

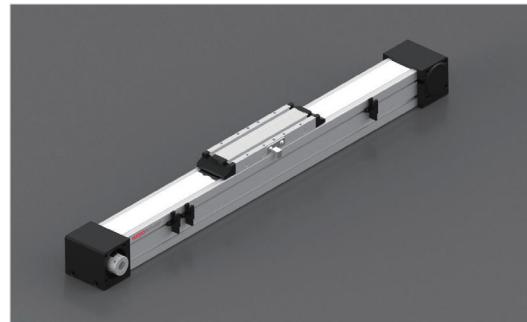
ITC 60/80/100 歐標全密式同步帶驅動型

Belt Driven Linear Actuator

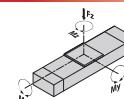
□訂購型號代碼 Code

ITC60	500	L	D01	DB <small>注1</small>	G5	M40	P3	A001
本體型號 Item NO.	行程 Stroke		馬達方向 Motor Mounting Position	輔助滑塊 Auxiliary Guide	減速比 Reduction Ratio	馬達廠牌、功率 Motor Brand, Power Output	限位傳感器數量 Photoelectric Sensor	特注式樣 Special Order No.
ITC60	100~4000mm 請選 Gap 100		D01 未標記:標準滑塊	未標記:標準滑塊	G3 1:3 G4 1:4 G5 1:5 G7 1:7 G10 1:10	M 松下 Mitsubishi 10 ~ P 松下 Panasonic 20 200W Y 安川 Yaskawa 40 400W D 台達 Delta 75 750W 1K 1000W	P1:1只 1PC P2:2只 2PCS P3:3只 3PCS 未标记:无 NoMark:NoSensor	
ITC 80			D02 L+:加長滑塊	DB:輔助滑塊				
ITC100			D03 D04 D05					

注：輔助滑塊選項相關參數參見樣本P122。



■最大動態力和力矩 Max Permissible Forces And Torques

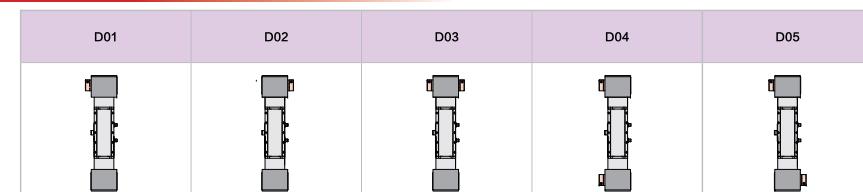


規格 Type	60	60L	80	80L	100	100L
■F(y) (N)	2457	5235	3131	7277	4375	11675
■F(Z) (N)	3375	5335	5120	7277	7860	11675
■(Mx)(N·m)	22	40	75	75	115	135
■(My)(N·m)	78	231	210	558	310	1322
■(Mz)(N·m)	78	231	210	558	310	1322

• 滿足了最大負載和力矩外，還必須滿足以下公式：
All forces and torques relate to the following:

$$\frac{F_y}{F_y \max} + \frac{F_z}{F_z \max} + \frac{M_x}{M_x \max} + \frac{M_y}{M_y \max} + \frac{M_z}{M_z \max} \leq 1$$

■馬達安裝方向 Motor Mounting Position Version



■基本規格 Basic Specification

ITC		60	60L	80	80L	100	100L
技術參數 Technical Parameters		位置重複精度 Repetitive Accuracy (mm)					
		±0.05					
皮帶輪導槽 Pulley Lead (mm)		130					
皮帶型號 Belt Type		5M~25					
最高速度 Maximum Speed (mm/s)		5000					
Technical Parameters	最大可重量 Maximum Payload (Note1)	水平使用 Horizontal (kg)					
	Maximum Payload (Note1)	30	45	50	75	80	120
Basic Specification	垂直使用 Vertical (kg)	20	30	40	60	60	90
	最大空載扭矩 Max. No-load Driving Torque (N·m)	0.35	0.35	0.5	0.5	0.9	0.9
最大扭矩 Max. Driving Torque (N·m)		13.3	13.3	49.8	49.5	105.7	105.7
標準行程 Stroke (mm)		100~4000mm/100pitch					
AC 伺服馬達容量 AC Servo Motor Output (W)		200 / 400	400 / 750			750 / 1000	
高剛性直線滑軌 Linear Guide		15# × 1PCS	20# × 1PCS			25# × 1PCS	
主機載面最大外形 Main Engine's Cross Section (mm)		80 × 79	100 × 106			130 × 130	
原廠應急器 Home Sensor		EE-SX672(NPN)					

#注1：測定條件為無力矩的理論數據，根據力矩和加速度數據會相應改變，具體請參考選型軟件。
Note1: Data change relevantly according to different torque and accelerated speed, please refer to the LIMON calculate software.

歐標全密式同步帶驅動型 ITC 60/80/100

Belt Driven Linear Actuator

ITO Series

HTO Series

ITC Series

HTC Series

ITZ Series

TSG Series

TWG Series

SSG Series

SWG Series

YSO Series

YSC Series

YTO Series

YTC Series

Multiaxis system

ITO Series

HTO Series

ITC Series

HTC Series

ITZ Series

TSG Series

TWG Series

SSG Series

SWG Series

YSO Series

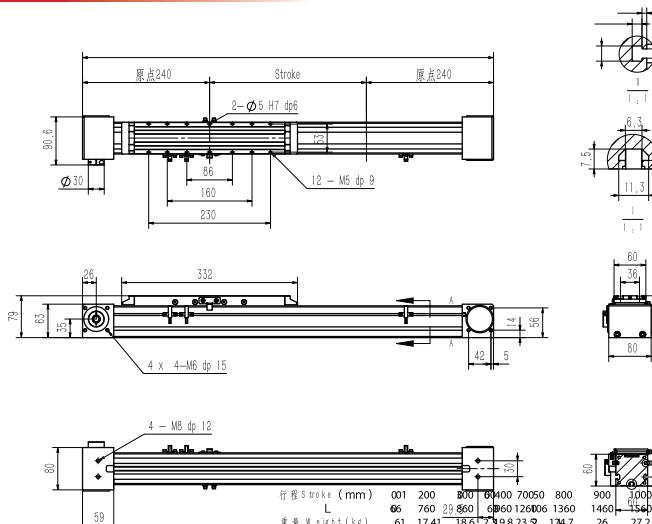
YSC Series

YTO Series

YTC Series

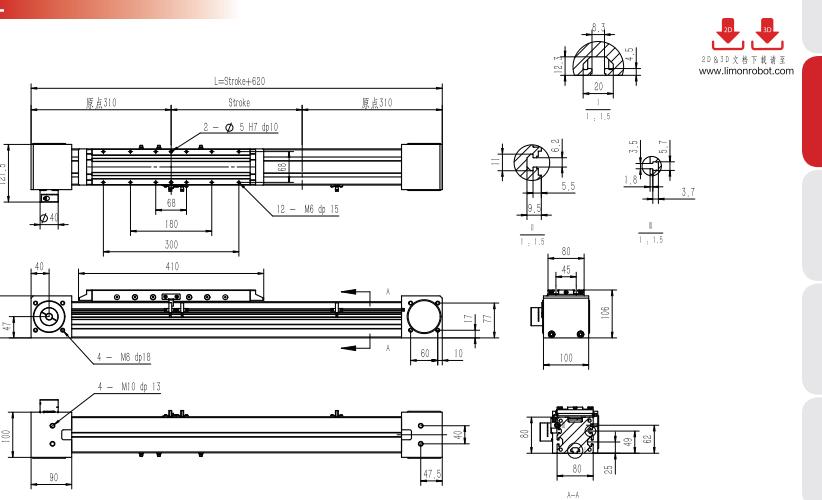
Multiaxis system

ITC 60-L



行程 Stroke (mm)	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
L	580	680	780	880	980	1080	1180	1280	1380	1480	1580	1680	1780	1880	1980	2080	2180	2280	2380	2480
重量 Weight (kg)	3.1	3.6	4.1	4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.1	8.6	9.1	9.6	10.1	10.6	11.1	11.6	12.1	12.6
行程 Stroke (mm)	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000
L	2580	2680	2780	2880	2980	3080	3180	3280	3380	3480	3580	3680	3780	3880	3980	4080	4180	4280	4380	4480
重量 Weight (kg)	13.1	13.6	14.1	14.6	15.1	15.6	16.1	16.6	17.1	17.6	18.1	18.6	19.1	19.6	20.1	20.6	21.1	21.6	22.1	22.6

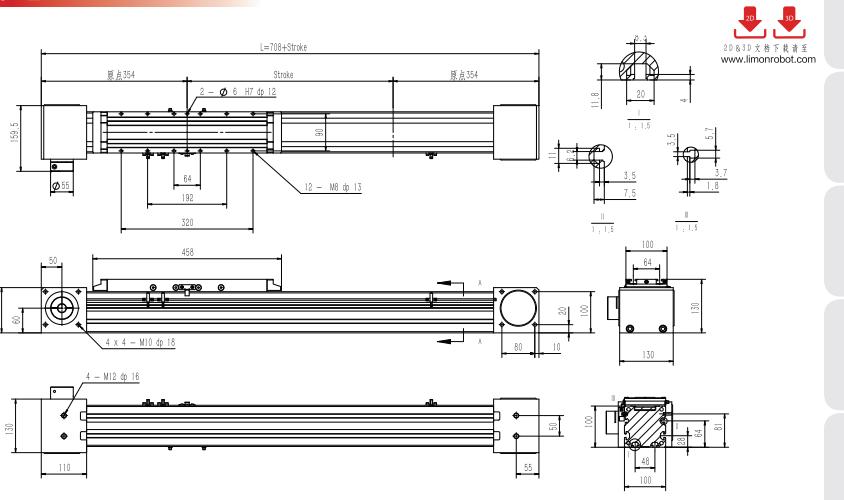
ITC 80-L



行程 Stroke (mm)	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
L	720	820	920	1020	1120	1220	1320	1420	1520	1620	1720	1820	1920	2020	2120	2220	2320	2420	2520	2620
重量 Weight (kg)	9.8	10.6	11.4	12.2	13	13.8	14.6	15.4	16.2	17	17.8	18.6	19.4	20.2	21	21.8	22.6	23.4	24.2	25
行程 Stroke (mm)	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000
L	2720	2820	2920	3020	3120	3220	3320	3420	3520	3620	3720	3820	3920	4020	4120	4220	4320	4420	4520	4620
重量 Weight (kg)	25.8	26.6	27.4	28.2	29	29.8	30.6	31.4	32.2	33	33.8	34.6	35.4	36.2	37	37.8	38.6	39.4	40.2	41

2D & 3D 文档下载
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ITC 100-L



行程 Stroke (mm)	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
L	808	908	1008	1108	1208	1308	1408	1508	1608	1708	1808	1908	2008	2108	2208	2308	2408	2508	2608	2708
重量 Weight (kg)	16.6	17.9	19.2	20.5	21.8	23.1	24.4	25.7	27	28.3	29.6	30.9	32.2	33.5	34.8	36.1	37.4	38.7	40	41.3
行程 Stroke (mm)	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000
L	2808	2908	3008	3108	3208	3308	3408	3508	3608	3708	3808	3908	4008	4108	4208	4308	4408	4508	4608	4708
重量 Weight (kg)	42.6	43.9	45.2	46.5	47.8	49.1	50.4	51.7	53	54.3	55.6	56.9	58.2	59.5	60.8	62.1	63.4	64.7	66	67.3

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