

追求卓越 
创造未来

产品宣传册

PRODUCT BROCHURE



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VERTEX AUTOMATION TECH CO.,LTD



COMPANY INTRODUCTION

企业简介

Vertex Automation Tech Co., Ltd Founded in 2001, is an ISO-9001:2015 certified company headquartered in Shenzhen, Mainland China. We have 15 years of experience in manufacturing single-axis robots, multi-axis robots, ball screws, linear guides, and other automation equipment. We have a highly skilled and experienced development team and a strict quality control system, so our customers are very satisfied with our products.

Vertex Automation Tech is one of the largest manufacturers of automation equipment in China. Our company covers an area of 3,5000 square meters . We strengths lie in precision control and stable product quality.

Currently, our products have been exported to more than 50 countries and regions around the world, including Europe, North America, South America and Southeast Asia.

Excellent quality, competitive price, timely delivery and satisfactory service are the long term tenets of our company. We are looking forward to cooperating with you.

PRODUCT CATALOG

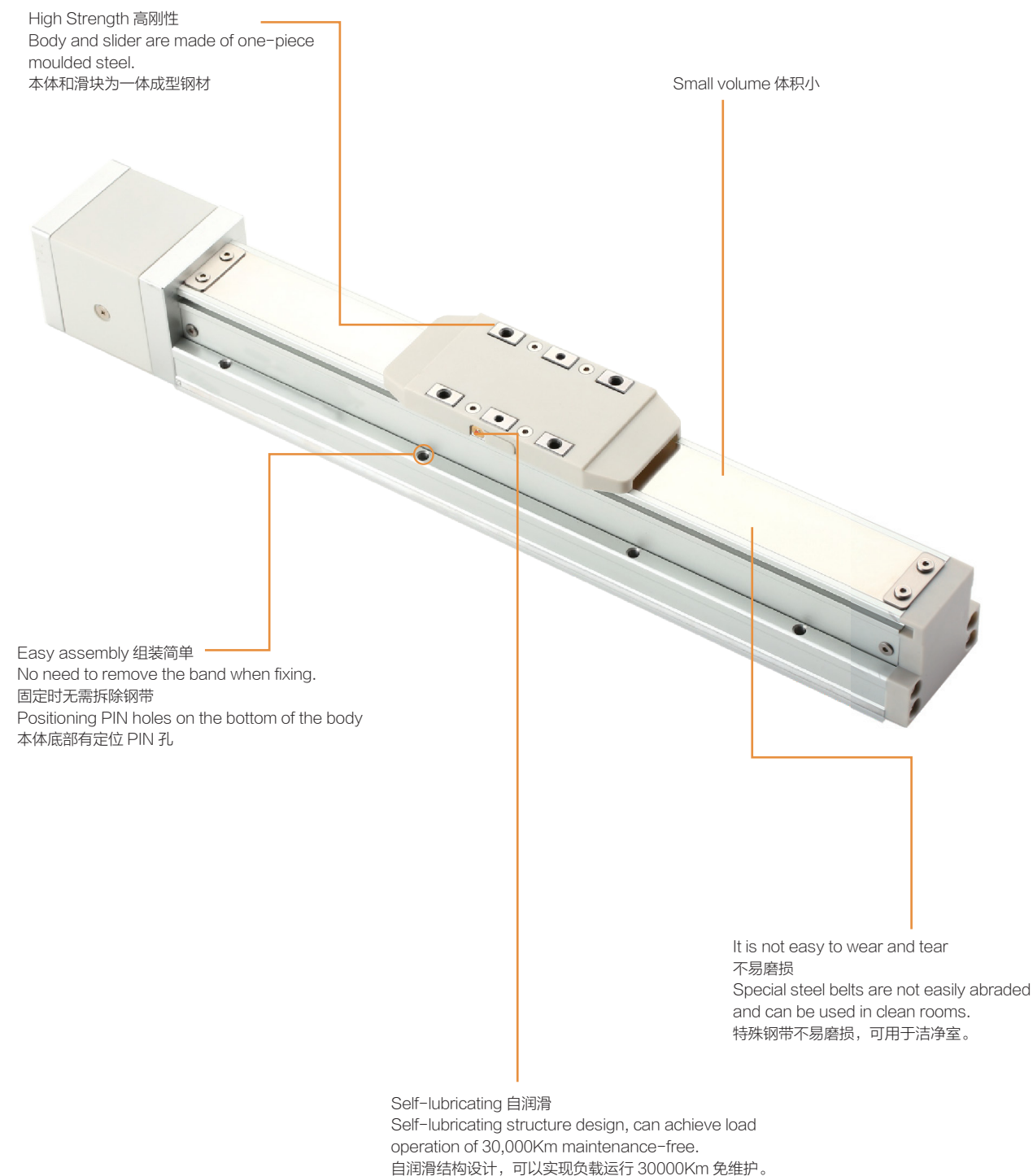
产品目录

CG Single-axis Robot	01
CG5 Series	05
CG8 Series	09
CG12 Series	13

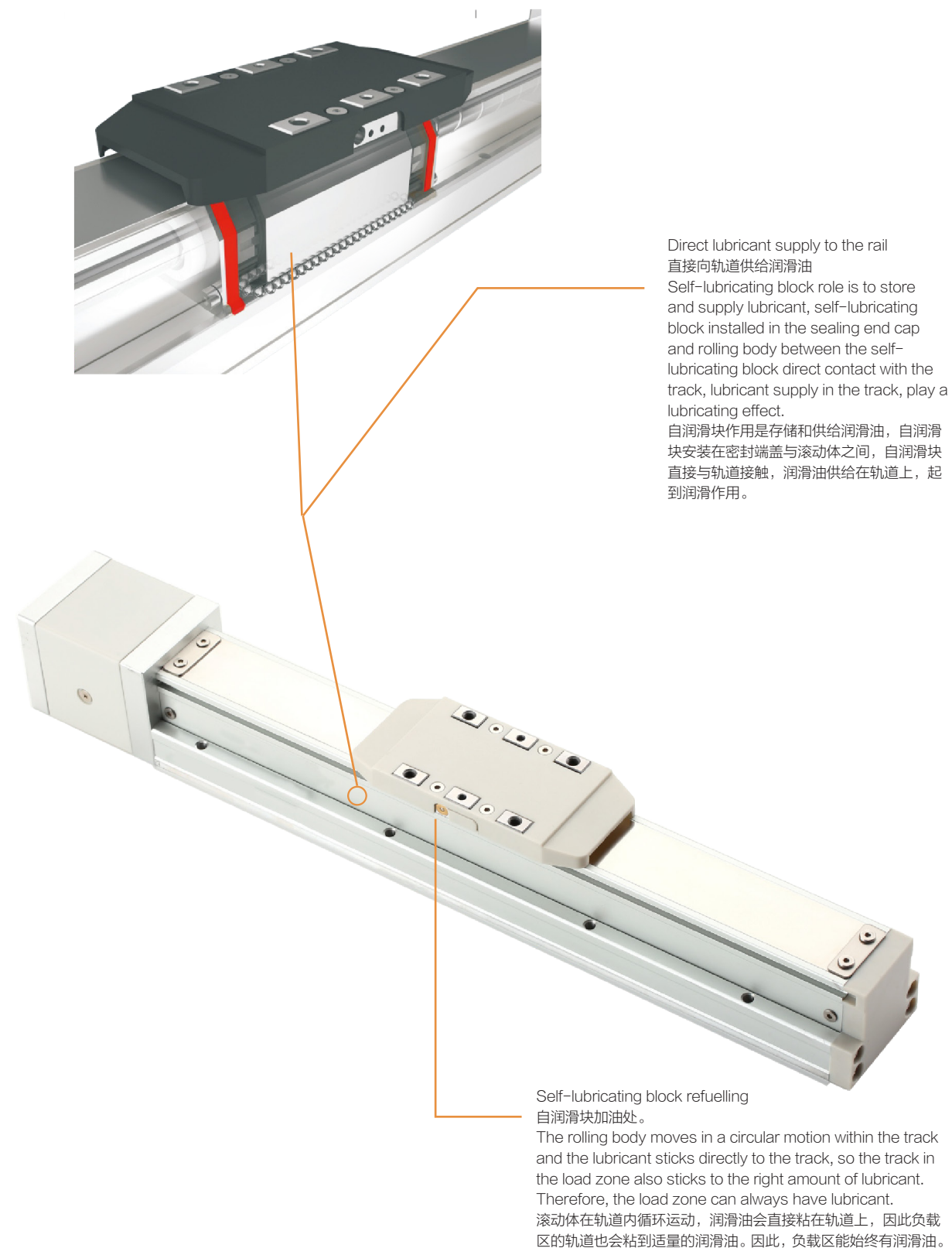


CG Single-axis Robot

internal structure 内部结构图



Self Lubricating Structure 自润滑结构图



Spec Inde 规格索引

CG Built-in LM Guide Electric Actuator–Slider Type
轨道内嵌式滑台模组一滑台式

Environment 使用环境	DrivenMode 传动方式	Speci cation 仕様	Motor Output (w) 马达容量	Width (mm) 本体宽幅	Repeatability(mm) 位置重复 精度	Ball Screw Spec 螺杆规格 (C7 级)		MAX Load 最大可搬重量		Maximum Speed(mm/s) 最高速度 *1			
						Quter Diameter(mm) 外径	Lead(mm) 导程	Horizontal 水平使用	Vertical 垂直使用				
Standard 一般环境	Ballscrew 滚珠螺桿	GTHS5	100W	54	± 0.01	12	2	30	10	100			
							5	30	10	250			
							10	15	5	500			
							20	10	2.5	1000			
		GTHS8	200W	82	± 0.01	16	5	50	15	250			
							10	30	8	500			
			400W				20	18	3	1000			
		GTHS12	400W				120	± 0.01	16	5	110	33	250
										10	88	22	500
										20	40	10	1000
				32	30	8				1600			

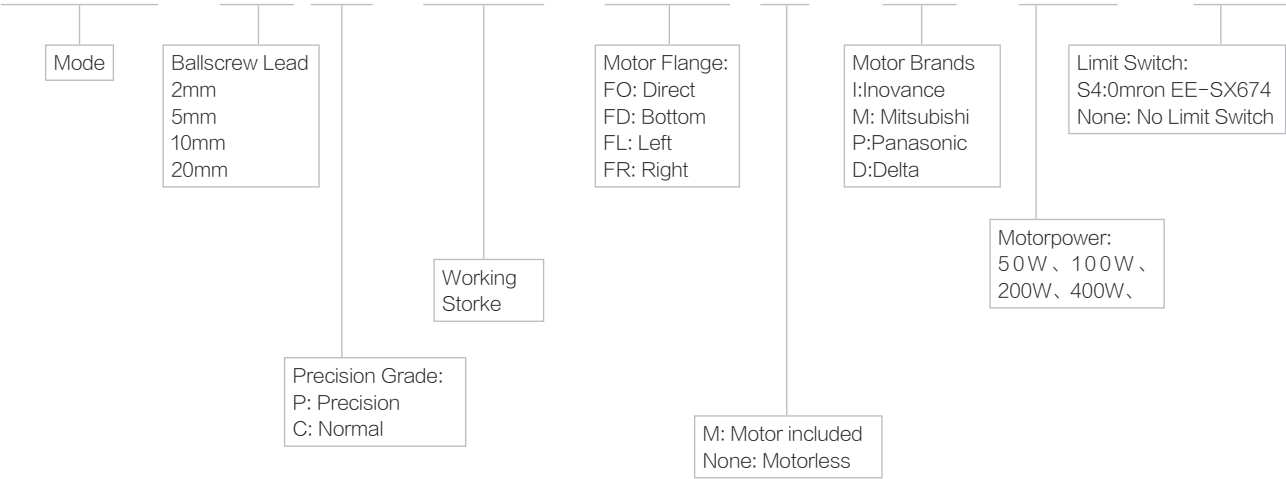
Stroke(mm)&Maximum Speed(mm/s) 标准行程及最高使用速度																	speed 代表速度												
stroke 行程	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350		
							100						90	80	70	60													
							250						270	200	175	150													
							500						450	400	350	300													
							1000						900	800	700	600													
								250								225	200	175	150	125	100	75							
								500								450	400	350	300	250	200	150							
								1000								900	800	700	600	500	400	300							
									250								225	200	175	167	158	150	133	125	117				
									500								450	400	350	333	317	300	267	250	233				
									1000								900	800	700	667	633	600	533	500	467				
									1600								1440	1280	1120	1067	1013	900	853	800	747				

CG5 Series



Guidefor model Selection 型号表示方式

CG5 - 10 P - 500 - FO M - M - 100 - S4

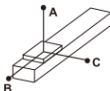


Specification 基本仕様

Spec 规格	Repeatability 位置重复精度 (mm)		± 0.01			
	Belt Lead 螺杆导程 (mm)		2	5	10	20
	Maximum Speed 最高速度 (mm/s)		100	250	500	1000
	Maximum Payload 最大可搬重量	Horizontal 水平使用 (kg)	30	30	15	10
		Vertical 垂直使用 (kg)	10	10	5	2.5
	Rated Thrust 定格推力 (N)		854	341	170	85
	Stroke Pitch 标准行程 (mm)		50~800mm/50 50 mm Pitch 间隔			
Parts 部品	AC Servo Motor Output (w)AC 伺服马达容量		100			
	Ball Screw 滚珠螺杆外径 Φ(mm)		C7 φ12			
	Coupling 联轴器 (mm)		7X8			
	Home Sensor 原点感应器	Outside 外挂	EE-SX674(NPN)			

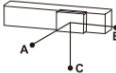
Allowable Overhang
容许负载力距表 N.m

StaticLoading Moment
静态容许负载惯量



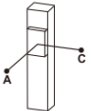
Unit: mm

Horizontal installation 水平安装		A	B	C
Lead 导程 2	10kg	900	100	135
	20kg	700	45	60
	30kg	550	25	35
Lead 导程 5	10kg	650	75	100
	20kg	440	32	45
	30kg	270	19	25
Lead 导程 10	5kg	600	145	185
	10kg	370	70	85
	15kg	250	42	52
Lead 导程 20	5kg	320	120	130
	8kg	220	70	80
	10kg	175	55	60



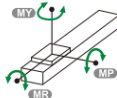
Unit: mm

Wall installation 墙面安装		A	B	C
Lead 导程 2	10kg	135	100	900
	20kg	60	45	700
	30kg	37	27	550
Lead 导程 5	10kg	100	75	650
	20kg	45	32	420
	30kg	25	19	260
Lead 导程 10	5kg	180	145	600
	10kg	85	68	370
	15kg	52	42	250
Lead 导程 20	5kg	130	120	320
	8kg	75	70	220
	10kg	60	55	170



Unit: mm

Vertical installation 垂直安装		A	C
Lead 导程 2	6kg	180	180
	8kg	135	135
	10kg	110	110
Lead 导程 5	6kg	145	145
	8kg	110	110
	10kg	90	90
Lead 导程 10	1kg	800	800
	3kg	260	260
	5kg	155	155
Lead 导程 20	1kg	600	600
	2kg	300	300
	2.5kg	250	250



Unit: mm

MY	103
MP	103
MR	144

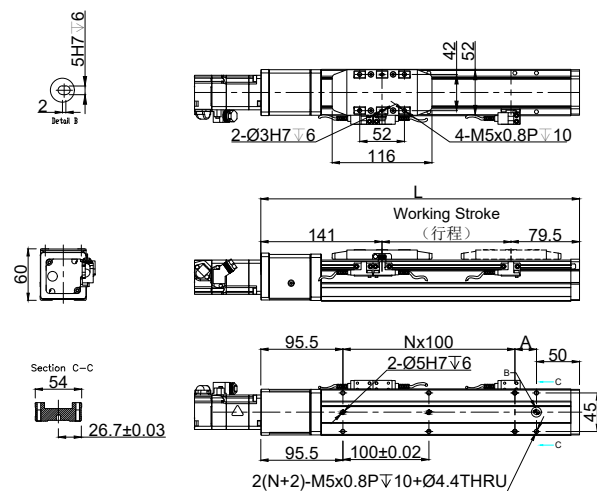
The torque value in the chart indicate the center of gravity
※ 力距表所表示的数据, 代表重心。
Operation life is 10,000km when the product is using under thespecified conditions.
※ 符合型录规范的正常使用时, 保证寿命为 10000 公里。
Data information is not for ceiling-mount inverse use.Contact us for the details if you want to apply ceiling-mountinverse usage.
※ 倒吊使用无法套用标准规范, 如有需求请洽询我司业务。

Suitable Motor Brand 搭配伺服马达一览表

Brand 厂牌	Mark 马达记号	Brake 煞车有无	Watt 马达容量	AC-Voltage 电源电压	Motor Model 伺服马达型号	Driver Model 驱动器型号
Mitsubishi 三菱	M	No Brake (Horizontal Type) 无煞车 (水平仕様)	100	220	HG-KR13	MR-J4-10A
		With Brake (Vertical Type) 有煞车 (垂直仕様)	100	220	HG-KR13B	MR-J4-10A
Panasonic 松下	P	No Brake (Horizontal Type) 无煞车 (水平仕様)	100	220	MSMD012G1U	MADHT1505
		With Brake (Vertical Type) 有煞车 (垂直仕様)	100	220	MSMD012G1V	MADHT1505
Delta 台达	T	No Brake (Horizontal Type) 无煞车 (水平仕様)	100	220	ECMA-C20401ES	ASD-B20121-B
		With Brake (Vertical Type) 有煞车 (垂直仕様)	100	220	ECMA-C20401FS	ASD-B20121-B

CG5-FO

Unit: mm

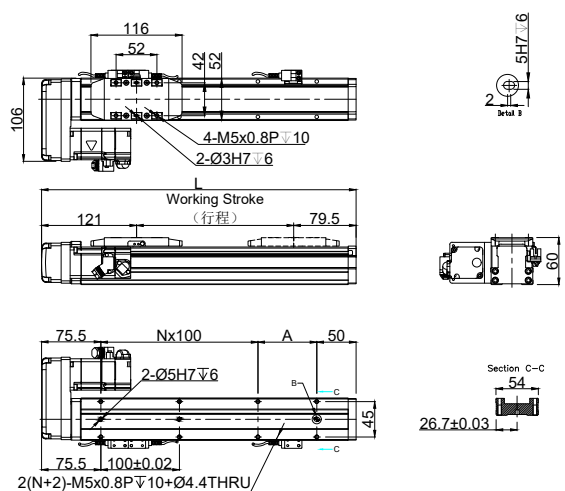


Working Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
N	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8
L	270.5	320.5	370.5	420.5	470.5	520.5	570.5	620.5	670.5	720.5	770.5	820.5	870.5	920.5	970.5	1020.5
A	25	75	25	75	25	75	25	75	25	75	25	75	25	75	25	75
Weight:kg	2.3	2.6	2.9	3.2	3.5	3.8	4.1	4.4	4.7	5	5.3	5.6	5.9	6.2	6.5	6.8

Note: Vibration might occur when the working stroke is longer than 600mm.Weight without motor.

CG5-FR

Unit: mm

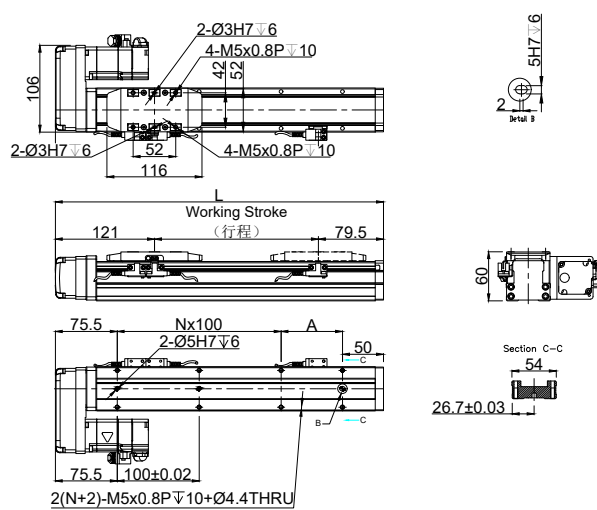


Working Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
N	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8
L	250.5	300.5	350.5	400.5	450.5	500.5	550.5	600.5	650.5	700.5	750.5	800.5	850.5	900.5	950.5	1000.5
A	25	75	25	75	25	75	25	75	25	75	25	75	25	75	25	75
Weight:kg	2.4	2.7	3	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6	6.3	6.6	6.9

Note: Vibration might occur when the working stroke is longer than 600mm.Weight without motor.

CG5-FL

Unit: mm

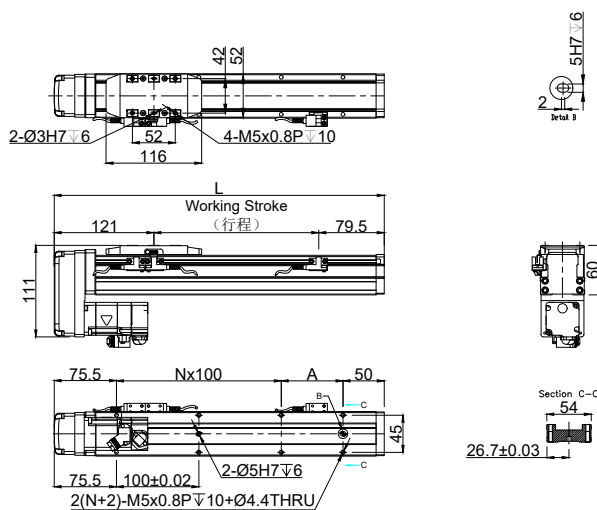


Working Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
N	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8
L	250.5	300.5	350.5	400.5	450.5	500.5	550.5	600.5	650.5	700.5	750.5	800.5	850.5	900.5	950.5	1000.5
A	25	75	25	75	25	75	25	75	25	75	25	75	25	75	25	75
Weight:kg	2.4	2.7	3	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6	6.3	6.6	6.9

Note: Vibration might occur when the working stroke is longer than 600mm.Weight without motor.

CG5-FD

Unit: mm



Working Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
N	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8
L	250.5	300.5	350.5	400.5	450.5	500.5	550.5	600.5	650.5	700.5	750.5	800.5	850.5	900.5	950.5	1000.5
A	25	75	25	75	25	75	25	75	25	75	25	75	25	75	25	75
Weight:kg	2.4	2.7	3	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6	6.3	6.6	6.9

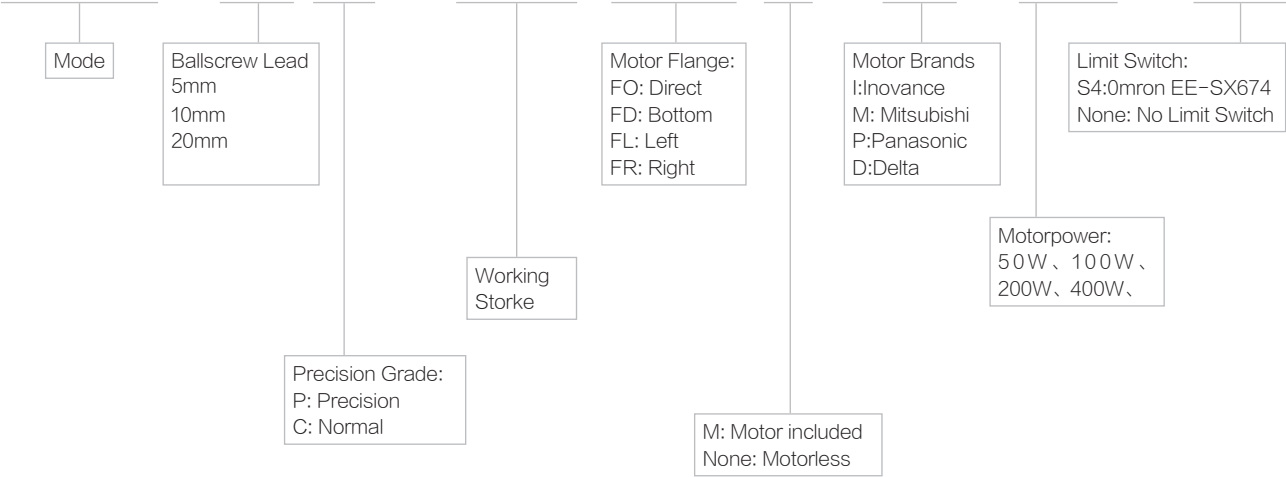
Note: Vibration might occur when the working stroke is longer than 600mm.Weight without motor.

CG8 Series



Guidefor model Selection 型号表示方式

CG8 - 10 P - 500 - FO M - M - 100 - S4



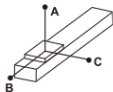
Specification 基本仕様

Spec 规格	Repeatability 位置重复精度 (mm)		± 0.01		
	Belt Lead 螺杆导程 (mm)		5	10	20
	Maximum Speed 最高速度 (mm/s)		250	500	1000
	Maximum Payload 最大可搬重量	Horizontal 水平使用 (kg)	50	30	18
		Vertical 垂直使用 (kg)	15	8	3
	Rated Thrust 定格推力 (N)		683	341	174
	Stroke Pitch 标准行程 (mm)		50~1100mm/50 50 mm Pitch 间隔		
Parts 部品	AC Servo Motor Output (w)AC 伺服马达容量		200		
	Ball Screw 滚珠螺杆外径 Φ(mm)		C7 φ16		
	Coupling 联轴器 (mm)		10X14/11(注 1)		
	Home Sensor 原点感应器	Outside 外挂	EE~SX674(NPN)		

Motor (200W) Shaft Diameter: Panasonic: 11mm; Other: 14mm. 注 1: 使用 Panasonic200W 马达时，马达轴心为中 11; 其他厂牌，马达轴心为中 14。

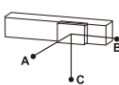
Allowable Overhang
容许负载力距表 N.m

StaticLoading Moment
静态容许负载惯量



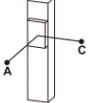
Unit: mm

Horizontal installation 水平安装		A	B	C
Lead 导程 5	20kg	1560	153	237
	35kg	890	81	126
	50kg	550	53	82
Lead 导程 10	10kg	1730	286	412
	20kg	839	136	196
	30kg	541	86	124
Lead 导程 20	6kg	1213	403	493
	9kg	800	264	323
	18kg	592	194	238



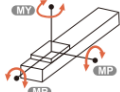
Unit: mm

Wall installation 墙面安装		A	B	C
Lead 导程 5	20kg	214	153	1435
	35kg	113	81	845
	50kg	74	53	506
Lead 导程 10	10kg	370	286	1400
	20kg	176	136	800
	30kg	112	86	495
Lead 导程 20	6kg	444	403	760
	9kg	292	264	277
	18kg	214	194	544



Unit: mm

Vertical installation 垂直安装		A	C
Lead 导程 5	10kg	331	331
	15kg	220	220
	-	-	-
Lead 导程 10	5kg	589	589
	8kg	368	368
	-	-	-
Lead 导程 20	3kg	935	935
	-	-	-
	-	-	-



Unit: mm

MY	318
MP	318
MR	626

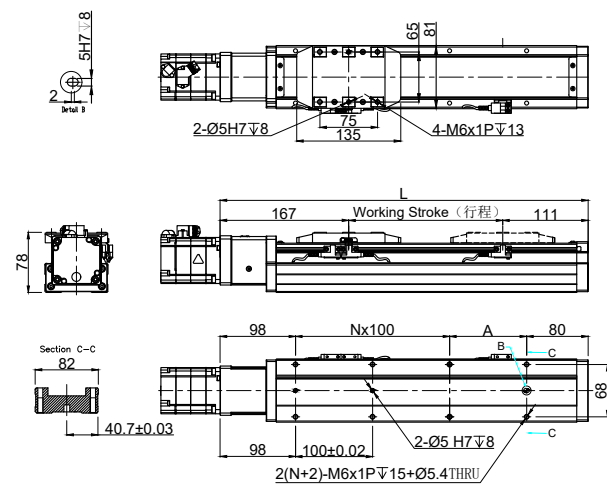
The torque value in the chart indicate the center of gravity
※ 力距表所表示的数据，代表重心。
Operation life is 10,000km when the product is using under thespeciXed conditions.
※ 符合型录规范的正常使用时，保证寿命为 10000 公里。
Data information is not for ceiling-mount inverse use.Contact us for the details if you want to apply ceiling-mountinverse usage.
※ 倒吊使用无法套用标准规范，如有需求请洽询我司业务。

Suitable Motor Brand 搭配伺服马达一览表

Brand 厂牌	Mark 马达记号	Brake 煞车有无	Watt 马达容量	AC-Voltage 电源电压	Motor Model 伺服马达型号	Driver Model 驱动器型号
Mitsubishi 三菱	M	No Brake (Horizontal Type) 无煞车 (水平仕様)	200	220	HG-KR23	MR-J4-20A
		With Brake (Vertical Type) 有煞车 (垂直仕様)	200	220	HG-KR23B	MR-J4-20A
Panasonic 松下	P	No Brake (Horizontal Type) 无煞车 (水平仕様)	200	220	MHMD022G1U	MADHT1507
		With Brake (Vertical Type) 有煞车 (垂直仕様)	200	220	MHMD022G1V	MADHT1507
Delta 台达	T	No Brake (Horizontal Type) 无煞车 (水平仕様)	200	220	ECMA-C20602ES	ASD-B20221-B
		With Brake (Vertical Type) 有煞车 (垂直仕様)	200	220	ECMA-C20602FS	ASD-B20221-B

CG8-FO

Unit: mm

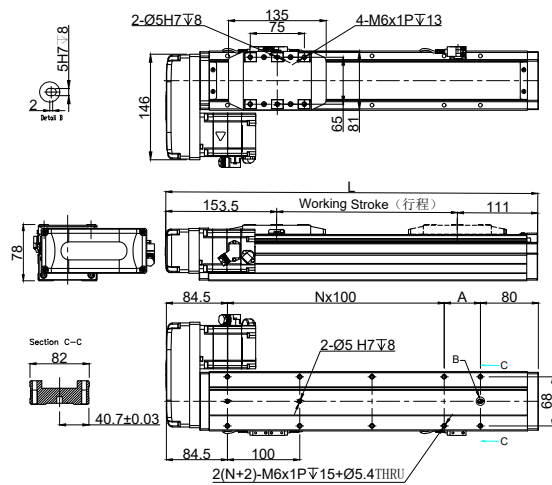


Working Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100
N	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11
L	328	378	428	478	528	578	628	678	728	778	828	878	928	978	1028	1078	1128	1178	1228	1278	1328	1378
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100
Weight:kg	5.2	5.5	5.8	6.1	6.4	6.7	7	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.7	10	10.3	10.6	10.9	11.2	11.5

Note: Vibration might occur when the working stroke is longer than 600mm.Weight without motor.

CG8-FR

Unit: mm

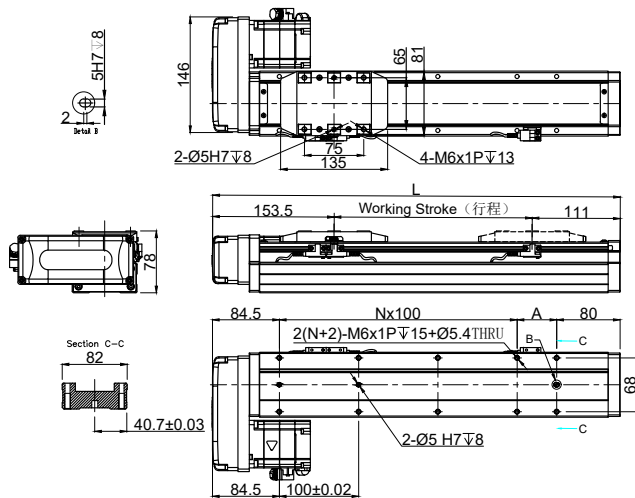


Working Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100
N	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11
L	314.5	364.5	414.5	464.5	514.5	564.5	614.5	664.5	714.5	764.5	814.5	864.5	914.5	964.5	1014.5	1064.5	1114.5	1164.5	1214.5	1264.5	1314.5	1364.5
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100
Weight:kg	5.2	5.5	5.8	6.1	6.4	6.7	7	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.7	10	10.3	10.6	10.9	11.2	11.5

Note: Vibration might occur when the working stroke is longer than 600mm.Weight without motor.

CG8-FL

Unit: mm

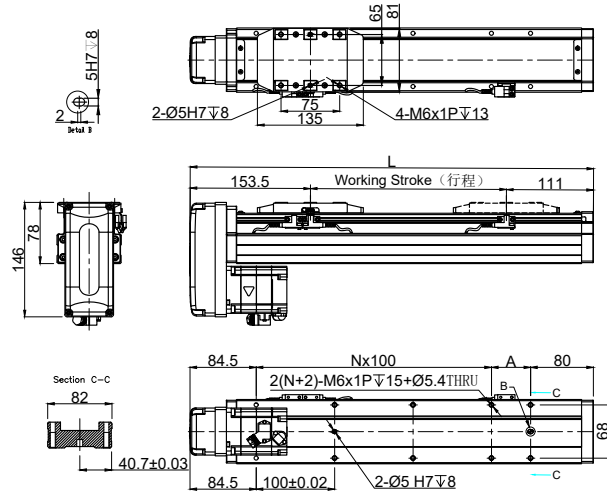


Working Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100
N	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11
L	314.5	364.5	414.5	464.5	514.5	564.5	614.5	664.5	714.5	764.5	814.5	864.5	914.5	964.5	1014.5	1064.5	1114.5	1164.5	1214.5	1264.5	1314.5	1364.5
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100
Weight:kg	5.2	5.5	5.8	6.1	6.4	6.7	7	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.7	10	10.3	10.6	10.9	11.2	11.5

Note: Vibration might occur when the working stroke is longer than 600mm.Weight without motor.

CG8-FD

Unit: mm



Working Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100
N	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11
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
Weight:kg	5.2	5.5	5.8	6.1	6.4	6.7	7	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.7	10	10.3	10.6	10.9	11.2	11.5

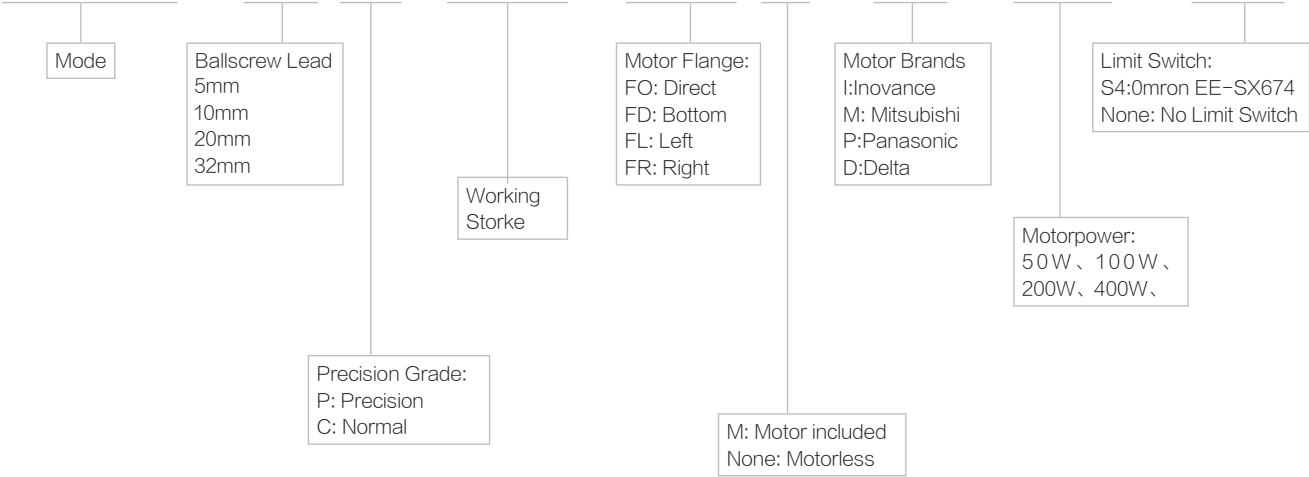
Note: Vibration might occur when the working stroke is longer than 600mm.Weight without motor.

CG12 Series



Guidefor model Selection 型号表示方式

CG12 - 10 P - 500 - FO M - M - 100 - S4

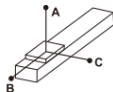


Specification 基本仕様

Spec 规格	Repeatability 位置重复精度 (mm)		± 0.01			
	Belt Lead 螺杆导程 (mm)		5	10	20	32
	Maximum Speed 最高速度 (mm/s)		250	500	1000	1250
	Maximum Payload 最大可搬重量	Horizontal 水平使用 (kg)	110	88	40	30
		Vertical 垂直使用 (kg)	33	22	10	8
	Rated Thrust 定格推力 (N)		1388	694	347	218
	Stroke Pitch 标准行程 (mm)		50~1250mm/50 50 mm Pitch 间隔			
Parts 部品	AC Servo Motor Output (w)AC 伺服马达容量		400			
	Ball Screw 滚珠螺杆外径 Φ(mm)		C7 φ16			
	Coupling 联轴器 (mm)		10X14			
	Home Sensor 原点感应器	Outside 外挂	EE-SX674(NPN)			

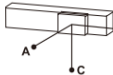
Allowable Overhang
容许负载力距表 N.m

StaticLoading Moment
静态容许负载惯量



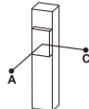
Unit: mm

Horizontal installation 水平安装		A	B	C
Lead 导程 5	60kg	2850	250	340
	80kg	2100	180	250
	110kg	1500	120	170
Lead 导程 10	30kg	2850	490	600
	50kg	1700	280	350
	88kg	950	140	190
Lead 导程 20	10kg	3400	1250	1400
	22kg	1650	550	620
	40kg	900	290	330
Lead 导程 32	15kg	1100	570	550
	25kg	620	330	320
	30kg	520	270	260



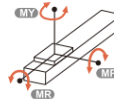
Unit: mm

Wall installation 墙面安装		A	B	C
Lead 导程 2	55kg	280	280	3300
	75kg	200	195	2400
	110kg	130	125	1550
Lead 导程 5	35kg	400	410	2500
	55kg	245	250	1550
	88kg	150	150	950
Lead 导程 10	12kg	900	1070	3000
	20kg	550	630	1800
	40kg	260	300	900
Lead 导程 20	15kg	440	570	1050
	30kg	210	270	520
	-	-	-	-



Unit: mm

Vertical installation 垂直安装		A	C
Lead 导程 2	15kg	1200	1200
	22kg	820	820
	33kg	550	550
Lead 导程 5	10kg	1600	1600
	14kg	1150	1150
	22kg	730	730
Lead 导程 10	7kg	1800	1800
	10kg	1250	1250
	-	-	-
Lead 导程 20	5kg	1600	1600
	8kg	1000	1000
	-	-	-



Unit: mm

MY	1168
MP	606
MR	606

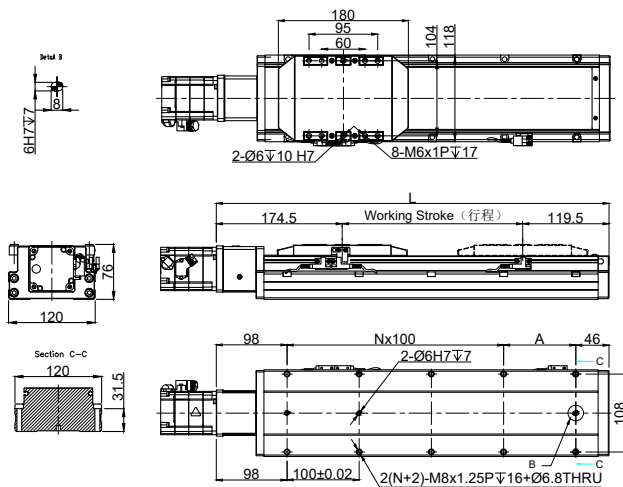
The torque value in the chart indicate the center of gravity
※ 力距表所表示的数据, 代表重心。
Operation life is 10,000km when the product is using under thespeciXed conditions.
※ 符合型录规范的正常使用时, 保证寿命为 10000 公里。
Data information is not for ceiling-mount inverse use.Contact us for the details if you want to apply ceiling-mountinverse usage.
※ 倒吊使用无法套用标准规范, 如有需求请洽询我司业务。

Suitable Motor Brand 搭配伺服马达一览表

Brand 厂牌	Mark 马达记号	Brake 煞车有无	Watt 马达容量	AC-Voltage 电源电压	Motor Model 伺服马达型号	Driver Model 驱动器型号
Mitsubishi 三菱	M	No Brake (Horizontal Type) 无煞车 (水平仕様)	400	220	HG-KR43	MR-J4-40A
		With Brake (Vertical Type) 有煞车 (垂直仕様)	400	220	HG-KR43B	MR-J4-40A
Panasonic 松下	P	No Brake (Horizontal Type) 无煞车 (水平仕様)	400	220	MSMD042G1U	MBDHT2510
		With Brake (Vertical Type) 有煞车 (垂直仕様)	400	220	MSMD042G1V	MBDHT2510
Delta 台达	T	No Brake (Horizontal Type) 无煞车 (水平仕様)	400	220	ECMA-C20604ES	ASD-B20421-B
		With Brake (Vertical Type) 有煞车 (垂直仕様)	400	220	ECMA-C20604FS	ASD-B20421-B

CG12-FO

Unit: mm

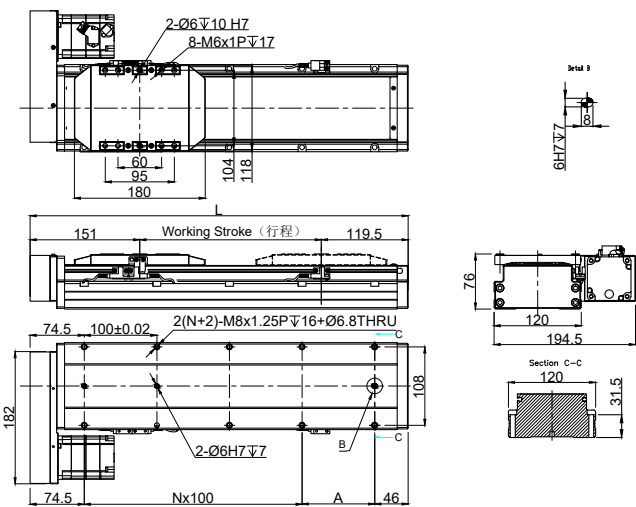


Working Stroke	※50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250
N	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13
L	344	394	444	494	544	594	644	694	744	794	844	894	944	994	1044	1094	1144	1194	1244	1294	1344	1394	1444	1494	1544
A	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100
Weight:kg	5.1	5.5	5.9	6.3	6.7	7.1	7.5	7.9	8.3	8.7	9.1	9.5	9.9	10.3	10.7	11.1	11.5	11.9	12.3	12.7	13.1	13.5	13.9	14.3	14.7

Note: Vibration might occur when the working stroke is longer than 800mm.Weight without
※Working stroke 50mm, using the upper fixing type slider blocked two holes, can only use the end of the 4 holes fixing, recommended to use the lower fixing type.

CG12-FL

Unit: mm

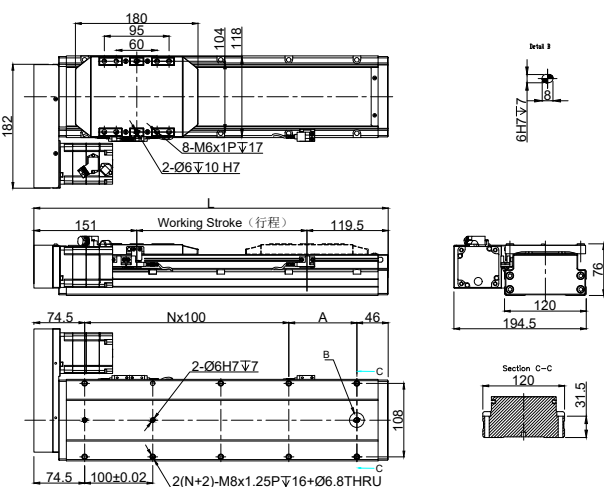


Working Stroke	※50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250
N	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13
L	320.5	370.5	420.5	470.5	520.5	570.5	620.5	670.5	720.5	770.5	820.5	870.5	920.5	970.5	1020.5	1070.5	1120.5	1170.5	1220.5	1270.5	1320.5	1370.5	1420.5	1470.5	1520.5
A	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100
Weight:kg	5.3	5.7	6.1	6.7	7.1	7.5	7.9	8.3	8.7	9.1	9.5	9.9	10.3	10.7	11.1	11.5	11.9	12.3	12.7	13.1	13.5	13.9	14.3	14.7	15.1

Note: Vibration might occur when the working stroke is longer than 800mm.Weight without
※Working stroke 50mm, using the upper fixing type slider blocked two holes, can only use the end of the 4 holes fixing, recommended to use the lower fixing type.

CG12-FR

Unit: mm

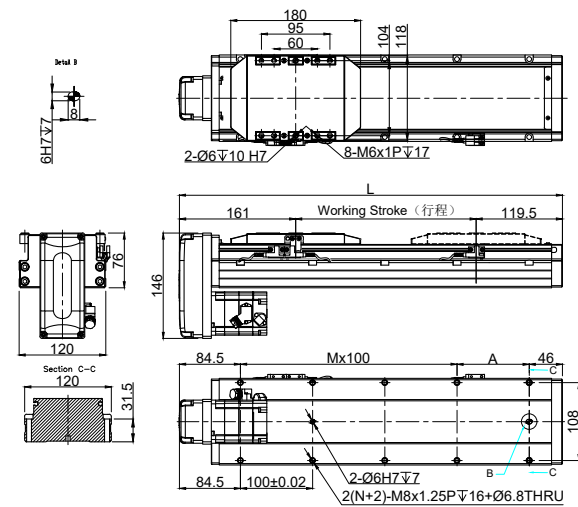


Working Stroke	※50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250
N	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13
L	320.5	370.5	420.5	470.5	520.5	570.5	620.5	670.5	720.5	770.5	820.5	870.5	920.5	970.5	1020.5	1070.5	1120.5	1170.5	1220.5	1270.5	1320.5	1370.5	1420.5	1470.5	1520.5
A	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100
Weight:kg	5.3	5.7	6.1	6.7	7.1	7.5	7.9	8.3	8.7	9.1	9.5	9.9	10.3	10.7	11.1	11.5	11.9	12.3	12.7	13.1	13.5	13.9	14.3	14.7	15.1

Note: Vibration might occur when the working stroke is longer than 800mm.Weight without
※Working stroke 50mm, using the upper fixing type slider blocked two holes, can only use the end of the 4 holes fixing, recommended to use the lower fixing type.

CG12-FD

Unit: mm



Working Stroke	※50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250
N	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13
L	330.5	380.5	430.5	480.5	530.5	580.5	630.5	680.5	730.5	780.5	830.5	880.5	930.5	980.5	1030.5	1080.5	1130.5	1180.5	1230.5	1280.5	1330.5	1380.5	1430.5	1480.5	1530.5
A	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100
Weight:kg	5.3	5.7	6.1	6.7	7.1	7.5	7.9	8.3	8.7	9.1	9.5	9.9	10.3	10.7	11.1	11.5	11.9	12.3	12.7	13.1	13.5	13.9	14.3	14.7	15.1

Note: Vibration might occur when the working stroke is longer than 800mm.Weight without
※Working stroke 50mm, using the upper fixing type slider blocked two holes, can only use the end of the 4 holes fixing, recommended to use the lower fixing type.