



**杭州安久传动有限公司**

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## 交流减速电机 AC GEAR MOTOR

**杭州安久传动有限公司**  
Hangzhou ANG Drive Co.,Ltd.

我們立足于長期的精心科研和先進的管理理念，利用精良的生產和檢測設備，以高品質的產品和完善周到的服務爭取市場，幫助客戶在全球範圍內取得成功。

Based on constant research, advanced management, sophisticated production and testing equipment, we develop market with high-quality products and thoughtful service, so as to help customers achieve success all over the world.



## 企業簡介

杭州安久傳動有限公司主要經營交流與直流電機、減速機、控制器以及相關傳動產品。

公司嚴格執行質量管理體系，從開發設計，原料採購，進料檢驗、一貫化制程到成品包裝出貨，皆層層嚴格把關，期望為廣大客戶提供高性能、低成本、更適合的專業傳動方案。

我們堅持優質產品、優質服務，為客戶創造價值，讓客戶滿意。

ANG Drive is specialized in AC & DC motor, gearbox, controller and related components.

The company strictly implements the quality management system, from design & development, raw material procurement, incoming inspection, consistent process to the finished product packaging & delivery, and expects to provide our customers with high performance, competitive price and more suitable transmission solutions.

We insist on high-quality products and services to create value for customers and satisfy customers.

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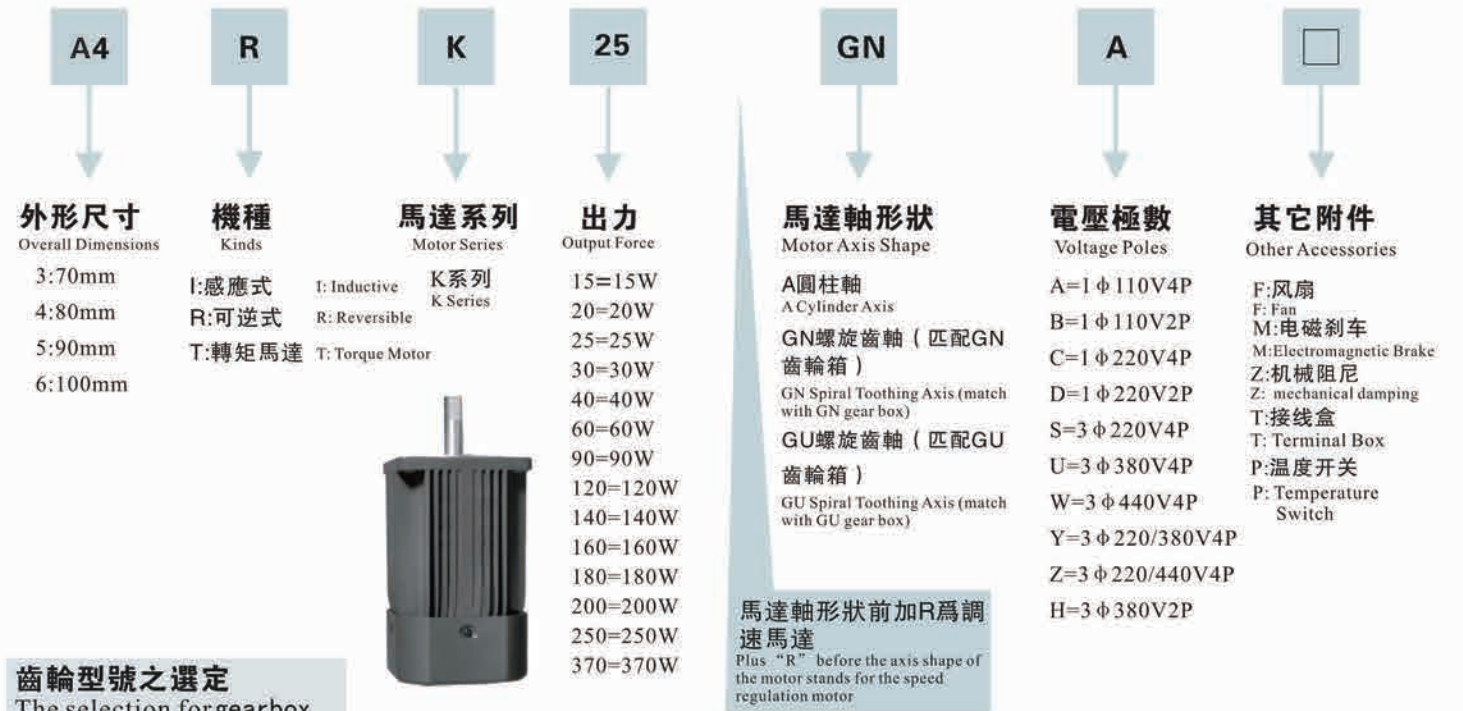
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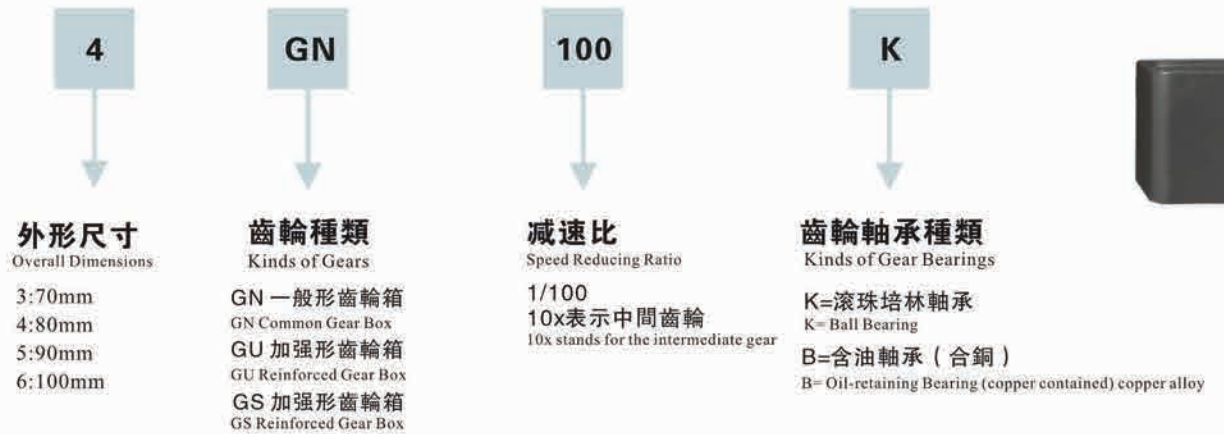
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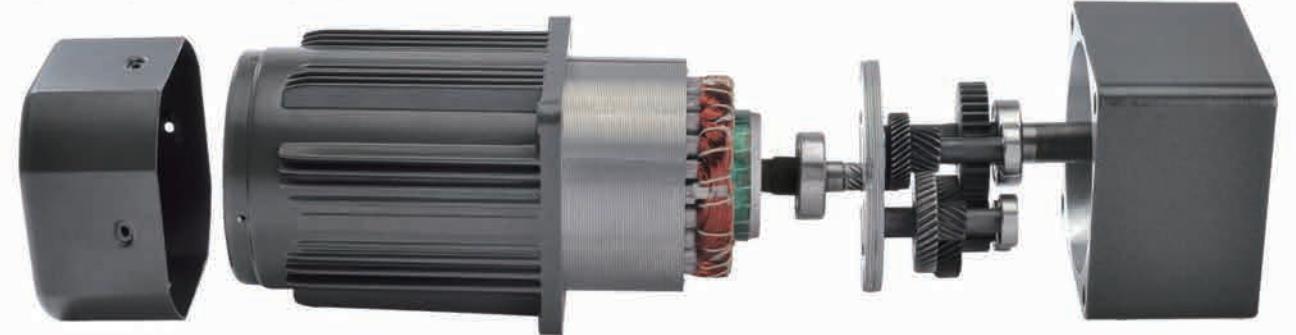
## 交流馬達型號之選定 The selection for AC motor



## 齒輪型號之選定 The selection for gearbox



## 安久產品模塊化組合體系 MODULAR COMBINED SYSTEM OF ANG PRODUCT



# 6/10W

□ 60mm



## 電機特性

List of motor characteristics

電機型號 Motor model	規格 Specs	輸出功率 Output Power W	電源電壓 Voltage V	頻率 Frequency Hz	電流 Current A	起動扭矩 Starting Torque		額定扭矩 Rated Torque		額定轉速 Rated Revolution r/min	電容量/耐壓 Capacity/ve μF/VAC
						mN.m	gf.cm	mN.m	gf.cm		
A2IK6GN-C A2IK6A-C	感應 Induction	6	單相 1-phase 220	50	0.13	60	600	46	460	1200	0.8μF/450V
				60	0.14	50	500	41	410	1450	0.8μF/450V
A2IK6GN-A A2IK6A-A		6	單相 1-phase 110	50	0.24	60	600	46	460	1200	3μF/250V
				60	0.25	50	500	41	410	1450	3μF/250V
A2IK10GN-C A2IK10A-C		10	單相 1-phase 220	50	0.18	97	970	82	820	1200	1μF/450V
				60	0.16	81	810	69	690	1450	1μF/450V
A2IK10GN-A A2IK10A-A	10	單相 1-phase 110	50	0.31	97	970	82	820	1200	3.5μF/250V	
			60	0.28	81	810	69	690	1450	3.5μF/250V	

- 上表參數是指電機單體，不附加任何負荷裝置。
- 電機額定轉速、額定電流允許在±5%範圍內變動。

- Parameters in above table refer to motor alone, without any load device.
- Permissible change in rated speed and rated current of the motor is within the range of ±5%.

## 減速電機允許負載

Allowable load for the gear motor

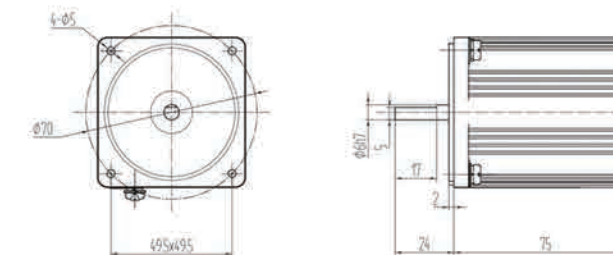
減速參數 Geared-down parameter	同步轉速r/m Synchronous speed	減速比 ratio																						
		500	417	300	250	200	150	120	100	83	75	60	50	42	37	30	25	20	17	15	12.5	10	8	7.5
最大允許負載 Max allowable load	6W	kg.cm	1.2	1.4	2	2.4	3	4	4.9	5.5	6.5	7.3	9.1	11	13	15	16.7	20.1						25
		Nm	0.12	0.14	0.2	0.24	0.3	0.4	0.49	0.55	0.65	0.73	0.91	1.1	1.3	1.5	1.67	2.01						2.5
	10W	kg.cm	2	2.4	3.3	4	5	6.6	8.2	9.9	11	12	15	18	22	24						25		
		Nm	0.2	0.24	0.33	0.4	0.5	0.66	0.82	0.99	1.1	1.2	1.5	1.8	2.2	2.4						2.5		

- 轉速是以電動機的同步轉速為基準除以減速比而算出的數值。實際轉速將隨負載大小變化而比所示數值減少2~15%左右。
- 希望以大于上表的減速比進一步減速時，可在電動機與減速機之間安裝減速比為10的中間減速機。
- 當負載扭矩超過減速電機最大允許負載扭矩，并有堵轉情況存在時，請在減速箱輸出軸和負載連接處加裝扭矩限制裝置，確保齒輪減速箱正常運行。
- The speed is based on the synchronous motor speed reduction ratio as a benchmark calculated by dividing the value of. Actual speed will vary the size of the load changes in less than the values shown in 2~15%.
- Hope to the table of the reduction ratio is greater than the further reduction, it would be installed between the motor and the reducer reduction ratio of 10 the middle of the reducer.
- When the load torque exceeds the maximum allowable load torque gear motor, and a locked rotor situation exists, please slow down box at the junction of the output shaft and load torque limit device installed to ensure the normal operation gearbox.

## 圓軸型

Circular shaft type

A2IK6A-A  
A2IK6A-C  
A2IK6A-Y



結構：電動機 Structure: Electric motor  
重量：0.75kg Weight: 0.75kg

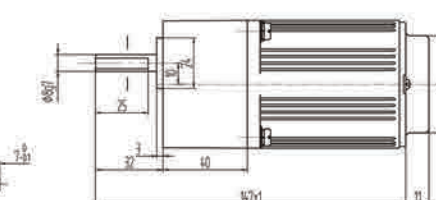
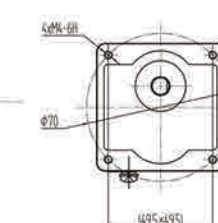
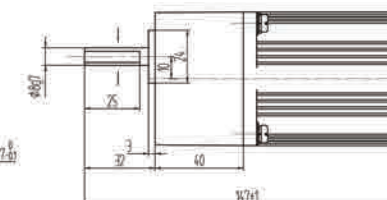
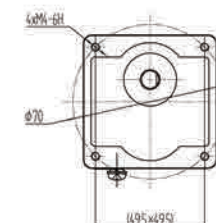
## 定速型

Fixed speed type

## 齒輪品名

Name of Gear 2GN□K

A2IK6GN-A  
A2IK6GN-C  
A2IK6GN-Y



結構：減速器+電動機

重量：1.15kg

減速比：1:3-1:200

Structure: Reducer+Electric motor

Weight: 1.15kg

Speed Reducing Ratio: 1:3-1:200

## 調速型

Speed regulation type

## 齒輪品名

Name of Gear 2GN□K

A2IK6RGN-A  
A2IK6RGN-C  
A2IK6RGN-Y

結構：減速器+電動機+調速器

重量：1.25kg

減速比：1:3-1:200

Structure: Reducer+Electric motor+speed governor

Weight: 1.25kg

Speed Reducing Ratio: 1:3-1:200

# 15/20W

□70mm



## 電機特性

List of motor characteristics

電機型號 Motor model	規格 Specs	輸出功率 Output Power W	電源電壓 Voltage V	頻率 Frequency Hz	電流 Current A	起動扭矩 Starting Torque		額定扭矩 Rated Torque		額定轉速 Rated Revolution r/min	電容量/耐壓 Capacity/Ve μF/VAC
						mN.m	gf.cm	mN.m	gf.cm		
A3IK15GN-C A3IK15A-C	感應 Induction	15	單相 1-phase 220	50	0.15	143	1430	115	1150	1250	1.2/450
				60	0.14	120	1200	95.5	955	1500	1.2/450
A3RK15GN-C A3RK15A-C	可逆 Reversible	15	單相 1-phase 220	50	0.16	187	1870	150	1500	1250	1.5/450
				60	0.18	158	1580	127	1270	1500	1.5/450
A3IK15GN-A A3IK15A-A	感應 Induction	15	單相 1-phase 110	50	0.33	143	1430	115	1150	1250	5/250
				60	0.30	120	1200	95.5	955	1500	5/250
A3RK15GN-A A3RK15A-A	可逆 Reversible	15	單相 1-phase 110	50	0.36	187	1870	150	1500	1250	6/250
				60	0.38	158	1580	127	1270	1500	6/250
A3IK15GN-U A3IK15A-U	—	15	三相 3-phase 380	50	0.06	143	1430	115	1150	1250	—
				60	0.055	120	1200	95.5	955	1500	—
A3RK15GN-S A3RK15A-S	—	15	三相 3-phase 220	50	0.1	143	1430	115	1150	1250	—
				60	0.1	120	1200	95.5	955	1500	—
A3IK20GN-C A3IK20A-C	感應 Induction	20	單相 1-phase 220	50	0.22	187	1870	150	1500	1250	2/450
				60	0.22	158	1580	127	1270	1500	2/450
A3RK20GN-C A3RK20A-C	可逆 Reversible	20	單相 1-phase 220	50	0.26	187	1870	150	1500	1300	2.5/450
				60	0.28	158	1580	127	1270	1550	2.5/450
A3IK20GN-A A3IK20N-A	感應 Induction	20	單相 1-phase 110	50	0.45	187	1870	150	1500	1250	8/250
				60	0.46	158	1580	127	1270	1500	8/250
A3RK20GN-A A3RK20A-A	可逆 Reversible	20	單相 1-phase 110	50	0.54	187	1870	150	1500	1300	10/250
				60	0.58	158	1580	127	1270	1550	9/250

- 上表參數是指電機單體，不附加任何負荷裝置。
- 電機額定轉速、額定電流允許在±5%範圍內變動。

- Parameters in above table refer to motor alone, without any load device.
- Permissible change in rated speed and rated current of the motor is within the range of ±5%.

## 減速電機允許負載

Allowable load for the gear motor

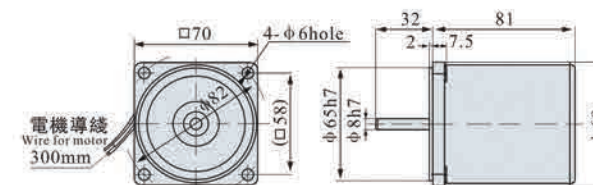
減速參數 Geared-down parameter	同步轉速r/m Synchronous speed	減速比 ratio																							
		500	300	250	200	150	120	100	75	60	50	40	35	30	25	20	15	12	10	8	7.5	6	5		
最大允許負載 Max allowable load	15W	2.86	4.81	5.67	7.51	9.46	11.8	14.7	17	21.5	23.5	30.6	34.1	39.27	47.1							50			
	20W	3.52	5.80	7.56	8.74	12.6	14.5	17.15	22.6	26.1	30.4	40.8	45.5							50					

- 轉速是以電動機的同步轉速為基準除以減速比而算出的數值。實際轉速將隨負載大小變化而比所示數值減少2~15%左右。
- 希望以大于上表的減速比進一步減速時，可在電動機與減速機之間安裝減速比為10的中間減速機。
- 當負載扭矩超過減速電機最大允許負載扭矩，并有堵轉情況存在時，請在減速箱輸出軸和負載連接處加裝扭矩限制裝置，確保齒輪減速箱正常運行。
- The speed is based on the synchronous motor speed reduction ratio as a benchmark calculated by dividing the value of. Actual speed will vary the size of the load changes in less than the values shown in 2~15%.
- Hope to the table of the reduction ratio is greater than the further reduction, it would be installed between the motor and the reducer reduction ratio of 10 the middle of the reducer.
- When the load torque exceeds the maximum allowable load torque gear motor, and a locked rotor situation exists, please slow down box at the junction of the output shaft and load torque limit device installed to ensure the normal operation gearbox.

## 圓軸型

Circular shaft type

A3IK15A-A A3RK15A-A  
A3IK15A-C A3RK15A-C  
A3IK15A-Y A3RK15A-Y



結構：電動機 Structure: Electric motor  
重量：1.1kg Weight: 1.1kg

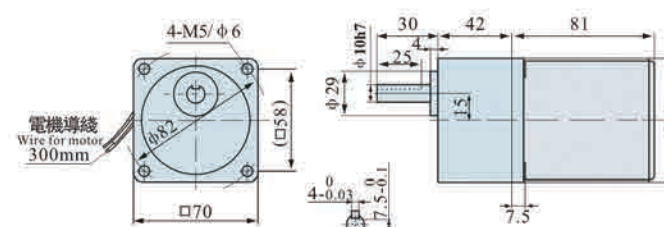
## 定速型

Fixed speed type

## 齒輪品名

Name of Gear 3GN□K

A3IK15GN-A A3RK15GN-A  
A3IK15GN-C A3RK15GN-C  
A3IK15GN-CZ A3RK15GN-CZ  
A3IK15GN-Y A3RK15GN-Y



結構：減速器+電動機  
重量：1.6kg  
減速比：1:3-1:250  
Structure: Reducer+Electric motor  
Weight: 1.6kg  
Speed Reducing Ratio: 1:3-1:250

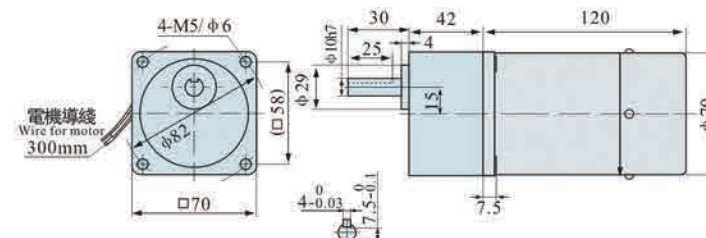
## 制車定速型

Brake fixed speed type

## 齒輪品名

Name of Gear 3GN□K

A3IK15GN-AM A3RK15GN-AM  
A3IK15GN-CM A3RK15GN-CM  
A3IK15GN-YM A3RK15GN-YM



結構：減速器+電動機+制車器  
重量：1.9kg  
減速比：1:3-1:250  
Structure: Reducer+Electric motor+Brake  
Weight: 1.9kg  
Speed Reducing Ratio: 1:3-1:250

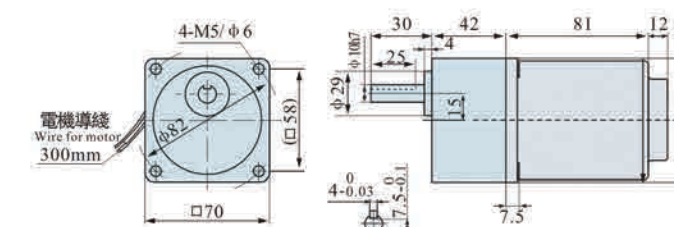
## 調速型

Speed regulation type

## 齒輪品名

Name of Gear 3GN□K

A3RK15RGN-A A3IK15RGN-A  
A3IK15RGN-C A3IK15RGN-C



結構：減速器+電動機+調速器  
重量：1.7kg  
減速比：1:3-1:250  
Structure: Reducer+Electric motor+Brake+Speed governor  
Weight: 1.7kg  
Speed Reducing Ratio: 1:3-1:250

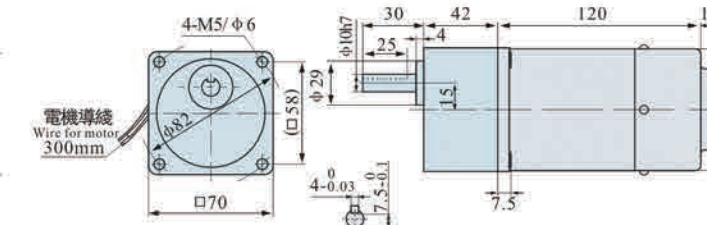
## 制車調速型

Brake Speed regulation type

## 齒輪品名

Name of Gear 3GN□K

A3IK15RGN-CM A3RK15RGN-CM  
A3IK15RGN-AM A3RK15RGN-AM



結構：減速器+電動機+制車器+調速器  
重量：2.0kg  
減速比：1:3-1:250  
Structure: Reducer+Electric motor+Brake+Speed governor  
Weight: 2.0kg  
Speed Reducing Ratio: 1:3-1:250

# 25/30W

□80mm

## 電機特性

List of motor characteristics



電機型號 Motor model	規格 Specs	輸出功率 Output Power W	電源電壓 Voltage V	頻率 Frequency Hz	電流 Current A	起動扭矩 Starting Torque		額定扭矩 Rated Torque		額定轉速 Rated Revolution r/min	電容量/耐壓 Capacity/Ve μF/VAC
						mN.m	gf.cm	mN.m	gf.cm		
A4IK25GN-C A4IK25A-C	感應 Induction	25	單相 1-phase 220	50	0.22	231	2310	185	1850	1250	1.5/450
A4RK25GN-C A4RK25A-C	可逆 Reversible			60	0.21	192	1920	154	1540	1550	1.5/450
A4IK25GN-A A4IK25A-A	感應 Induction	25	單相 1-phase 110	50	0.48	231	2310	185	1850	1250	6/250
A4RK25GN-A A4RK25A-A	可逆 Reversible			60	0.46	192	1920	154	1540	1550	6/250
A4IK25GN-U A4IK25A-U	—	25	三相 3-phase 380	50	0.14	231	2310	185	1850	1250	—
A4RK25GN-S A4RK25A-S	—			60	0.12	192	1920	154	1540	1550	—
A4IK30GN-C A4IK30A-C	感應 Induction	30	單相 1-phase 220	50	0.28	275	2750	220	2200	1250	2.2/450
A4RK30GN-C A4RK30A-C	可逆 Reversible			60	0.3	231	2310	185	1850	1550	2.2/450
A4IK30GN-A A4IK30A-A	感應 Induction	30	單相 1-phase 110	50	0.58	275	2750	220	2200	1250	8/250
A4RK30GN-A A4RK30A-A	可逆 Reversible			60	0.60	231	2310	185	1850	1550	8/250

● 上表參數是指電機單獨，不附加任何負荷裝置。  
● 電機額定轉速、額定電流允許在±5%範圍內變動。  
● Parameters in above table refer to motor alone, without any load device.  
● Permissible change in rated speed and rated current of the motor is within the range of ±5%.

## 減速電機允許負載

Allowable load for the gear motor

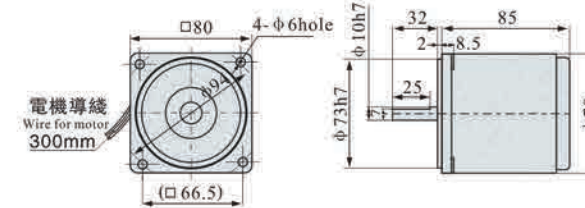
減速參數 Geared-down parameter	同步轉速 r/m Synchronous speed	減速比 i																					
		500	300	250	200	150	120	100	83	75	60	50	40	35	30	25	20	15	12	10	8	7	6
最大允許負載 Max allowable load	25W	kg.cm 0.45	7.9	9.46	12	15.7	19	23	28.4	31.5	35	42	51.1	56.7	62	76.6	80						
	30W	kg.cm 0.56	8.1	11.3	14.2	18.9	23.6	28.3	34	37.8	42.5	51.1	60.2	68.1	65.7	80							

● 轉速是以電動機的同步轉速為基準除以減速比而算出的數值。實際轉速將隨負載大小變化而比所示數值減少2~15%左右。  
● 希望以大于上表的減速比進一步減速時，可在電動機與減速機之間安裝減速比為10的中間減速機。  
● 當負載扭矩超過減速電機最大允許負載扭矩，并有堵轉情況存在時，請在減速箱輸出軸和負載連接處加裝扭矩限制裝置，確保齒輪減速箱正常運行。  
● The speed is based on the synchronous motor speed reduction ratio as a benchmark calculated by dividing the value of. Actual speed will vary the size of the load changes in less than the values shown in 2~15%.  
● Hope to the table of the reduction ratio is greater than the further reduction, it would be installed between the motor and the reducer reduction ratio of 10 the middle of the reducer.  
● When the load torque exceeds the maximum allowable load torque gear motor, and a locked rotor situation exists, please slow down box at the junction of the output shaft and load torque limit device installed to ensure the normal operation gearbox.

## 圓軸型

Circular shaft type

A4IK25A-A A4RK25A-A  
A4IK25A-C A4RK25A-C  
A4IK25A-Y A4RK25A-Y

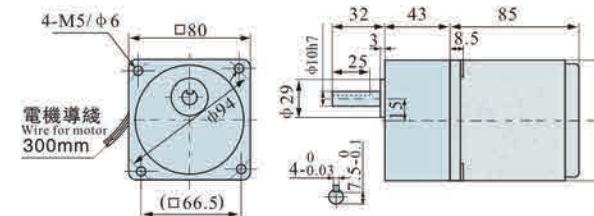


結構：電動機  
重量：1.5kg  
Structure: Electric motor  
Weight: 1.5kg

## 定速型

Fixed speed type

A4IK25GN-A A4RK25GN-A  
A4IK25GN-C A4RK25GN-C  
A4IK25GN-CZ A4RK25GN-CZ  
A4IK25GN-Y A4RK25GN-Y

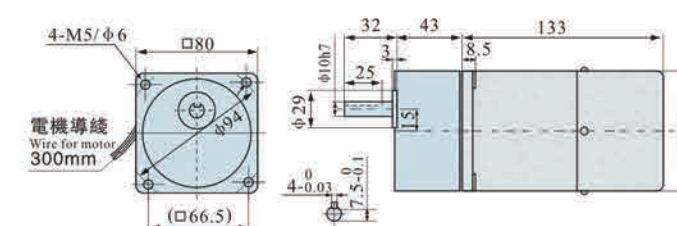


結構：減速器+電動機  
重量：2.1kg  
減速比：1:3-1:300  
Structure: Reducer+Electric motor  
Weight: 2.1kg  
Speed Reducing Ratio : 1:3-1:300

## 剎車定速型

Brake fixed speed type

A4IK25GN-AM A4RK25GN-AM  
A4IK25GN-CM A4RK25GN-CM  
A4IK25GN-YM A4RK25GN-YM

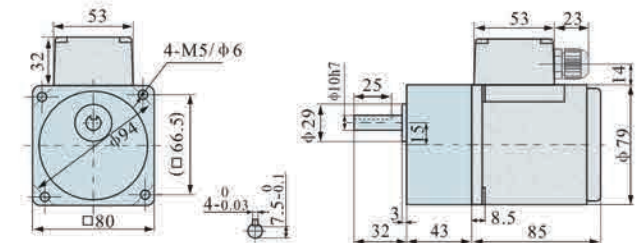


結構：減速器+電動機+剎車器  
重量：2.4kg  
減速比：1:3-1:300  
Structure: Reducer+Electric motor+Brake  
Weight: 2.4kg  
Speed Reducing Ratio : 1:3-1:300

## 帶端子箱型

With terminal box type

A4IK25GN-AT A4RK25GN-AT  
A4IK25GN-CT A4RK25GN-CT  
A4IK25GN-UT A4RK25GN-UT  
A4IK25GN-ST A4RK25GN-ST

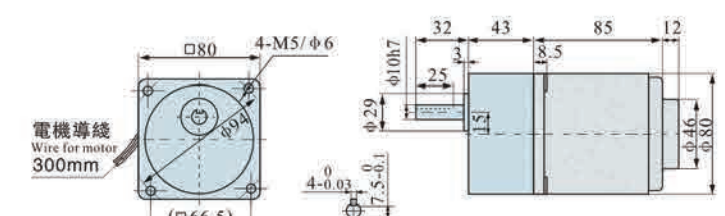


結構：減速器+電動機+端子箱  
重量：2.2kg  
減速比：1:3-1:300  
Structure: Reducer+Electric motor+Terminal box  
Weight: 2.2kg  
Speed Reducing Ratio : 1:3-1:300

## 調速型

Speed regulation type

A4IK25RGN-A A4RK25RGN-A  
A4IK25RGN-C A4RK25RGN-C

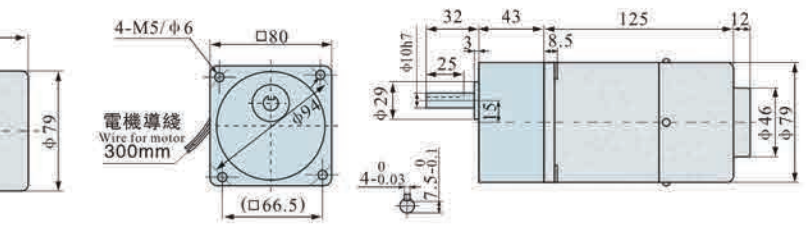


結構：減速器+電動機+調速器  
重量：2.2kg  
減速比：1:3-1:300  
Structure: Reducer+Electric motor+Speed governor  
Weight: 2.2kg  
Speed Reducing Ratio : 1:3-1:300

## 剎車調速型

Brake Speed regulation type

A4IK25RGN-AM A4RK25RGN-AM  
A4IK25RGN-CM A4RK25RGN-CM



結構：減速器+電動機+剎車器+調速器  
重量：2.5kg  
減速比：1:3-1:300  
Structure: Reducer+Electric motor+Brake+Speed governor  
Weight: 2.5kg  
Speed Reducing Ratio : 1:3-1:300

40W

□90mm



電機特性

List of motor characteristics

電機型號 Motor model	規格 Specs	輸出功率 Output Power W	電源電壓 Voltage V	頻率 Frequency Hz	電流 Current A	起動扭矩 Starting Torque		額定扭矩 Rated Torque		額定轉速 Rated Revolution r/min	電容量/耐壓 Capacity/Ver μF/VAC
						mN.m	gf.cm	mN.m	gf.cm		
A5IK40GN-C A5IK40A-C	感應 Induction	40	單相 1-phase 220	50	0.35	367	3670	294	2940	1300	2.5/450
60				0.33	307	3070	246	2460	1550	2.5/450	
A5RK40GN-C A5RK40A-C	可逆 Reversible	40	單相 1-phase 220	50	0.38	367	3670	294	2940	1300	3.0/450
60				0.4	307	3070	246	2460	1550	3.0/450	
A5IK40GN-A A5IK40A-A	感應 Induction	40	單相 1-phase 110	50	0.70	367	3670	294	2940	1300	10/250
60				0.72	307	3070	246	2460	1550	10/250	
A5RK40GN-A A5RK40A-A	可逆 Reversible	40	單相 1-phase 110	50	0.76	367	3670	294	2940	1300	12/250
60				0.80	307	3070	246	2460	1550	12/250	
A5IK40GN-U A5IK40A-U	—	40	三相 3-phase 380	50	0.24	367	3670	294	2940	1300	—
60	0.22	307	3070	246	2460	1550	—				
A5RK40GN-S A5RK40A-S	—	40	三相 3-phase 220	50	0.42	367	3670	294	2940	1300	—
60	0.38	307	3070	246	2460	1550	—				

● 上表參數是指電機單獨，不附加任何負荷裝置。  
● 電機額定轉速、額定電流允許在±5%範圍內變動。

● Parameters in above table refer to motor alone, without any load device.  
● Permissible change in rated speed and rated current of the motor is within the range of ±5%.

減速電機允許負載

Allowable load for the gear motor

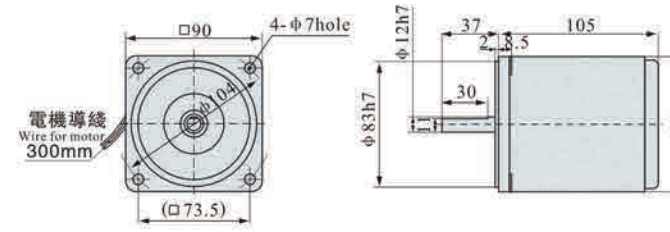
減速參數 Geared-down parameter	同步轉速 r/m Synchronous speed	500 300 250 200 150 120 100 75 60 50 40 35 30 25 20 15 12 10 8 7 6 5 3																				
		減速比 i ratio																				
最大允許負載 Max allowable load	40W	kg.cm N.m	7.3	12	14.5	18	24.2	30	36	43.6	55	65.5	78	87	98							100
			0.72	1.18	1.43	1.77	2.4	2.94	3.53	4.28	5.0	6.24	7.7	8.57	9.64							9.81

● 轉速是以電動機的同步轉速為基準除以減速比而算出的數值。實際轉速將隨負載大小變化而比所示數值減少2-15%左右。  
● 希望以大于上表的減速比進一步減速時，可在電動機與減速機之間安裝減速比為10的中間減速機。  
● 當負載扭矩超過減速電機最大允許負載扭矩，并有堵轉情況存在時，請在減速箱輸出軸和負載連接處加裝扭矩限制裝置，確保齒輪減速箱正常運行。  
● The speed is based on the synchronous motor speed reduction ratio as a benchmark calculated by dividing the value of. Actual speed will vary the size of the load changes in less than the values shown in 2-15%.  
● Hope to the table of the reduction ratio is greater than the further reduction, it would be installed between the motor and the reducer reduction ratio of 10 the middle of the reducer.  
● When the load torque exceeds the maximum allowable load torque gear motor, and a locked rotor situation exists, please slow down box at the junction of the output shaft and load torque limit device installed to ensure the normal operation gearbox.

圓軸型

Circular shaft type

A5IK40A-A A5RK40A-A  
A5IK40A-C A5RK40A-C  
A5IK40A-Y A5RK40A-Y



結構：電動機  
重量：2.3kg  
Structure: Electric motor  
Weight: 2.3kg

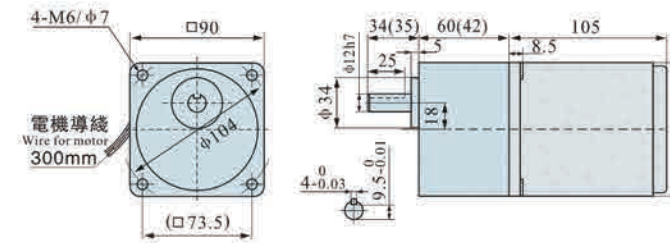
定速型

Fixed speed type

齒輪品名

Name of Gear 5GN(GU) □K

A5IK40GN-A A5RK40GN-A  
A5IK40GN-C A5RK40GN-C  
A5IK40GN-CZ A5RK40GN-CZ  
A5IK40GN-Y A5RK40GN-Y



結構：減速器+電動機  
重量：3.4kg  
減速比：1:3-1:500  
Structure: Reducer+Electric motor  
Weight: 3.4kg  
Speed Reducing Ratio: 1:3-1:500

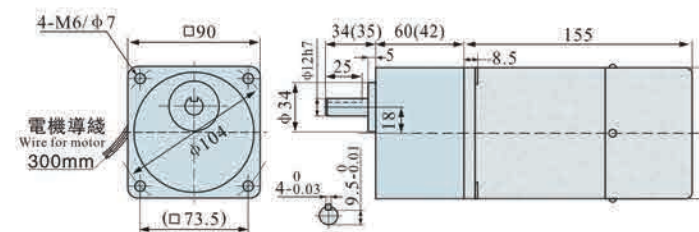
剎車定速型

Brake fixed speed type

齒輪品名

Name of Gear 5GN(GU) □K

A5IK40GN-AM A5RK40GN-AM  
A5IK40GN-CM A5RK40GN-CM  
A5IK40GN-YM A5RK40GN-YM



結構：減速器+電動機+剎車  
重量：3.7kg  
減速比：1:3-1:500  
Structure: Reducer+Electric motor+Brake  
Weight: 3.7kg  
Speed Reducing Ratio: 1:3-1:500

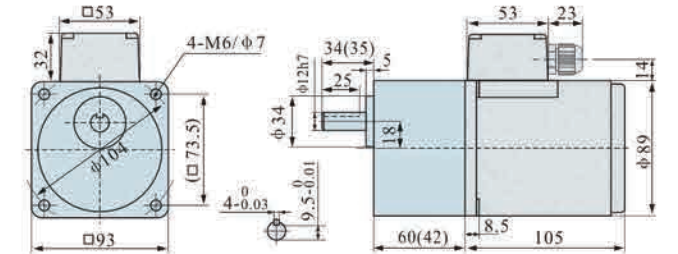
帶端子箱型

With terminal box type

齒輪品名

Name of Gear 5GN(GU) □K

A5IK40GM-AT A5RK40GM-AT  
A5IK40GM-CT A5RK40GM-CT  
A5IK40GM-U(Y)T A5RK40GM-U(Y)T  
A5IK40GM-ST A5RK40GM-ST



結構：減速器+電動機+端子箱  
重量：3.5kg  
減速比：1:3-1:500  
Structure: Reducer+Electric motor+Terminal box  
Weight: 3.5kg  
Speed Reducing Ratio: 1:3-1:500

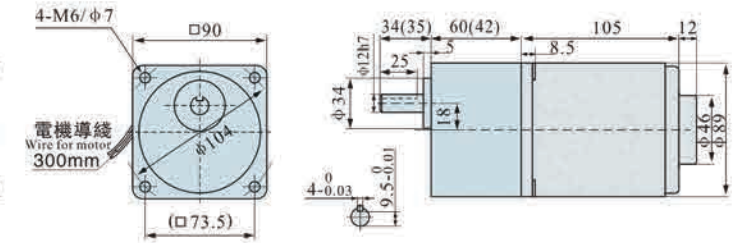
調速型

Speed regulation type

齒輪品名

Name of Gear 5GN(GU) □K

A5IK40RGN-A A5RK40RGN-A  
A5IK40RGN-C A5RK40RGN-C



結構：減速器+電動機+調速器  
重量：3.5kg  
減速比：1:3-1:500  
Structure: Reducer+Electric motor+Speed governor  
Weight: 3.5kg  
Speed Reducing Ratio: 1:3-1:500

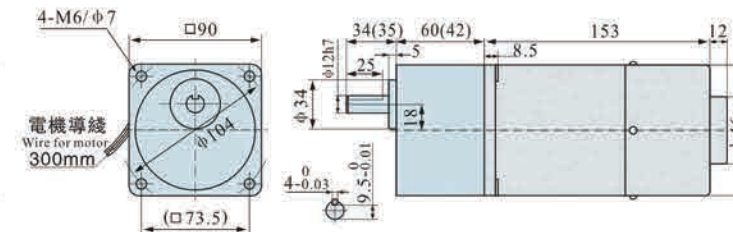
剎車調速型

Brake Speed regulation type

齒輪品名

Name of Gear 5GN(GU) □K

A5IK40RGN-AM A5RK40RGN-AM  
A5IK40RGN-CM A5RK40RGN-CM



結構：減速器+電動機+剎車+調速器  
重量：3.8kg  
減速比：1:3-1:500  
Structure: Reducer+Electric motor+Brake+Speed governor  
Weight: 3.8kg  
Speed Reducing Ratio: 1:3-1:500

# 60W

□90mm



## 電機特性

List of motor characteristics

電機型號 Motor model	規格 Specs	輸出功率 Output Power W	電源電壓 Voltage V	頻率 Frequency Hz	電流 Current A	起動扭矩 Starting Torque		額定扭矩 Rated Torque		額定轉速 Rated Revolution r/min	電容量/耐壓 Capacity/Ve μF/VAC
						mN.m	gf.cm	mN.m	gf.cm		
A51K60GU-CF A51K60A-CF	感應 Induction	60	單相 1-phase 220	50	0.45	551	5510	441	4410	1350	3.5/450
A5RK60GU-CF A5RK60A-CF				可逆 Reversible	60	0.48	462	4620	370	3700	1550
A51K60GU-AF A51K60A-AF	感應 Induction	60	單相 1-phase 110	50	0.90	551	5510	441	4410	1350	14/250
A5RK60GU-AF A5RK60A-AF				可逆 Reversible	60	0.88	462	4620	370	3700	1550
A51K60GU-UF A51K60A-UF	—	60	三相 3-phase 380	50	1.0	837	8370	670	6700	1350	16/250
A5RK60GU-SF A5RK60A-SF	—	60	三相 3-phase 220	50	1.2	692	6920	554	5540	1550	16/250
A51K60GU-SF A51K60A-SF	—	60	三相 3-phase 220	50	0.30	551	5510	441	4410	1350	—
A5RK60GU-SF A5RK60A-SF	—	60	三相 3-phase 220	50	0.28	462	4620	370	3700	1550	—
A51K60GU-SF A51K60A-SF	—	60	三相 3-phase 220	50	0.52	551	5510	441	4410	1350	—
A5RK60GU-SF A5RK60A-SF	—	60	三相 3-phase 220	60	0.48	462	4620	370	3700	1550	—

- 上表參數是指電機單獨，不附加任何負荷裝置。
- 電機額定轉速、額定電流允許在±5%範圍內變動。

- Parameters in above table refer to motor alone, without any load device.
- Permissible change in rated speed and rated current of the motor is within the range of ±5%.

## 減速電機允許負載

Allowable load for the gear motor

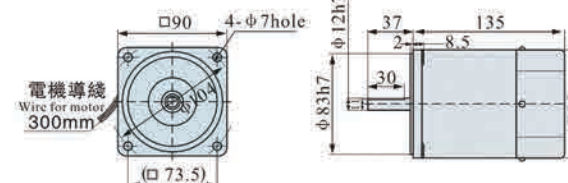
減速參數 Geared-down parameter	同步轉速 r/m Synchronous speed	減速比 i ratio																									
		3	4	5	6	7.5	10	12.5	15	20	25	30	36	40	50	60	75	100	120	150	180	200	250	300	500		
最大允許負載 Max allowable load	60W	kg.cm	11	14.6	18	21.8	27	36	41	50	65	81	98	117	130	147											200
		N.m	1.08	1.42	1.77	2.14	2.64	3.57	4.02	4.80	6.24	8.03	9.64	11.5	12.8	14.4											19.6

- 轉速是以電動機的同步轉速為基準除以減速比而算出的數值。實際轉速將隨負載大小變化而比所示數值減少2~15%左右。
- 希望以大于上表的減速比進一步減速時，可在電動機與減速機之間安裝減速比為10的中間減速機。
- 當負載扭矩超過減速電機最大允許負載扭矩，并有堵轉情況存在時，請在減速箱輸出軸和負載連接處加裝扭矩限制裝置，確保齒輪減速箱正常運行。
- The speed is based on the synchronous motor speed reduction ratio as a benchmark calculated by dividing the value of. Actual speed will vary the size of the load changes in less than the values shown in 2~15%.
- Hope to the table of the reduction ratio is greater than the further reduction, it would be installed between the motor and the reducer reduction ratio of 10 the middle of the reducer.
- When the load torque exceeds the maximum allowable load torque gear motor, and a locked rotor situation exists, please slow down box at the junction of the output shaft and load torque limit device installed to ensure the normal operation gearbox.

### 圓軸型

Circular shaft type

- A51K60A-AF A5RK60A-AF
- A51K60A-CF A5RK60A-CF
- A51K60A-YF A5RK60A-YF



結構：電動機 Structure: Electric motor  
重量：2.6kg Weight: 2.6kg

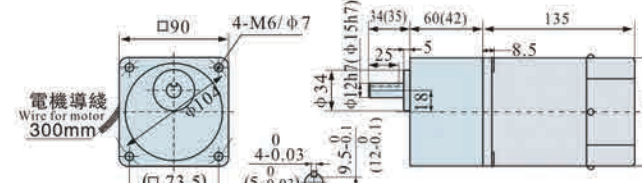
### 定速型

Fixed speed type

### 齒輪品名

Name of Gear 5GN(GU) □K

- A51K60GU-AF A5RK60GU-AF
- A51K60GU-CF A5RK60GU-CF
- A51K60GU-YF A5RK60GU-YF



結構：減速器+電動機 Structure: Reducer+Electric motor  
重量：3.8kg Weight: 3.8kg  
減速比：1:3-1:500 Speed Reducing Ratio: 1:3-1:500

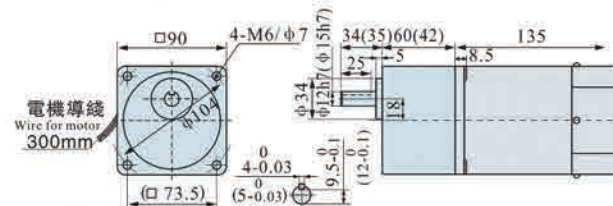
### 調速型

Speed regulation type

### 齒輪品名

Name of Gear 5GN(GU) □K

- A51K60RGU-AF A5RK60RGU-AF
- A51K60RGU-CF A5RK60RGU-CF



結構：減速器+電動機+調速器 Structure: Reducer+Electric motor+Speed governor  
重量：3.9kg Weight: 3.9kg  
減速比：1:3-1:500 Speed Reducing Ratio: 1:3-1:500

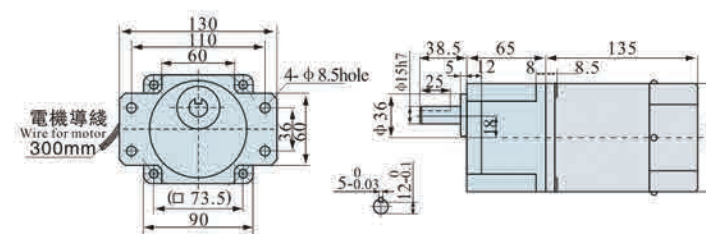
### 90GS定速型

Optical axis type

### 齒輪品名

Name of Gear 5GS □K

- A51K60GU-AF A5RK60GU-AF
- A51K60GU-CF A5RK60GU-CF
- A51K60GU-YF A5RK60GU-YF
- A51K60GU-SF A5RK60GU-SF



結構：減速器+電動機+調速器 Structure: Reducer+Electric motor+Speed governor  
重量：3.9kg Weight: 3.9kg  
減速比：1:3-1:500 Speed Reducing Ratio: 1:3-1:500

### 帶端子箱型

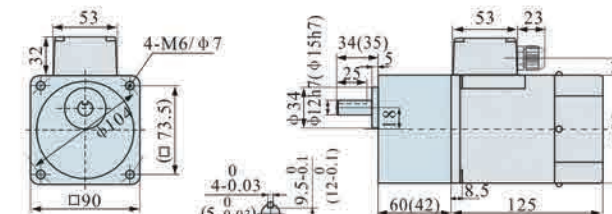
With terminal box type

- A51K60GU-AFT A5RK60GU-AFT
- A51K60GU-CFT A5RK60GU-CFT
- A51K60GU-U(Y)FT A5RK60GU-U(Y)FT
- A51K60GU-SFT A5RK60GU-SFT

### 齒輪品名

Name of Gear 5GN(GU) □K

- A51K60GU-AFT A5RK60GU-AFT
- A51K60GU-CFT A5RK60GU-CFT
- A51K60GU-U(Y)FT A5RK60GU-U(Y)FT
- A51K60GU-SFT A5RK60GU-SFT



結構：減速器+電動機+端子箱 Structure: Reducer+Electric motor+Terminal box  
重量：3.9kg Weight: 3.9kg  
減速比：1:3-1:500 Speed Reducing Ratio: 1:3-1:500

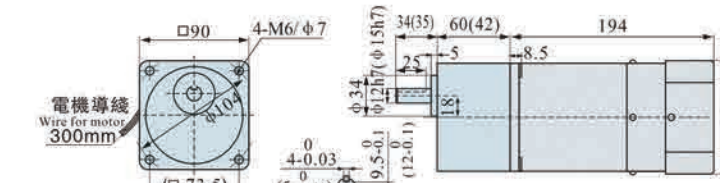
### 剎車定速型

Brake fixed speed type

### 齒輪品名

Name of Gear 5GN(GU) □K

- A51K60GU-AFM A5RK60GU-AFM
- A51K60GU-CFM A5RK60GU-CFM
- A51K60GU-YFM A5RK60GU-YFM



結構：減速器+電動機+剎車器 Structure: Reducer+Electric motor+Brake  
重量：4kg Weight: 4kg  
減速比：1:3-1:500 Speed Reducing Ratio: 1:3-1:500

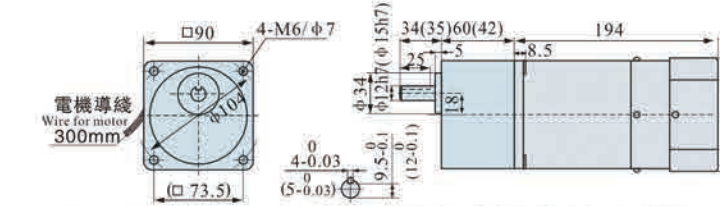
### 剎車調速型

Brake Speed regulation type

### 齒輪品名

Name of Gear 5GN(GU) □K

- A51K60RGU-AFM A5RK60RGU-AFM
- A51K60RGU-CFM A5RK60RGU-CFM



結構：減速器+電動機+剎車器+調速器 Structure: Reducer+Electric motor+Brake+Speed governor  
重量：4.1kg Weight: 4.1kg  
減速比：1:3-1:500 Speed Reducing Ratio: 1:3-1:500

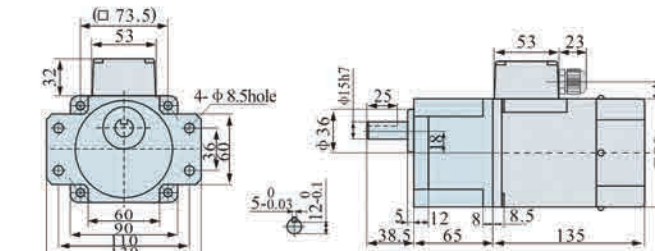
### 90GS帶端子箱型

With terminal box type

- A51K60GU-AFT A5RK60GU-AFT
- A51K60GU-CFT A5RK60GU-CFT
- A51K60GU-U(Y)FT A5RK60GU-U(Y)FT
- A51K60GU-SFT A5RK60GU-SFT

### 齒輪品名

Name of Gear 5GS □K



結構：減速器+電動機+端子箱 Structure: Reducer+Electric motor+Terminal box  
重量：4kg Weight: 4kg  
減速比：1:3-1:500 Speed Reducing Ratio: 1:3-1:500

# 90/120W

□90mm

## 電機特性

List of motor characteristics



電機型號 Motor model	規格 Specs	輸出功率 Output Power W	電源電壓 Voltage V	頻率 Frequency Hz	電流 Current A	起動扭矩 Starting Torque		額定扭矩 Rated Torque		額定轉速 Rated Revolution r/min	電容量/耐壓 Capacity/Ve μF/VAC
						mN.m	gf.cm	mN.m	gf.cm		
A5IK90GU-CF A5IK90A-CF	感應 Induction	90	單相 1-phase 220	50	0.62	837	8370	670	6700	1350	5/450
60				0.60	692	6920	554	5540	1550	5/450	
A5RK90GU-CF A5RK90A-CF	可逆 Reversible			50	0.68	837	8370	670	6700	1350	6/450
60				0.72	692	6920	554	5540	1550	6/450	
A5IK90GU-AF A5IK90A-AF	感應 Induction	90	單相 1-phase 110	50	1.25	837	8370	670	6700	1350	20/250
60				1.2	692	6920	554	5540	1550	18/250	
A5RK90GU-AF A5RK90A-AF	可逆 Reversible			50	1.38	837	8370	670	6700	1350	24/250
60				1.5	692	6920	554	5540	1550	24/250	
A5IK90GU-UF A5IK90A-UF	—	90	三相 3-phase 380	50	0.32	837	8370	670	6700	1350	—
60				0.3	692	6920	554	5540	1500	—	
A5RK90GU-SF A5RK90A-SF	—	90	三相 3-phase 220	50	0.55	837	8370	670	6700	1350	—
60				0.48	692	6920	554	5540	1500	—	
A5IK120GU-CF A5IK120A-CF	感應 Induction	120	單相 1-phase 220	50	0.85	1137	11370	910	9100	1350	6/450
60				0.82	955	9550	764	7640	1500	6/450	
A5RK120GU-CF A5RK120A-CF	可逆 Reversible			50	0.95	1137	11370	910	9100	1350	8/450
60				1.0	955	9550	764	7640	1500	8/450	
A5IK120GU-AF A5IK120A-AF	感應 Induction	120	單相 1-phase 110	50	1.7	1137	11370	910	9100	1350	24/250
60				1.65	955	9550	764	7640	1500	24/250	
A5RK120GU-AF A5RK120A-AF	可逆 Reversible			50	1.9	1137	11370	910	9100	1350	30/250
60				2.1	955	9550	764	7640	1500	30/250	
A5RK120GU-UF A5RK120A-UF	—	120	三相 3-phase 380	50	0.34	1137	11370	910	9100	1350	—
60				0.31	955	9550	764	7640	1500	—	
A5RK120GU-SF A5RK120A-SF	—	120	三相 3-phase 220	50	0.59	1137	11370	910	9100	1350	—
60				0.54	955	9550	764	7640	1500	—	

● 上表參數是指電機單體，不附加任何負荷裝置。  
● 電機額定轉速、額定電流允許在±5%範圍內變動。  
● Parameters in above table refer to motor alone, without any load device.  
● Permissible change in rated speed and rated current of the motor is within the range of ±5%.

## 減速電機允許負載

Allowable load for the gear motor

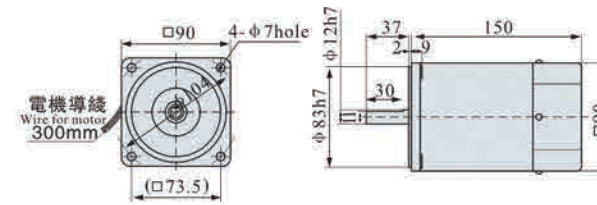
減速參數 Geared-down parameter	同步轉速 r/m Synchronous speed	減速比 i ratio																							
		500	300	250	200	150	120	100	75	60	50	45	37.5	30	25	20	15	12.5	10	8	7.5	6	5	3	
最大允許負載 Max allowable load	90W	kg.cm	15.7	26.5	31.5	39.4	52.5	65.7	71	94.6	118	141	170	189											200
	N.m	1.54	2.6	3.1	3.86	5.15	6.44	6.96	9.28	11.6	13.9	16.7	18.5											19.6	
120W	kg.cm	21.5	36	42	54	70	87.5	98	126	148	189											200			
	N.m	2.11	3.52	4.13	5.28	6.88	8.59	9.6	12.4	14.5	18.5											19.6			

● 轉速是以電動機的同步轉速為基準除以減速比而算出的數值。實際轉速將隨負載大小變化而比所示數值減少2~15%左右。  
● 希望以大于上表的減速比進一步減速時，可在電動機與減速機之間安裝減速比為10的中間減速機。  
● 當負載扭矩超過減速電機最大允許負載扭矩，并有堵轉情況存在時，請在減速箱輸出軸和負載連接處加裝扭矩限制裝置，確保齒輪減速箱正常運行。  
● The speed is based on the synchronous motor speed reduction ratio as a benchmark calculated by dividing the value of. Actual speed will vary the size of the load changes in less than the values shown in 2~15%.  
● Hope to the table of the reduction ratio is greater than the further reduction, it would be installed between the motor and the reducer reduction ratio of 10 the middle of the reducer.  
● When the load torque exceeds the maximum allowable load torque gear motor, and a locked rotor situation exists, please slow down box at the junction of the output shaft and load torque limit device installed to ensure the normal operation gearbox.

## 圓軸型

Circular shaft type

A5IK90(120)A-AF A5RK90(120)A-AF  
A5IK90(120)A-CF A5RK90(120)A-CF  
A5IK90(120)A-YF A5RK90(120)A-YF



結構：電動機  
重量：3.1kg  
Structure: Electric motor  
Weight: 3.1kg

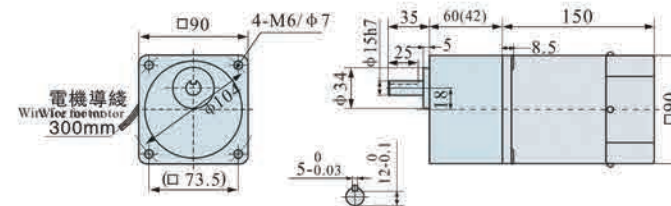
## 定速型

Fixed speed type

## 齒輪品名

Name of Gear 5GU □K

A5IK90(120)GU-AF A5RK90(120)GU-AF  
A5IK90(120)GU-CF A5RK90(120)GU-CF  
A5IK90(120)GU-U(Y)F A5RK90(120)GU-U(Y)F  
A5IK90(120)GU-SF A5RK90(120)GU-SF



結構：減速器+電動機  
重量：3.8kg  
減速比：1:3~1:500  
Structure: Reducer+Electric motor  
Weight: 3.8kg  
Speed Reducing Ratio: 1:3-1:500

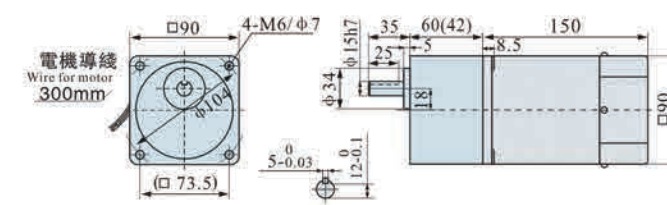
## 調速型

Speed regulation type

## 齒輪品名

Name of Gear 5GU □K

A5IK90(120)RGU-AF A5RK90(120)RGU-AF  
A5IK90(120)RGU-CF A5RK90(120)RGU-CF



結構：減速器+電動機+調速器  
重量：3.9kg  
減速比：1:3~1:500  
Structure: Reducer+Electric motor+Speed governor  
Weight: 3.9kg  
Speed Reducing Ratio: 1:3-1:500

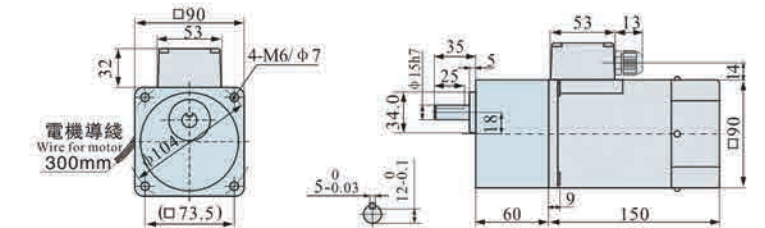
## 90GU帶端子箱型

With terminal box type

## 齒輪品名

Name of Gear 5GU □K

A5IK90(120)GU-AFT A5RK90(120)GU-AFT  
A5IK90(120)GU-CFT A5RK90(120)GU-CFT  
A5IK90(120)GU-U(Y)FT A5RK90(120)GU-U(Y)FT  
A5IK90(120)GU-SFT A5RK90(120)GU-SFT



結構：減速器+電動機+端子箱  
重量：4.3kg  
減速比：1:3~1:500  
Structure: Reducer+Electric motor+Terminal box  
Weight: 4.3kg  
Speed Reducing Ratio: 1:3-1:500

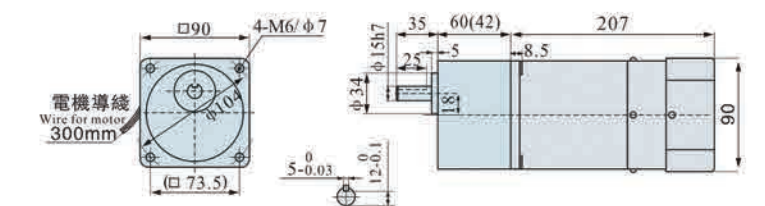
## 制車定速型

Brake fixed speed type

## 齒輪品名

Name of Gear 5GU □K

A5IK90(120)GU-AFM A5RK90(120)GU-AFM  
A5IK90(120)GU-CFM A5RK90(120)GU-CFM  
A5IK90(120)GU-U(Y)FM A5RK90(120)GU-U(Y)FM  
A5IK90(120)GU-SFM A5RK90(120)GU-SFM



結構：減速器+電動機+制車器  
重量：4kg  
減速比：1:3~1:500  
Structure: Reducer+Electric motor+Brake  
Weight: 4kg  
Speed Reducing Ratio: 1:3-1:500

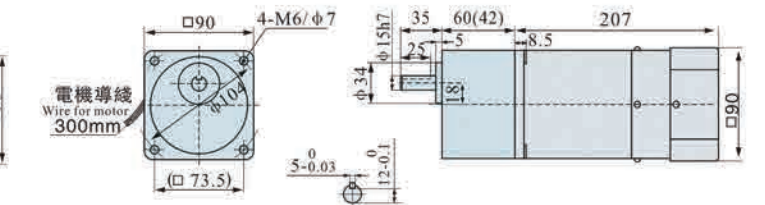
## 制車調速型

Brake Speed regulation type

## 齒輪品名

Name of Gear 5GU □K

A5IK90(120)RGU-AFM A5RK90(120)RGU-AFM  
A5IK90(120)RGU-CFM A5RK90(120)RGU-CFM



結構：減速器+電動機+制車器+調速器  
重量：4.1kg  
減速比：1:3~1:500  
Structure: Reducer+Electric motor+Brake+Speed governor  
Weight: 4.1kg  
Speed Reducing Ratio: 1:3-1:500

# 90/120W

□90mm

## 電機特性

List of motor characteristics



電機型號 Motor model	規格 Specs	輸出功率 Output Power W	電源電壓 Voltage V	頻率 Frequency Hz	電流 Current A	起動扭矩 Starting Torque		額定扭矩 Rated Torque		額定轉速 Rated Revolution r/min	電容量/耐壓 Capacity/Ve μF/VAC
						mN.m	gf.cm	mN.m	gf.cm		
A5IK90GU-CF A5IK90A-CF	感應 Induction	90	單相 1-phase 220	50	0.62	837	8370	670	6700	1350	5/450
				60	0.60	692	6920	554	5540	1550	5/450
A5RK90GU-CF A5RK90A-CF	可逆 Reversible	90	單相 1-phase 220	50	0.68	837	8370	670	6700	1350	6/450
				60	0.72	692	6920	554	5540	1550	6/450
A5IK90GU-AF A5IK90A-AF	感應 Induction	90	單相 1-phase 110	50	1.25	837	8370	670	6700	1350	20/250
				60	1.2	692	6920	554	5540	1550	18/250
A5RK90GU-AF A5RK90A-AF	可逆 Reversible	90	單相 1-phase 110	50	1.38	837	8370	670	6700	1350	24/250
				60	1.5	692	6920	554	5540	1550	24/250
A5IK90GU-UF A5IK90A-UF	—	90	三相 3-phase 380	50	0.32	837	8370	670	6700	1350	—
				60	0.3	692	6920	554	5540	1500	—
A5RK90GU-SF A5RK90A-SF	—	90	三相 3-phase 220	50	0.55	837	8370	670	6700	1350	—
				60	0.48	692	6920	554	5540	1500	—
A5IK120GU-CF A5IK120A-CF	感應 Induction	120	單相 1-phase 220	50	0.85	1137	11370	910	9100	1350	6/450
				60	0.82	955	9550	764	7640	1500	6/450
A5RK120GU-CF A5RK120A-CF	可逆 Reversible	120	單相 1-phase 220	50	0.95	1137	11370	910	9100	1350	8/450
				60	1.0	955	9550	764	7640	1500	8/450
A5IK120GU-AF A5IK120A-AF	感應 Induction	120	單相 1-phase 110	50	1.7	1137	11370	910	9100	1350	24/250
				60	1.65	955	9550	764	7640	1500	24/250
A5RK120GU-AF A5RK120A-AF	可逆 Reversible	120	單相 1-phase 110	50	1.9	1137	11370	910	9100	1350	30/250
				60	2.1	955	9550	764	7640	1500	30/250
A5RK120GU-UF A5RK120A-UF	—	120	三相 3-phase 380	50	0.34	1137	11370	910	9100	1350	—
				60	0.31	955	9550	764	7640	1500	—
A5RK120GU-SF A5RK120A-SF	—	120	三相 3-phase 220	50	0.59	1137	11370	910	9100	1350	—
				60	0.54	955	9550	764	7640	1500	—

- 上表參數是指電機單體，不附加任何負荷裝置。
- Parameters in above table refer to motor alone, without any load device.
- 電機額定轉速、額定電流允許在±5%範圍內變動。
- Permissible change in rated speed and rated current of the motor is within the range of ±5%.

## 減速電機允許負載

Allowable load for the gear motor

減速參數 Geared-down parameter	同步轉速r/mn Synchronous speed	減速比i ratio																							
		500	300	250	200	150	120	100	75	60	50	45	37.5	30	25	20	15	12.5	10	8	7.5	6	5	3	
最大允許負載 Max allowable load	90W	kg.cm 15.7	26.5	31.5	39.4	52.5	65.7	71	94.6	118	141	170	189											200	19.6
		N.m 1.54	2.6	3.1	3.86	5.15	6.44	6.96	9.28	11.6	13.9	16.7	18.5												
	120W	kg.cm 21.5	36	42	54	70	87.5	98	126	148	189											200	19.6		
		N.m 2.11	3.52	4.13	5.28	6.88	8.59	9.6	12.4	14.5	18.5														

- 轉速是以電動機的同步轉速為基準除以減速比而算出的數值。實際轉速將隨負載大小變化而比所示數值減少2~15%左右。
- 希望以大于上表的減速比進一步減速時，可在電動機與減速機之間安裝減速比為10的中間減速機。
- 當負載扭矩超過減速電機最大允許負載扭矩，并有堵轉情況存在時，請在減速箱輸出軸和負載連接處加裝扭矩限制裝置，確保齒輪減速箱正常運行。
- The speed is based on the synchronous motor speed reduction ratio as a benchmark calculated by dividing the value of. Actual speed will vary the size of the load changes in less than the values shown in 2~15%.
- Hope to the table of the reduction ratio is greater than the further reduction, it would be installed between the motor and the reducer reduction ratio of 10 the middle of the reducer.
- When the load torque exceeds the maximum allowable load torque gear motor, and a locked rotor situation exists, please slow down box at the junction of the output shaft and load torque limit device installed to ensure the normal operation gearbox.

## 定速型

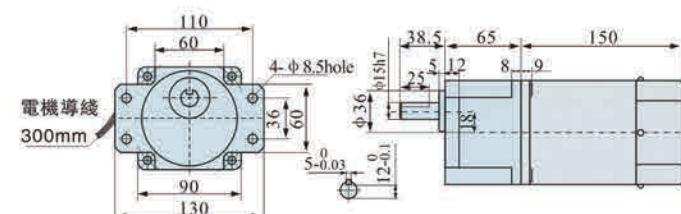
Fixed speed type

## 齒輪品名

Name of Gear

5GS□K

A5IK90(120)GU-AF A5RK90(120)GU-AF  
A5IK90(120)GU-CF A5RK90(120)GU-CF  
A5IK90(120)GU-U(Y)F A5RK90(120)GU-U(Y)F  
A5IK90(120)GU-SF A5RK90(120)GU-SF



結構：減速器+電動機  
重量：4.4kg  
減速比：1:3-1:500

Structure: Reducer+Electric motor  
Weight: 4.4kg  
Speed Reducing Ratio: 1:3-1:500

## 剎車定速型

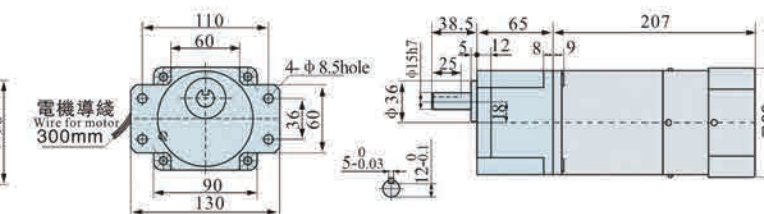
Brake fixed speed type

## 齒輪品名

Name of Gear

5GS□K

A5IK90(120)GU-AFM A5RK90(120)GU-AFM  
A5IK90(120)GU-CFM A5RK90(120)GU-CFM  
A5IK90(120)GU-U(Y)FM A5RK90(120)GU-U(Y)FM  
A5IK90(120)GU-SFM A5RK90(120)GU-SFM



結構：減速器+電動機+剎車器  
重量：4.9kg  
減速比：1:3-1:500

Structure: Reducer+Electric motor+Brake  
Weight: 4.9kg  
Speed Reducing Ratio: 1:3-1:500

## 調速型

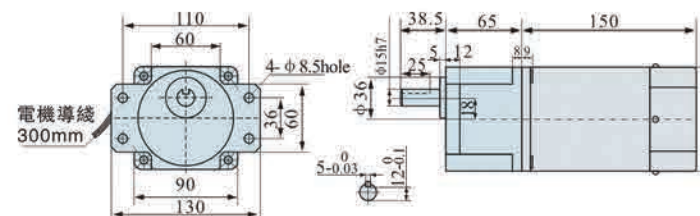
Speed regulation type

## 齒輪品名

Name of Gear

5GS□K

A5IK90(120)RGU-AF A5RK90(120)RGU-AF  
A5IK90(120)RGU-CF A5RK90(120)RGU-CF



結構：減速器+電動機+調速器  
重量：4.5kg  
減速比：1:3-1:500

Structure: Reducer+Electric motor+Speed governor  
Weight: 4.5kg  
Speed Reducing Ratio: 1:3-1:500

## 剎車調速型

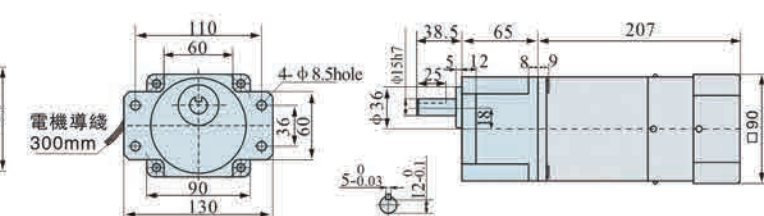
Brake Speed regulation type

## 齒輪品名

Name of Gear

5GS□K

A5IK90(120)RGU-AFM A5RK90(120)RGU-AFM  
A5IK90(120)RGU-CFM A5RK90(120)RGU-CFM



結構：減速器+電動機+剎車器+調速器  
重量：4.9kg  
減速比：1:3-1:500

Structure: Reducer+Electric motor+Brake+Speed governor  
Weight: 4.9kg  
Speed Reducing Ratio: 1:3-1:500

## 帶端子箱型

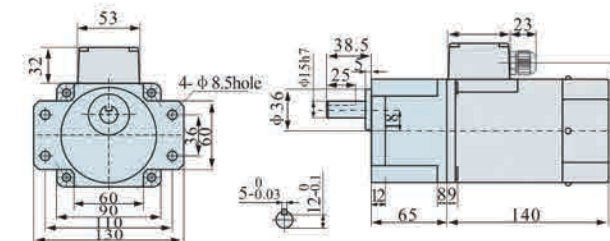
With terminal box type

## 齒輪品名

Name of Gear

5GS□K

A5IK90(120)GU-AFT A5RK90(120)GU-AFT  
A5IK90(120)GU-CFT A5RK90(120)GU-CFT  
A5IK90(120)GU-U(Y)FT A5RK90(120)GU-U(Y)FT  
A5IK90(120)GU-SFT A5RK90(120)GU-SFT



結構：減速器+電動機+端子箱  
重量：4.5kg  
減速比：1:3-1:500

Structure: Reducer+Electric motor+Terminal box  
Weight: 4.5kg  
Speed Reducing Ratio: 1:3-1:500

# 120/140W

□100mm

## 電機特性

List of motor characteristics



電機型號 Motor model	規格 Specs	輸出功率 Output Power W	電源電壓 Voltage V	頻率 Frequency Hz	電流 Current A	起動扭矩 Starting Torque		額定扭矩 Rated Torque		額定轉速 Rated Revolution r/min	電容量/耐壓 Capacity/ve μF/VAC
						mN.m	gf.cm	mN.m	gf.cm		
A6IK120GU-CF A6IK120A-CF	感應 Induction	120	單相 1-phase 220	50	1.0	1100	11000	880	8800	1350	6/450
				60	1.0	925	9250	740	7400	1550	6/450
A6RK120GU-CF A6RK120A-CF	可逆 Reversible	120	單相 1-phase 220	50	1.2	1575	15750	1260	12600	1350	8/450
				60	1.4	1225	12250	980	9800	1550	8/450
A6IK120GU-AF A6IK120A-AF	感應 Induction	120	單相 1-phase 110	50	1.7	1100	11000	880	8800	1350	30/250
				60	1.6	925	9250	740	7400	1550	28/250
A6RK120GU-AF A6RK120A-AF	可逆 Reversible	120	單相 1-phase 110	50	1.8	1575	15750	1260	12600	1350	32/250
				60	2.0	1225	12250	980	9800	1550	32/250
A6IK120GU-UF A6IK120A-UF	—	120	三相 3-phase 380	50	0.46	1100	11000	880	8800	1350	—
				60	0.42	925	9250	740	7400	1550	—
A6RK120GU-SF A6RK120A-SF	—	120	三相 3-phase 220	50	0.8	1100	11000	880	8800	1350	—
				60	0.73	925	9250	740	7400	1550	—
A6IK140GU-CF A6IK140A-CF	感應 Induction	140	單相 1-phase 220	50	1.23	1285	12850	1028	10280	1350	8/450
				60	1.12	1078	10780	863	8630	1550	8/450
A6RK140GU-CF A6RK140A-CF	可逆 Reversible	140	單相 1-phase 220	50	1.3	1285	12850	1028	10280	1350	10/450
				60	1.43	1078	10780	863	8630	1550	10/450
A6IK140GU-AF A6IK140A-AF	感應 Induction	140	單相 1-phase 110	50	2.05	1285	12850	1028	10280	1350	32/250
				60	1.9	1078	10780	863	8630	1550	30/250
A6RK140GU-AF A6RK140A-AF	可逆 Reversible	140	單相 1-phase 110	50	2.2	1285	12850	1028	10280	1350	40/250
				60	2.4	1078	10780	863	8630	1550	32/250
A6RK140GU-UF A6RK140A-UF	—	140	三相 3-phase 380	50	0.55	1285	12850	1028	10280	1350	—
				60	0.46	1078	10780	863	8630	1550	—
A6RK140GU-SF A6RK140A-SF	—	140	三相 3-phase 220	50	0.88	1285	12850	1028	10280	1350	—
				60	0.80	1078	10780	863	8630	1550	—

● 上表參數是指電機單獨，不附加任何負荷裝置。  
● 電機額定轉速、額定電流允許在±5%範圍內變動。

● Parameters in above table refer to motor alone, without any load device.  
● Permissible change in rated speed and rated current of the motor is within the range of ±5%.

## 減速電機允許負載

Allowable load for the gear motor

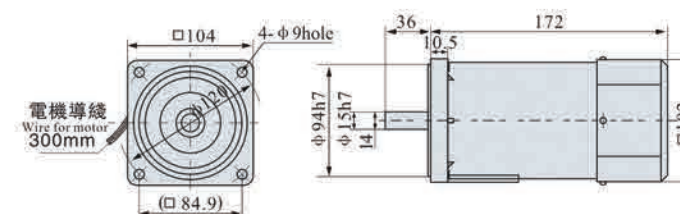
減速參數 Gearing-down parameter	同步轉速r/m Synchronous speed	減速比i ratio																						
		500	300	200	150	120	100	83	75	60	50	41	37	30	25	20	15	12	10	8	7	6	5	3
最大允許負載 Max allowable load	120W	kg.cm 2.11	36 3.52	54 5.28	69.8 6.85	85 8.45	103 10.2	125 12.3	139 13.6	172 16.9	209 20.5	226 22.14	251 24.6											315 31
	140W	kg.cm 2.46	42 4.11	63 6.16	73.5 8.02	99.2 9.86	120 11.8	132 13	147 14.4	200.7 19.73	221 21.7	238 23.4	265 26											330 32.5

● 轉速是以電動機的同步轉速為基準除以減速比而算出的數值。實際轉速將隨負載大小變化而比所示數值減少2~15%左右。  
● 希望以大于上表的減速比進一步減速時，可在電動機與減速機之間安裝減速比為10的中間減速機。  
● 當負載扭矩超過減速電機最大允許負載扭矩，并有堵轉情況存在時，請在減速箱輸出軸和負載連接處加裝扭矩限制裝置，確保齒輪減速箱正常運行。  
● The speed is based on the synchronous motor speed reduction ratio as a benchmark calculated by dividing the value of. Actual speed will vary the size of the load changes in less than the values shown in 2~15%.  
● Hope to the table of the reduction ratio is greater than the further reduction, it would be installed between the motor and the reducer reduction ratio of 10 the middle of the reducer.  
● When the load torque exceeds the maximum allowable load torque gear motor, and a locked rotor situation exists, please slow down box at the junction of the output shaft and load torque limit device installed to ensure the normal operation gearbox.

## 圓軸型

Circular shaft type

A 6IK120(140)A-AF A 6RK120(140)A-AF  
A 6IK120(140)A-CF A 6RK120(140)A-CF  
A 6IK120(140)A-YF A 6RK120(140)A-YF



結構：電動機 Structure: Electric motor  
重量：4.8kg Weight: 4.8kg

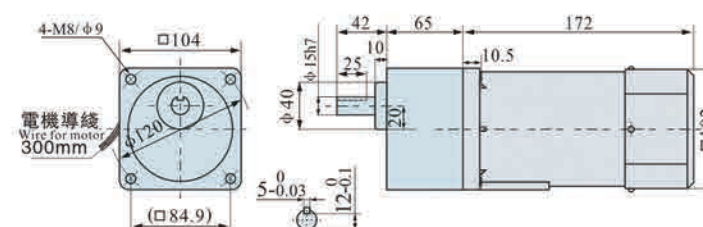
## 定速型

Fixed speed type

## 齒輪品名

Name of Gear 6GU□K

A6IK120(140)GU-AF A6RK120(140)GU-AF  
A6IK120(140)GU-CF A6RK120(140)GU-CF  
A6IK120(140)GU-YF A6RK120(140)GU-YF



結構：減速器+電動機 Structure: Reducer+Electric motor  
重量：6.4kg Weight: 6.4kg  
減速比：1:3-1:250 Speed Reducing Ratio: 1:3-1:250

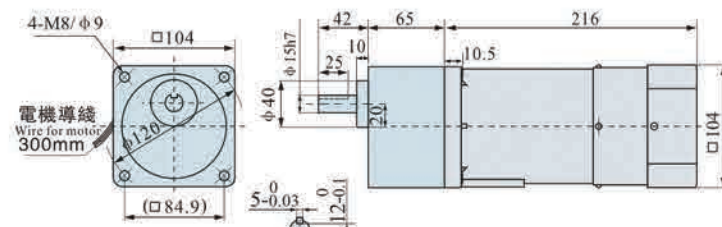
## 制車定速型

Brake fixed speed type

## 齒輪品名

Name of Gear 6GU□K

A6IK120(140)GU-AFM A6RK120(140)GU-AFM  
A6IK120(140)GU-CFM A6RK120(140)GU-CFM  
A6IK120(140)GU-YFM A6RK120(140)GU-YFM



結構：減速器+電動機+制車器 Structure: Reducer+Electric motor+Brake  
重量：6.9kg Weight: 6.9kg  
減速比：1:3-1:250 Speed Reducing Ratio: 1:3-1:250

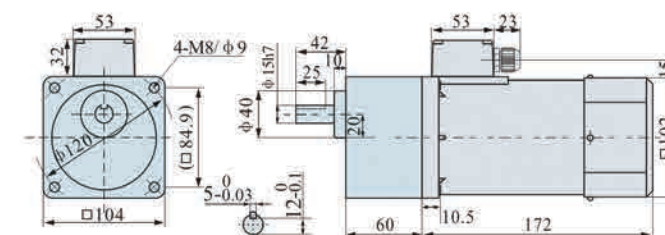
## 帶端子箱型

With terminal box type

## 齒輪品名

Name of Gear 6GU□K

A6IK120(140)GU-AFT A6RK120(140)GU-AFT  
A6IK120(140)GU-CFT A6RK120(140)GU-CFT  
A6IK120(140)GU-U(Y)FT A6RK120(140)GU-U(Y)FT  
A6IK120(140)GU-SFT A6RK120(140)GU-SFT



結構：減速器+電動機+端子箱 Structure: Reducer+Electric motor+Terminal box  
重量：6.5kg Weight: 6.5kg  
減速比：1:3-1:250 Speed Reducing Ratio: 1:3-1:250

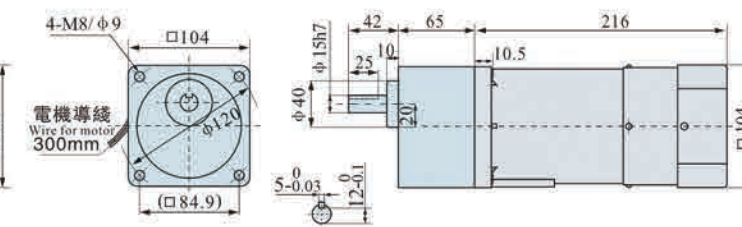
## 制車調速型

Brake Speed regulation type

## 齒輪品名

Name of Gear 6GU□K

A6IK120(140)RGU-AFM A6RK120(140)RGU-AFM  
A6IK120(140)RGU-CFM A6RK120(140)RGU-CFM



結構：減速器+電動機+制車器+調速器 Structure: Reducer+Electric motor+Brake+Speed governor  
重量：6.9kg Weight: 6.9kg  
減速比：1:3-1:250 Speed Reducing Ratio: 1:3-1:250

# 160/180W

□100mm



## 電機特性

List of motor characteristics

電機型號 Motor model	規格 Specs	輸出功率 Output Power W	電源電壓 Voltage V	頻率 Frequency Hz	電流 Current A	起動扭矩 Starting Torque		額定扭矩 Rated Torque		額定轉速 Rated Revolution r/min	電容量/耐壓 Capacity/Ve μF/VAC
						mN.m	gf.cm	mN.m	gf.cm		
A6IK160GU-CF A6IK160A-CF	感應 Induction	160	單相 1-phase 220	50	1.25	1575	15750	1260	12600	1350	8/450
A6RK160GU-CF A6RK160A-CF				60	1.24	1225	12250	980	9800	1550	8/450
A6IK160GU-CF A6IK160A-CF	可逆 Reversible	160	單相 1-phase 220	50	1.4	1575	15750	1260	12600	1350	10/450
A6RK160GU-CF A6RK160A-CF				60	1.46	1225	12250	980	9800	1550	10/450
A6IK160GU-AF A6IK160A-AF	感應 Induction	160	單相 1-phase 110	50	2.4	1575	15750	1260	12600	1350	32/250
A6RK160GU-AF A6RK160A-AF				60	2.2	1225	12250	980	9800	1550	30/250
A6IK160GU-AF A6IK160A-AF	可逆 Reversible	160	單相 1-phase 110	50	2.6	1575	15750	1260	12600	1350	40/250
A6RK160GU-AF A6RK160A-AF				60	2.8	1225	12250	980	9800	1550	36/250
A6IK160GU-UF A6IK160A-UF	—	160	三相 3-phase 380	50	0.55	1468	14680	1175	11750	1350	—
A6RK160GU-UF A6RK160A-UF				60	0.50	1232	12320	986	9860	1550	—
A6IK160GU-SF A6IK160A-SF	—	160	三相 3-phase 220	50	0.95	1468	14680	1175	11750	1350	—
A6RK160GU-SF A6RK160A-SF				60	0.86	1232	12320	986	9860	1550	—
A6IK180GU-CF A6IK180A-CF	感應 Induction	180	單相 1-phase 220	50	1.50	1837	18370	1470	14700	1350	10/450
A6RK180GU-CF A6RK180A-CF				60	1.46	1540	15400	1232	12320	1550	10/450
A6IK180GU-CF A6IK180A-CF	可逆 Reversible	180	單相 1-phase 220	50	1.50	1837	18370	1470	14700	1350	12/450
A6RK180GU-CF A6RK180A-CF				60	1.46	1540	15400	1232	12320	1550	12/450
A6IK180GU-AF A6IK180A-AF	感應 Induction	180	單相 1-phase 110	50	2.8	1837	18370	1470	14700	1350	40/250
A6RK180GU-AF A6RK180A-AF				60	2.6	1540	15400	1232	12320	1550	40/250
A6IK180GU-AF A6IK180A-AF	可逆 Reversible	180	單相 1-phase 110	50	2.8	1837	18370	1470	14700	1350	48/250
A6RK180GU-AF A6RK180A-AF				60	2.6	1540	15400	1232	12320	1550	48/250
A6IK180GU-UF A6IK180A-UF	—	180	三相 3-phase 380	50	0.80	1825	18250	1460	14600	1350	—
A6RK180GU-UF A6RK180A-UF				60	0.75	1475	14750	1180	11800	1550	—
A6IK180GU-SF A6IK180A-SF	—	180	三相 3-phase 220	50	1.05	1825	18250	1460	14600	1350	—
A6RK180GU-SF A6RK180A-SF				60	1.0	1475	14750	1180	11800	1550	—

- 上表參數是指電機單獨，不附加任何負荷裝置。
- Parameters in above table refer to motor alone, without any load device.
- 電機額定轉速、額定電流允許在±5%範圍內變動。
- Permissible change in rated speed and rated current of the motor is within the range of ±5%.

## 減速電機允許負載

Allowable load for the gear motor

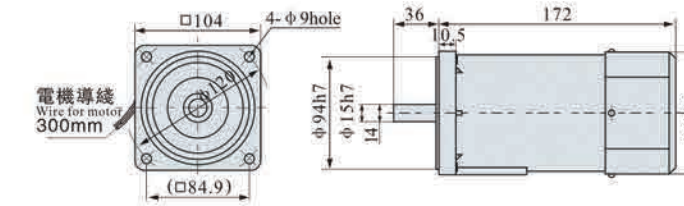
減速參數 Geared-down parameter	同步轉速r/m Synchronous speed	減速比i ratio																								
		500	300	200	150	120	100	83	75	60	50	41	37	30	25	20	15	12	10	8	7	6	5	3		
最大允許負載 Max allowable load	160W	28.7	48	72	87	113.3	137.3	157	174	229	261	285	317	396											440	43
	180W	32.3	54	81	94.7	127.5	154.5	170	189	237	284	310	344	430											440	43

- 轉速是以電動機的同步轉速為基準除以減速比而算出的數值。實際轉速將隨負載大小變化而比所示數值減少2-15%左右。
- 希望以大于上表的減速比進一步減速時，可在電動機與減速機之間安裝減速比為10的中間減速機。
- 當負載扭矩超過減速電機最大允許負載扭矩，并有堵轉情況存在時，請在減速箱輸出軸和負載連接處加裝扭矩限制裝置，確保齒輪減速箱正常運行。
- The speed is based on the synchronous motor speed reduction ratio as a benchmark calculated by dividing the value of. Actual speed will vary the size of the load changes in less than the values shown in 2-15%.
- Hope to the table of the reduction ratio is greater than the further reduction, it would be installed between the motor and the reducer reduction ratio of 10 the middle of the reducer.
- When the load torque exceeds the maximum allowable load torque gear motor, and a locked rotor situation exists, please slow down box at the junction of the output shaft and load torque limit device installed to ensure the normal operation gearbox.

## 圓軸型

Circular shaft type

- A6IK160(180)A-AF A6RK160(180)A-AF
- A6IK160(180)A-CF A6RK160(180)A-CF
- A6IK160(180)A-YF A6RK160(180)A-YF



結構：電動機  
重量：5kg  
Structure: Electric motor  
Weight: 5kg

## 定速型

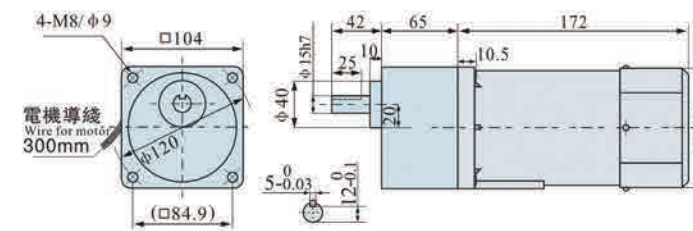
Fixed speed type

## 齒輪品名

Name of Gear

6GU□K

- A6IK160(180)GU-AF A6RK160(180)GU-AF
- A6IK160(180)GU-CF A6RK160(180)GU-CF
- A6IK160(180)GU-YF A6RK160(180)GU-YF



結構：減速器+電動機  
重量：6.6kg  
減速比：1:3-1:250  
Structure: Reducer+Electric motor  
Weight: 6.6kg  
Speed Reducing Ratio : 1:3-1:250

## 剎車定速型

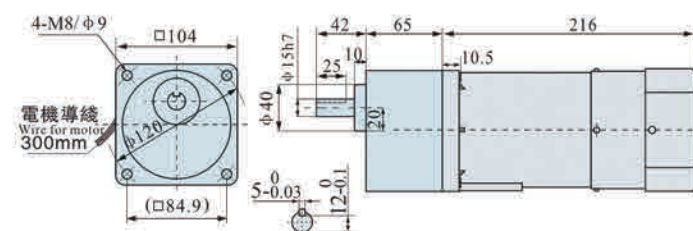
Brake fixed speed type

## 齒輪品名

Name of Gear

6GU□K

- A6IK160(180)GU-AFM A6RK160(180)GU-AFM
- A6IK160(180)GU-CFM A6RK160(180)GU-CFM
- A6IK160(180)GU-YFM A6RK160(180)GU-YFM



結構：減速器+電動機+剎車器  
重量：7kg  
減速比：1:3-1:250  
Structure: Reducer+Electric motor+Brake  
Weight: 7kg  
Speed Reducing Ratio : 1:3-1:250

## 帶端子箱型

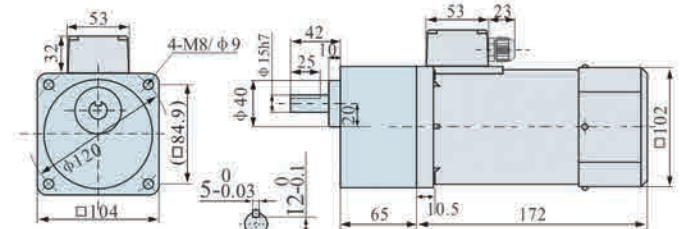
With terminal box type

## 齒輪品名

Name of Gear

6GU□K

- A6IK160(180)GU-AFT A6RK160(180)GU-AFT
- A6IK160(180)GU-CFT A6RK160(180)GU-CFT
- A6IK160(180)GU-U(Y)FT A6RK160(180)GU-U(Y)FT
- A6IK160(180)GU-SFT A6RK160(180)GU-SFT



結構：減速器+電動機+端子箱  
重量：6.7kg  
減速比：1:3-1:250  
Structure: Reducer+Electric motor+Terminal box  
Weight: 6.7kg  
Speed Reducing Ratio : 1:3-1:250

## 剎車調速型

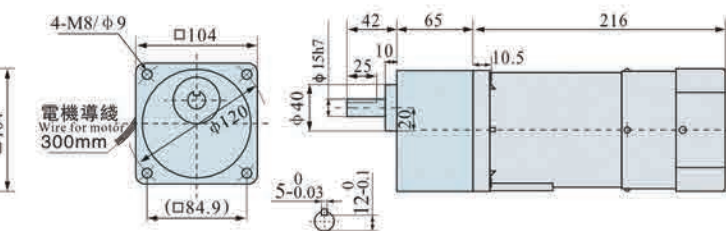
Brake Speed regulation type

## 齒輪品名

Name of Gear

6GU□K

- A6IK160(180)RGU-AFM A6RK160(180)RGU-AFM
- A6IK160(180)RGU-CFM A6RK160(180)RGU-CFM



結構：減速器+電動機+剎車器+調速器  
重量：7.1kg  
減速比：1:3-1:250  
Structure: Reducer+Electric motor+Brake+Speed governor  
Weight: 7.1kg  
Speed Reducing Ratio : 1:3-1:250

# 200/250W

□100mm



## 電機特性

List of motor characteristics

電機型號 Motor model	規格 Specs	輸出功率 Output Power W	電源電壓 Voltage V	頻率 Frequency Hz	電流 Current A	起動扭矩 Starting Torque		額定扭矩 Rated Torque		額定轉速 Rated Revolution r/min	電容量/耐壓 Capacity/Ve μF/VAC
						mN.m	gf.cm	mN.m	gf.cm		
A6IK200GU-CF A6IK200A-CF	感應 Induction	200	單相 1-phase 220	50	1.55	1485	14850	1414	14140	1350	8/450
60				1.5	1294	12940	1232	12320	1550	8/450	
A6RK200GU-CF A6RK200A-CF	可逆 Reversible			50	1.55	1485	14850	1414	14140	1350	10/450
60				1.5	1294	12940	1232	12320	1550	10/450	
A6IK200GU-AF A6IK200A-AF	感應 Induction	200	單相 1-phase 110	50	3.0	1485	14850	1414	14140	1350	32/250
60				2.8	1294	12940	1232	12320	1550	30/250	
A6RK200GU-AF A6RK200A-AF	可逆 Reversible			50	3.0	1485	14850	1414	14140	1350	40/250
60				2.8	1294	12940	1232	12320	1550	36/250	
A6IK200GU-UF A6IK200A-UF	—	200	三相 3-phase 380	50	0.9	1600	16000	1450	14500	1350	—
60				0.87	1386	13860	1260	12600	1550	—	
A6RK200GU-SF A6RK200A-SF	—			50	1.15	1600	16000	1450	14500	1350	—
60				1.1	1386	13860	1260	12600	1550	—	
A6IK250GU-CF A6IK250A-CF	感應 Induction	250	單相 1-phase 220	50	1.6	2020	20200	1837	18370	1350	10/450
60				1.55	1700	17000	1540	15400	1550	10/450	
A6RK250GU-CF A6RK250A-CF	可逆 Reversible			50	1.6	2020	20200	1837	18370	1350	12/450
60				1.55	1700	17000	1540	15400	1550	12/450	
A6IK250GU-AF A6IK250A-AF	感應 Induction	250	單相 1-phase 110	50	3.2	2020	20200	1837	18370	1350	40/250
60				3.0	1700	17000	1540	15400	1550	40/250	
A6RK250GU-AF A6RK250A-AF	可逆 Reversible			50	3.3	2020	20200	1837	18370	1350	48/250
60				3.2	1700	17000	1540	15400	1550	48/250	
A6RK250GU-UF A6RK250A-UF	—	250	三相 3-phase 380	50	1.3	2022	20220	1840	18400	1350	—
60				1.2	1760	17600	1600	16000	1550	—	
A6RK250GU-SF A6RK250A-SF	—			50	1.21	2022	20220	1840	18400	1350	—
60				1.15	1760	17600	1600	16000	1550	—	

● 上表參數是指電機單體，不附加任何負荷裝置。  
● 電機額定轉速、額定電流允許在±5%範圍內變動。  
● Parameters in above table refer to motor alone, without any load device.  
● Permissible change in rated speed and rated current of the motor is within the range of ±5%.

## 減速電機允許負載 Allowable load for the gear motor

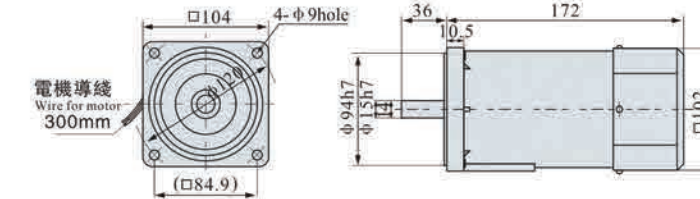
減速參數 Geared-down parameter	同步轉速 r/m Synchronous speed	減速比 i ratio																					
		500	300	200	150	120	100	85	75	60	50	40	37	30	25	20	15	12	10	8	7	6	
最大允許負載 Max allowable load	200W	kg.cm 3.86	6.64	8.8	11.7	14.5	17.6	21.0	23.4	29.3	35.1	38.4	42.6									440	43
	250W	kg.cm 4.83	8.1	11	14.6	18.3	22	26.4	29.3	36.6	43									440	43		

● 轉速是以電動機的同步轉速為基準除以減速比而算出的數值。實際轉速將隨負載大小變化而比所示數值減少2~15%左右。  
● 希望以大于上表的減速比進一步減速時，可在電動機與減速機之間安裝減速比為10的中間減速機。  
● 當負載扭矩超過減速電機最大允許負載扭矩，并有堵轉情況存在時，請在減速箱輸出軸和負載連接處加裝扭矩限制裝置，確保齒輪減速箱正常運行。  
● The speed is based on the synchronous motor speed reduction ratio as a benchmark calculated by dividing the value of. Actual speed will vary the size of the load changes in less than the values shown in 2~15%.  
● Hope to the table of the reduction ratio is greater than the further reduction, it would be installed between the motor and the reducer reduction ratio of 10 the middle of the reducer.  
● When the load torque exceeds the maximum allowable load torque gear motor, and a locked rotor situation exists, please slow down box at the junction of the output shaft and load torque limit device installed to ensure the normal operation gearbox.

## 圓軸型

Circular shaft type

A6IK200(250)A-AF A6RK200(250)A-AF  
A6IK200(250)A-CF A6RK200(250)A-CF  
A6IK200(250)A-YF A6RK200(250)A-YF



結構：電動機 Structure: Electric motor  
重量：5kg Weight: 5kg

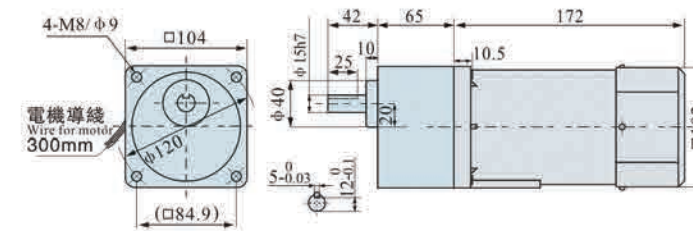
## 定速型

Fixed speed type

## 齒輪品名

Name of Gear 6GU□K

A6IK200(250)GU-AF A6RK200(250)GU-AF  
A6IK200(250)GU-CF A6RK200(250)GU-CF  
A6IK200(250)GU-YF A6RK200(250)GU-YF



結構：減速器+電動機 Structure: Reducer+Electric motor  
重量：6.6kg Weight: 6.6kg  
減速比：1:3-1:250 Speed Reducing Ratio: 1:3-1:250

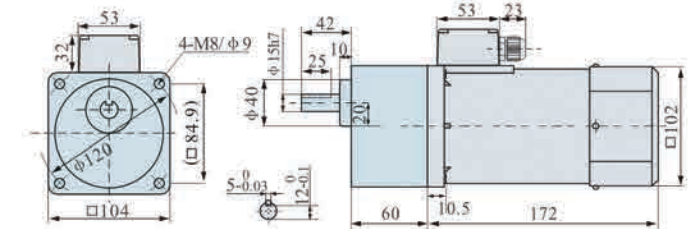
## 帶端子箱型

With terminal box type

## 齒輪品名

Name of Gear 6GU□K

A6IK200(250)GU-AFT A6RK200(250)GU-AFT  
A6IK200(250)GU-CFT A6RK200(250)GU-CFT  
A6IK200(250)GU-U(Y)FTA A6RK200(250)GU-U(Y)FT  
A6IK200(250)GU-SFT A6RK200(250)GU-SFT



結構：減速器+電動機+端子箱 Structure: Reducer+Electric motor+Terminal box  
重量：6.7kg Weight: 6.7kg  
減速比：1:3-1:250 Speed Reducing Ratio: 1:3-1:250

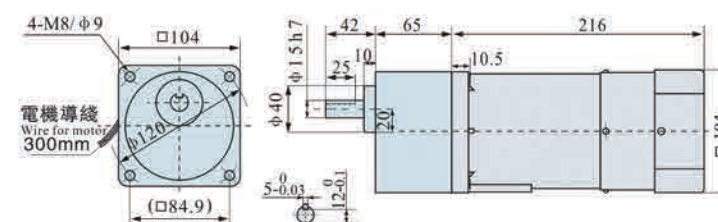
## 剎車定速型

Brake fixed speed type

## 齒輪品名

Name of Gear 6GU□K

A6IK200(250)GU-AFM A6RK200(250)GU-AFM  
A6IK200(250)GU-CFM A6RK200(250)GU-CFM  
A6IK200(250)GU-YFM A6RK200(250)GU-YFM



結構：減速器+電動機+剎車器 Structure: Reducer+Electric motor+Brake  
重量：7kg Weight: 7kg  
減速比：1:3-1:250 Speed Reducing Ratio: 1:3-1:250

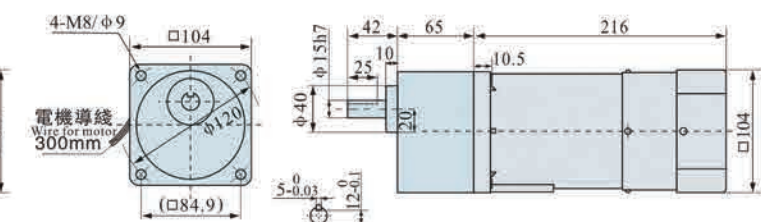
## 剎車調速型

Brake Speed regulation type

## 齒輪品名

Name of Gear 6GU□K

A6IK200(250)RGU-AFM A6RK200(250)RGU-AFM  
A6IK200(250)RGU-CFM A6RK200(250)RGU-CFM



結構：減速器+電動機+剎車器+調速器 Structure: Reducer+Electric motor+Brake+Speed governor  
重量：7.1kg Weight: 7.1kg  
減速比：1:3-1:250 Speed Reducing Ratio: 1:3-1:250

# 370W

□100mm



## 電機特性

List of motor characteristics

電機型號 Motor model	規格 Specs	輸出功率 Output Power W	電源電壓 Voltage V	頻率 Frequency Hz	電流 Current A	起動扭矩 Starting Torque		額定扭矩 Rated Torque		額定轉速 Rated Revolution r/min	電容量/耐壓 Capacity/Ve μF/VAC
						mN.m	gf.cm	mN.m	gf.cm		
A6IK370GU-CF A6IK370A-CF	感應 Induction	370	單相 1-phase 220	50	2.3	2944	29440	2560	25660	1350	15/450
A6RK370GU-CF A6RK370A-CF	可逆 Reversible			60	2.1	2622	26220	2280	22880	1550	15/450
				50	2.3	2944	29440	2560	25660	1350	15/450
A6RK370GU-CF A6RK370A-CF	可逆 Reversible			60	2.1	2622	26220	2280	22880	1550	15/450
		A6IK370GU-AF A6IK370A-AF	感應 Induction	370	單相 1-phase 110	50	3.0	2944	29440	2560	25660
A6RK370GU-AF A6RK370A-AF	可逆 Reversible	60	2.8			2622	26220	2280	22880	1550	30/250
		50	3.0			2944	29440	2560	25660	1350	40/250
A6RK370GU-AF A6RK370A-AF	可逆 Reversible	60	2.8			2622	26220	2280	22880	1550	36/250
		A6IK370GU-UF A6IK370A-UF	—	370	三相 3-phase 380	50	1.4	3018	30180	2624	26240
A6RK370GU-UF A6RK370A-UF	—	60	1.2			2680	26800	2330	23300	1550	—
		A6IK370GU-SF A6RK370A-SF	—	370	三相 3-phase 220	50	2.5	3018	30180	2624	26240
60	2.0					2680	26800	2330	23300	1550	—

- 上表參數是指電機單體，不附加任何負荷裝置。
- 電機額定轉速、額定電流允許在±5%範圍內變動。
- Parameters in above table refer to motor alone, without any load device.
- Permissible change in rated speed and rated current of the motor is within the range of ±5%.

## 減速電機允許負載

Allowable load for the gear motor

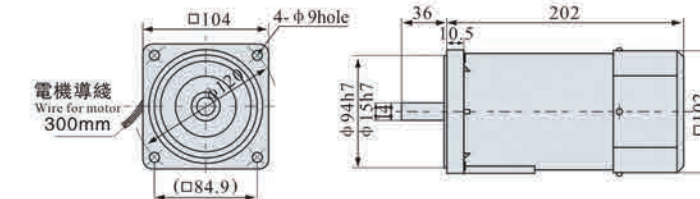
減速參數 Geared-down parameter	同步轉速r/m Synchronous speed	減速比i ratio																					
		500	300	200	150	120	100	85	75	60	50	40	37	30	25	20	15	12	10	8	7	6	
最大允許負載 Max allowable load	370W	kg.cm	62.2	106	142	190	238	285	342	381												440	
		N.m	6.22	10.4	14.0	18.6	23.3	28	33.6	37.3												43	

- 轉速是以電動機的同步轉速為基準除以減速比而算出的數值。實際轉速將隨負載大小變化而比所示數值減少2-15%左右。
- 希望以大于上表的減速比進一步減速時，可在電動機與減速機之間安裝減速比為10的中間減速機。
- 當負載扭矩超過減速電機最大允許負載扭矩，并有堵轉情況存在時，請在減速箱輸出軸和負載連接處加裝扭矩限制裝置，確保齒輪減速箱正常運行。
- The speed is based on the synchronous motor speed reduction ratio as a benchmark calculated by dividing the value of. Actual speed will vary the size of the load changes in less than the values shown in 2-15%.
- Hope to the table of the reduction ratio is greater than the further reduction, it would be installed between the motor and the reducer reduction ratio of 10 the middle of the reducer.
- When the load torque exceeds the maximum allowable load torque gear motor, and a locked rotor situation exists, please slow down box at the junction of the output shaft and load torque limit device installed to ensure the normal operation gearbox.

## 圓軸型

Circular shaft type

A6IK370A-AF A6RK370A-AF  
A6IK370A-CF A6RK370A-CF  
A6IK370A-YF A6RK370A-YF



結構：電動機 Structure: Electric motor  
重量：5kg Weight: 5kg

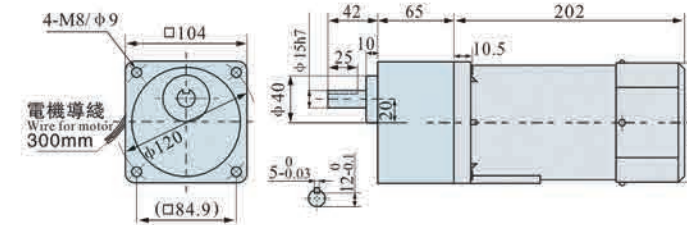
## 定速型

Fixed speed type

## 齒輪品名

Name of Gear 6GU□K

A6IK370CU-AF A6RK370CU-AF  
A6IK370GU-CF A6RK370GU-CF  
A6IK370GU-YF A6RK370GU-YF



結構：減速器+電動機  
重量：6.6kg  
減速比：1:3-1:250  
Structure: Reducer+Electric motor  
Weight: 6.6kg  
Speed Reducing Ratio: 1:3-1:250

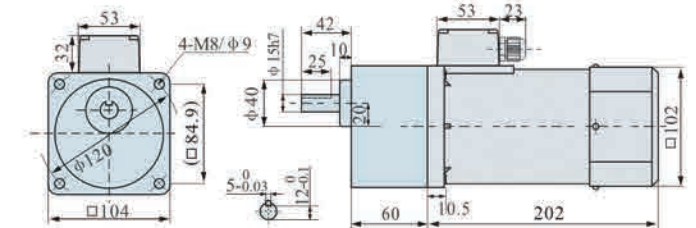
## 帶端子箱型

With terminal box type

## 齒輪品名

Name of Gear 6GU□K

A6IK370CU-AFT A6RK370CU-AFT  
A6IK370GU-CFT A6RK370GU-CFT  
A6IK370GU-U(Y)YF A6RK370GU-U(Y)YF  
A6IK370GU-SFT A6RK370GU-SFT



結構：減速器+電動機+端子箱  
重量：6.7kg  
減速比：1:3-1:250  
Structure: Reducer+Electric motor+Terminal box  
Weight: 6.7kg  
Speed Reducing Ratio: 1:3-1:250

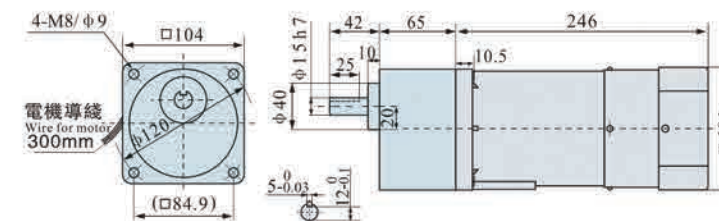
## 剎車定速型

Brake fixed speed type

## 齒輪品名

Name of Gear 6GU□K

A6IK370CU-AFM A6RK370CU-AFM  
A6IK370GU-CFM A6RK370GU-CFM  
A6IK370GU-YFM A6RK370GU-YFM



結構：減速器+電動機+剎車器  
重量：7kg  
減速比：1:3-1:250  
Structure: Reducer+Electric motor+Brake  
Weight: 7kg  
Speed Reducing Ratio: 1:3-1:250

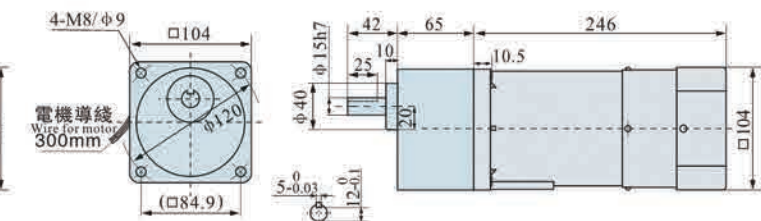
## 剎車調速型

Brake Speed regulation type

## 齒輪品名

Name of Gear 6GU□K


A6IK370RCU-AFM A6RK370RCU-AFM  
A6IK370RGU-CFM A6RK370RGU-CFM



結構：減速器+電動機+剎車器+調速器  
重量：7.1kg  
減速比：1:3-1:250  
Structure: Reducer+Electric motor+Brake+Speed governor  
Weight: 7.1kg  
Speed Reducing Ratio: 1:3-1:250

**交流馬達型號之選定**

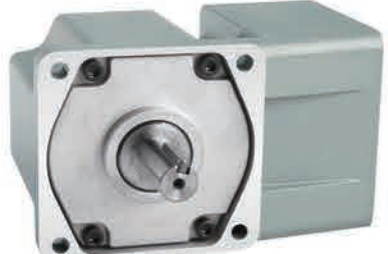
The selection for AC motor and gear

A4	R	K	25	GN	A	□
↓	↓	↓	↓	↓	↓	↓
<b>外形尺寸</b> Overall Dimensions	<b>機種</b> Kinds	<b>馬達系列</b> Motor Series	<b>出力</b> Output Force	<b>馬達軸形狀</b> Motor Axis Shape	<b>電壓極數</b> Voltage Poles	<b>其它附件</b> Other Accessories
4:80mm 5:90mm 6:100mm	I:感應式 R:可逆式 T:轉矩馬達	I: Inductive R: Reversible T: Torque Motor K系列 K Series	25=25W 40=40W 60=60W 90=90W 120=120W 140=140W 160=160W 180=180W 200=200W 250=250W	GN螺旋齒軸 (25W-40W馬達) GN Spiral Toothed Axis (25W-40W motor)  GU螺旋齒軸 (60W-250W馬達) GU Spiral Toothed Axis (60W-250W motor)	A=1 φ 110V4P B=1 φ 110V2P C=1 φ 220V4P D=1 φ 220V2P S=3 φ 220V4P U=3 φ 380V4P W=3 φ 440V4P Y=3 φ 220/380V4P Z=3 φ 220/440V4P H=3 φ 380V2P	F:風扇 M:電磁剎車 Z:機械阻尼 T:接線盒 P:溫度開關
						

馬達軸形狀前加R為調速馬達  
Plus "R" before the axis shape of the motor stands for the speed regulation motor.

**齒輪型號之選定**

The selection for AC motor

4	GU	100	RC	K
↓	↓	↓	↓	↓
<b>外形尺寸</b> Overall Dimensions	<b>齒輪種類</b> Kinds of Gears	<b>減速比</b> Speed Reducing Ratio	<b>出力軸種類</b> Type of output shaft	<b>齒輪軸承種類</b> Kinds of Gear Bearings
3:70mm 4:80mm 5:90mm 6:100mm	GU 加強形齒輪箱 GN 一般形齒輪箱		RC:中空軸 RT:中實軸	K=滾珠培林軸承 K= Ball Bearing
				



# 25/30W

□80mm

## 電機特性

List of motor characteristics



電機型號 Motor model	規格 Specs	輸出功率 Output Power W	電源電壓 Voltage V	頻率 Frequency Hz	電流 Current A	起動扭矩 Starting Torque		額定扭矩 Rated Torque		額定轉速 Rated Revolution r/min	電容量/耐壓 Capacity/Ve μF/VAC
						mN.m	gf.cm	mN.m	gf.cm		
A4IK25GN-C A4IK25A-C	感應 Induction	25	單相 1-phase 220	50	0.22	231	2310	185	1850	1250	1.5/450
				60	0.21	192	1920	154	1540	1550	1.5/450
A4RK25GN-C A4RK25A-C	可逆 Reversible	25	單相 1-phase 220	50	0.24	231	2310	185	1850	1250	2/450
				60	0.26	192	1920	154	1540	1550	2/450
A4IK25GN-A A4IK25A-A	感應 Induction	25	單相 1-phase 110	50	0.48	231	2310	185	1850	1250	6/250
				60	0.46	192	1920	154	1540	1550	6/250
A4RK25GN-A A4RK25A-A	可逆 Reversible	25	單相 1-phase 110	50	0.50	231	2310	185	1850	1250	8/250
				60	0.56	192	1920	154	1540	1550	8/250
A4IK25GN-U A4IK25A-U	—	25	三相 3-phase 380	50	0.14	231	2310	185	1850	1250	—
				60	0.12	192	1920	154	1540	1550	—
A4RK25GN-S A4RK25A-S	—	25	三相 3-phase 220	50	0.24	231	2310	185	1850	1250	—
				60	0.225	192	1920	154	1540	1550	—
A4IK30GN-C A4IK30A-C	感應 Induction	30	單相 1-phase 220	50	0.28	275	2750	220	2200	1250	2.2/450
				60	0.3	231	2310	185	1850	1550	2.2/450
A4RK30GN-C A4RK30A-C	可逆 Reversible	30	單相 1-phase 220	50	0.3	275	2750	220	2200	1250	2.5/450
				60	0.32	231	2310	185	1850	1550	2.5/450
A4IK30GN-A A4IK30A-A	感應 Induction	30	單相 1-phase 110	50	0.58	275	2750	220	2200	1250	8/250
				60	0.60	231	2310	185	1850	1550	8/250
A4RK30GN-A A4RK30A-A	可逆 Reversible	30	單相 1-phase 110	50	0.60	275	2750	220	2200	1250	10/250
				60	0.65	231	2310	185	1850	1550	10/250

- 上表參數是指電機單獨，不附加任何負荷裝置。
- Parameters in above table refer to motor alone, without any load device.
- 電機額定轉速、額定電流允許在±5%範圍內變動。
- Permissible change in rated speed and rated current of the motor is within the range of ±5%.

## 減速電機允許負載

Allowable load for the gear motor

減速參數 Geared-down parameter	同步轉速 r/m Synchronous speed	減速比 i																					
		500	300	250	200	150	120	100	83	75	60	50	40	35	30	25	20	15	12	10	8	7	6
最大允許負載 Max allowable load	25W	kg.cm	4.5	7.9	9.46	12	15.7	19	23	28.4	31.5	35	42	51.1	56.7	62	76.6	80					
	N.m	0.45	0.79	0.93	1.18	1.55	1.86	2.25	2.78	3.1	3.43	4.12	5.01	5.57	6.18	7.52	7.84						
30W	kg.cm	5.7	8.1	11.3	14.2	18.9	23.6	28.3	34	37.8	42.5	51.1	60.2	68.1	65.7	80							
	N.m	0.56	0.8	1.1	1.39	1.85	2.32	2.78	3.34	3.7	4.17	5.01	6.01	6.68	6.5	7.84							

- 轉速是以電動機的同步轉速為基準除以減速比而算出的數值。實際轉速將隨負載大小變化而比所示數值減少2-15%左右。
- 希望以大于上表的減速比進一步減速時，可在電動機與減速機之間安裝減速比為10的中間減速機。
- 當負載扭矩超過減速電機最大允許負載扭矩，并有堵轉情況存在時，請在減速箱輸出軸和負載連接處加裝扭矩限制裝置，確保齒輪減速箱正常運行。
- The speed is based on the synchronous motor speed reduction ratio as a benchmark calculated by dividing the value of. Actual speed will vary the size of the load changes in less than the values shown in 2-15%.
- Hope to the table of the reduction ratio is greater than the further reduction, it would be installed between the motor and the reducer reduction ratio of 10 the middle of the reducer.
- When the load torque exceeds the maximum allowable load torque gear motor, and a locked rotor situation exists, please slow down box at the junction of the output shaft and load torque limit device installed to ensure the normal operation gearbox.

## 直角中實減速箱

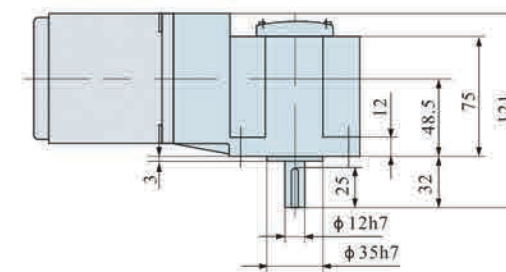
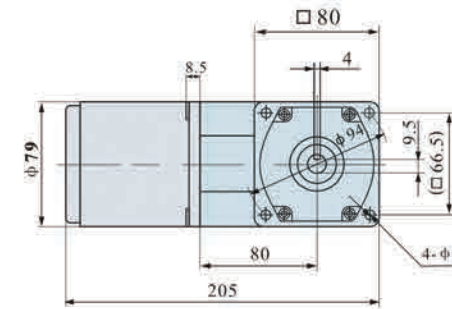
Right angle solid-shaft reduction gear box



型號:4GN □RT-K Model:4GN □RT-K

## 80型 CAD 尺寸 Model 80 CAD size

組合：定速電機+直角中實減速箱  
質量：3.4kg  
Combination: fixed speed motor + right angle solid reduction gear box  
Mass: 3.4kg



## 直角中空減速箱

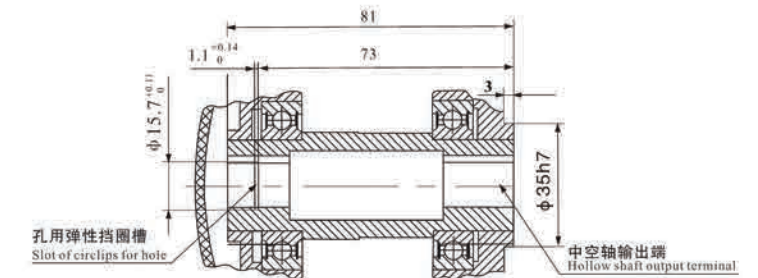
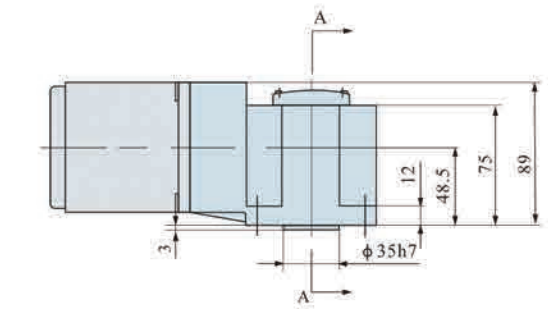
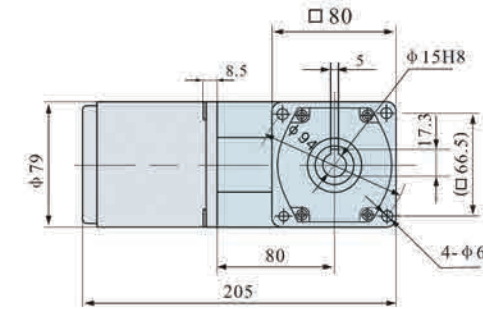
Right angle hollow-shaft reduction gear box



型號:4GN □RC-K Model:4GN □RC-K

## 80型 CAD 尺寸 Model 80 CAD size

組合：定速電機+直角中空減速箱  
質量：3.3kg  
Combination: fixed speed motor + right angle hollow reduction gear box  
Mass: 3.3kg

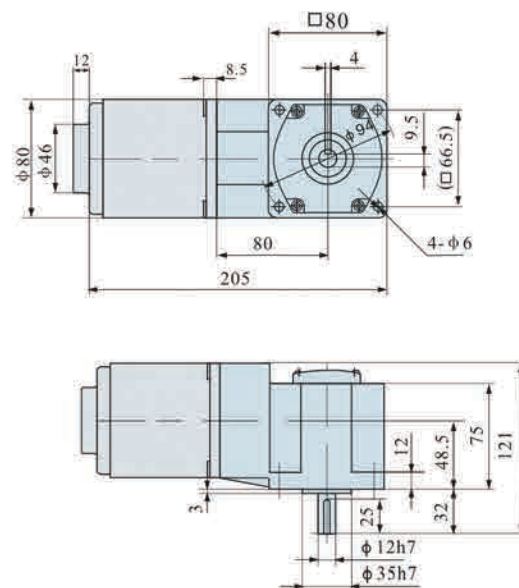


A-A旋轉  
A-A rotation  
2:1

80型 CAD 尺寸  
Model 80 CAD size

組合：調速電機+直角中實減速箱  
質量：3.5kg

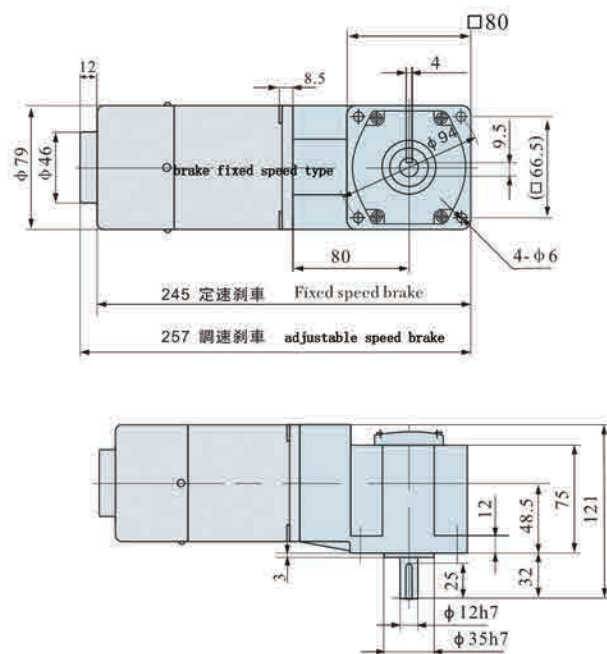
Combination: adjustable speed motor + right angle solid reduction gear box  
Mass: 3.5kg



80型 CAD 尺寸  
Model 80 CAD size

組合：剎車定速/調速電機+直角中實減速箱  
質量：3.8kg

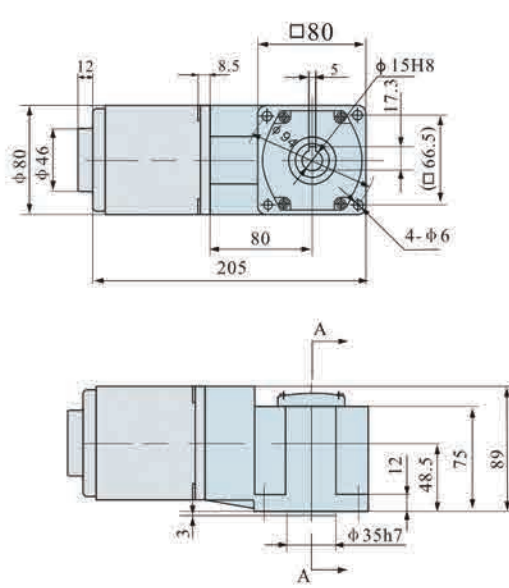
Combination: fixed speed / adjustable speed brake motor + right angle solid deceleration gear box  
Mass: 3.8 kg



80型 CAD 尺寸  
Model 80 CAD size

組合：調速電機+直角中空減速箱  
質量：3.4kg

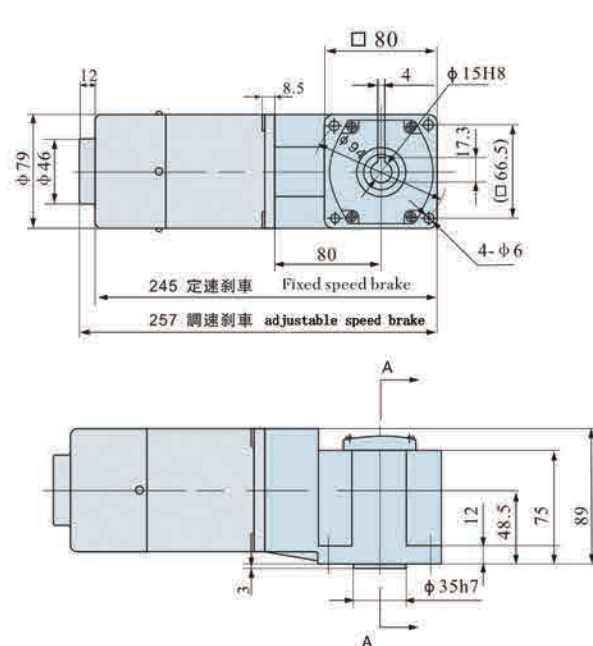
Combination: adjustable speed motor + right angle hollow deceleration gear box  
Mass: 3.4kg



80型 CAD 尺寸  
Model 80 CAD size

組合：剎車定速/調速電機+直角中空減速箱  
質量：3.7kg

Combination: fixed speed / adjustable speed brake motor + right angle hollow deceleration gear box  
Mass: 3.7kg



40W

□90mm



電機特性

List of motor characteristics

電機型號 Motor model	規格 Specs	輸出功率 Output Power W	電源電壓 Voltage V	頻率 Frequency Hz	電流 Current A	起動扭矩 Starting Torque		額定扭矩 Rated Torque		額定轉速 Rated Revolution r/min	電容量/耐壓 Capacity/Ve μF/VAC
						mN.m	gf.cm	mN.m	gf.cm		
A51K40GN-C A51K40A-C	感應 Induction	40	單相 1-phase 220	50	0.35	367	3670	294	2940	1300	2.5/450
				60	0.33	307	3070	246	2460	1550	2.5/450
A5RK40GN-C A5RK40A-C	可逆 Reversible	40	單相 1-phase 110	50	0.38	367	3670	294	2940	1300	3.0/450
				60	0.4	307	3070	246	2460	1550	3.0/450
A51K40GN-A A51K40A-A	感應 Induction	40	單相 1-phase 110	50	0.70	367	3670	294	2940	1300	10/250
				60	0.72	307	3070	246	2460	1550	10/250
A5RK40GN-A A5RK40A-A	可逆 Reversible	40	單相 1-phase 110	50	0.76	367	3670	294	2940	1300	12/250
				60	0.80	307	3070	246	2460	1550	12/250
A51K40GN-U A51K40A-U	—	40	三相 3-phase 380	50	0.24	367	3670	294	2940	1300	—
				60	0.22	307	3070	246	2460	1550	—
A5RK40GN-S A5RK40A-S	—	40	三相 3-phase 220	50	0.42	367	3670	294	2940	1300	—
				60	0.38	307	3070	246	2460	1550	—

● 上表參數是指電機單體，不附加任何負荷裝置。  
● 電機額定轉速、額定電流允許在±5%範圍內變動。

● Parameters in above table refer to motor alone, without any load device.  
● Permissible change in rated speed and rated current of the motor is within the range of ±5%.

減速電機允許負載

Allowable load for the gear motor

減速參數 Geared-down parameter	同步轉速 r/m Synchronous speed	減速比 i																								
		500	300	250	200	150	120	100	75	60	50	40	35	30	25	20	15	12	10	8	7	6	5	3		
最大允許負載 Max allowable load	40W	kg.cm	7.3	12	14.5	18	24.2	30	36	43.6	55	65.5	78	87	98											100
		N.m	0.72	1.18	1.43	1.77	2.4	2.94	3.53	4.28	5.0	6.24	7.7	8.57	9.64											9.81

● 轉速是以電動機的同步轉速為基準除以減速比而算出的數值。實際轉速將隨負載大小變化而比所示數值減少2-15%左右。  
● 希望以大于上表的減速比進一步減速時，可在電動機與減速機之間安裝減速比為10的中間減速機。  
● 當負載扭矩超過減速電機最大允許負載扭矩，并有堵轉情況存在時，請在減速箱輸出軸和負載連接處加裝扭矩限制裝置，確保齒輪減速箱正常運行。  
● The speed is based on the synchronous motor speed reduction ratio as a benchmark calculated by dividing the value of. Actual speed will vary the size of the load changes in less than the values shown in 2-15%.  
● Hope to the table of the reduction ratio is greater than the further reduction, it would be installed between the motor and the reducer reduction ratio of 10 the middle of the reducer.  
● When the load torque exceeds the maximum allowable load torque gear motor, and a locked rotor situation exists, please slow down box at the junction of the output shaft and load torque limit device installed to ensure the normal operation gearbox.

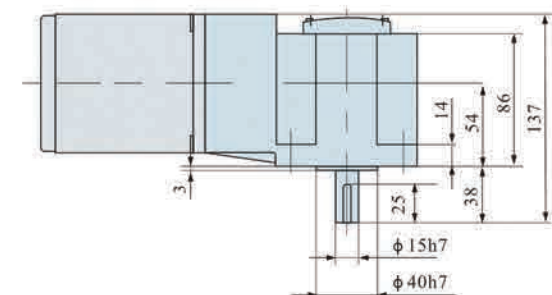
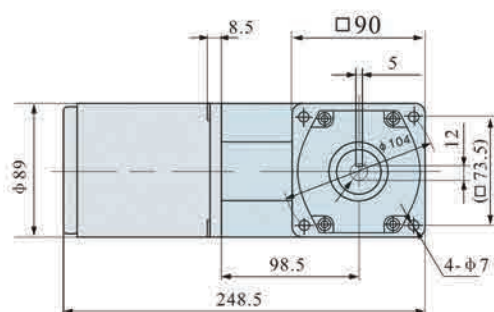
**直角中實減速箱**  
Right angle solid-shaft reduction gear box



型号:5GU □RT-K Model:5GU □RT-K

**90型 CAD 尺寸**  
Model 90 CAD size

組合: 定速電機+直角中實減速箱  
質量: 5.3kg  
Combination: fixed speed motor + right angle solid reduction gear box  
Mass: 5.3kg



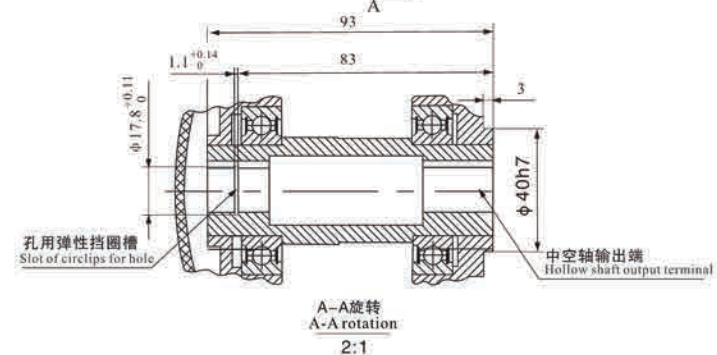
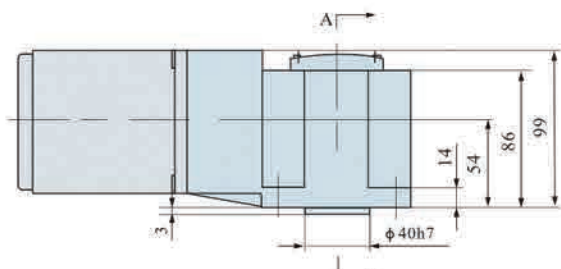
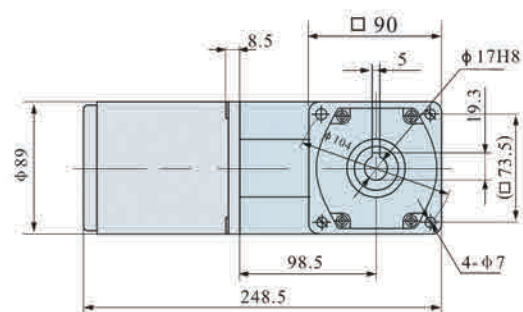
**直角中空減速箱**  
Right angle hollow-shaft reduction gear box



型号:5GU □RC-K Model:5GU □RC-K

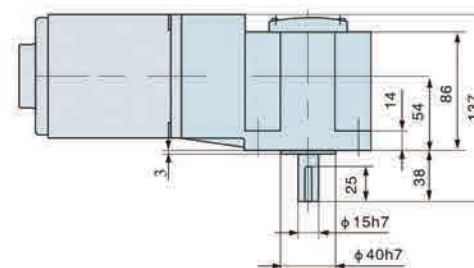
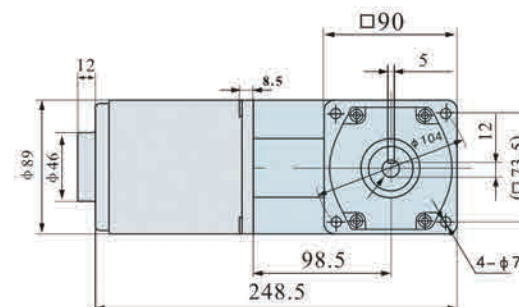
**90型 CAD 尺寸**  
Model 90 CAD size

組合: 定速電機+直角中空減速箱  
質量: 5.2kg  
Combination: fixed speed motor + right angle hollow reduction gear box  
Mass: 5.2kg



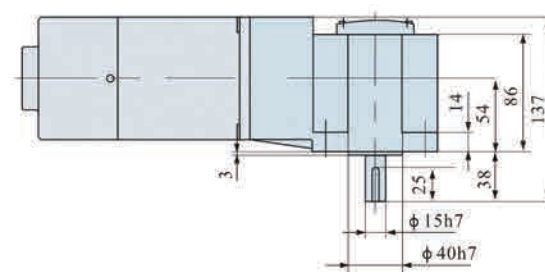
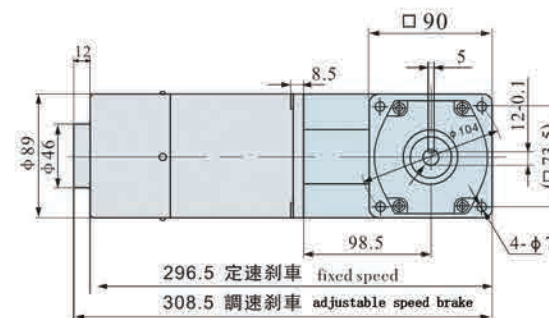
**90型 CAD 尺寸**  
Model 90 CAD size

組合: 調速電機+直角中實減速箱  
質量: 5.4kg  
Combination: adjustable speed motor + right angle solid reduction gear box  
Mass: 5.4kg



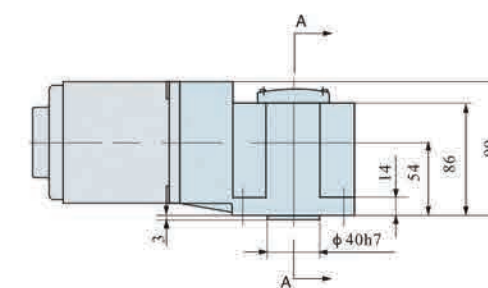
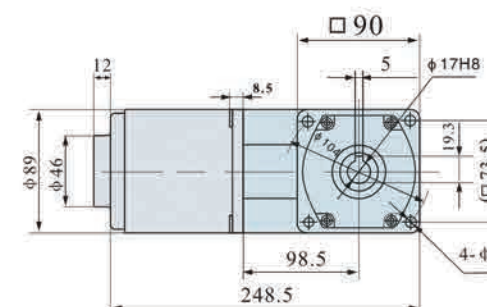
**90型 CAD 尺寸**  
Model 90 CAD size

組合: 剎車定速/調速電機+直角中實減速箱  
質量: 5.7kg  
Combination: fixed speed / adjustable speed brake motor + right angle solid deceleration gear box  
Mass: 5.7 kg



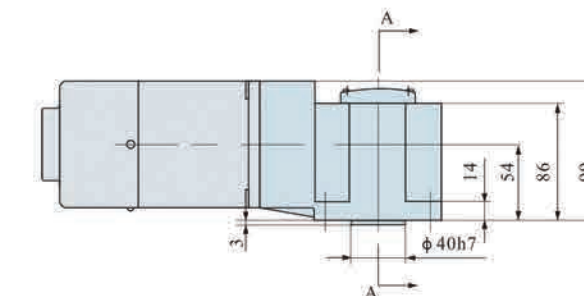
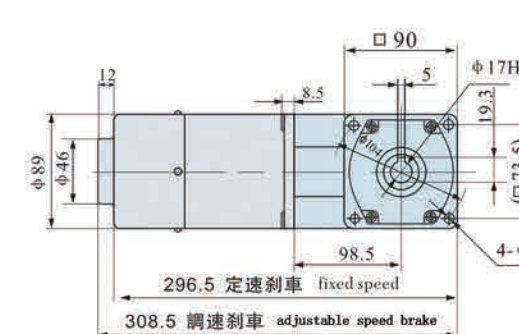
**90型 CAD 尺寸**  
Model 90 CAD size

組合: 調速電機+直角中空減速箱  
質量: 5.3kg  
Combination: adjustable speed motor + right angle hollow deceleration gear box  
Mass: 5.3kg



**90型 CAD 尺寸**  
Model 90 CAD size

組合: 剎車定速/調速電機+直角中空減速箱  
質量: 5.6kg  
Combination: fixed speed / adjustable speed brake motor + right angle hollow deceleration gear box  
Mass: 5.6kg



60W

□90mm



電機特性

List of motor characteristics

電機型號 Motor model	規格 Specs	輸出功率 Output Power W	電源電壓 Voltage V	頻率 Frequency Hz	電流 Current A	起動扭矩 Starting Torque		額定扭矩 Rated Torque		額定轉速 Rated Revolution r/min	電容量/耐壓 Capacity/Ve μF/VAC
						mN.m	gf.cm	mN.m	gf.cm		
A5IK60GU-CF A5IK60A-CF	感應 Induction	60	單相 1-phase 220	50	0.45	551	5510	441	4410	1350	3.5/450
				60	0.48	462	4620	370	3700	1550	3.5/450
A5RK60GU-CF A5RK60A-CF	可逆 Reversible	60	單相 1-phase 110	50	0.5	837	8370	670	6700	1350	4/450
				60	0.52	692	6920	554	5540	1550	4/450
A5IK60GU-AF A5IK60A-AF	感應 Induction	60	單相 1-phase 220	50	0.90	551	5510	441	4410	1350	14/250
				60	0.88	462	4620	370	3700	1550	14/250
A5RIK60GU-AF A5RK60A-AF	可逆 Reversible	60	單相 1-phase 110	50	1.0	837	8370	670	6700	1350	16/250
				60	1.2	692	6920	554	5540	1550	16/250
A5IK60GU-UF A5IK60A-UF	—	60	三相 3-phase 380	50	0.30	551	5510	441	4410	1350	—
				60	0.28	462	4620	370	3700	1550	—
A5RK60GU-SF A5RK60A-SF	—	60	三相 3-phase 220	50	0.52	551	5510	441	4410	1350	—
				60	0.48	462	4620	370	3700	1550	—

- 上表參數是指電機單體，不附加任何負荷裝置。
- 電機額定轉速、額定電流允許在±5%範圍內變動。

- Parameters in above table refer to motor alone, without any load device.
- Permissible change in rated speed and rated current of the motor is within the range of ±5%.

減速電機允許負載

Allowable load for the gear motor

減速參數 Geared-down parameter	同步轉速 r/m Synchronous speed	減速比 i ratio																								
		500	375	300	250	200	150	120	100	75	60	50	40	35	30	25	20	15	12	10	8	7	6	5	3	
最大允許負載 Max allowable load	60W	kg.cm	11	14.6	18	21.8	27	36	41	50	65	81	98	117	130	147										200
		N.m	1.08	1.42	1.77	2.14	2.64	3.57	4.02	4.80	6.24	8.03	9.64	11.5	12.8	14.4										19.6

- 轉速是以電動機的同步轉速為基準除以減速比而算出的數值。實際轉速將隨負載大小變化而比所示數值減少2~15%左右。
- 希望以大于上表的減速比進一步減速時，可在電動機與減速機之間安裝減速比為10的中間減速機。
- 當負載扭矩超過減速電機最大允許負載扭矩，并有堵轉情況存在時，請在減速箱輸出軸和負載連接處加裝扭矩限制裝置，確保齒輪減速箱正常運行。
- The speed is based on the synchronous motor speed reduction ratio as a benchmark calculated by dividing the value of. Actual speed will vary the size of the load changes in less than the values shown in 2~15%.
- Hope to the table of the reduction ratio is greater than the further reduction, it would be installed between the motor and the reducer reduction ratio of 10 the middle of the reducer.
- When the load torque exceeds the maximum allowable load torque gear motor, and a locked rotor situation exists, please slow down box at the junction of the output shaft and load torque limit device installed to ensure the normal operation gearbox.

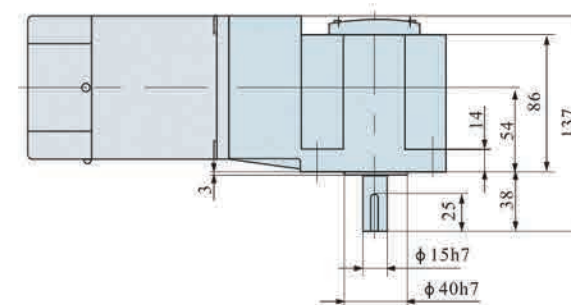
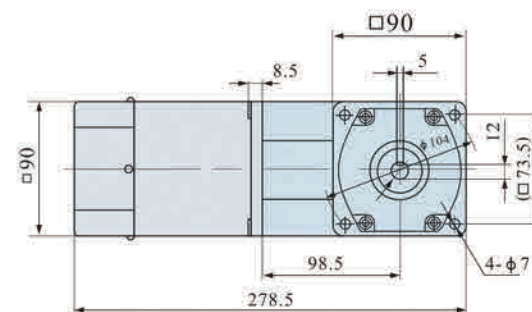
直角中實減速箱  
Right angle solid-shaft reduction gear box



型号:5GU □RT-K Model:5GU □RT-K

90型 CAD 尺寸  
Model 90 CAD size

組合：定速電機+直角中實減速箱  
質量：5.4kg  
Combination: fixed speed motor + right angle solid reduction gear box  
Mass: 5.4kg



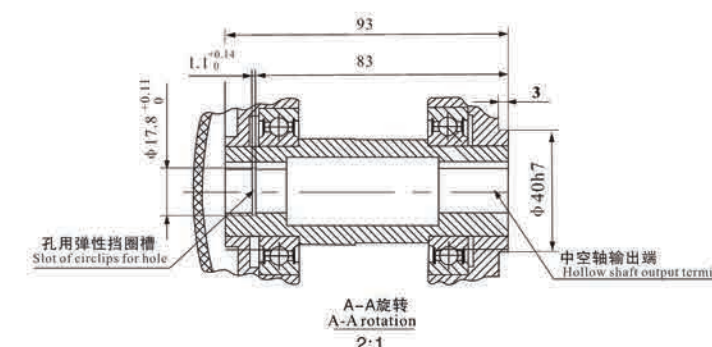
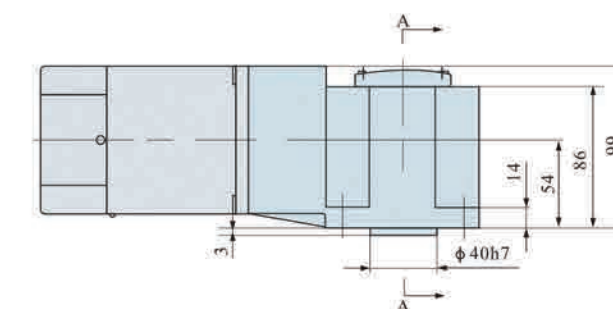
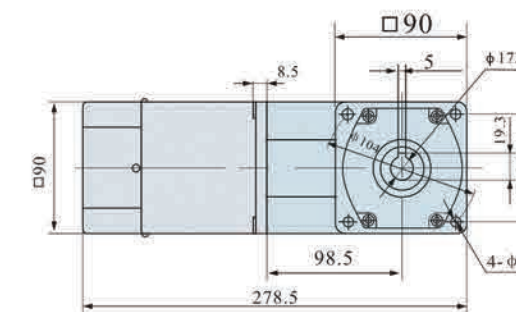
直角中空減速箱  
Right angle hollow-shaft reduction gear box



型号:5GU □RC-K Model:5GU □RC-K

90型 CAD 尺寸  
Model 90 CAD size

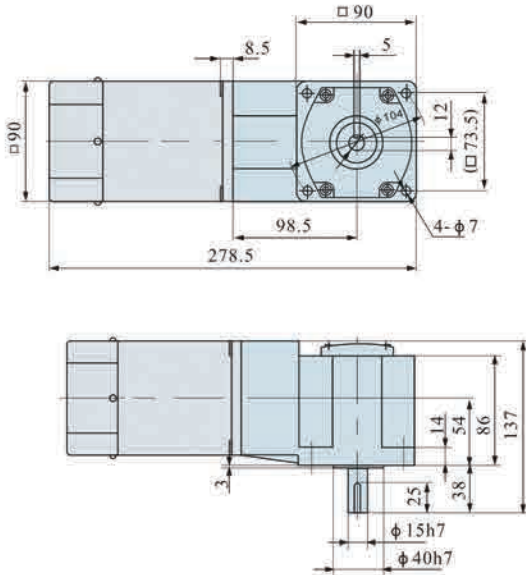
組合：定速電機+直角中空減速箱  
質量：5.3kg  
Combination: fixed speed motor + right angle hollow reduction gear box  
Mass: 5.3kg



90型 CAD 尺寸  
Model 90 CAD size

組合：調速電機+直角中實減速箱  
質量：5.5kg

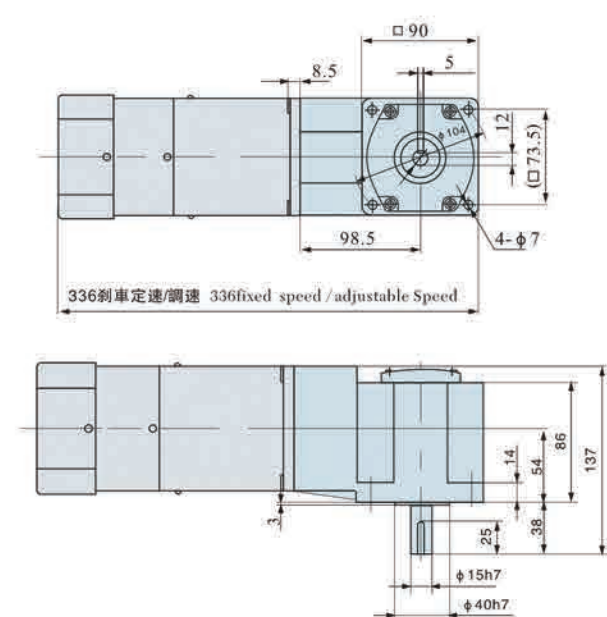
Combination: adjustable speed motor + right angle solid reduction gear box  
Mass: 5.5kg



90型 CAD 尺寸  
Model 90 CAD size

組合：剎車定速/調速電機+直角中實減速箱  
質量：6.1kg

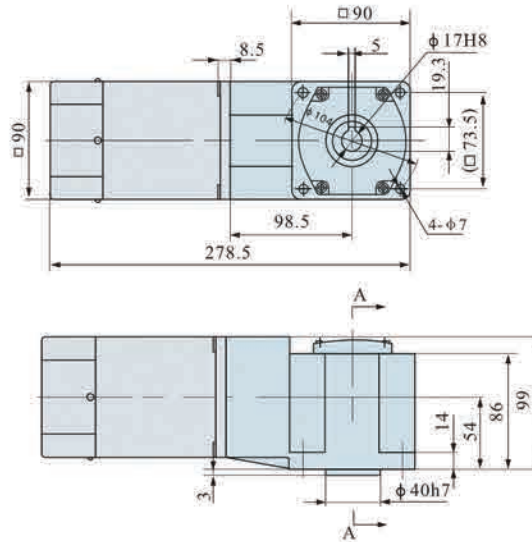
Combination: fixed speed / adjustable speed brake motor + right angle solid deceleration gear box  
Mass: 6.1 kg



90型 CAD 尺寸  
Model 90 CAD size

組合：調速電機+直角中空減速箱  
質量：5.4kg

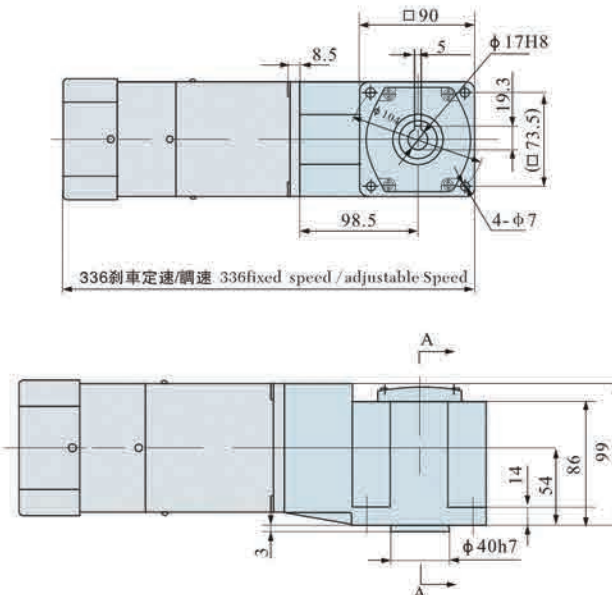
Combination: adjustable speed motor + right angle hollow deceleration gear box  
Mass: 5.4kg



90型 CAD 尺寸  
Model 90 CAD size

組合：剎車定速/調速電機+直角中空減速箱  
質量：6kg

Combination: fixed speed / adjustable speed brake motor + right angle hollow deceleration gear box  
Mass: 6kg

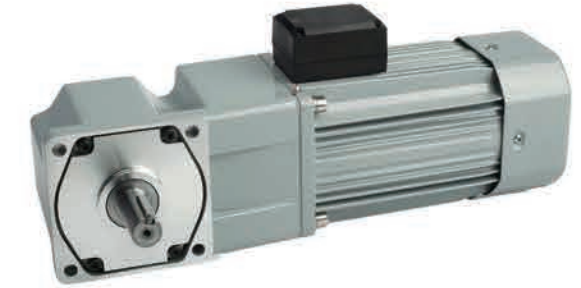


90/120W

□90mm

電機特性

List of motor characteristics



電機型號 Motor model	規格 Specs	輸出功率 Output Power W	電源電壓 Voltage V	頻率 Frequency Hz	電流 Current A	起動扭矩 Starting Torque mN.m gf.cm	額定扭矩 Rated Torque mN.m gf.cm	額定轉速 Rated Revolution r/min	電容量/耐壓 Capacity/Ve μF/VAC		
A5IK90GU-CF A5IK90A-CF	感應 Induction	90	單相 1-phase 220	50	0.62	837	8370	670	6700	1350	5/450
A5RK90GU-CF A5RK90A-CF	可逆 Reversible			60	0.60	692	6920	554	5540	1550	5/450
A5IK90GU-AF A5IK90A-AF	感應 Induction			50	0.68	837	8370	670	6700	1350	6/450
A5RK90GU-AF A5RK90A-AF	可逆 Reversible			60	0.72	692	6920	554	5540	1550	6/450
A5IK90GU-UF A5IK90A-UF	—	90	單相 1-phase 110	50	1.25	837	8370	670	6700	1350	20/250
A5RK90GU-UF A5RK90A-UF	—			60	1.2	692	6920	554	5540	1550	18/250
A5IK90GU-SF A5IK90A-SF	—	90	三相 3-phase 220	50	1.38	837	8370	670	6700	1350	24/250
A5RK90GU-SF A5RK90A-SF	—			60	1.5	692	6920	554	5540	1550	24/250
A5IK120GU-CF A5IK120A-CF	感應 Induction	120	單相 1-phase 220	50	0.32	837	8370	670	6700	1350	—
A5RK120GU-CF A5RK120A-CF	可逆 Reversible			60	0.3	692	6920	554	5540	1500	—
A5IK120GU-AF A5IK120A-AF	感應 Induction			50	0.55	837	8370	670	6700	1350	—
A5RK120GU-AF A5RK120A-AF	可逆 Reversible			60	0.48	692	6920	554	5540	1500	—
A5IK120GU-UF A5IK120A-UF	—	120	三相 3-phase 380	50	0.85	1137	11370	910	9100	1350	6/450
A5RK120GU-UF A5RK120A-UF	—			60	0.82	955	9550	764	7640	1500	6/450
A5IK120GU-SF A5IK120A-SF	—	120	單相 1-phase 110	50	0.95	1137	11370	910	9100	1350	8/450
A5RK120GU-SF A5RK120A-SF	—			60	1.0	955	9550	764	7640	1500	8/450
A5IK120GU-AF A5IK120A-AF	感應 Induction	120	單相 1-phase 110	50	1.7	1137	11370	910	9100	1350	24/250
A5RK120GU-AF A5RK120A-AF	可逆 Reversible			60	1.65	955	9550	764	7640	1500	24/250
A5IK120GU-UF A5IK120A-UF	—			50	1.9	1137	11370	910	9100	1350	30/250
A5RK120GU-UF A5RK120A-UF	—			60	2.1	955	9550	764	7640	1500	30/250
A5IK120GU-SF A5IK120A-SF	—	120	三相 3-phase 380	50	0.34	1137	11370	910	9100	1350	—
A5RK120GU-SF A5RK120A-SF	—			60	0.31	955	9550	764	7640	1500	—
A5IK120GU-SF A5IK120A-SF	—	120	三相 3-phase 220	50	0.59	1137	11370	910	9100	1350	—
A5RK120GU-SF A5RK120A-SF	—			60	0.54	955	9550	764	7640	1500	—

● 上表參數是指電機單體，不附加任何負荷裝置。  
● 電機額定轉速、額定電流允許在±5%範圍內變動。

● Parameters in above table refer to motor alone, without any load device.  
● Permissible change in rated speed and rated current of the motor is within the range of ±5%.

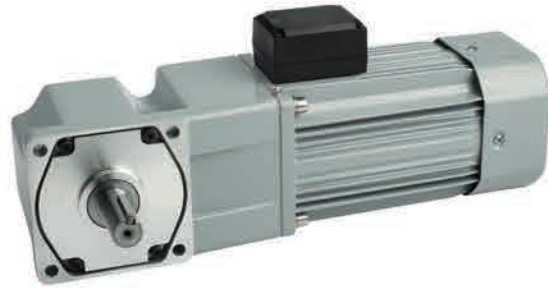
減速電機允許負載

Allowable load for the gear motor

減速參數 Geared-down parameter	同步轉速 r/m Synchronous speed	減速比 i ratio																							
		500	300	250	200	150	120	100	75	60	50	45	37.5	30	25	20	15	12.5	10	8	7.5	6	5	3	
最大允許負載 Max allowable load	90W	kg.cm	15.7	26.5	31.5	39.4	52.5	65.7	71	94.6	118	141	170	189											200
	N.m	1.54	2.6	3.1	3.86	5.15	6.44	6.96	9.28	11.6	13.9	16.7	18.5											19.6	
120W	kg.cm	21.5	36	42	54	70	87.5	98	126	148	189											200			
	N.m	2.11	3.52	4.13	5.28	6.88	8.59	9.6	12.4	14.5	18.5											19.6			

- 轉速是以電動機的同步轉速為基準除以減速比而算出的數值。實際轉速將隨負載大小變化而比所示數值減少2-15%左右。
- 希望以大于上表的減速比進一步減速時，可在電動機與減速機之間安裝減速比為10的中間減速機。
- 當負載扭矩超過減速電機最大允許負載扭矩，并有堵轉情況存在時，請在減速箱輸出軸和負載連接處加裝扭矩限制裝置，確保齒輪減速箱正常運行。
- The speed is based on the synchronous motor speed reduction ratio as a benchmark calculated by dividing the value of. Actual speed will vary the size of the load changes in less than the values shown in 2-15%.
- Hope to the table of the reduction ratio is greater than the further reduction, it would be installed between the motor and the reducer reduction ratio of 10 the middle of the reducer.
- When the load torque exceeds the maximum allowable load torque gear motor, and a locked rotor situation exists, please slow down box at the junction of the output shaft and load torque limit device installed to ensure the normal operation gearbox.

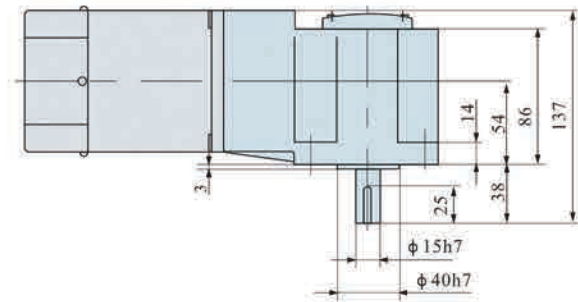
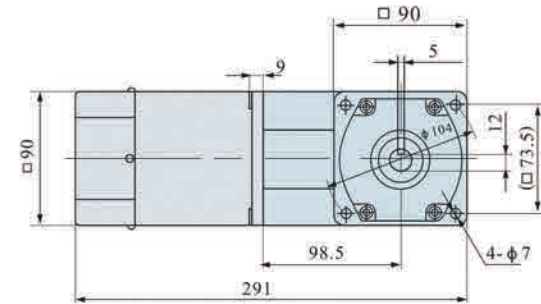
**直角中實減速箱**  
Right angle solid-shaft reduction gear box



型号:5GU □RT-K Model:5GU □RT-K

**90型 CAD 尺寸**  
Model 90 CAD size

組合：定速電機+直角中實減速箱  
質量：5.9kg  
Combination: fixed speed motor + right angle solid reduction gear box  
Mass: 5.9kg



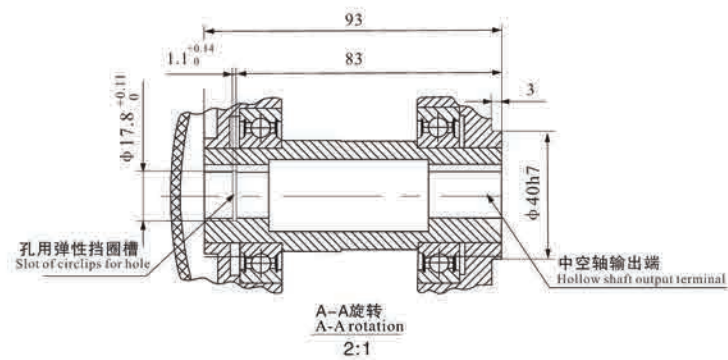
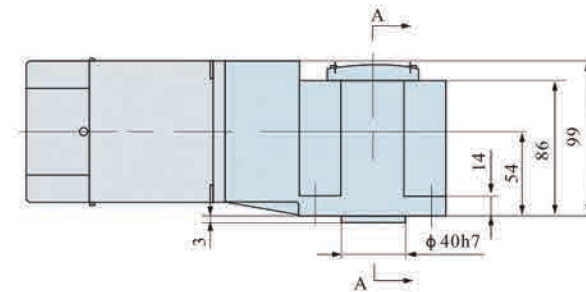
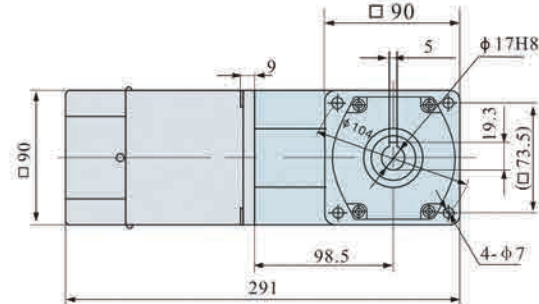
**直角中空減速箱**  
Right angle hollow-shaft reduction gear box



型号:5GU □RC-K Model:5GU □RC-K

**90型 CAD 尺寸**  
Model 90 CAD size

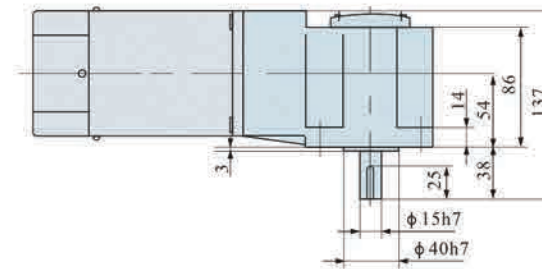
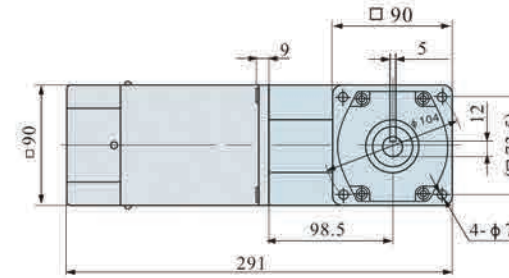
組合：定速電機+直角中空減速箱  
質量：5.8kg  
Combination: fixed speed motor + right angle hollow reduction gear box  
Mass: 5.8kg



**90型 CAD 尺寸**  
Model 90 CAD size

組合：調速電機+直角中實減速箱  
質量：6kg

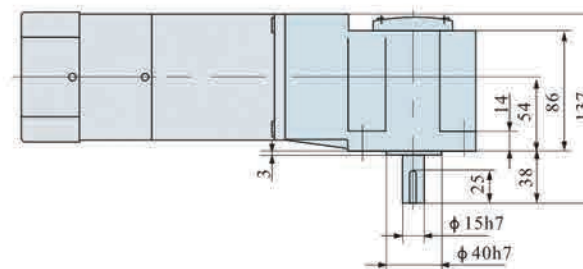
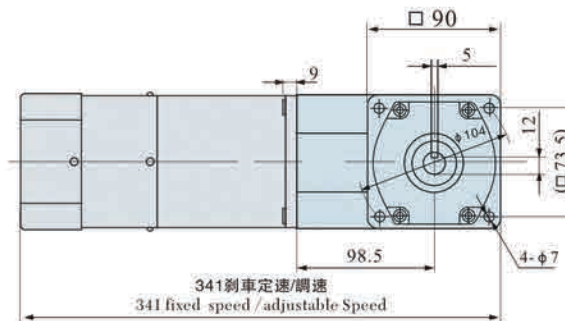
Combination: adjustable speed motor + right angle solid reduction gear box  
Mass: 6kg



**90型 CAD 尺寸**  
Model 90 CAD size

組合：剎車定速/調速電機+直角中實減速箱  
質量：6.6kg

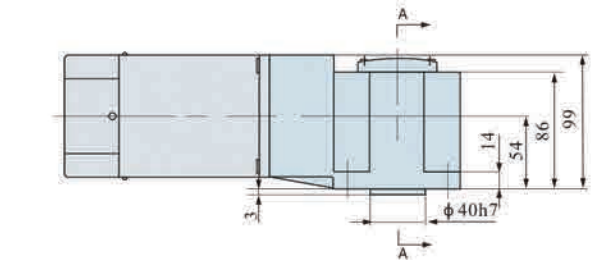
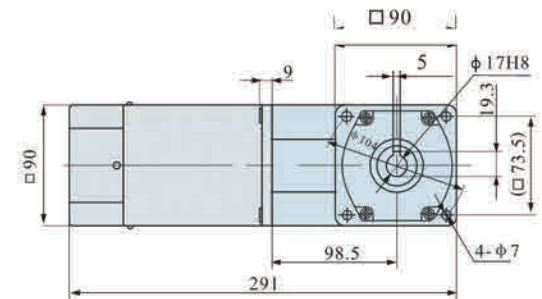
Combination: fixed speed / adjustable speed brake motor + right angle solid deceleration gear box  
Mass: 6.6 kg



**90型 CAD 尺寸**  
Model 90 CAD size

組合：調速電機+直角中空減速箱  
質量：5.9kg

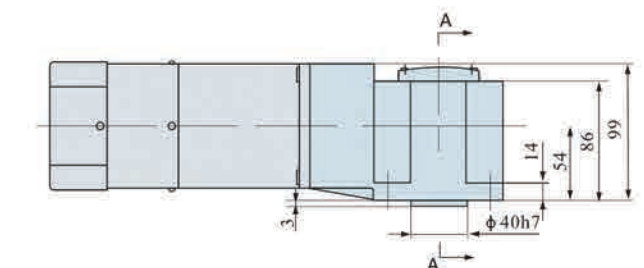
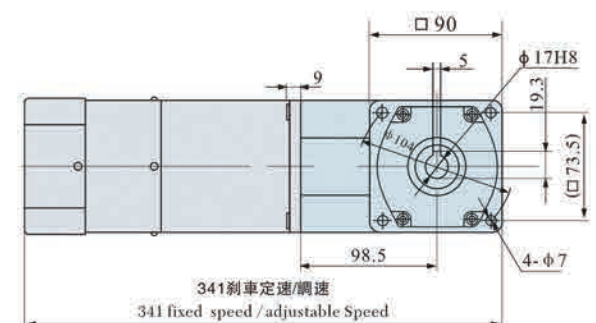
Combination: adjustable speed motor + right angle hollow deceleration gear box  
Mass: 5.9kg



**90型 CAD 尺寸**  
Model 90 CAD size

組合：剎車定速/調速電機+直角中空減速箱  
質量：6.5kg

Combination: fixed speed / adjustable speed brake motor + right angle hollow deceleration gear box  
Mass: 6.5kg



# 120/140W

□100mm

## 電機特性

List of motor characteristics



電機型號 Motor model	規格 Specs	輸出功率 Output Power W	電源電壓 Voltage V	頻率 Frequency Hz	電流 Current A	起動扭矩 Starting Torque		額定扭矩 Rated Torque		額定轉速 Rated Revolution r/min	電容量/耐壓 Capacity/Ve μF/VAC
						mN.m	gf.cm	mN.m	gf.cm		
A6IK120GU-CF A6IK120A-CF	感應 Induction	120	單相 1-phase 220	50	1.0	1100	11000	880	8800	1350	6/450
A6RK120GU-CF A6RK120A-CF	可逆 Reversible			60	1.0	925	9250	740	7400	1550	6/450
A6IK120GU-AF A6IK120A-AF	感應 Induction	120	單相 1-phase 110	50	1.2	1575	15750	1260	12600	1350	8/450
A6RK120GU-AF A6RK120A-AF	可逆 Reversible			60	1.4	1225	12250	980	9800	1550	8/450
A6IK120GU-UF A6IK120A-UF	—	120	三相 3-phase 380	50	0.46	1100	11000	880	8800	1350	—
A6RK120GU-SF A6RK120A-SF	—			60	0.42	925	9250	740	7400	1550	—
A6IK140GU-CF A6IK140A-CF	感應 Induction	140	單相 1-phase 220	50	1.23	1285	12850	1028	10280	1350	8/450
A6RK140GU-CF A6RK140A-CF	可逆 Reversible			60	1.12	1078	10780	863	8630	1550	8/450
A6IK140GU-AF A6IK140A-AF	感應 Induction	140	單相 1-phase 110	50	1.3	1285	12850	1028	10280	1350	10/450
A6RK140GU-AF A6RK140A-AF	可逆 Reversible			60	1.43	1078	10780	863	8630	1550	10/450
A6IK140GU-UF A6IK140A-UF	—	140	三相 3-phase 380	50	2.05	1285	12850	1028	10280	1350	32/250
A6RK140GU-SF A6RK140A-SF	—			60	1.9	1078	10780	863	8630	1550	30/250
A6IK140GU-SF A6IK140A-SF	—	140	三相 3-phase 220	50	2.2	1285	12850	1028	10280	1350	40/250
A6RK140GU-SF A6RK140A-SF	—			60	0.73	925	9250	740	7400	1550	—
A6IK140GU-SF A6IK140A-SF	—	140	三相 3-phase 220	50	0.55	1285	12850	1028	10280	1350	—
A6RK140GU-SF A6RK140A-SF	—			60	0.46	1078	10780	863	8630	1550	—
A6IK140GU-SF A6IK140A-SF	—	140	三相 3-phase 220	50	0.88	1285	12850	1028	10280	1350	—
A6RK140GU-SF A6RK140A-SF	—			60	0.80	1078	10780	863	8630	1550	—

- 上表參數是指電機單獨，不附加任何負荷裝置。
- 電機額定轉速、額定電流允許在±5%範圍內變動。

- Parameters in above table refer to motor alone, without any load device.
- Permissible change in rated speed and rated current of the motor is within the range of ±5%.

## 減速電機允許負載

Allowable load for the gear motor

減速參數 Geared-down parameter	同步轉速r/m Synchronous speed	減速比 ratio																							
		500	300	200	150	120	100	83	75	60	50	41	37	30	25	20	15	12	10	8	7	6	5	3	
最大允許負載 Max allowable load	120W	kg.cm 21.5	36	54	69.8	85	103	125	139	172	209	226	251											315	31
	140W	kg.cm 25.1	42	63	73.5	99.2	120	132	147	200.7	221	238	265											330	32.5

- 轉速是以電動機的同步轉速為基準除以減速比而算出的數值。實際轉速將隨負載大小變化而比所示數值減少2~15%左右。
- 希望以大于上表的減速比進一步減速時，可在電動機與減速機之間安裝減速比為10的中間減速機。
- 當負載扭矩超過減速電機最大允許負載扭矩，并有堵轉情況存在時，請在減速箱輸出軸和負載連接處加裝扭矩限制裝置，確保齒輪減速箱正常運行。
- The speed is based on the synchronous motor speed reduction ratio as a benchmark calculated by dividing the value of. Actual speed will vary the size of the load changes in less than the values shown in 2~15%.
- Hope to the table of the reduction ratio is greater than the further reduction, it would be installed between the motor and the reducer reduction ratio of 10 the middle of the reducer.
- When the load torque exceeds the maximum allowable load torque gear motor, and a locked rotor situation exists, please slow down box at the junction of the output shaft and load torque limit device installed to ensure the normal operation gearbox.

# 160/180W

□100mm

## 電機特性

List of motor characteristics



電機型號 Motor model	規格 Specs	輸出功率 Output Power W	電源電壓 Voltage V	頻率 Frequency Hz	電流 Current A	起動扭矩 Starting Torque		額定扭矩 Rated Torque		額定轉速 Rated Revolution r/min	電容量/耐壓 Capacity/Ve μF/VAC
						mN.m	gf.cm	mN.m	gf.cm		
A6IK160GU-CF A6IK160A-CF	感應 Induction	160	單相 1-phase 220	50	1.25	1575	15750	1260	12600	1350	8/450
A6RK160GU-CF A6RK160A-CF	可逆 Reversible			60	1.24	1225	12250	980	9800	1550	8/450
A6IK160GU-AF A6IK160A-AF	感應 Induction	160	單相 1-phase 110	50	1.4	1575	15750	1260	12600	1350	10/450
A6RK160GU-AF A6RK160A-AF	可逆 Reversible			60	1.46	1225	12250	980	9800	1550	10/450
A6IK160GU-UF A6IK160A-UF	—	160	三相 3-phase 380	50	2.4	1575	15750	1260	12600	1350	32/250
A6RK160GU-SF A6RK160A-SF	—			60	2.2	1225	12250	980	9800	1550	30/250
A6IK160GU-SF A6IK160A-SF	—	160	三相 3-phase 220	50	2.6	1575	15750	1260	12600	1350	40/250
A6RK160GU-SF A6RK160A-SF	—			60	2.8	1225	12250	980	9800	1550	36/250
A6IK180GU-CF A6IK180A-CF	感應 Induction	180	單相 1-phase 220	50	0.55	1468	14680	1175	11750	1350	—
A6RK180GU-CF A6RK180A-CF	可逆 Reversible			60	0.50	1232	12320	986	9860	1550	—
A6IK180GU-AF A6IK180A-AF	感應 Induction	180	單相 1-phase 110	50	0.95	1468	14680	1175	11750	1350	—
A6RK180GU-AF A6RK180A-AF	可逆 Reversible			60	0.86	1232	12320	986	9860	1550	—
A6IK180GU-UF A6IK180A-UF	—	180	三相 3-phase 380	50	1.50	1837	18370	1470	14700	1350	10/450
A6RK180GU-SF A6RK180A-SF	—			60	1.46	1540	15400	1232	12320	1550	10/450
A6IK180GU-SF A6IK180A-SF	—	180	三相 3-phase 220	50	1.50	1837	18370	1470	14700	1350	12/450
A6RK180GU-SF A6RK180A-SF	—			60	1.46	1540	15400	1232	12320	1550	12/450
A6IK180GU-SF A6IK180A-SF	—	180	單相 1-phase 110	50	2.8	1837	18370	1470	14700	1350	40/250
A6RK180GU-SF A6RK180A-SF	—			60	2.6	1540	15400	1232	12320	1550	40/250
A6IK180GU-SF A6IK180A-SF	—	180	三相 3-phase 380	50	2.8	1837	18370	1470	14700	1350	48/250
A6RK180GU-SF A6RK180A-SF	—			60	2.6	1540	15400	1232	12320	1550	48/250
A6IK180GU-SF A6IK180A-SF	—	180	三相 3-phase 220	50	0.80	1825	18250	1460	14600	1350	—
A6RK180GU-SF A6RK180A-SF	—			60	0.75	1475	14750	1180	11800	1550	—
A6IK180GU-SF A6IK180A-SF	—	180	三相 3-phase 220	50	1.05	1825	18250	1460	14600	1350	—
A6RK180GU-SF A6RK180A-SF	—			60	1.0	1475	14750	1180	11800	1550	—

- 上表參數是指電機單獨，不附加任何負荷裝置。
- 電機額定轉速、額定電流允許在±5%範圍內變動。

- Parameters in above table refer to motor alone, without any load device.
- Permissible change in rated speed and rated current of the motor is within the range of ±5%.

## 減速電機允許負載

Allowable load for the gear motor

減速參數 Geared-down parameter	同步轉速r/m Synchronous speed	減速比 ratio																								
		500	300	200	150	120	100	83	75	60	50	41	37	30	25	20	15	12	10	8	7	6	5	3		
最大允許負載 Max allowable load	160W	kg.cm 28.7	48	72	87	113.3	137.3	157	174	229	261	285	317	396											440	43
	180W	kg.cm 32.3	54	81	94.7	127.5	154.5	170	189	237	284	310	344	430											440	43

- 轉速是以電動機的同步轉速為基準除以減速比而算出的數值。實際轉速將隨負載大小變化而比所示數值減少2~15%左右。
- 希望以大于上表的減速比進一步減速時，可在電動機與減速機之間安裝減速比為10的中間減速機。
- 當負載扭矩超過減速電機最大允許負載扭矩，并有堵轉情況存在時，請在減速箱輸出軸和負載連接處加裝扭矩限制裝置，確保齒輪減速箱正常運行。
- The speed is based on the synchronous motor speed reduction ratio as a benchmark calculated by dividing the value of. Actual speed will vary the size of the load changes in less than the values shown in 2~15%.
- Hope to the table of the reduction ratio is greater than the further reduction, it would be installed between the motor and the reducer reduction ratio of 10 the middle of the reducer.
- When the load torque exceeds the maximum allowable load torque gear motor, and a locked rotor situation exists, please slow down box at the junction of the output shaft and load torque limit device installed to ensure the normal operation gearbox.

# 200/250W

□100mm



## 電機特性

### List of motor characteristics

電機型號 Motor model	規格 Specs	輸出功率 Output Power W	電源電壓 Voltage V	頻率 Frequency Hz	電流 Current A	起動扭矩 Starting Torque		額定扭矩 Rated Torque		額定轉速 Rated Revolution r/min	電容量/耐壓 Capacity/Ve μF/VAC
						mN.m	gf.cm	mN.m	gf.cm		
A 6IK200GU-CF A 6IK200A-CF	感應 Induction	200	單相 1-phase 220	50	1.55	1485	14850	1414	14140	1350	8/450
60				1.5	1294	12940	1232	12320	1550	8/450	
A 6RK200GU-CF A 6RK200A-CF	可逆 Reversible	200	單相 1-phase 220	50	1.55	1485	14850	1414	14140	1350	10/450
60				1.5	1294	12940	1232	12320	1550	10/450	
A 6IK200GU-AF A 6IK200A-AF	感應 Induction	200	單相 1-phase 110	50	3.0	1485	14850	1414	14140	1350	32/250
60				2.8	1294	12940	1232	12320	1550	30/250	
A 6RK200GU-AF A 6RK200A-AF	可逆 Reversible	200	單相 1-phase 110	50	3.0	1485	14850	1414	14140	1350	40/250
60				2.8	1294	12940	1232	12320	1550	36/250	
A 6IK200GU-UF A 6IK200A-UF	—	200	三相 3-phase 380	50	0.9	1600	16000	1450	14500	1350	—
60				0.87	1386	13860	1260	12600	1550	—	
A 6RK200GU-SF A 6RK200A-SF	—	200	三相 3-phase 220	50	1.15	1600	16000	1450	14500	1350	—
60				1.1	1386	13860	1260	12600	1550	—	
A 6IK250GU-CF A 6IK250A-CF	感應 Induction	250	單相 1-phase 220	50	1.6	2020	20200	1837	18370	1350	10/450
60				1.55	1700	17000	1540	15400	1550	10/450	
A 6RK250GU-CF A 6RK250A-CF	可逆 Reversible	250	單相 1-phase 220	50	1.6	2020	20200	1837	18370	1350	12/450
60				1.55	1700	17000	1540	15400	1550	12/450	
A 6IK250GU-AF A 6IK250A-AF	感應 Induction	250	單相 1-phase 110	50	3.2	2020	20200	1837	18370	1350	40/250
60				3.0	1700	17000	1540	15400	1550	40/250	
A 6RK250GU-AF A 6RK250A-AF	可逆 Reversible	250	單相 1-phase 110	50	3.3	2020	20200	1837	18370	1350	48/250
60				3.2	1700	17000	1540	15400	1550	48/250	
A 6RK250GU-UF A 6RK250A-UF	—	250	三相 3-phase 380	50	1.3	2022	20220	1840	18400	1350	—
60				1.2	1760	17600	1600	16000	1550	—	
A 6RK250GU-SF A 6RK250A-SF	—	250	三相 3-phase 220	50	1.21	2022	20220	1840	18400	1350	—
60				1.15	1760	17600	1600	16000	1550	—	

- 上表參數是指電機單體，不附加任何負荷裝置。
- 電機額定轉速、額定電流允許在±5%範圍內變動。
- Parameters in above table refer to motor alone, without any load device.
- Permissible change in rated speed and rated current of the motor is within the range of ±5%.

## 減速電機允許負載

### Allowable load for the gear motor

減速參數 Geared-down parameter	同步轉速r/m Synchronous speed	500 300 200 150 120 100 85 75 60 50 40 37 30 25 20 15 12 10 8 7 6																			
		減速比i ratio																			
最大允許負載 Max allowable load	200W	kg.cm 3.86	66 6.44	89.8 8.8	119 11.7	149 14.5	180 17.6	214 21.0	239 23.4	299 29.3	358 35.1	392 38.4	435 42.6								440 43
	250W	kg.cm 4.83	82.1 8.1	112 11	149 14.6	186 18.3	224 22	268 26.4	298 29.3	375 36.6	438 43								440 43		

- 轉速是以電動機的同步轉速為基準除以減速比而算出的數值。實際轉速將隨負載大小變化而比所示數值減少2~15%左右。
- 希望以大于上表的減速比進一步減速時，可在電動機與減速機之間安裝減速比為10的中間減速機。
- 當負載扭矩超過減速電機最大允許負載扭矩，并有堵轉情況存在時，請在減速箱輸出軸和負載連接處加裝扭矩限制裝置，確保齒輪減速箱正常運行。
- The speed is based on the synchronous motor speed reduction ratio as a benchmark calculated by dividing the value of. Actual speed will vary the size of the load changes in less than the values shown in 2~15%.
- Hope to the table of the reduction ratio is greater than the further reduction, it would be installed between the motor and the reducer reduction ratio of 10 the middle of the reducer.
- When the load torque exceeds the maximum allowable load torque gear motor, and a locked rotor situation exists, please slow down box at the junction of the output shaft and load torque limit device installed to ensure the normal operation gearbox.

# 370W

□100mm



## 電機特性

### List of motor characteristics

電機型號 Motor model	規格 Specs	輸出功率 Output Power W	電源電壓 Voltage V	頻率 Frequency Hz	電流 Current A	起動扭矩 Starting Torque		額定扭矩 Rated Torque		額定轉速 Rated Revolution r/min	電容量/耐壓 Capacity/Ve μF/VAC
						mN.m	gf.cm	mN.m	gf.cm		
A 6IK370GU-CF A 6IK370A-CF	感應 Induction	370	單相 1-phase 220	50	2.3	2944	29440	2560	25660	1350	15/450
60				2.1	2622	26220	2280	22880	1550	15/450	
A 6RK370GU-CF A 6RK370A-CF	可逆 Reversible	370	單相 1-phase 220	50	2.3	2944	29440	2560	25660	1350	15/450
60				2.1	2622	26220	2280	22880	1550	15/450	
A 6IK370GU-AF A 6IK370A-AF	感應 Induction	370	單相 1-phase 110	50	3.0	2944	29440	2560	25660	1350	32/250
60				2.8	2622	26220	2280	22880	1550	30/250	
A 6RK370GU-AF A 6RK370A-AF	可逆 Reversible	370	單相 1-phase 110	50	3.0	2944	29440	2560	25660	1350	40/250
60				2.8	2622	26220	2280	22880	1550	36/250	
A 6IK370GU-UF A 6IK370A-UF	—	370	三相 3-phase 380	50	1.4	3018	30180	2624	26240	1350	—
60				1.2	2680	26800	2330	23300	1550	—	
A 6RK370GU-SF A 6RK370A-SF	—	370	三相 3-phase 220	50	2.5	3018	30180	2624	26240	1350	—
60				2.0	2680	26800	2330	23300	1550	—	

- 上表參數是指電機單體，不附加任何負荷裝置。
- 電機額定轉速、額定電流允許在±5%範圍內變動。
- Parameters in above table refer to motor alone, without any load device.
- Permissible change in rated speed and rated current of the motor is within the range of ±5%.

## 減速電機允許負載

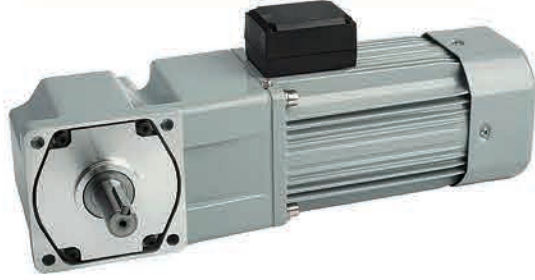
### Allowable load for the gear motor

減速參數 Geared-down parameter	同步轉速r/m Synchronous speed	500 300 200 150 120 100 85 75 60 50 40 37 30 25 20 15 12 10 8 7 6																		
		減速比i ratio																		
最大允許負載 Max allowable load	370W	kg.cm 6.22	106 10.4	142 14.0	190 18.6	238 23.3	285 28	342 33.6	381 37.3								440 43			

- 轉速是以電動機的同步轉速為基準除以減速比而算出的數值。實際轉速將隨負載大小變化而比所示數值減少2~15%左右。
- 希望以大于上表的減速比進一步減速時，可在電動機與減速機之間安裝減速比為10的中間減速機。
- 當負載扭矩超過減速電機最大允許負載扭矩，并有堵轉情況存在時，請在減速箱輸出軸和負載連接處加裝扭矩限制裝置，確保齒輪減速箱正常運行。
- The speed is based on the synchronous motor speed reduction ratio as a benchmark calculated by dividing the value of. Actual speed will vary the size of the load changes in less than the values shown in 2~15%.
- Hope to the table of the reduction ratio is greater than the further reduction, it would be installed between the motor and the reducer reduction ratio of 10 the middle of the reducer.
- When the load torque exceeds the maximum allowable load torque gear motor, and a locked rotor situation exists, please slow down box at the junction of the output shaft and load torque limit device installed to ensure the normal operation gearbox.

**直角中实减速箱**

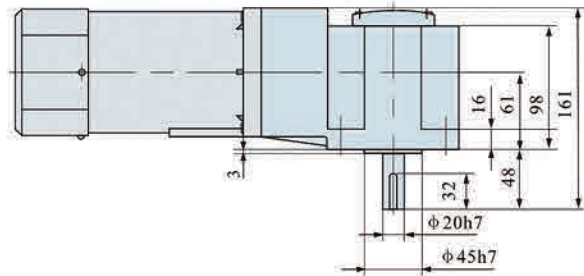
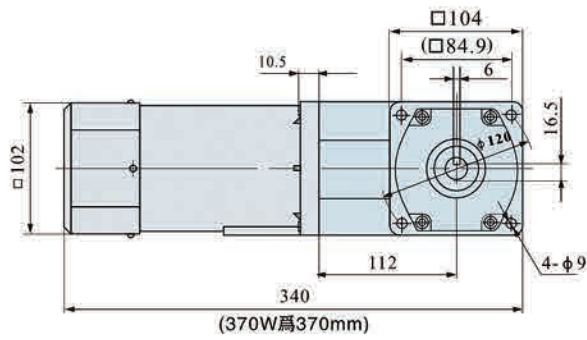
Right angle solid-shaft reduction gear box



型号:6GU □RT-K Model:6GU □RT-K

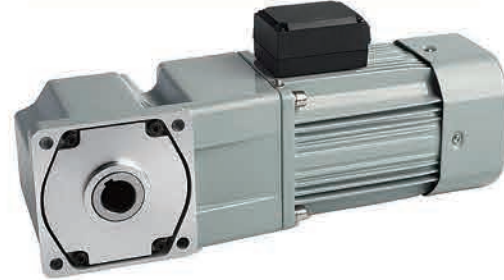
**100型 CAD 尺寸**  
Model 100 CAD size

組合: 定速电机+直角中实减速箱  
質量: 8.8kg  
Combination: fixed speed motor + right angle solid reduction gear box  
Mass: 8.8kg



**直角中空减速箱**

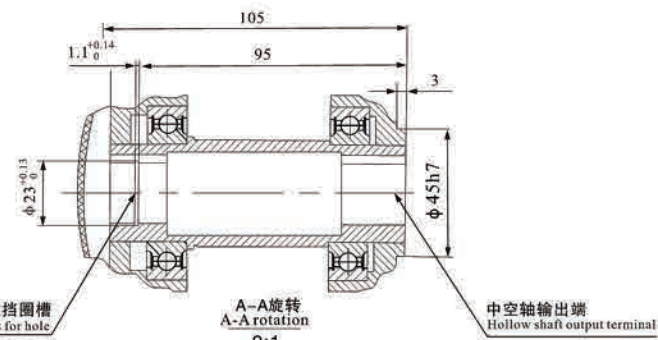
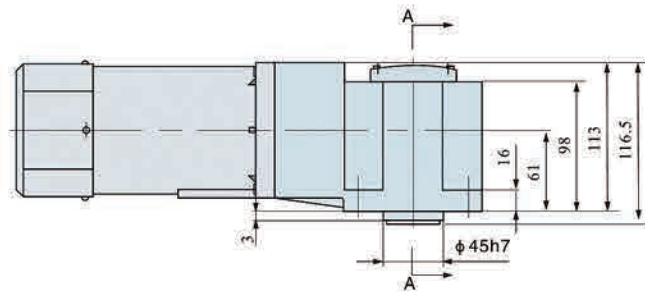
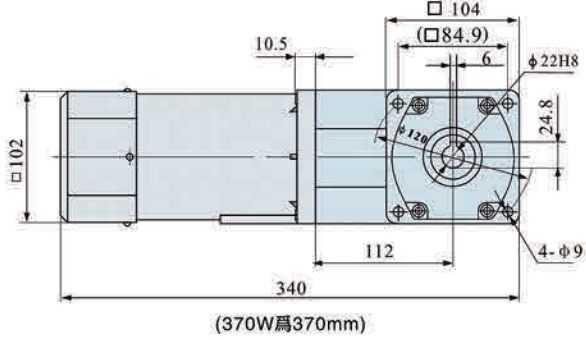
Right angle hollow-shaft reduction gear box



型号:6GU □RC-K Model:6GU □RC-K

**100型 CAD 尺寸**  
Model 100 CAD size

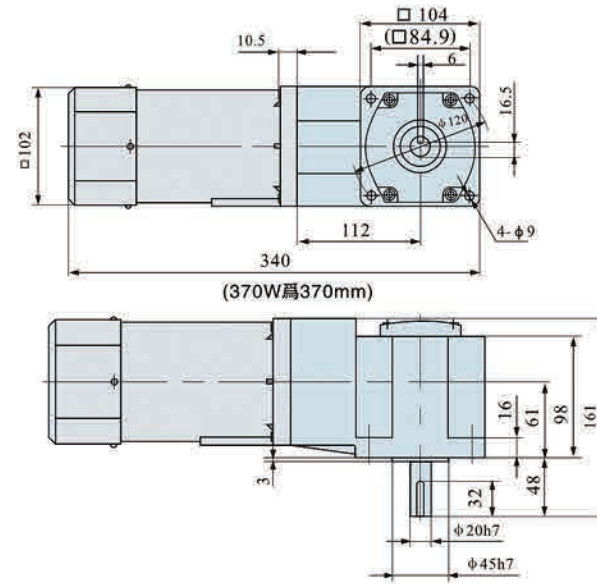
組合: 定速电机+直角中空减速箱  
質量: 8.7kg  
Combination: fixed speed motor + right angle hollow reduction gear box  
Mass: 8.7kg



**100型 CAD 尺寸**  
Model 100 CAD size

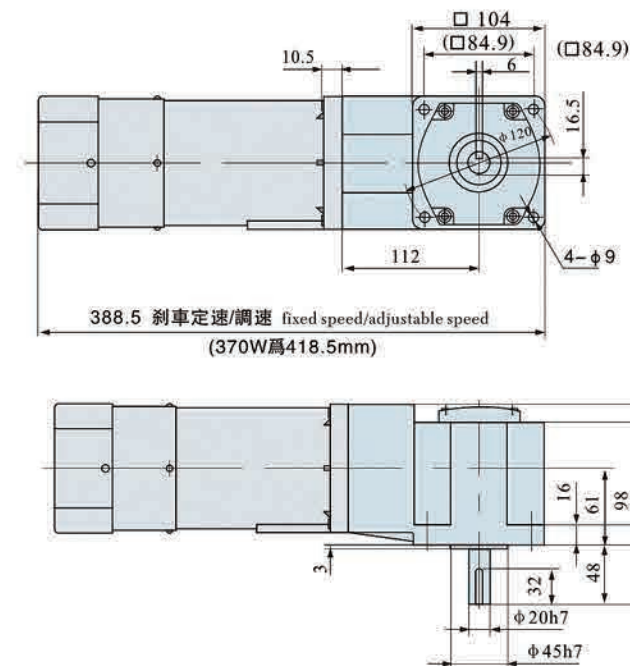
組合: 调速电机+直角中实减速箱  
質量: 8.9kg

Combination: adjustable speed motor + right angle solid reduction gear box  
Mass: 8.9kg



**100型 CAD 尺寸**  
Model 100 CAD size

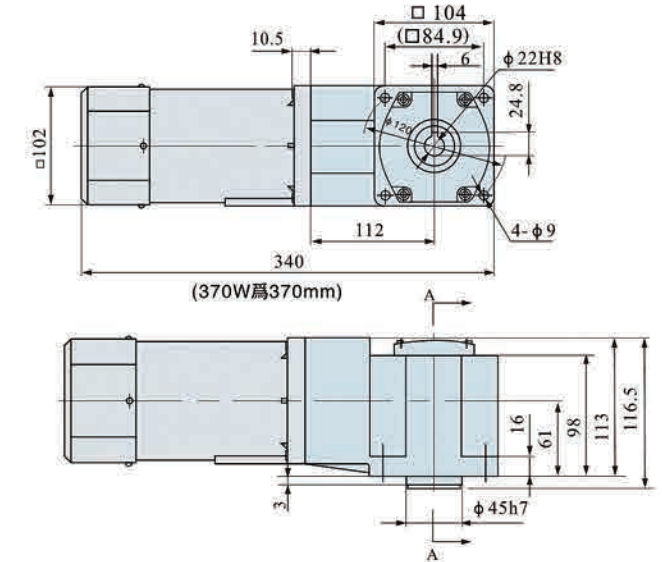
組合: 刹车定速/调速电机+直角中实减速箱  
質量: 9.5kg  
Combination: fixed speed / adjustable speed brake motor + right angle solid deceleration gear box  
Mass: 9.5 kg



**100型 CAD 尺寸**  
Model 100 CAD size

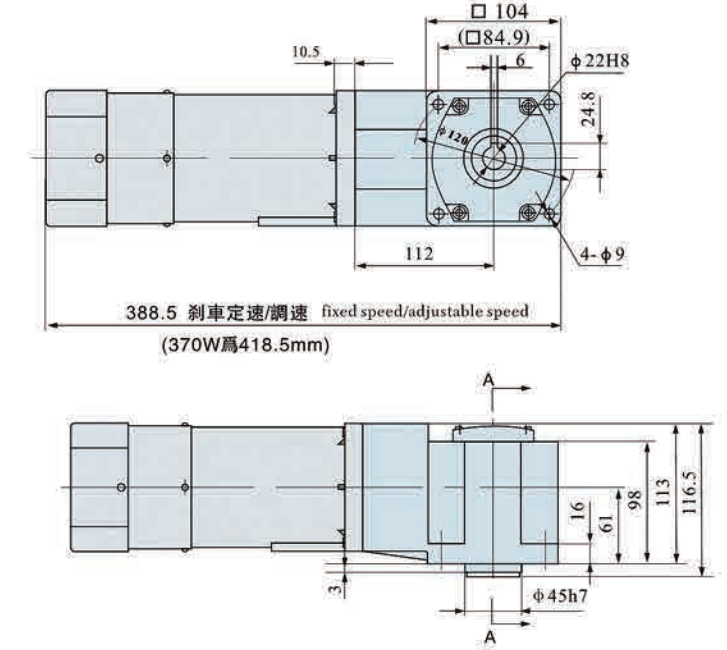
組合: 调速电机+直角中空减速箱  
質量: 8.8kg

Combination: adjustable speed motor + right angle hollow deceleration gear box  
Mass: 8.8kg

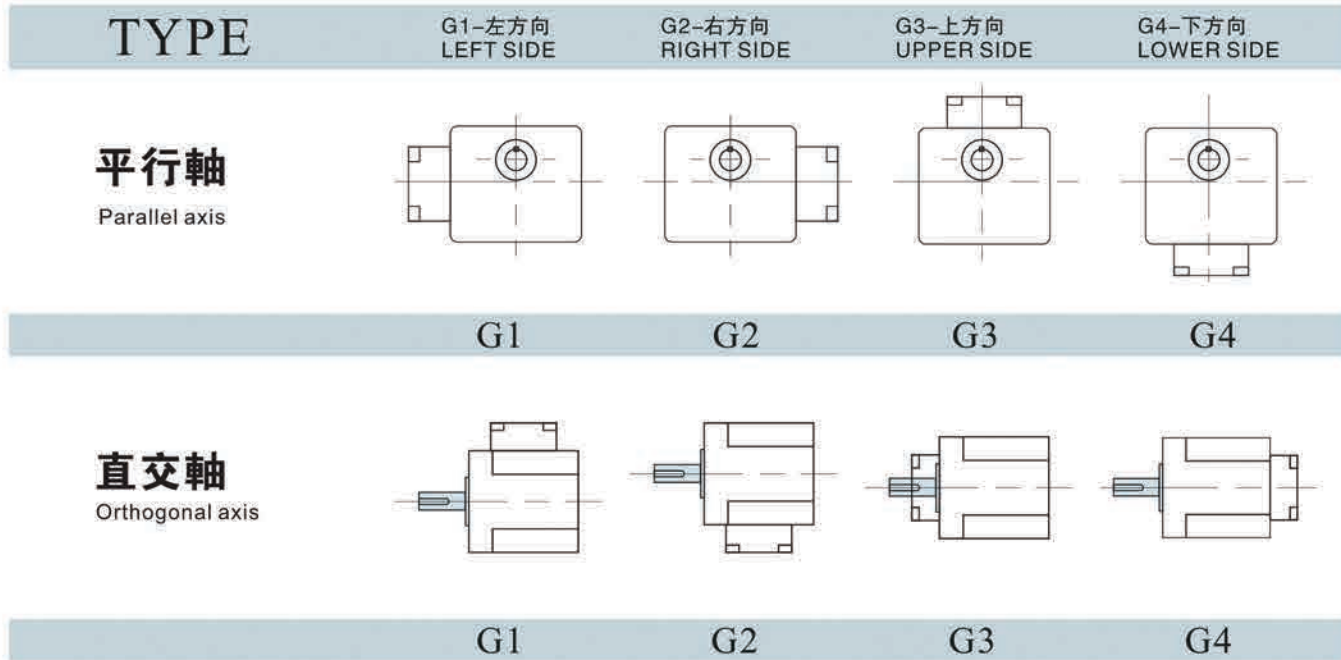


**100型 CAD 尺寸**  
Model 100 CAD size

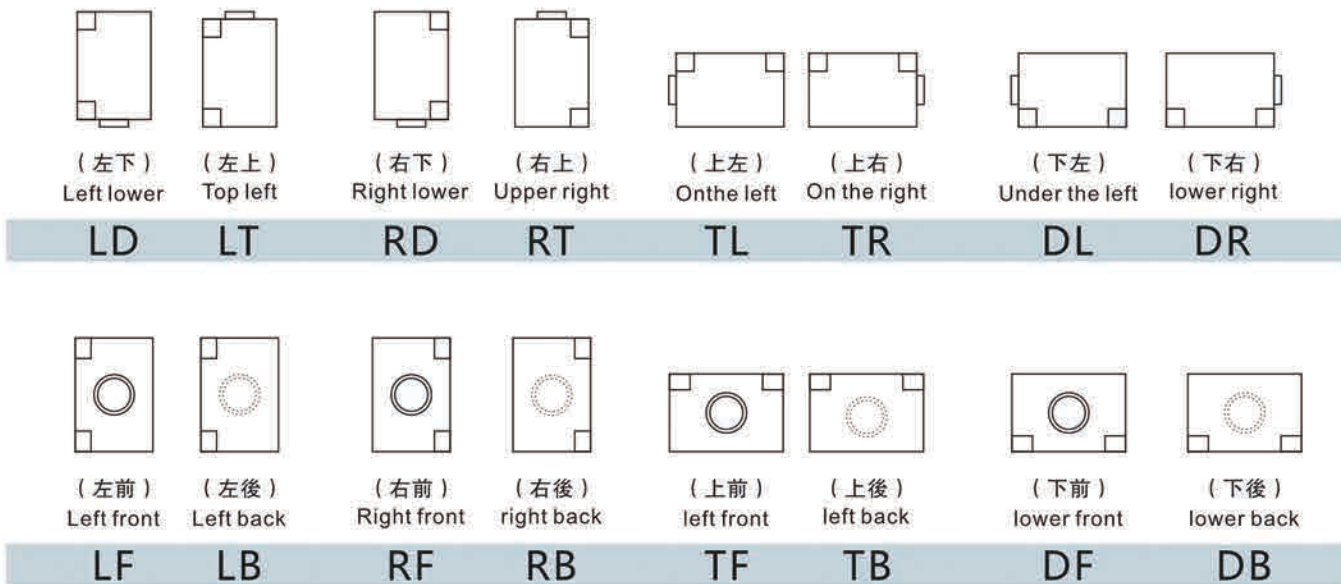
組合: 刹车定速/调速电机+直角中空减速箱  
質量: 9.4kg  
Combination: fixed speed / adjustable speed brake motor + right angle hollow deceleration gear box  
Mass: 9.4kg



微特馬達配線盒方向選定  
Micro motor wiring box direction selected



入線口方向  
Wire inlet direction



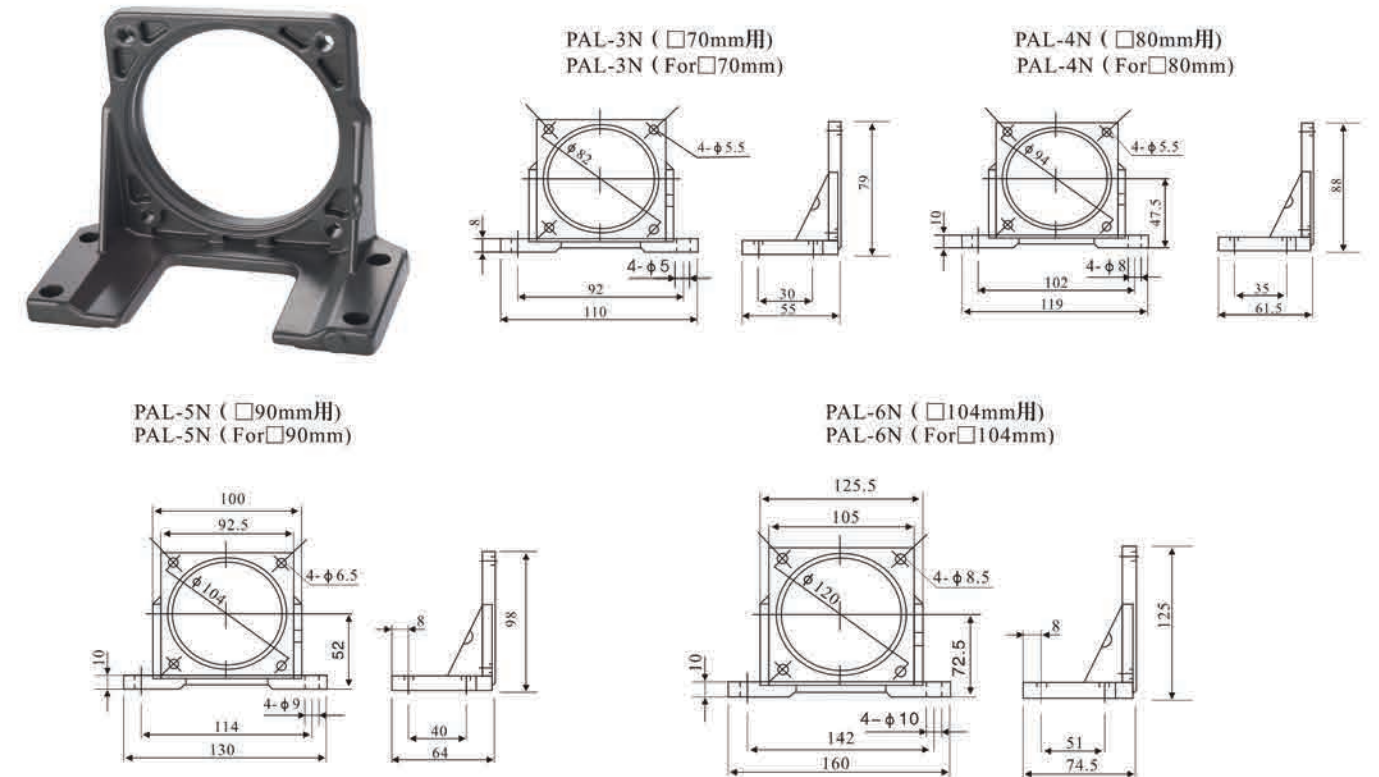
二極電機  
Two-pole motor

電機性能參數 Motor performance parameter

機種 Kinds	出力 Output Force (W)	電壓 Voltage (V)	頻率 Frequency (Hz)	極數 Poles (P)	額定轉速 Rated Revolution (rpm)	起動轉矩 Starting Torque (Kg.cm)	額定轉矩 Rated Torque (Kg.cm)	額定電流 Rated Current (A)	電容量 Electric Capacity (μF)	額定時間 Rated Time
A41K25A-D	25	1 φ 220	50	2	2800	1.1	0.85	0.25	2.5/450	連續 Continuous
A51K40A-D	40	1 φ 220	50	2	2800	1.5	1.39	0.28	3.0/450	連續 Continuous
A51K60A-DF	60	1 φ 220	50	2	2800	1.9	2.1	0.49	4.0/450	連續 Continuous
A51K90A-DF	90	1 φ 220	50	2	2800	4.2	2.95	0.94	8.0/450	連續 Continuous
A51K90A-EF	90	3 φ 220/380	50	2	2800	10.8	3.13	0.28	—	連續 Continuous
A51K120A-DF	120	1 φ 220	50	2	2800	4.0	3.13	0.82	8.0/450	連續 Continuous

特殊配件 Special accessories

馬達安裝用L型腳座 L shape foot seat installed for motor



延長線

Prolonging line

使用于速度馬達和控制器之間的延長線  
Prolonging line used between speed motor and controller

為額外銷售品  
Additional sale product

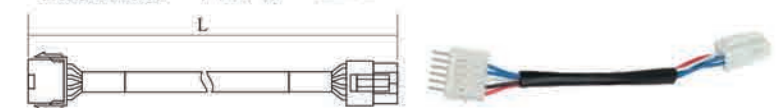
買控制器時，附有0.5m的延長線。如需要加延長時，請額外購買。  
When buying the controller, there will be prolonging line with 0.5 m. If it needs to be prolonged, please buy it additionally.

延長線的長度和產品名稱，請參照圖。  
The length of prolonging line and the name of the product, please refer to the following figure.

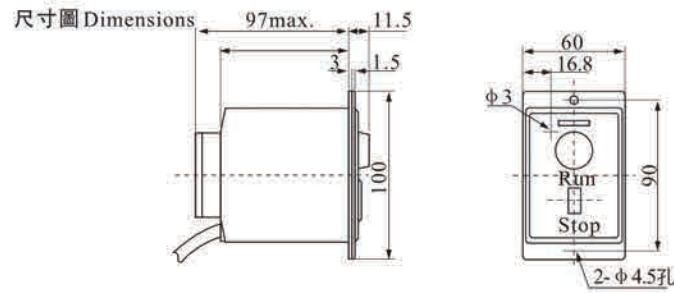
產品名稱

產品名稱 The name of the product	L (延長線長度) L (the length of the prolonging line)
MC-01	1.0m
MC-02	2.0m
MC-03	3.0m

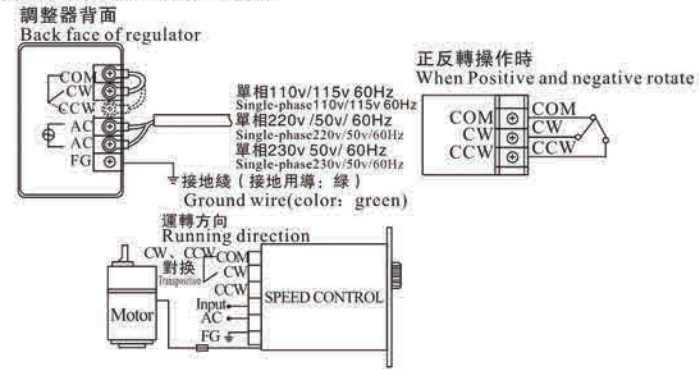
DIMENSION 單位: m Unit: m



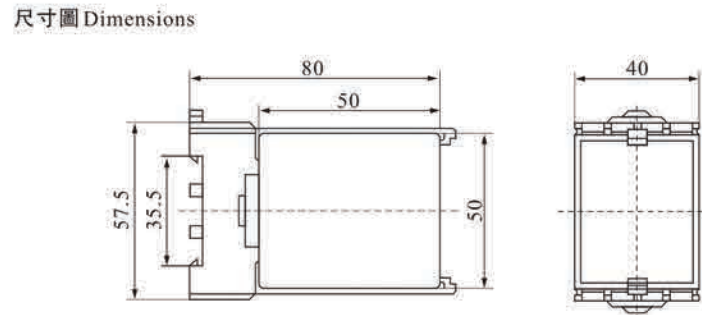
**US-52 速度控制器**  
US-52 Speed controller



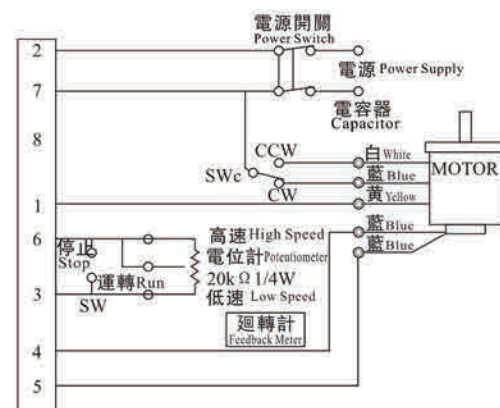
**控制器接線圖**  
Connection diagrams of the controller



**SS-22 速度控制器**  
SS-22 Speed controller



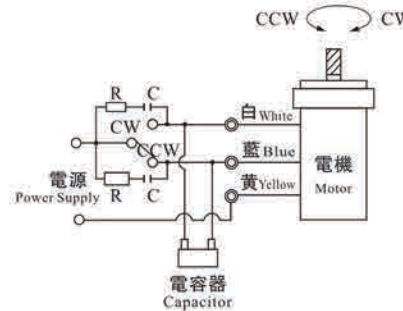
**控制器接線圖**  
Connection diagrams of the controller



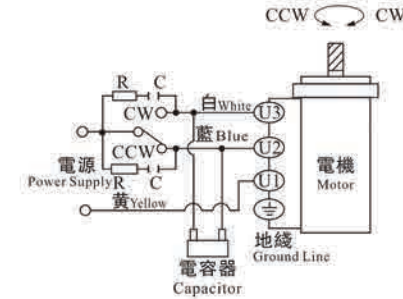
注: 以上“接線圖”僅供參考  
Note: "Connection diagrams" is for reference only.

**接線方式**  
Wiring method

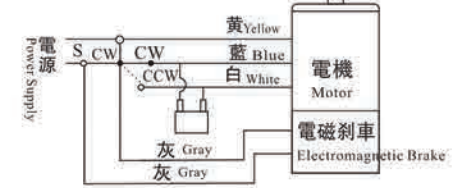
**單相電機接線圖**  
Single-phase motor wiring diagram



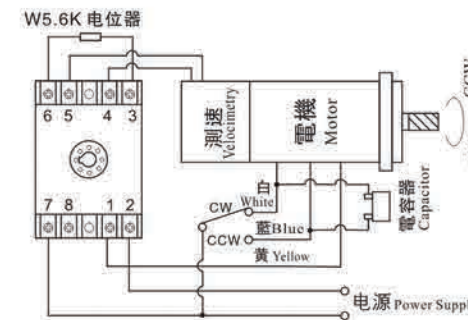
**單相配端子箱電機接線圖**  
Single-phase motor with terminal box wiring diagram



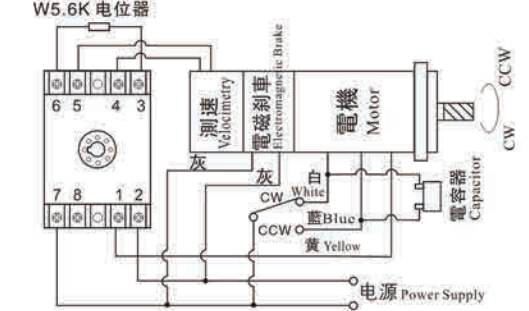
**單相制馬達接線圖**  
Single-phase brake motor wiring diagram



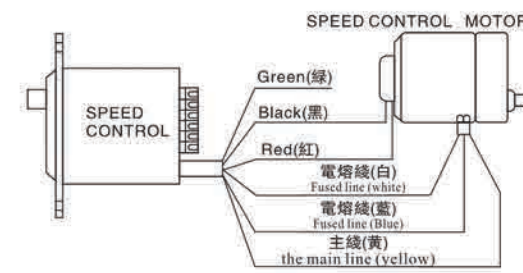
**調速電機配SS速度控制器**  
Speed regulating motor with SS speed controller



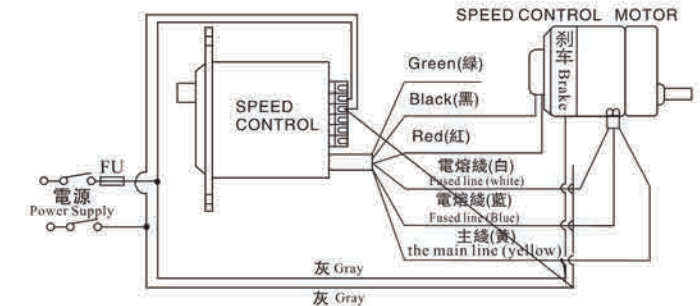
**制車帶調速電機配SS速度控制器**  
Brake band speed regulating motor with SS speed controller



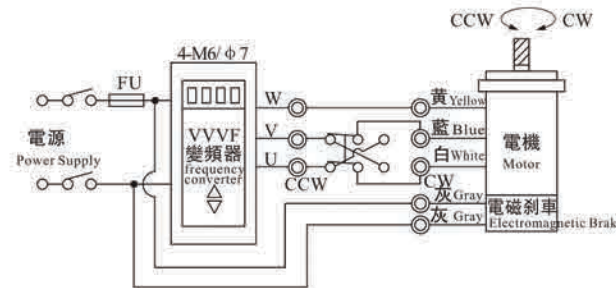
**調速電機配US速度控制器**  
Speed regulating motor with US speed controller



**制車帶調速電機配US速度控制器**  
Brake band speed regulating motor with US speed controller



**三相制馬達配變頻器**  
Three-phase brake motor with frequency converter



**三相制馬達接線圖**  
Three-phase brake motor wiring diagram



圖中R、C為阻容吸收回路，確保電機及相關控制部件可靠工作

The R and C circuit is resistance-capacitance absorption circuit, which ensures the reliable operation of the motor and relative control components.  
(R=5-330Ω C=0.1-0.22 F 250VAC(450VAC))