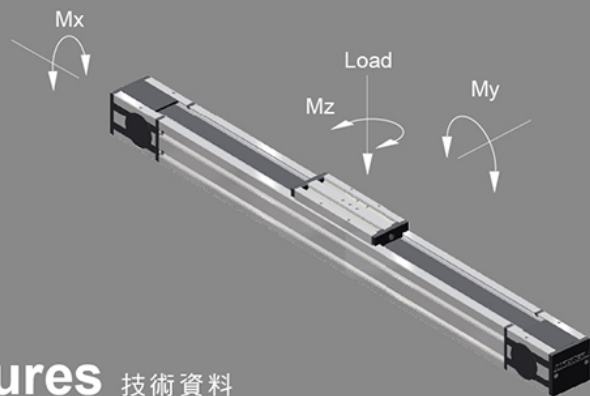
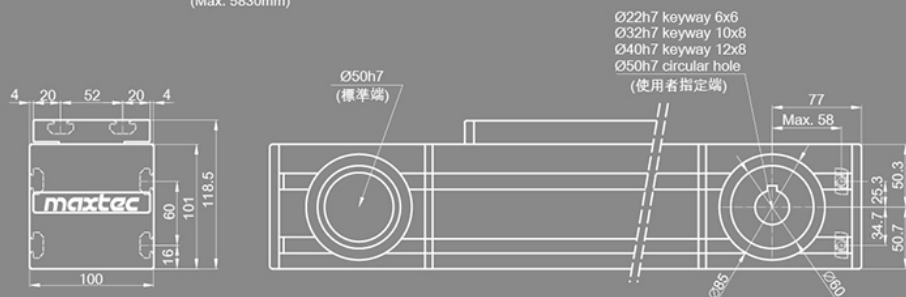
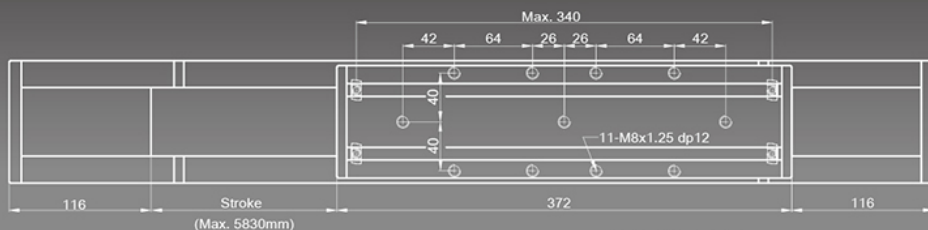
> N80-D 25mm linear guide rail with one runner block each inside



滑台中心距離 "A" 最小長度為370mm，最大長度為5580mm（此時行程為0）。即當 "A" 為370mm時，最大行程為5580mm。

Weight of unit with stroke zero	基本重量	12.3 kg	Dynamic Torque	Mx動力矩	72.2 Nm
Standard starting loadless torque	無負載啟動扭矩	2.4 Nm	Dynamic Torque	My動力矩	1376~14400 Nm
Dynamic Load	動額定負荷	6508 N	Dynamic Torque	Mz動力矩	1376~14400 Nm

> N100-M 30mm linear guide rail with two runner blocks inside

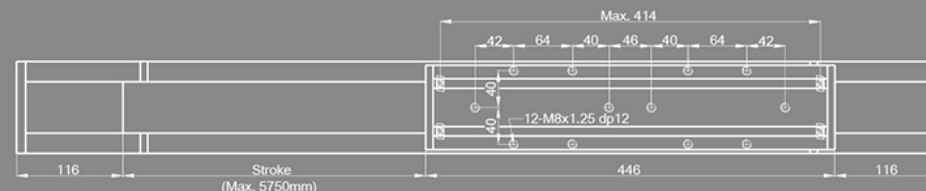


> N100-S 30mm linear guide rail with one runner block inside



Weight of unit with stroke zero	基本重量	11.8 kg	Dynamic Torque	Mx動力矩	68 Nm
Standard starting loadless torque	無負載啟動扭矩	3.2 Nm	Dynamic Torque	My動力矩	55 Nm
Dynamic Load	動額定負荷	4740 N	Dynamic Torque	Mz動力矩	55 Nm

> N100-L 30mm linear guide rail with two runner blocks inside

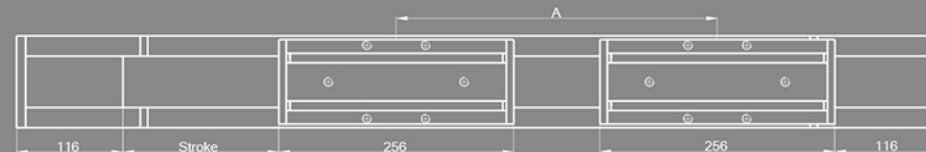


Weight of unit with stroke zero	基本重量	16.8 kg	Dynamic Torque	Mx動力矩	130 Nm
Standard starting loadless torque	無負載啟動扭矩	3.6 Nm	Dynamic Torque	My動力矩	1045 Nm
Dynamic Load	動額定負荷	9480 N	Dynamic Torque	Mz動力矩	1045 Nm

> Features 技術資料

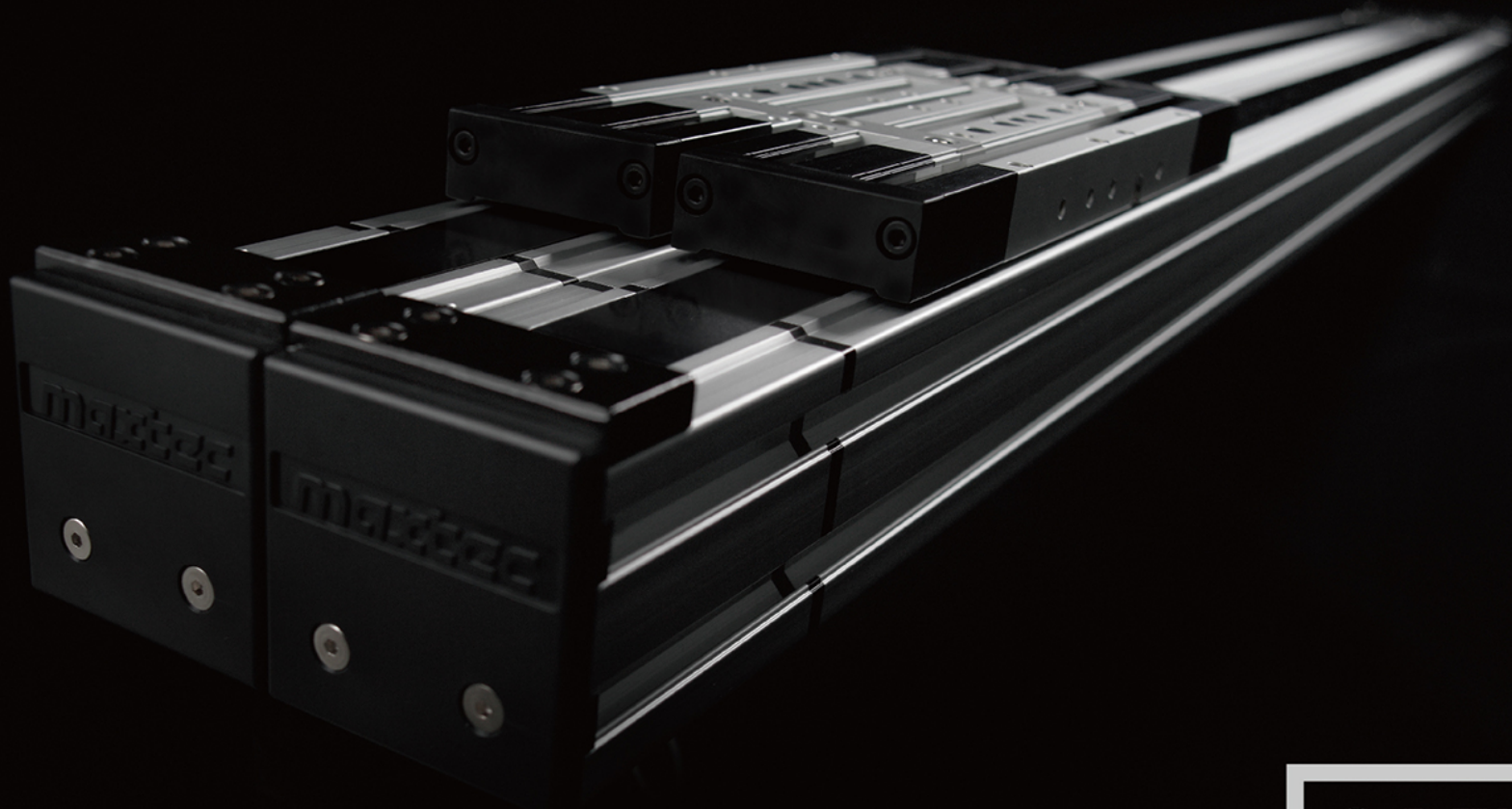
Max. speed	最快速度	3 m/s	Weight of unit with stroke zero	基本重量	15.4 kg
Dynamic Load	動額定負荷	9480 N	Weight of unit per meter stroke	每公尺行程增加重量	13.9 kg
Pitch diameter	心線距離	81.5 mm	Max. belt tractive force	皮帶最大拉力	6074 N
Moment of inertia Iy	Y方向慣性	311.6 cm ⁴	Stroke for shaft revolution	每圈行程	256 mm
Moment of inertia Iz	Z方向慣性	372.3 cm ⁴	Moment of inertia 0-stroke axis	軸向轉動慣性	107.11 kgcm ²
Dynamic Torque	Mx動力矩	130 Nm	Moment of inertia per kg load	負載重量慣性	16.61 kgcm ² /kg
Dynamic Torque	My動力矩	638 Nm	Moment of inertia per M stroke	單位長度慣性	8.22 kgcm ² /M
Dynamic Torque	Mz動力矩	638 Nm	Standard starting loadless torque	無負載啟動扭矩	3.6 Nm

> N100-D 30mm linear guide rail with one runner block each inside



滑台中心距離 "A" 最小長度為510mm，最大長度為5400mm（此時行程為0）。即當 "A" 為510mm時，最大行程為5400mm。

Weight of unit with stroke zero	基本重量	21.5 kg	Dynamic Torque	Mx動力矩	130 Nm
Standard starting loadless torque	無負載啟動扭矩	3.6 Nm	Dynamic Torque	My動力矩	3135~20295 Nm
Dynamic Load	動額定負荷	9480 N	Dynamic Torque	Mz動力矩	3135~20295 Nm

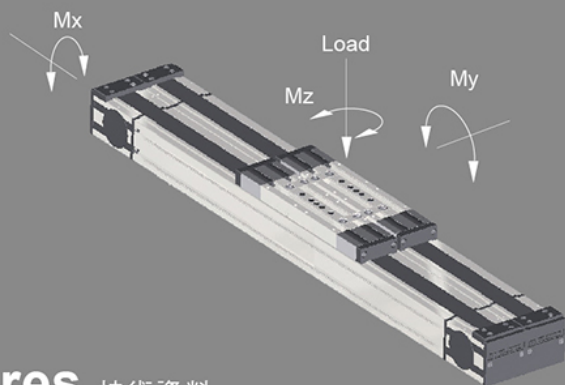
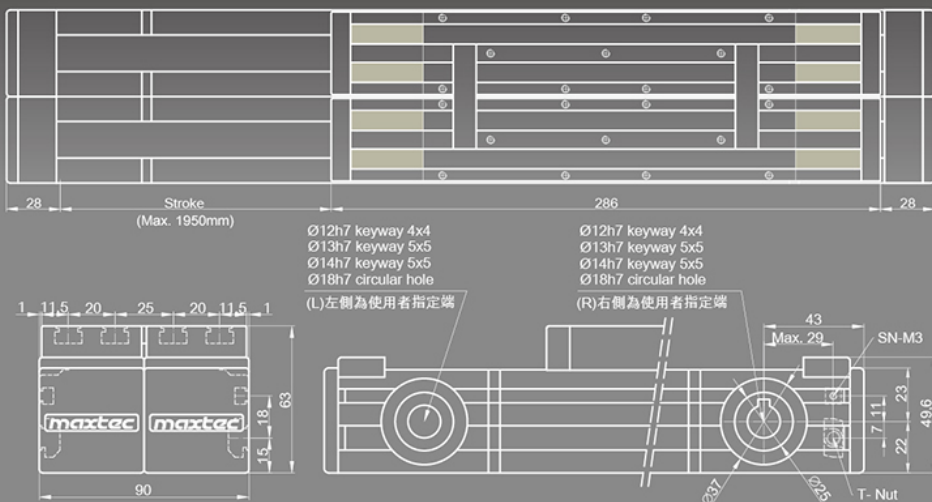


重負載

OPTIMALLY-
LOADED
CAPACITY

H Series Linear Modules

> H90-M Two 12mm linear guides rail with four runner blocks inside

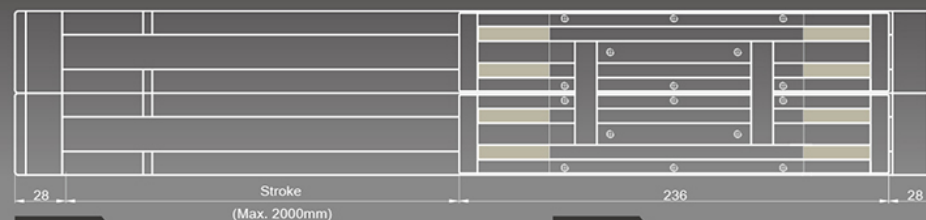


> Features 技術資料

Max. speed	最快速度	3 m/s
Dynamic Load	動額定負荷	2320 N
Pitch diameter	心線距離	31.8 mm
Moment of inertia Iy	Y方向慣性	25.8 cm ⁴
Moment of inertia Iz	Z方向慣性	31.7 cm ⁴
Dynamic Torque	Mx動力矩	20.9 Nm
Dynamic Torque	My動力矩	24.8 Nm
Dynamic Torque	Mz動力矩	43.5 Nm

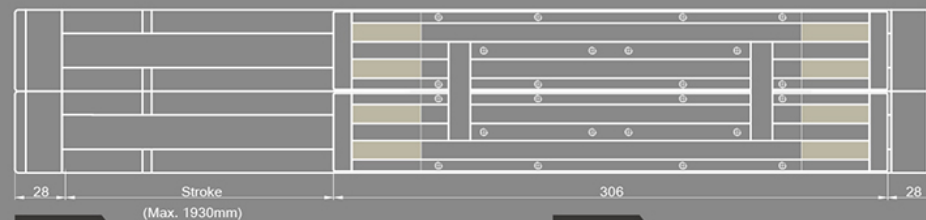
Weight of unit with stroke zero	基本重量	3.7 kg
Weight of unit per meter stroke	每公尺行程增加重量	6.5 kg
Max. belt tractive force	皮帶最大拉力	635 N
Stroke for shaft revolution	每圈行程	100 mm
Moment of inertia 0-stroke axis	軸向轉動慣性	3.98 kgcm ²
Moment of inertia per kg load	負載重量慣性	2.53 kgcm ² /kg
Moment of inertia per M stroke	單位長度慣性	0.21 kgcm ² /M
Standard starting loadless torque	無負載啟動扭矩	0.4 Nm

> H90-S Two 12mm linear guides rail with two runner blocks inside



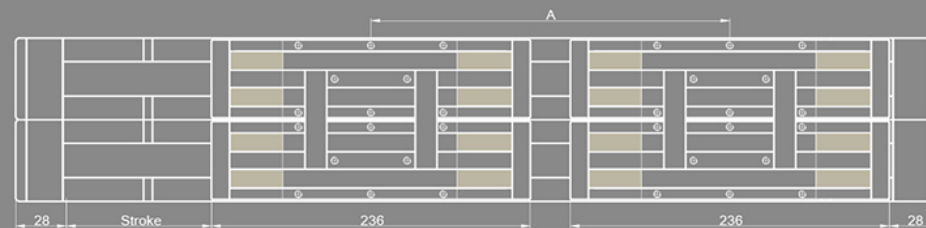
Weight of unit with stroke zero	基本重量	3.2 kg	Dynamic Torque	Mx動力矩	11.6 Nm
Standard starting loadless torque	無負載啟動扭矩	0.28 Nm	Dynamic Torque	My動力矩	3.6 Nm
Dynamic Load	動額定負荷	1160 N	Dynamic Torque	Mz動力矩	6.3 Nm

> H90-L Two 12mm linear guides rail with four runner blocks inside



Weight of unit with stroke zero	基本重量	3.9 kg	Dynamic Torque	Mx動力矩	20.9 Nm
Standard starting loadless torque	無負載啟動扭矩	0.4 Nm	Dynamic Torque	My動力矩	34.7 Nm
Dynamic Load	動額定負荷	2320 N	Dynamic Torque	Mz動力矩	60.8 Nm

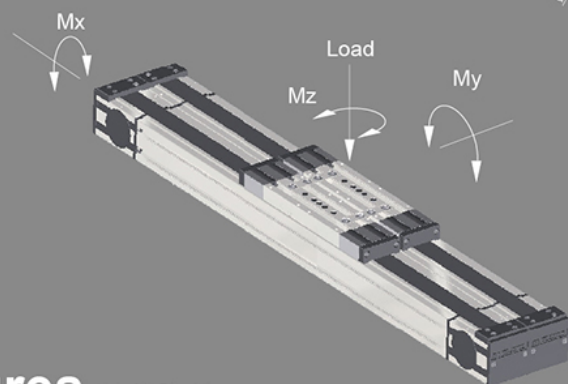
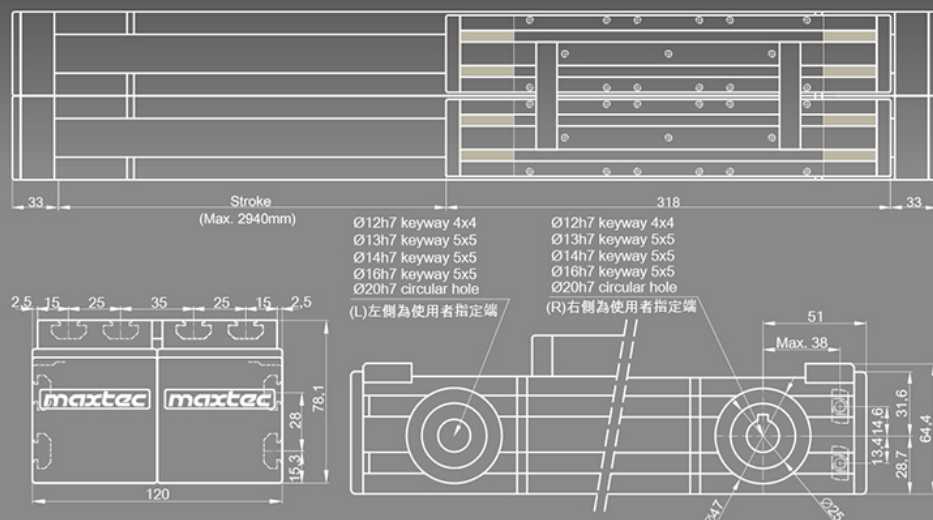
> H90-D Two 12mm linear guides rail with two runner blocks each inside



滑台中心距離 "A" 最小長度為258mm，最大長度為1750mm（此時行程為0）。即當 "A" 為258mm時，最大行程為1750mm。

Weight of unit with stroke zero	基本重量	5.4 kg	Dynamic Torque	Mx動力矩	20.9 Nm
Standard starting loadless torque	無負載啟動扭矩	0.4 Nm	Dynamic Torque	My動力矩	92~630 Nm
Dynamic Load	動額定負荷	2320 N	Dynamic Torque	Mz動力矩	162~1102 Nm

> H120-M Two 15mm linear guides rail with four runner blocks inside



> Features 技術資料

Max. speed	最快速度	3 m/s
Dynamic Load	動額定負荷	6264 N
Pitch diameter	心線距離	44.6 mm
Moment of inertia Iy	Y方向慣性	71.4 cm ⁴
Moment of inertia Iz	Z方向慣性	92 cm ⁴
Dynamic Torque	Mx動力矩	96.1 Nm
Dynamic Torque	My動力矩	157 Nm
Dynamic Torque	Mz動力矩	367 Nm

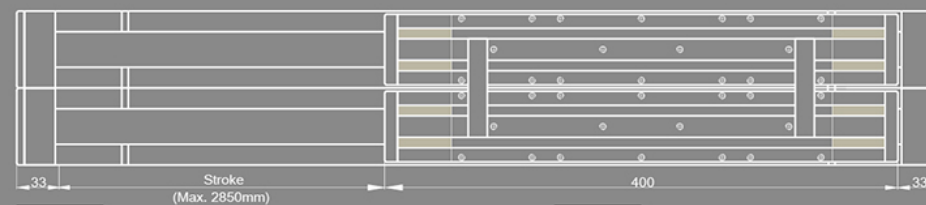
Weight of unit with stroke zero	基本重量	7.3 kg
Weight of unit per meter stroke	每公尺行程增加重量	10.9 kg
Max. belt tractive force	皮帶最大拉力	1330 N
Stroke for shaft revolution	每圈行程	140 mm
Moment of inertia 0-stroke axis	軸向轉動慣性	14.92 kgcm ²
Moment of inertia per kg load	負載重量慣性	4.97 kgcm ² /kg
Moment of inertia per M stroke	單位長度慣性	0.74 kgcm ² /M
Standard starting loadless torque	無負載啟動扭矩	0.8 Nm

> H120-S Two 15mm linear guides rail with two runner blocks inside



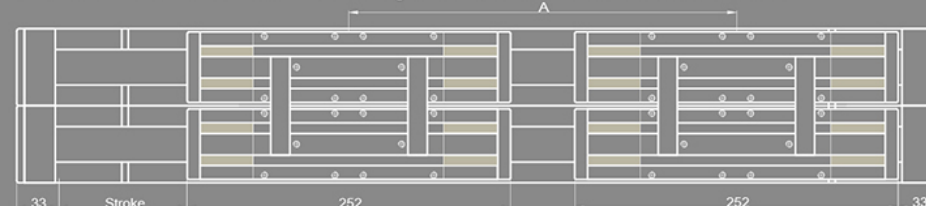
Weight of unit with stroke zero	基本重量	5.5 kg	Dynamic Torque	Mx動力矩	53.3 Nm
Standard starting loadless torque	無負載啟動扭矩	0.6 Nm	Dynamic Torque	My動力矩	17.3 Nm
Dynamic Load	動額定負荷	3132 N	Dynamic Torque	Mz動力矩	40.3 Nm

> H120-L Two 15mm linear guides rail with four runner blocks inside



Weight of unit with stroke zero	基本重量	8.3 kg	Dynamic Torque	Mx動力矩	96.1 Nm
Standard starting loadless torque	無負載啟動扭矩	0.8 Nm	Dynamic Torque	My動力矩	353 Nm
Dynamic Load	動額定負荷	6264 N	Dynamic Torque	Mz動力矩	823 Nm

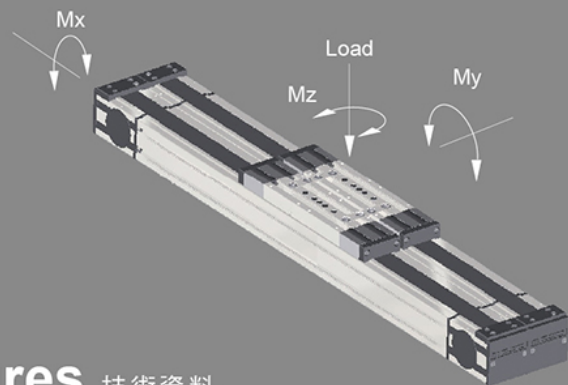
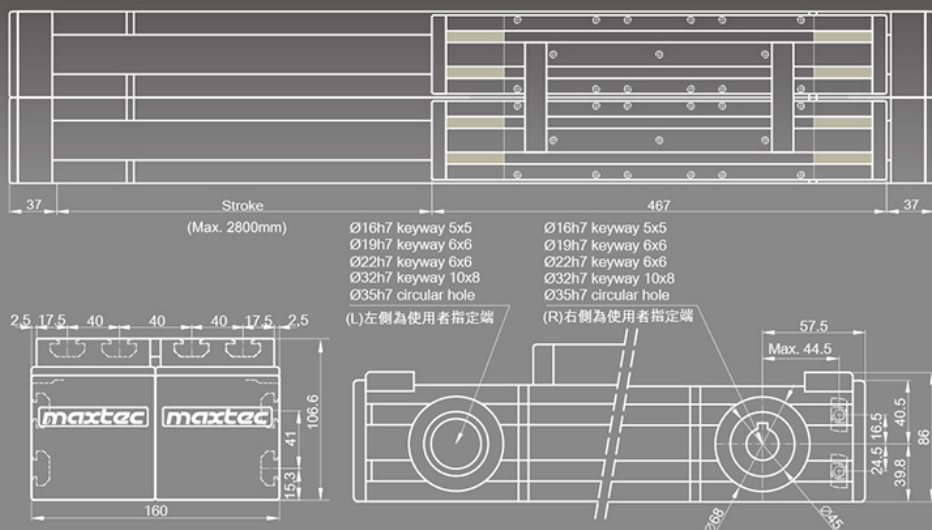
> H120-D Two 15mm linear guides rail with two runner blocks each inside



滑台中心距離 "A" 最小長度為302mm，最大長度為2700mm（此時行程為0）。即當 "A" 為302mm時，最大行程為2700mm。

Weight of unit with stroke zero	基本重量	10.7 kg	Dynamic Torque	Mx動力矩	96.1 Nm
Standard starting loadless torque	無負載啟動扭矩	0.8 Nm	Dynamic Torque	My動力矩	522~4671 Nm
Dynamic Load	動額定負荷	6264 N	Dynamic Torque	Mz動力矩	1217~10881 Nm

> H160-M Two 25mm linear guides rail with four runner blocks inside



> Features 技術資料

Max. speed	最快速度	3 m/s
Dynamic Load	動額定負荷	13016 N
Pitch diameter	心線距離	66.2 mm
Moment of inertia Iy	Y方向慣性	220.8 cm ⁴
Moment of inertia Iz	Z方向慣性	353.7 cm ⁴
Dynamic Torque	Mx動力矩	404 Nm
Dynamic Torque	My動力矩	634 Nm
Dynamic Torque	Mz動力矩	1971 Nm

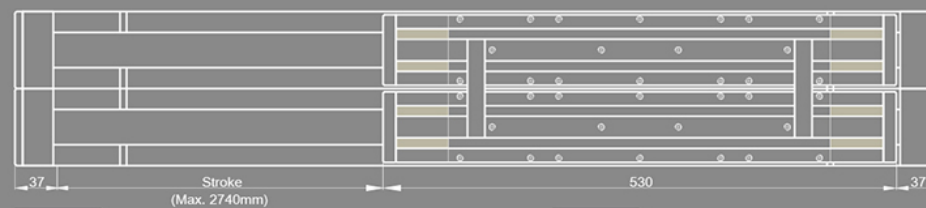
Weight of unit with stroke zero	基本重量	18.2 kg
Weight of unit per meter stroke	每公尺行程增加重量	19.3 kg
Max. belt tractive force	皮帶最大拉力	4510 N
Stroke for shaft revolution	每圈行程	208 mm
Moment of inertia 0-stroke axis	軸向轉動慣性	92.69 kgcm ²
Moment of inertia per kg load	負載重量慣性	10.9 kgcm ² /kg
Moment of inertia per M stroke	單位長度慣性	4.05 kgcm ² /M
Standard starting loadless torque	無負載啟動扭矩	2.5 Nm

> H160-S Two 25mm linear guides rail with two runner blocks inside



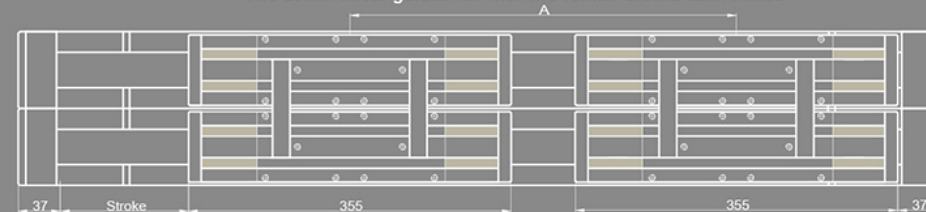
Weight of unit with stroke zero	基本重量	13.7 kg	Dynamic Torque	Mx動力矩	213 Nm
Standard starting loadless torque	無負載啟動扭矩	2.2 Nm	Dynamic Torque	My動力矩	57.6 Nm
Dynamic Load	動額定負荷	6508 N	Dynamic Torque	Mz動力矩	179 Nm

> H160-L Two 25mm linear guides rail with four runner blocks inside



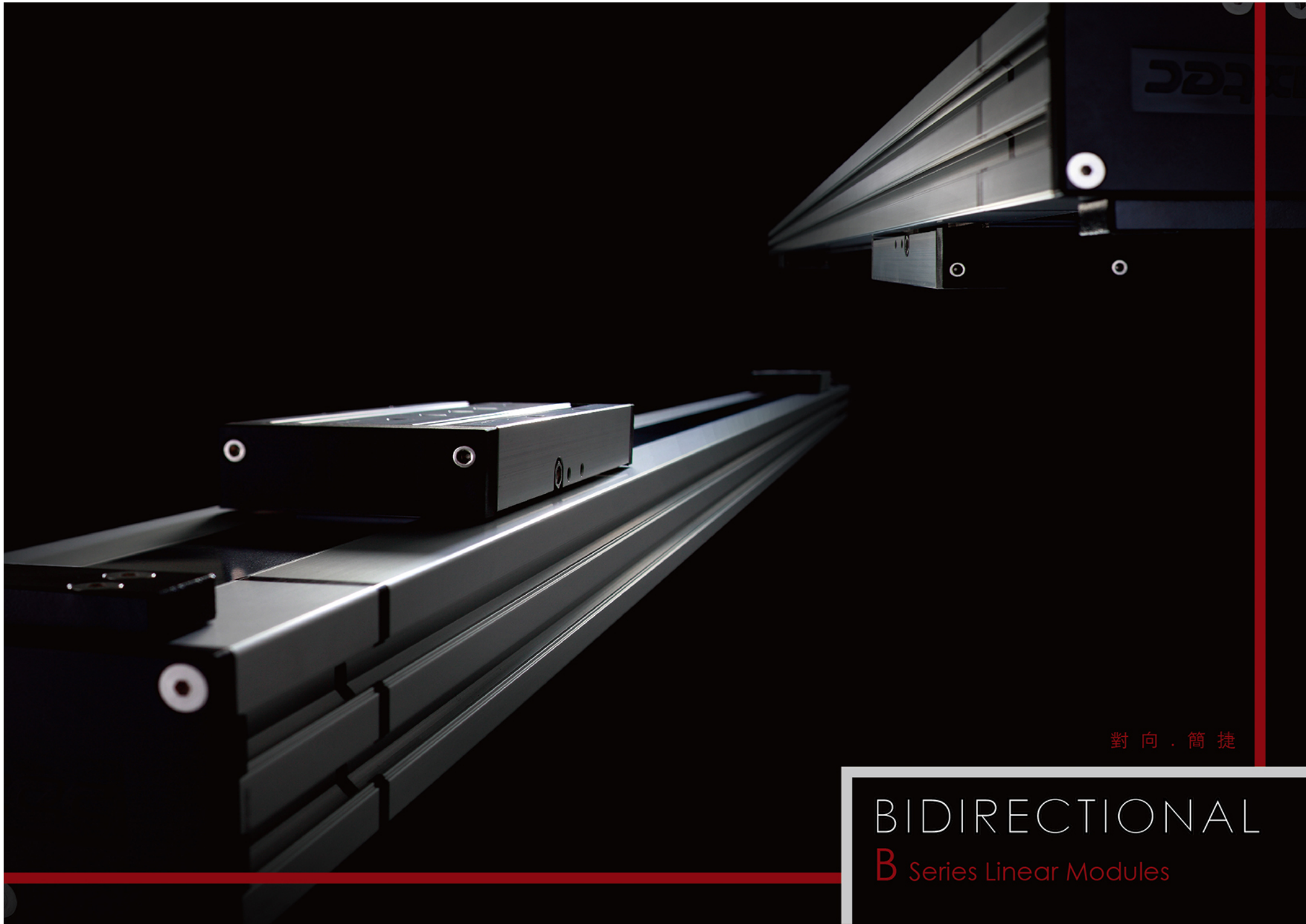
Weight of unit with stroke zero	基本重量	19.8 kg	Dynamic Torque	Mx動力矩	404 Nm
Standard starting loadless torque	無負載啟動扭矩	2.5 Nm	Dynamic Torque	My動力矩	1000 Nm
Dynamic Load	動額定負荷	13016 N	Dynamic Torque	Mz動力矩	3113 Nm

> H160-D Two 25mm linear guides rail with two runner blocks each inside



滑台中心距離 "A" 最小長度為430mm，最大長度為2490mm（此時行程為0）。即當 "A" 為430mm時，最大行程為2490mm。

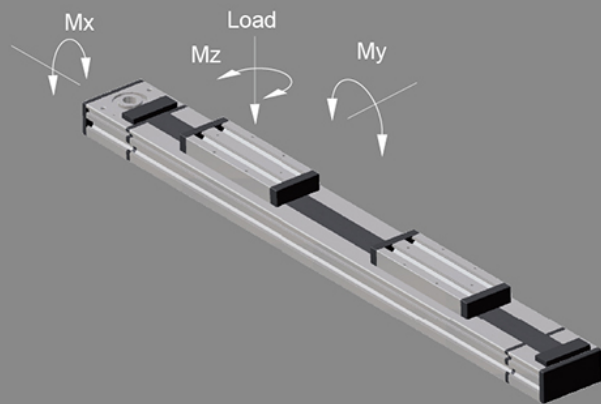
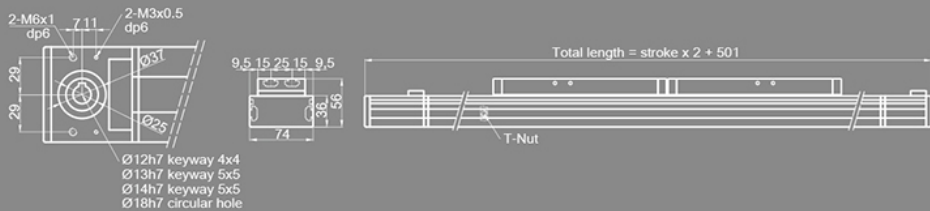
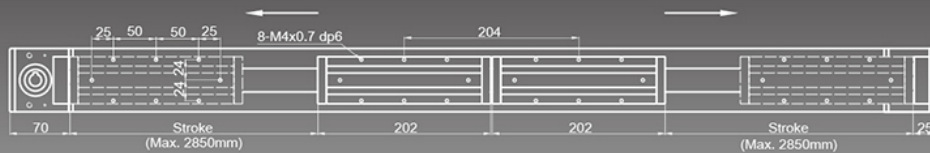
Weight of unit with stroke zero	基本重量	25.2 kg	Dynamic Torque	Mx動力矩	404 Nm
Standard starting loadless torque	無負載啟動扭矩	2.5 Nm	Dynamic Torque	My動力矩	2476~14976 Nm
Dynamic Load	動額定負荷	13016 N	Dynamic Torque	Mz動力矩	7697~46540 Nm



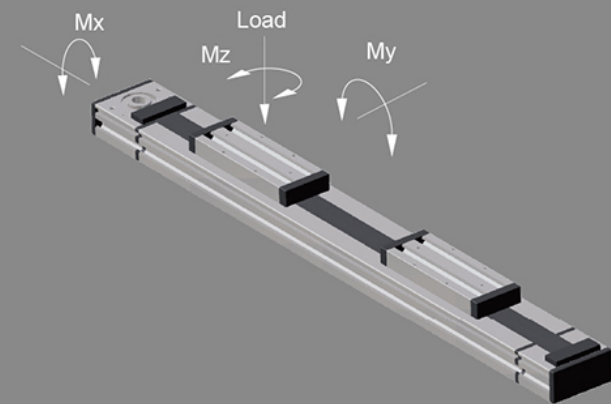
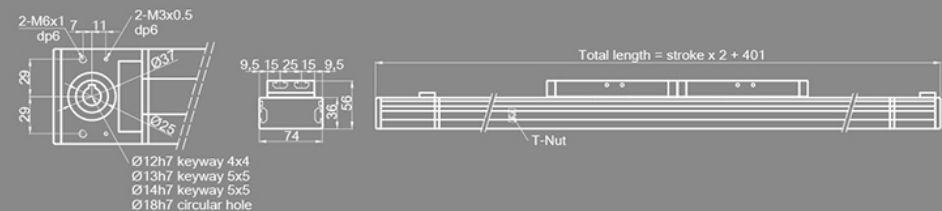
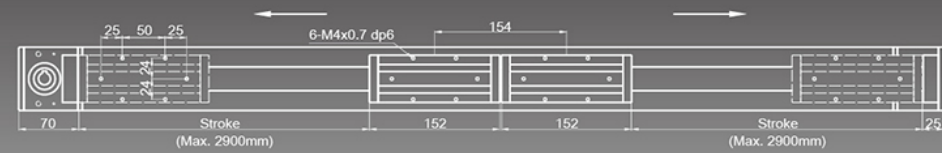
對向 · 簡捷

BIDIRECTIONAL
B Series Linear Modules

> B75-M 12mm miniature linear guide rail with two runner blocks each inside



> B75-S 12mm miniature linear guide rail with one runner block each inside



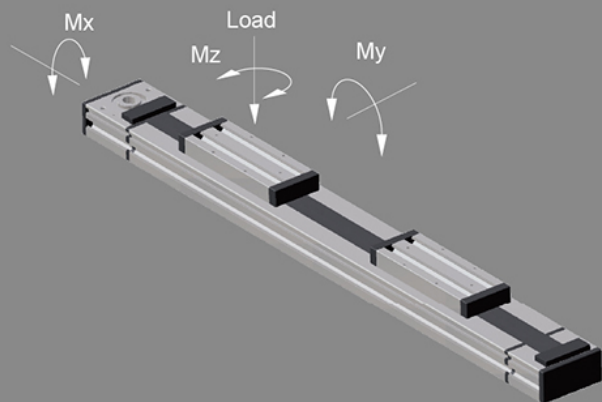
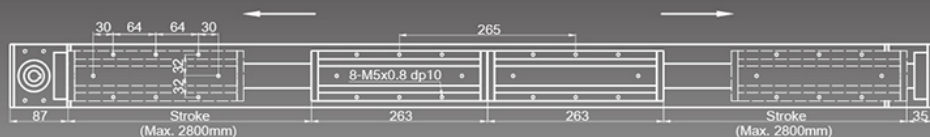
> Features 技術資料

Max. speed	最快速度	3 m/s	Weight of unit with stroke zero	基本重量	3 kg
Dynamic Load	動額定負荷	1160 N	Weight of unit per meter stroke	每公尺行程增加重量	6.7 kg
Pitch diameter	心線距離	35.0 mm	Max. belt tractive force	皮帶最大拉力	635 N
Moment of inertia Iy	Y方向慣性	15.0 cm ⁴	Stroke for shaft revolution	每圈行程	110 mm
Moment of inertia Iz	Z方向慣性	56.3 cm ⁴	Moment of inertia 0-stroke axis	軸向轉動慣性	4.23 kgcm ²
Dynamic Torque	Mx動力矩	6.66 Nm	Moment of inertia per kg load	負載重量慣性	3.06 kgcm ² /kg
Dynamic Torque	My動力矩	13.8 Nm	Moment of inertia per M stroke	單位長度慣性	0.49 kgcm ² /M
Dynamic Torque	Mz動力矩	13.8 Nm	Standard starting loadless torque	無負載啟動扭矩	0.3 Nm

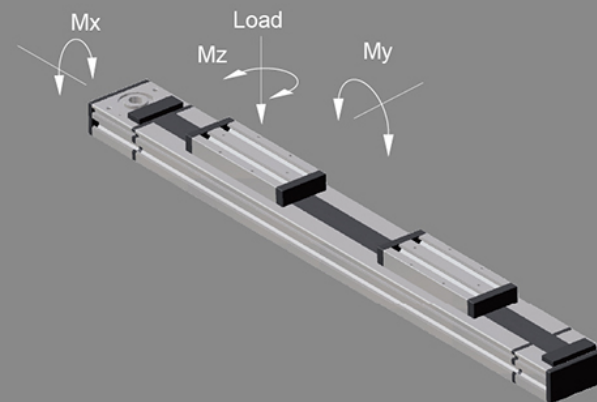
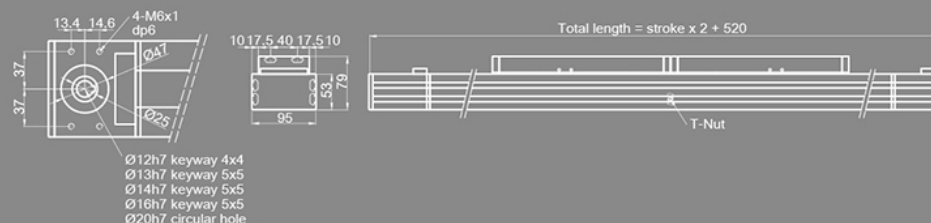
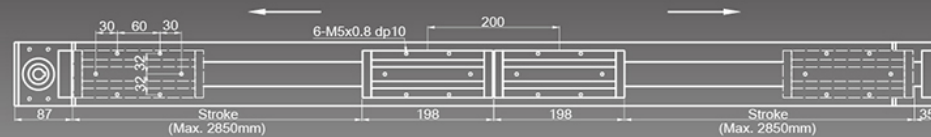
> Features 技術資料

Max. speed	最快速度	3 m/s	Weight of unit with stroke zero	基本重量	2.2 kg
Dynamic Load	動額定負荷	580 N	Weight of unit per meter stroke	每公尺行程增加重量	6.7 kg
Pitch diameter	心線距離	35.0 mm	Max. belt tractive force	皮帶最大拉力	635 N
Moment of inertia Iy	Y方向慣性	15.0 cm ⁴	Stroke for shaft revolution	每圈行程	110 mm
Moment of inertia Iz	Z方向慣性	56.3 cm ⁴	Moment of inertia 0-stroke axis	軸向轉動慣性	2.88 kgcm ²
Dynamic Torque	Mx動力矩	3.7 Nm	Moment of inertia per kg load	負載重量慣性	3.06 kgcm ² /kg
Dynamic Torque	My動力矩	2 Nm	Moment of inertia per M stroke	單位長度慣性	0.49 kgcm ² /M
Dynamic Torque	Mz動力矩	2 Nm	Standard starting loadless torque	無負載啟動扭矩	0.18 Nm

> B95-M 15mm linear guide rail with two runner blocks each inside



> B95-S 15mm linear guide rail with one runner block each inside



> Features 技術資料

Max. speed	最快速度	3 m/s	Weight of unit with stroke zero	基本重量	7.4 kg
Dynamic Load	動額定負荷	3132 N	Weight of unit per meter stroke	每公尺行程增加重量	11.4 kg
Pitch diameter	心線距離	44.6 mm	Max. belt tractive force	皮帶最大拉力	1330 N
Moment of inertia Iy	Y方向慣性	57.0 cm ⁴	Stroke for shaft revolution	每圈行程	140 mm
Moment of inertia Iz	Z方向慣性	158.2 cm ⁴	Moment of inertia 0-stroke axis	軸向轉動慣性	16.86 kgcm ²
Dynamic Torque	Mx動力矩	22.9 Nm	Moment of inertia per kg load	負載重量慣性	4.97 kgcm ² /kg
Dynamic Torque	My動力矩	87.4 Nm	Moment of inertia per M stroke	單位長度慣性	1.49 kgcm ² /M
Dynamic Torque	Mz動力矩	87.4 Nm	Standard starting loadless torque	無負載啟動扭矩	0.7 Nm

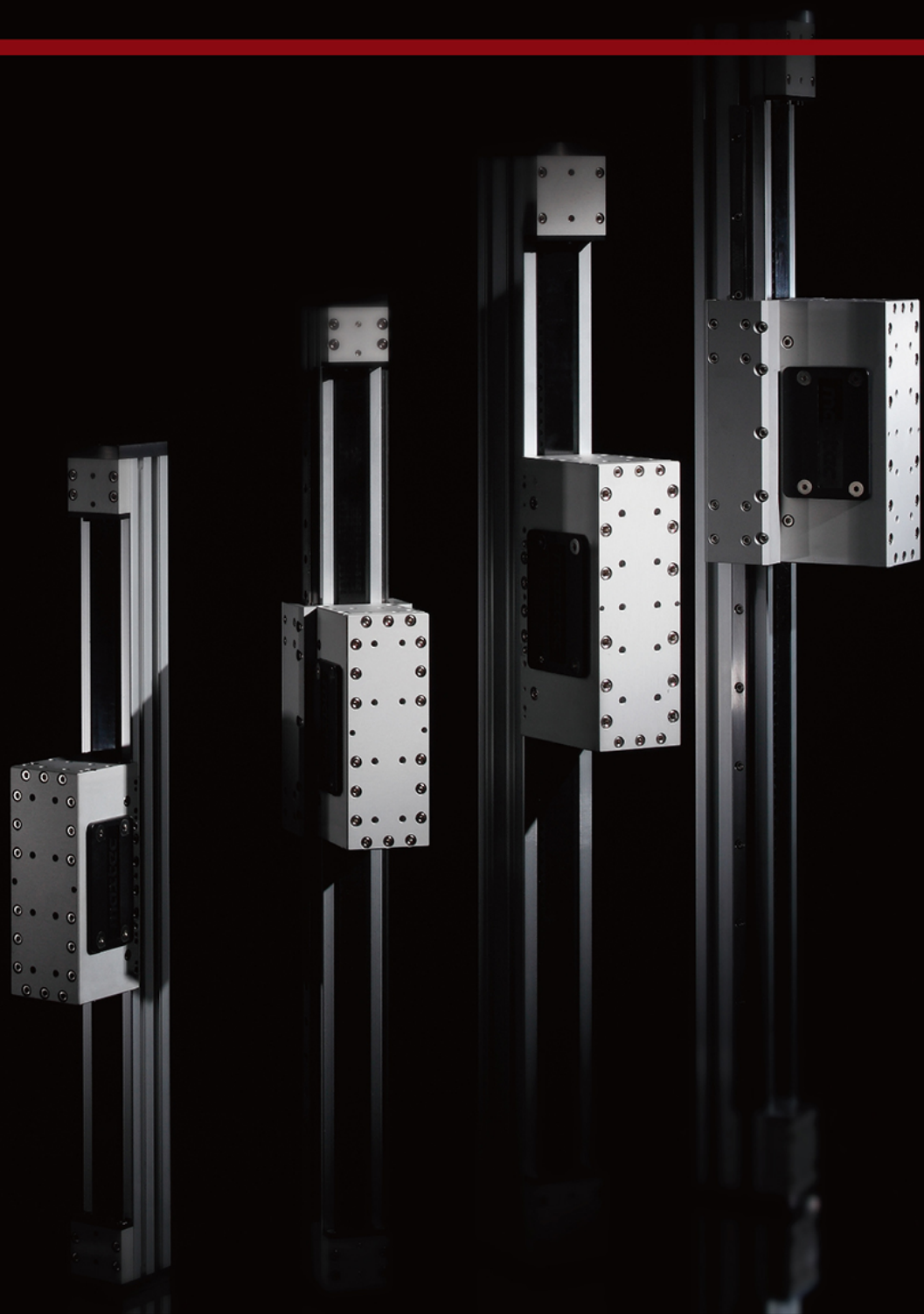
> Features 技術資料

Max. speed	最快速度	3 m/s	Weight of unit with stroke zero	基本重量	5.4 kg
Dynamic Load	動額定負荷	1566 N	Weight of unit per meter stroke	每公尺行程增加重量	11.4 kg
Pitch diameter	心線距離	44.6 mm	Max. belt tractive force	皮帶最大拉力	1330 N
Moment of inertia Iy	Y方向慣性	57.0 cm ⁴	Stroke for shaft revolution	每圈行程	140 mm
Moment of inertia Iz	Z方向慣性	158.2 cm ⁴	Moment of inertia 0-stroke axis	軸向轉動慣性	11.14 kgcm ²
Dynamic Torque	Mx動力矩	12.7 Nm	Moment of inertia per kg load	負載重量慣性	4.97 kgcm ² /kg
Dynamic Torque	My動力矩	9.6 Nm	Moment of inertia per M stroke	單位長度慣性	1.49 kgcm ² /M
Dynamic Torque	Mz動力矩	9.6 Nm	Standard starting loadless torque	無負載啟動扭矩	0.5 Nm

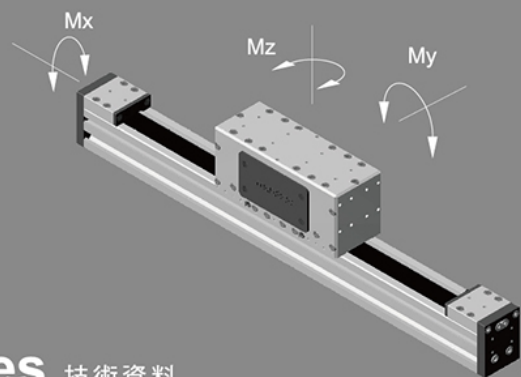
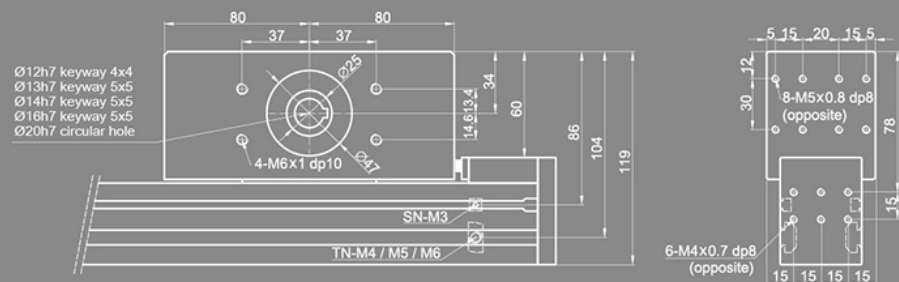
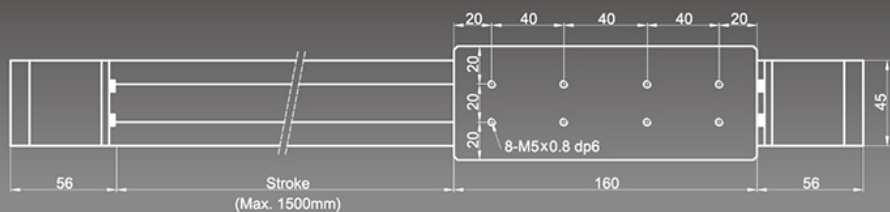
CANTILEVER

Z Series Linear Modules

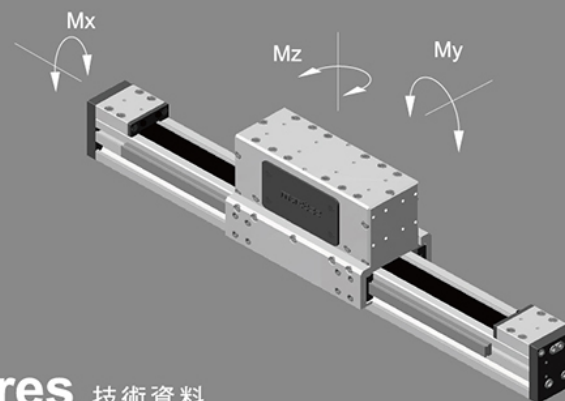
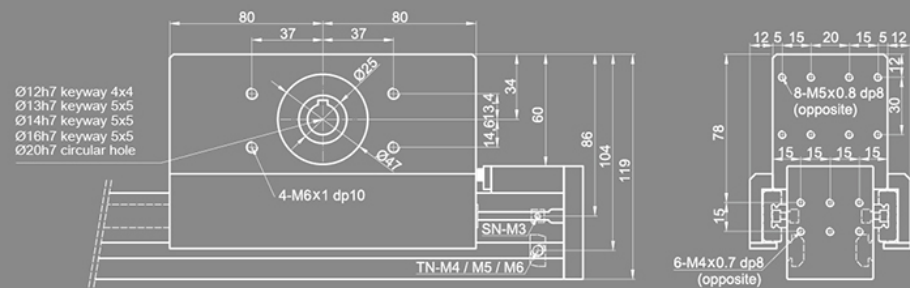
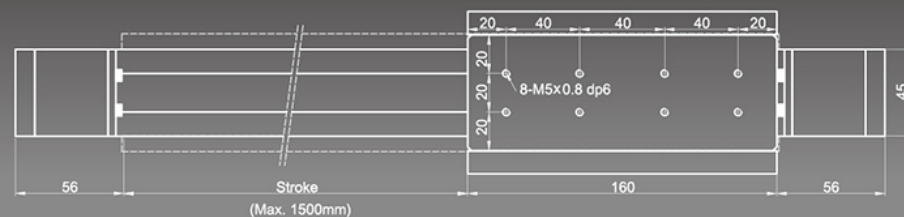
懸臂・顛覆



> Z46-L 12mm miniature linear guide rail with two runner blocks inside



> Z46-T Two 12mm miniature linear guides rail with four runner blocks inside



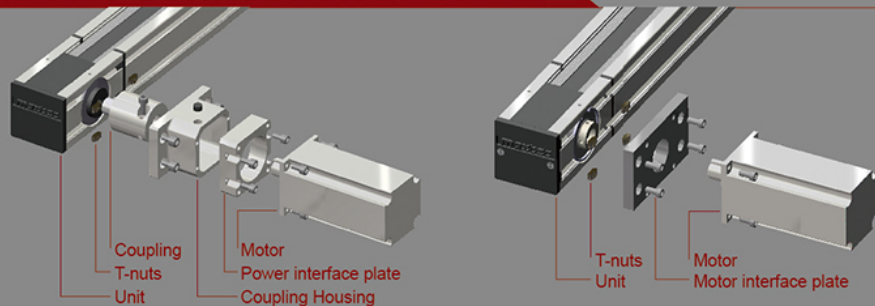
> Features 技術資料

Max. speed	最快速度	1 m/s	Weight of unit with stroke zero	基本重量	3.2 kg
Dynamic Load	動額定負荷	1160 N	Weight of unit per meter stroke	每公尺行程增加重量	3.2 kg
Pitch diameter	心線距離	44.6 mm	Max. belt tractive force	皮帶最大拉力	1330 N
Moment of inertia Iy	Y方向慣性	16.2 cm ⁴	Stroke for shaft revolution	每圈行程	140 mm
Moment of inertia Iz	Z方向慣性	18.9 cm ⁴	Moment of inertia 0-stroke axis	軸向轉動慣性	6.61 kgcm ²
Dynamic Torque	Mx動力矩	20 Nm	Moment of inertia per kg load	負載重量慣性	4.97 kgcm ² /kg
Dynamic Torque	My動力矩	60 Nm	Moment of inertia per M stroke	單位長度慣性	15.91 kgcm ² /M
Dynamic Torque	Mz動力矩	60 Nm	Standard starting loadless torque	無負載啟動扭矩	0.44 Nm

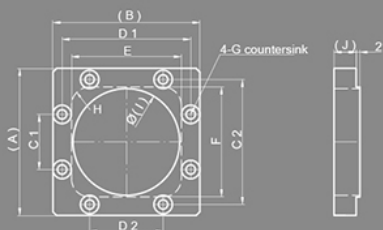
> Features 技術資料

Max. speed	最快速度	1 m/s	Weight of unit with stroke zero	基本重量	3.4 kg
Dynamic Load	動額定負荷	2320 N	Weight of unit per meter stroke	每公尺行程增加重量	3.9 kg
Pitch diameter	心線距離	44.6 mm	Max. belt tractive force	皮帶最大拉力	1330 N
Moment of inertia Iy	Y方向慣性	29.2 cm ⁴	Stroke for shaft revolution	每圈行程	140 mm
Moment of inertia Iz	Z方向慣性	34 cm ⁴	Moment of inertia 0-stroke axis	軸向轉動慣性	7.11 kgcm ²
Dynamic Torque	Mx動力矩	190 Nm	Moment of inertia per kg load	負載重量慣性	4.97 kgcm ² /kg
Dynamic Torque	My動力矩	130 Nm	Moment of inertia per M stroke	單位長度慣性	19.39 kgcm ² /M
Dynamic Torque	Mz動力矩	130 Nm	Standard starting loadless torque	無負載啟動扭矩	0.48 Nm

Motor connection 驅動馬達連結圖



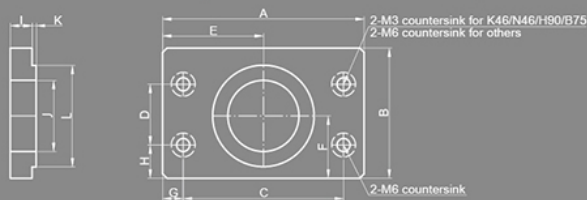
Power interface plate 動力連結板



unit : [mm]

Type	A	B	C1	C2	D1	D2	E	F	G	H	I	J
K46 / N46 / H90 / B75	42	42	18	--	37	--	31.5	31.5	M4	R5	31	15
K60 / N60 / H120 / Z46 / B95	60	60	28	--	54	--	46.5	46.5	M5	R10	46	20
K80 / N80 / H160 / Z60	90	90	--	68	--	40	59.5	59.5	M6	R10	58	22
K100 / N100	93.6	102	--	85	--	50	84	77.8	M6	R10	72	22

Motor interface plate 馬達連結板



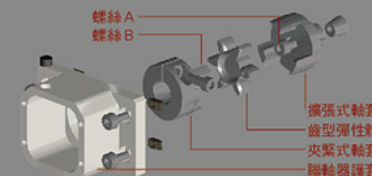
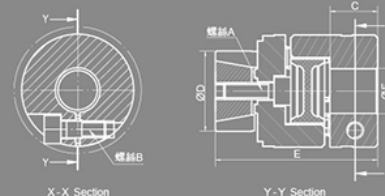
unit : [mm]

Type	A	B	C	D	E	F	G	H	I	J	K	L
K46 / N46 / H90	74	45	58	18	37	22	8	15	10	∅26	2	∅36.8
K60 / N60 / H120 / Z46	93	60	74	28	46.5	28.7	9.5	15.3	10	∅33	2	∅46.8
K80 / N80 / H160 / Z60	102	80	83	41	51	39.8	9.5	15.3	10	∅46	2	∅67.8
K100 / N100	134	101	116	60	67	50.7	9	16	12	∅61	2	∅84.8
B75	74	42	58	18	37	22	8	15	10	∅26	2	∅36.8
B95	93	58	74	28	46.5	28.7	9.5	15.3	10	∅33	2	∅46.8

Coupling housing kits 聯軸器護套組

CK - N60 - 16

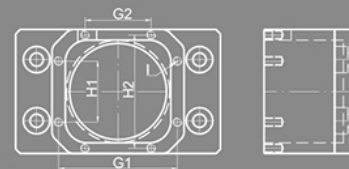
聯軸器內孔孔徑，詳細規格請參照下表“F”值
 搭配模組系列
 聯軸器護套組



註1：組裝聯軸器護套組時，請先將滑台推到右邊端點將擴張式軸套凸軸端放入皮帶輪孔內，依照下表建議扭力將螺絲A鎖緊，再依序放入齒型彈性體，夾緊式軸套，聯軸器護套及所有相關配件；拆卸時請依序將其他零件先卸下。最後將螺絲A放鬆2~3圈後，用榔頭輕敲螺絲頭，使螺絲頭不要凸出，即可取出擴張式軸套。
 註2：訂購CK聯軸器護套組時，包含上圖全部零件。

聯軸器的容許扭力值會因為孔徑F的挑選而有所不同，詳細資料請洽集智公司。

CK適用規格	A鎖緊扭力	B鎖緊扭力	C	D	E	F	容許扭力	旋轉慣性
K46 / N46 / H90 / B75	8.1 Nm	1.34 Nm	9.5	18	41	12,13,14	5.8~9.1 Nm	5.13~5.2 kgmm ²
K60 / N60 / H120 / Z46 / B95	9.6 Nm	9.6 Nm	17	20	58	12,13,14,16	17 Nm	23.7~26.9 kgmm ²
K80 / N80 / H160 / Z60	9.6 Nm	10 Nm	18	35	66	16,19,22,32	34~42 Nm	107.7~108.5 kgmm ²
K100 / N100	23 Nm	25 Nm	21	50	74	22,32,40	74~124 Nm	276.1~271.1 kgmm ²



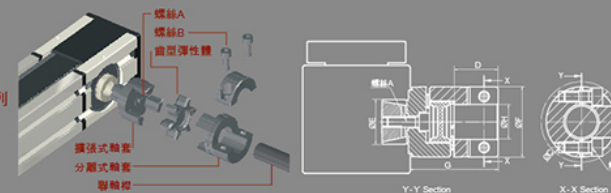
G1	G2	H1	H2	I
37	--	18	--	M4
54	--	28	--	M5
--	40	--	68	M6
--	50	--	85	M6

Coupling 聯軸器

(搭配聯軸桿專用)

SC - K60

搭配模組系列
 聯軸器



註：跨距組裝時，請先將擴張式軸套凸軸端放入皮帶輪孔內，依照下表建議扭力將螺絲A鎖緊，再依序放入齒型彈性體，分離式軸套。待兩支同步模組定位固定完成後，再將聯軸桿放入並鎖緊螺絲B即可；拆卸時請依序將其他零件先卸下，最後將螺絲A放鬆2~3圈後，用榔頭輕敲螺絲頭，使螺絲頭不要凸出，即可取出擴張式軸套。

SC適用規格	A鎖緊扭力	B鎖緊扭力	C	D	E	F	G	H	容許扭力	旋轉慣量
K60 / N60 / Z46	9.6 Nm	10 Nm	46	25	20	40	50	16	17 Nm	30.9 kgmm ²
K80 / N80 / Z60	9.6 Nm	10 Nm	57.5	30	35	55	59	25	53 Nm	135.1 kgmm ²
K100 / N100	23 Nm	25 Nm	73	35	50	65	66	35	119 Nm	239.5 kgmm ²

Sensor kits 感應器套件組

SK - N60 - W

空白：端子型
W：附線 (2m) PM-L24均附線1M
搭配模組系列
感應器套件組
(感應器主要搭配 OMRON EE-SX672 型或
SUNX PM-T65型、Z-T系列和B系列則搭配
SUNX PM-L25型)

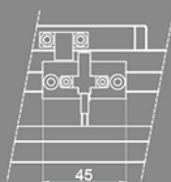
K/N/H系列



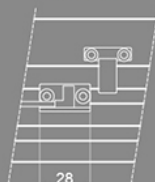
B系列



K/N/H系列示意圖

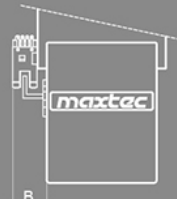
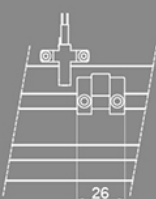


B系列示意圖

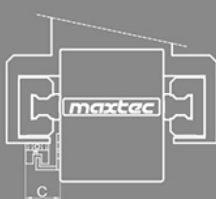
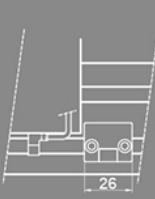


註：K46/H90系列的尺寸A為17.7mm，其他系列的尺寸A均為16.7mm

Z系列示意圖



Z-T系列示意圖



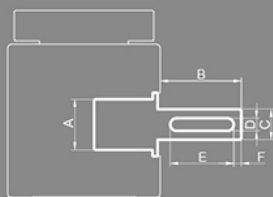
註：Z46系列的尺寸B為17.7mm，Z60系列的尺寸B為16.7mm

註：Z46-T系列的尺寸C為17.7mm，Z60-T系列的尺寸C為16.7mm

Shaft journal 活動式外軸

SJ - Z60

搭配模組系列
活動式外軸



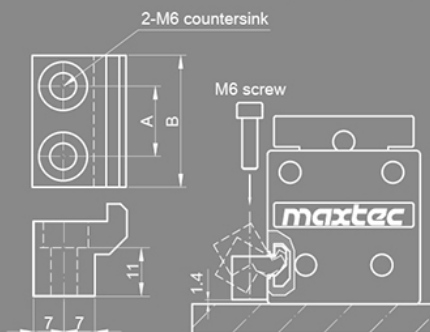
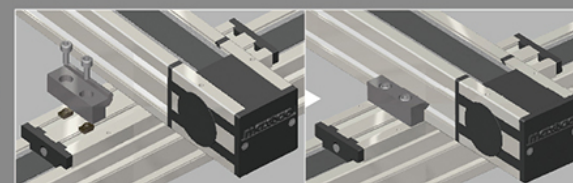
SJ 適用規格	A	B	C	D	E	F	建議鎖緊扭力
K46 / N46 / H90 / B75	ø18	24	ø14h7	5 dp3	20	2	2.9 Nm
K60 / N60 / H120 / Z46 / B95	ø20	33	ø16h7	5 dp3	25	3	8.1 Nm
K80 / N80 / H160 / Z60	ø35	46.5	ø18h7	6 dp3	30	4	9.6 Nm
K100 / N100	ø50	49	ø25h7	8 dp4	35	5	23 Nm

註：組裝活動式外軸時，只需將擴張端放入皮帶輪內孔，再將螺絲依照左表建議扭力鎖緊即可；拆卸時先將螺絲放鬆2~3圈後，用彎頭輕敲螺絲頭，使螺絲頭不要凸出，即可取出活動式外軸。

Mount block 本體固定座

MB - K80

固定座規格
本體固定座



固定座規格表

Model	A	B
MB-01	0	25
MB-K46 / MB-N46	20	40
MB-K60 / MB-N60 / MB-H90 / MB-B75	25	55
MB-K80 / MB-N80 / MB-H120 / MB-B95	40	75
MB-K100 / MB-N100 / MB-H160	52	92

Cover profile 防塵膠條

CP - 02

01：適用於K46 / N46 / B75 / H90 系列本體上方細小溝槽
02：適用於其他規格所有溝槽
防塵膠條



Nut 螺帽

TN - M6

M3 / M4 / M5 / M6

TN：T型螺帽 T type nut (M4 / M5 / M6)
SN：四角螺帽 Squar nut (M3 / M4 / M6)

CP-02

CP-02

CP-01

TN-nut

SN-nut

SN-M3

適用於標準溝槽
M4 / M5 / M6

適用於K46 / H90滑台溝槽
M4 / M6

適用於K46 / N46 / H90
系列本體上方溝槽 (M3)



註：每種溝槽搭配的螺帽均不同，請留意。

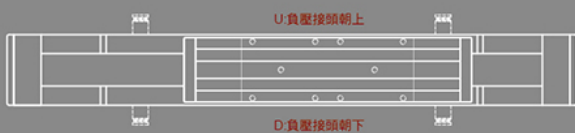
Order code

K 60 - 0850 D - 500 - 16 - U

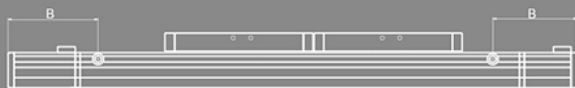
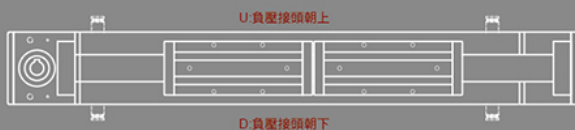


- ▶ 產品規格以網頁公布資料為準。
- ▶ 重複定位精度 $\pm 0.1\text{mm}$ ，工作環境溫度 $-20\sim 75^\circ\text{C}$ 。
- ▶ 有任何特殊尺寸需求，請洽本公司相關部門。
- ▶ 內部線軌可指定德製或台製品。

負壓規格說明 (附8mm接頭, 僅B75為4mm接頭)

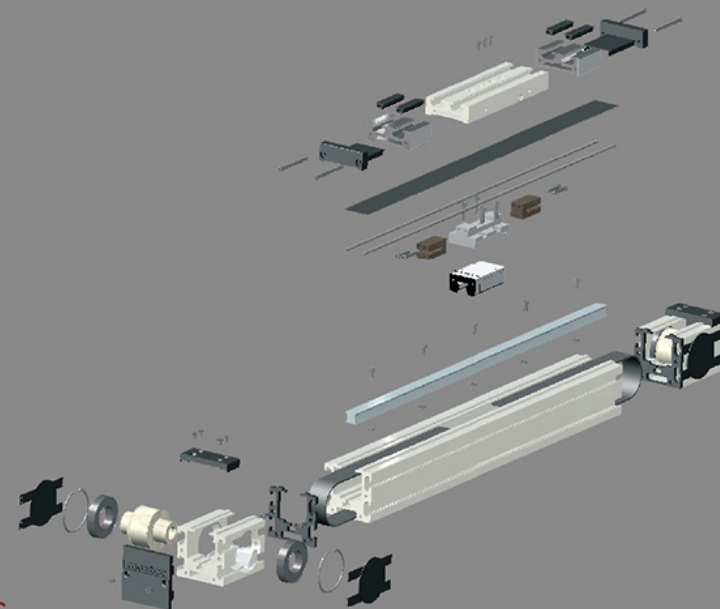


規格	unit : [mm]	
	A	B
K46 / H90	33	106
K60 / H120	43.3	117
K80 / H160	56.3	135
K100	76	173

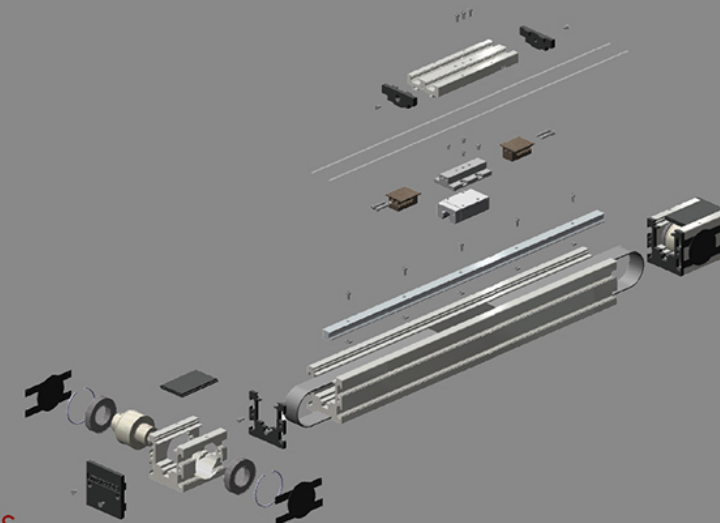


規格	unit : [mm]	
	A	B
B75	29.3	85
B95	36.3	110

Structure diagrams 結構分解圖

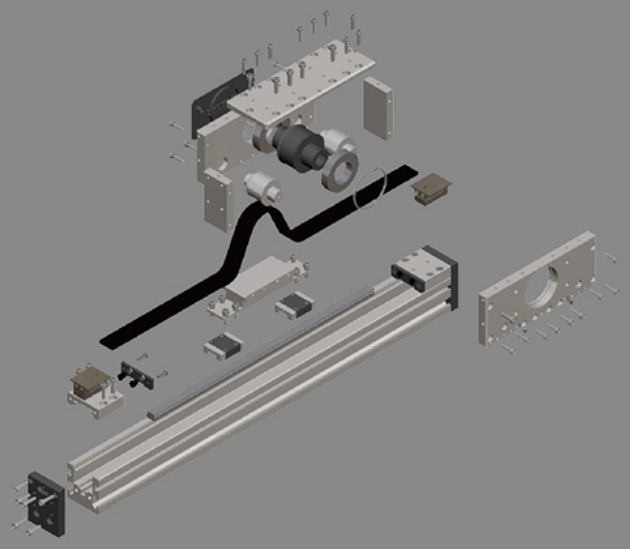


K Series

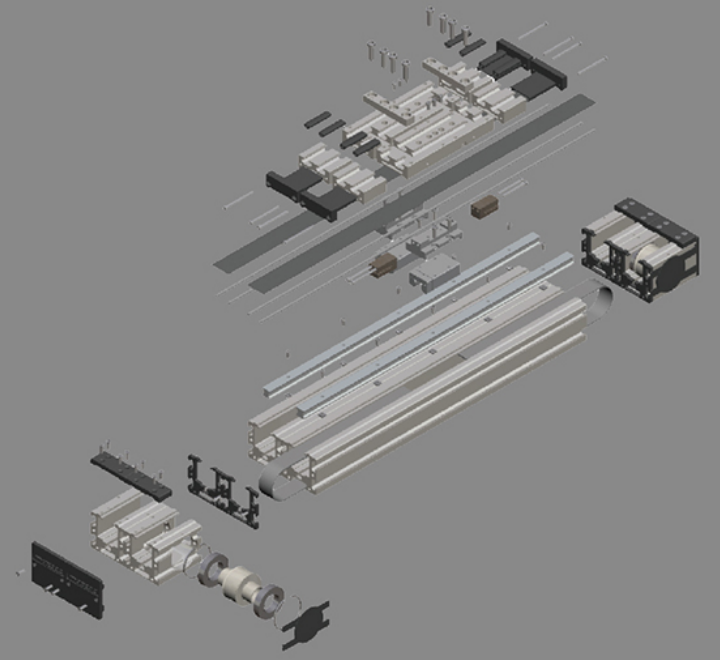


N Series

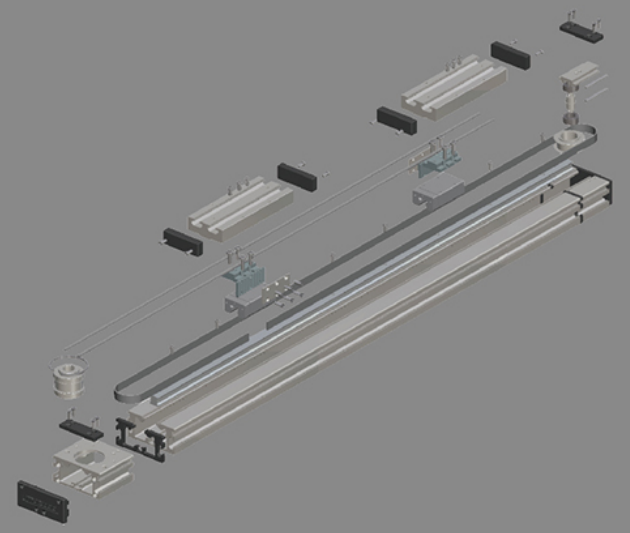
Structure diagrams 結構分解圖



Z Series

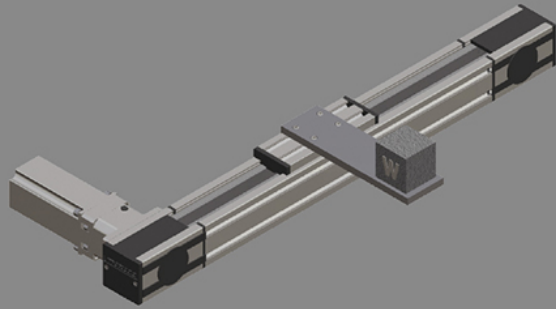


H Series

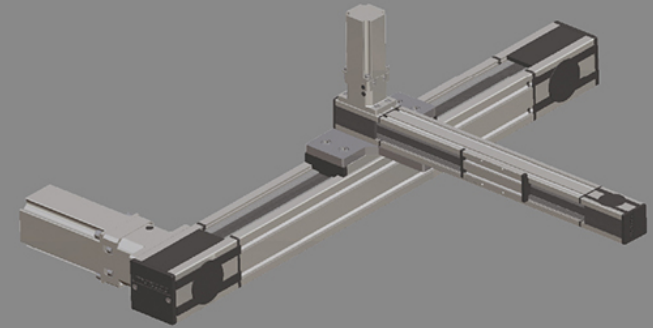


B Series

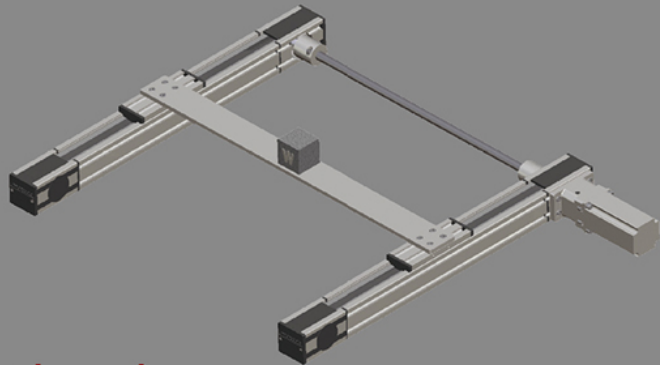
Examples



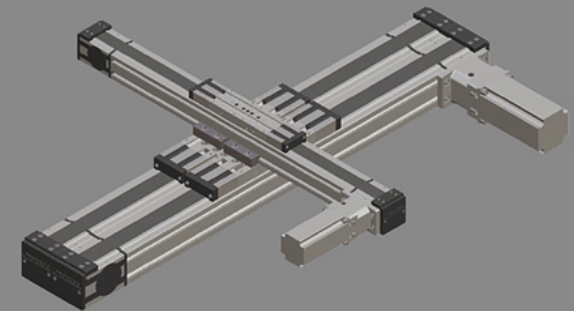
Single Unit



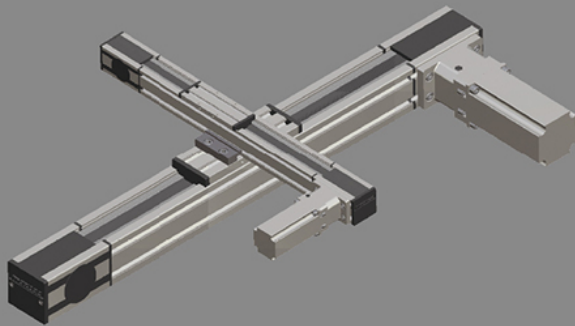
X-Y Gantry-2



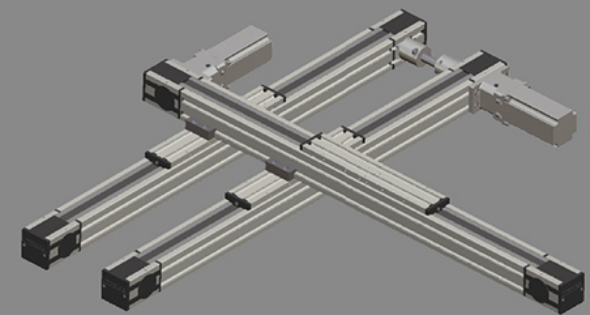
Parallel Synchronal



X-Y Gantry-3

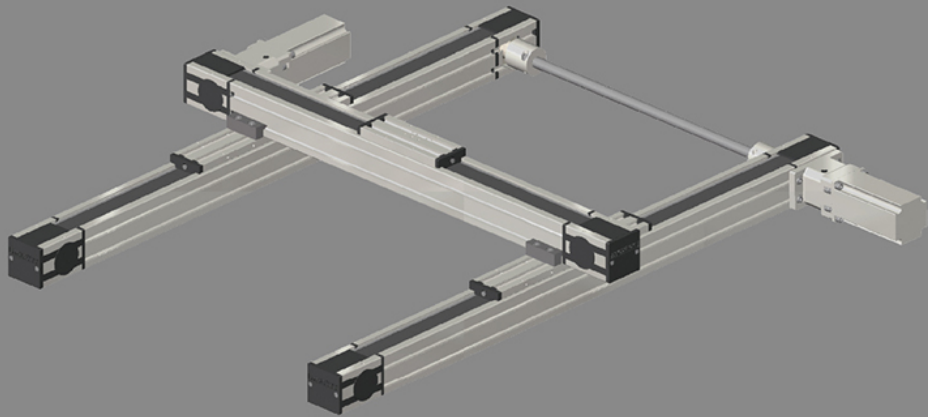


X-Y Gantry-1

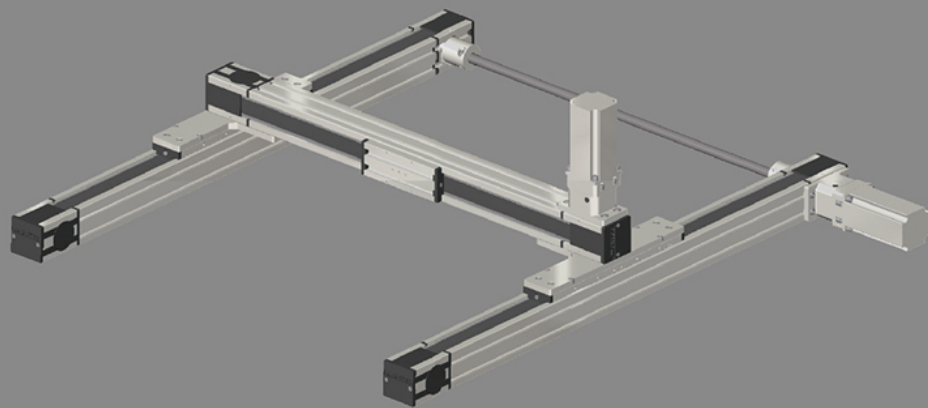


2X-Y Gantry-1

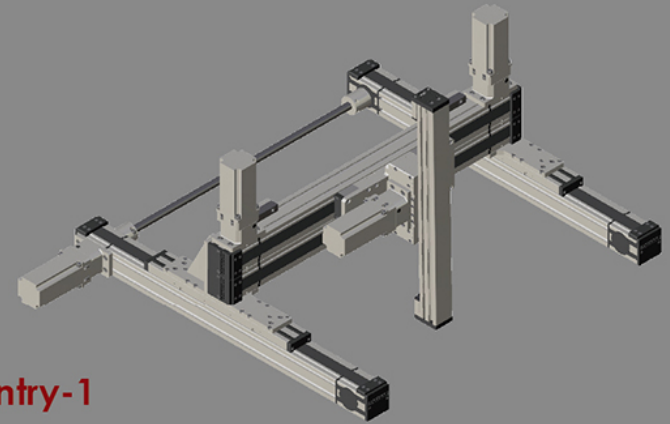
Examples



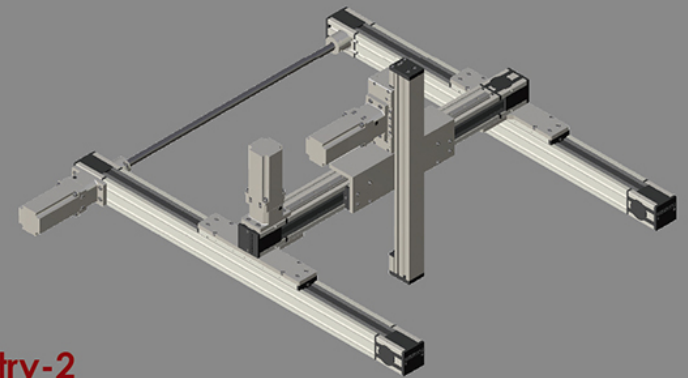
2X-Y Gantry-2



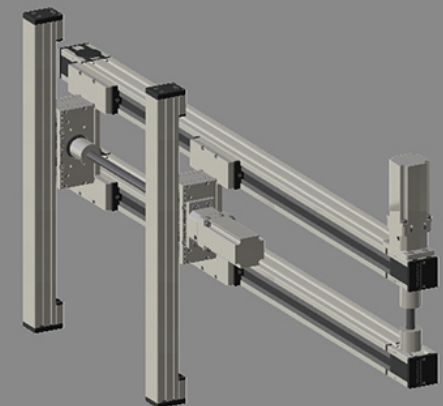
2X-Y Gantry-3



2X-Y-Z Gantry-1

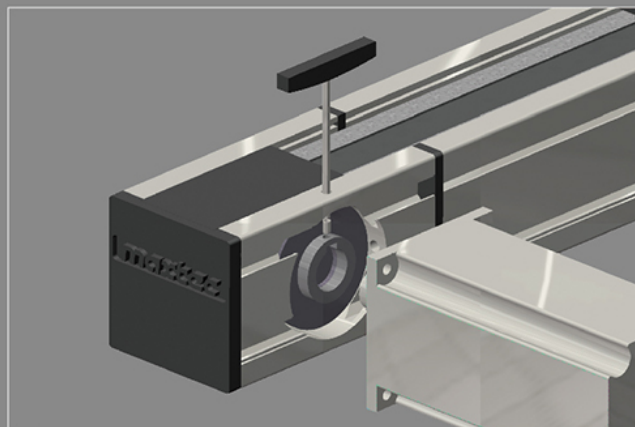


2X-Y-Z Gantry-2

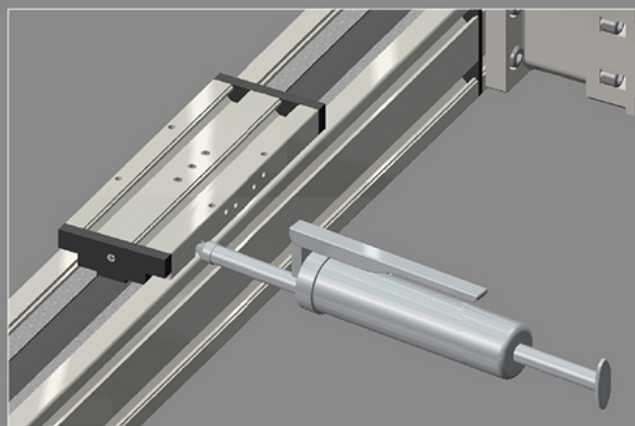


2X-2Z Gantry

Pivot installation 轉軸固定圖示



Lubrication 潤滑保養方式



Other 其他



