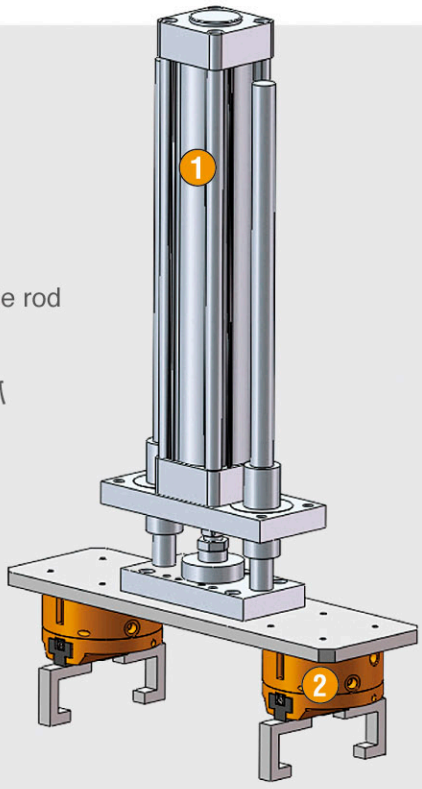
MTX 雙導桿滑動軸承法蘭型模組

尺寸
Size
40 ~ 63

重量
Weight
1.2 ~ 4.2 KG

有效行程
Effective stroke
50 ~ 500 MM

活塞力
Piston force
50 ~ 225 N



1 MTX 重力型雙導桿氣壓模組
MTX Gravity-type double guide rod pneumatic module.

2 RPG 強力型二指平動機械夾爪
RPG 2-Jaw Parallel Gripper.

應用領域

- 自動化重力型移載模組機構組成原件，提供了自動化更多的應用方式。
- 適用於機台製作或工廠生產、組裝及自動化產業的乾淨環境。

Applications

- Automated gravity type mechanism composed the components, offers more automated solutions.
- Suitable for clean environment of machine production or factory production, assemble and automation industry.

你的優勢

- 雙導桿滑台設計：使行程內移動更加穩固，有絕佳之抗旋轉、扭力及側向負載能力。
- 導桿缸內一律附有端點可調式緩衝器。
- 全系列使用線性滾珠軸承設計，增加使用剛性。
- 配置四個溝槽，安裝埋入式行動檢出感應器。
- 安裝及定位可以從多面固定。
- 空氣供給，確保在各式自動化系統中皆可彈性供給壓縮空氣。

Your advantage

- Dual guide rod slide design: more stable movement in stroke, great ability of anti-rotation, anti-torque and lateral load capacity.
- Guide cylinder of adjustable shock absorber in front.
- Whole series use linear ball bearing design, increase use rigidity.
- Configuring four trenches, install embedded action detection sensors.
- Installation and positioning can be secured from multi-faceted.
- Air supply, ensures that compressed air is supplied flexibly in all automated systems.

MTU TYPE

MTX 系列簡介

- 工作原理：雙導桿滑台設計
- 外殼材質：鋁合金，超硬陽極處理
- 導桿材質：鋼
- 驅動方式：氣動：濾清壓縮空氣_(10mm)_-乾式、潤滑或非潤滑壓力介質：
  需求壓縮空氣品質等級DIN ISO 8573-1
- 保固：12個月

MTX Series Introduction

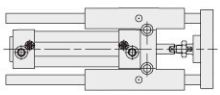
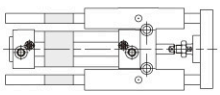
- How it works: Dual guide rod slide design.
- Shell material: Aluminum alloy, hard anodized.
- Guide rod material: Steel
- DrivDrive: Pneumatic-filtration of compressed air _ (10mm) _- dry, lubricated or non-lubricated pressure medium:
  demand for compressed air quality level DIN ISO 8573-1
- Warranty: 12 months.

MTX 雙導桿滑動軸承法蘭型模組

- 活塞力: 50 - 225N
- 有效行程: 50 - 500MM
- 4種型號: MTX40 - MTX63
- 雙導桿設計，可有絕佳之抗旋轉,扭力及側向附載的能力
  導桿缸一律附有端點可調式緩衝器。
- 全系列均附磁鐵感應器。
- 安裝和定位可以從多面固定。
- 免維護保養，使用壽命高達100萬次。

- Piston force: 50 - 225N
- Effective stroke: 50 - 500MM
- 4 types: MTX40 - MTX63
- Dual guide rod slide design: great ability of anti-rotation, anti-torque and lateral load capacity.
- Guide cylinder of adjustable shock absorber in front.
- Whole series adopts with magnetic field sensor.
- Installation and positioning can be secured from multi-faceted.
- Non-maintenance, one million lifetime guarantee.

重量表 Weight output table

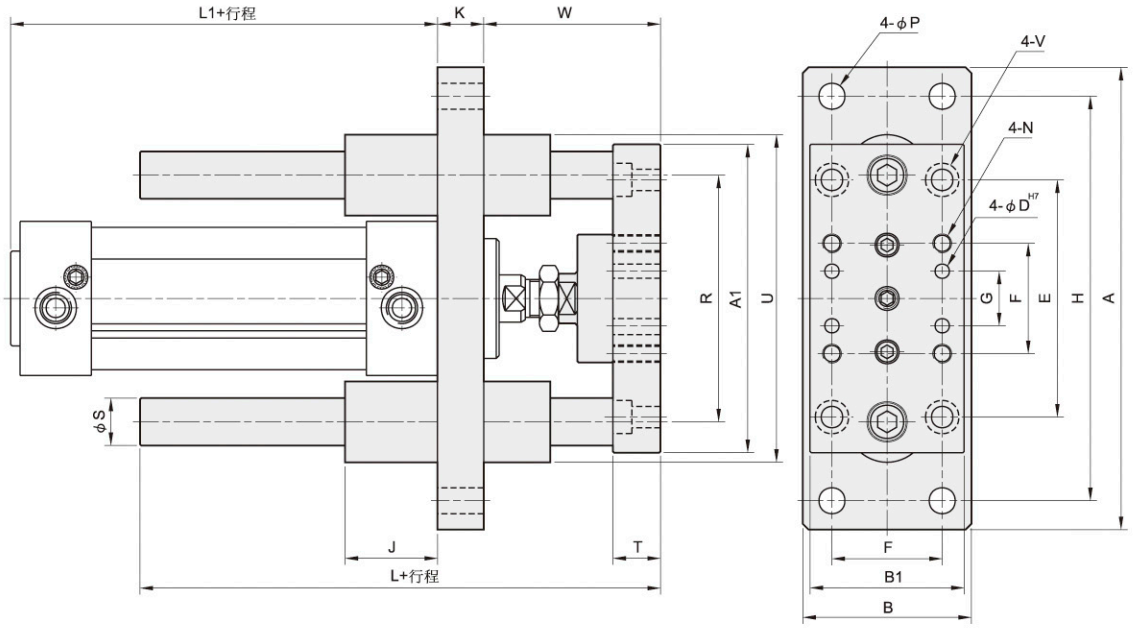
氣缸內徑 Bore	基準重量 Weight 	行程25mm增加重量 Stroke 25mm Weight increase 
	MTX (滑動軸承-銅合金 Sliding bearing - copper alloy)	
40	2.082 kg	0.159 kg
50	3.440 kg	0.240 kg
63	4.221 kg	0.250 kg

技術資料 Technical data

型號 Model		MTX		
汽缸內徑 Bores	mm	40	50	63
配管口徑尺寸 Port size		G 1/4	G 1/4	G 3/8
行程範圍 The range of stroke	mm	50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500		
使用流體 Fluid		空氣 Air		
使用壓力範圍 Operating pressure range	kgf/cm^2	2 ~ 7 kgf/cm^2		
周圍溫度 Ambient temperature	°	-5 ~ +60°C (不凍結 no freeze)		
給油(氣缸) Oil (cylinder)		不需給油 No oil		
給油(導桿＊) Oil (rod)		潤滑脂 Grease		
感應開關 Sensor switch		MMS-60 , MMS-60-SA		

外觀尺寸圖 Dimensions

汽缸內徑 Bores Ø40 ~ Ø60



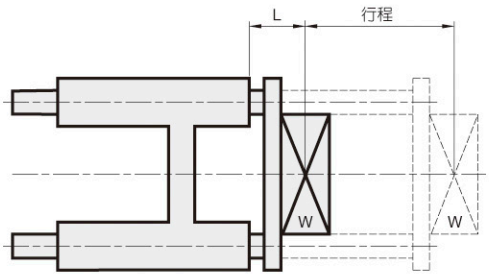
尺寸對照表 Size chart

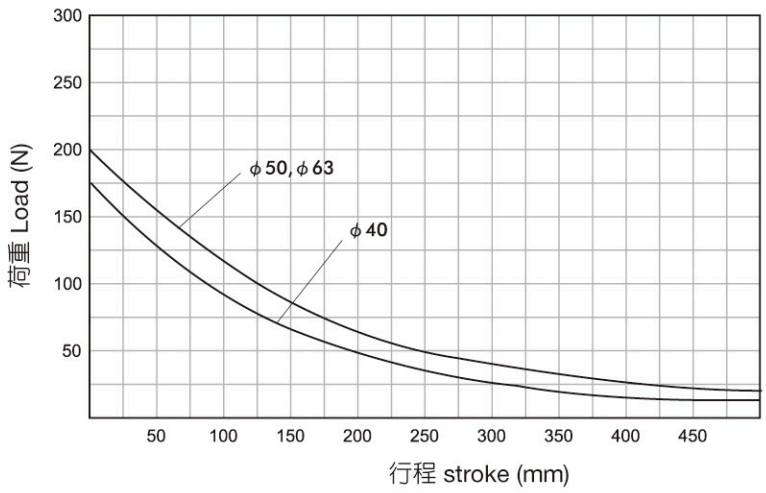
內徑 \ 代號	A	A1	B	B1	D	E	F	G	H	J	K	L	L1	N	P	R	S	T	U	V	W
40	160	115	55	54	6	84	38	9	140	32	15	148	109	M6, (深) 12	Ø9	87	16	15	115	Ø6.5, Ø10.5 (深) 6.5	61
50	180	135	70	65	6	100	46.5	23	160	36	20	170	110	M8, (深) 14	Ø9	104	20	20	136	Ø9, Ø14 (深) 8.5	74
63	195	150	80	75	6	105	56.5	28	175	36	20	170	125	M8, (深) 16	Ø9	119	20	20	151	Ø9, Ø14 (深) 8.5	74

導桿氣缸荷重圖表 Maximum allowable torque moment

最大容許負荷
Max. Allowable Load

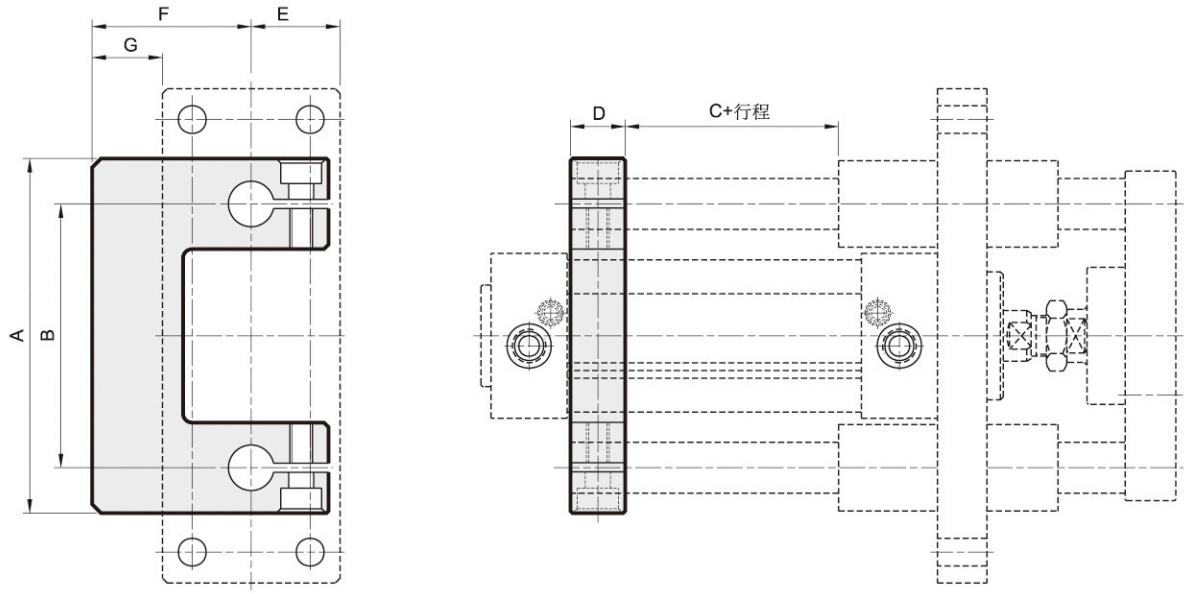
MTX 氣缸內徑 bore Ø40 ~ Ø60





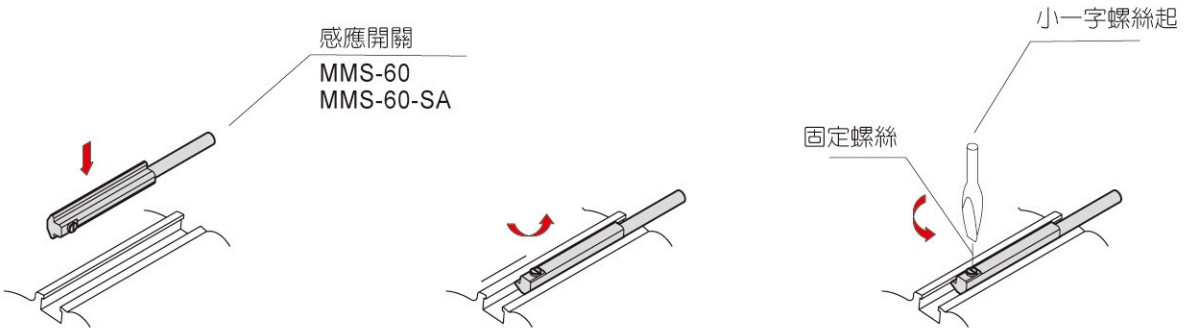
MTX TYPE

後支撐板尺寸圖



代號 / 內徑	A	B	C	D	E	F	G
40	160	55	54	6	84	38	9
50	180	70	65	6	100	46.5	23
63	195	80	75	6	105	56.5	28

(接觸式)C型槽感應器系統 (Contact) C-slot sensor system



- 接觸式C型槽終端位置監控:夾爪磁簧感應器，安裝於夾爪C型槽內。
- 每個機械夾爪需要至少要2個感應器(接觸式)。
- Contact C-slot terminal position monitoring:
  Jaws reed sensor, installed in the C-groove jaws.
- Each mechanical jaws need to be at least two sensors (contact).

型號 Model	型式 Description	建議使用數量 Recom. number of use
MMS-60	直行設計（兩線無接點） Straight design (two-line non-contact)	2