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WENCE 威茨

THE PRODUCT SAMPLE 产品样本

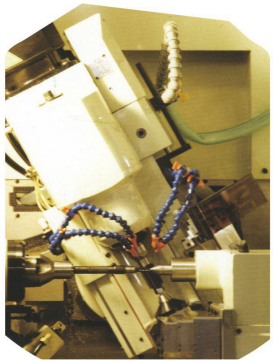
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Modern production equipment

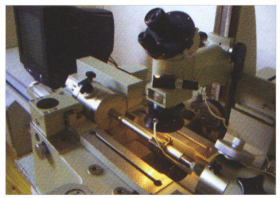
現代化的生產設備

先進的自動化生產設備，流水綫精密工序和裝配，進行一流品質，技術專家直接參與生產，保證產品的穩定性和可靠性萬無一失。與日俱增的精品意識和源源不斷的創新產品贏得了廣大客户的信任。

Peaken has advanced zutomated production equip–ment which can provide strong ensurance for the precision quality of produts,To ensure thestability and reliability of products,technical experts take part in the production.Increasing awareness of quality and innovative products continuous won a high degree of trust and identity of the customers.

















CATALOG

目録



選型方法
Type selection method 1–4



高精度齒輪減速電機特性與選型
Characteristics and selection High percision gear reducer motor 5–24



直交軸系列微特減速電機特性與選型
Characteristics and selection Rectangular shaft series VT reduction motor 25–45



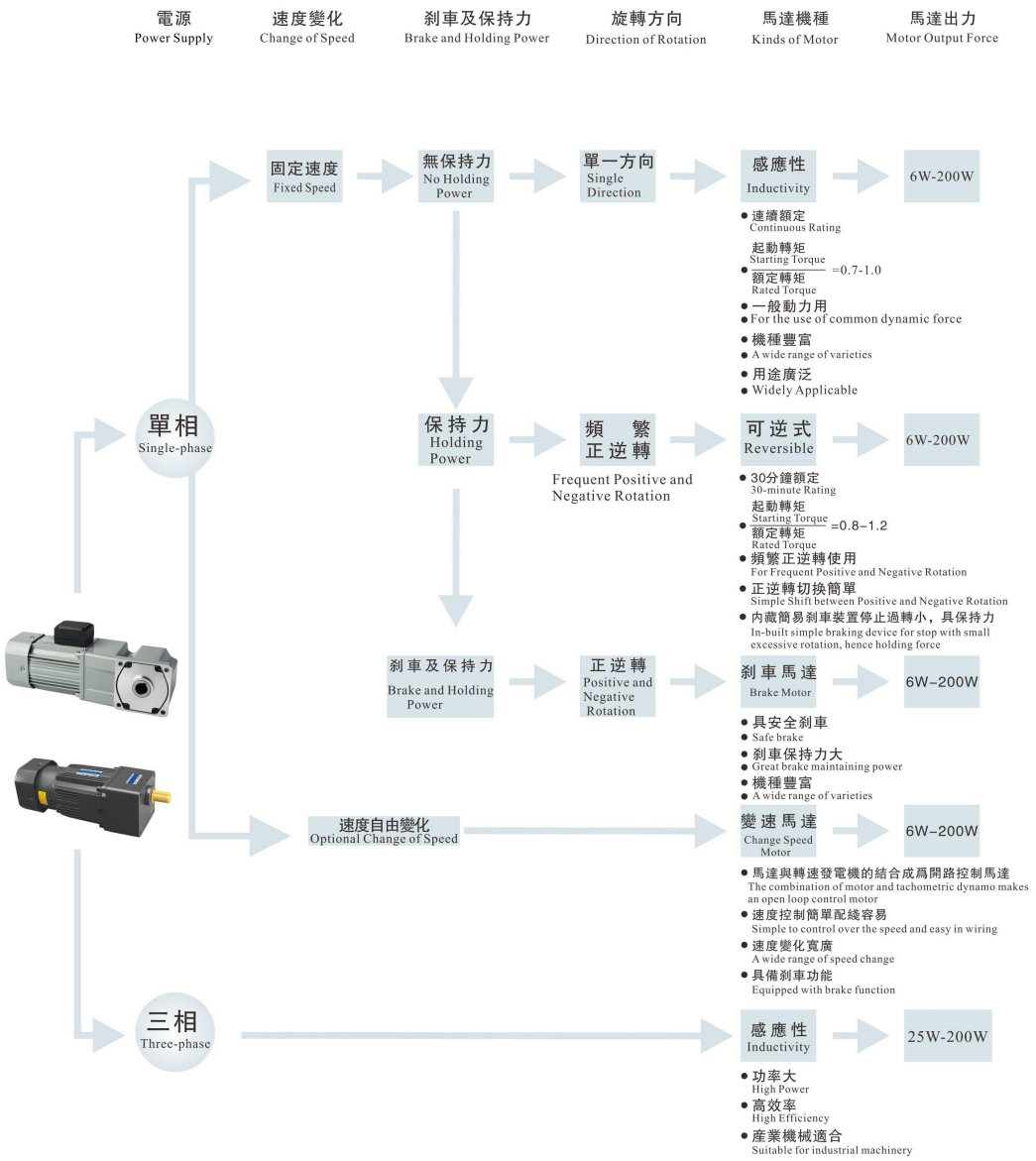
微特馬達附件選型
Micro motor accessories selection 46–48



速度控制器與馬達接綫示意圖
Speed controller and motor wiring diagram 49–50



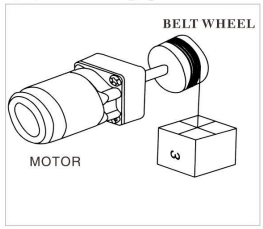
CH/CV小型減速電機
CH/CV small-size deceleration motor 51–83



馬達容量的具體計算方法
Method for calculating motor capacity

1、求馬達所需的容量時，如下列標示。此處爲一般的基本式。
2、實際使用時應考慮到加速時，巨大的瞬間負荷所需的動力，或者設計上的安全，電壓的變化所造成的影響之後，再選擇馬達
1、The method for calculating the required capacity of the motor is shown as below. The general basic form is introduced here.
2、The power for the enormous instantaneous load under acceleration during actual operation and the design safety and influence caused by the voltage change should be taken into consideration before selecting the motor

（1）卷起荷重物時
（1）When rolling up the load

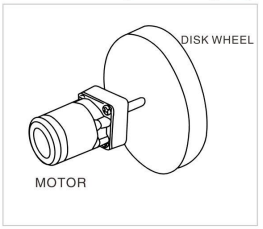


$Pg=\frac{\omega v}{6.12}\times\frac{100}{\eta}$[w]

ω:荷重[kgf]
ω:Load weight[kgf]
V：速度[m/min]
V：Speed[m/min]
η:效率[%]
η:Efficieny[%]

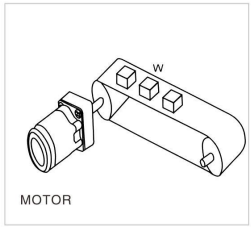
$Pg=(P1+P2+P3)\times\frac{100}{\eta}$ [W]
無負荷動力P1=9.8μωVL[W]
No load Dynamic powerP1=9.8μωVL[W]
水平動力 $P2=\frac{\mu QL}{367}$ [W]
Horizontal Dynamic powerP2=$\frac{\mu QL}{367}$[W]
垂直動力P2=$\pm\frac{QH}{367}$ [W]
Vertical dynamic power P2=$\pm\frac{QH}{367}$[W]
L：運送帶的長度[m]
L: The length of conveying belt [m]
ω:環狀帶比量[kgf/m]
ω: The specific flow of the loop-shaped belt [kgf/m]
μ：摩擦系數]
μ：Coefficient of Friction
V：環狀帶的速度[m/sec]
V: The speed of the loop-shaped belt [m/sec]
Q：運送量[kgf/h]
Q: The conveying volume [kgf/h]
η：效率[%]
η：Efficiency[%]
H：傾斜運送機的兩端高低差[m]
H：height difference between the two ends of slop conveyer[m]

（2）驅動慣性體時
（2）When driving the coasting body

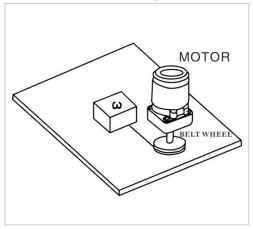


Pg=1.027nT[W]
Gd^2包括回轉體的圓輪效果
Gd^2 includes the round wheel effect of the rotational part
$T=\frac{GD^2}{375}\times\frac{n}{T}$ (kg/mx10^5)
n：回轉數[rpm]
n：revolutions per[rpm]
T：轉矩[kg・m]
T：Torque[kg・m]
GD^2：飛輪效率[kg・m^2]
GD^2：Flywheel efficiency[kg・m^2]
t：時間[sec]
t：Time[sec]

（3）皮帶輸送時
（3）When conveying with belt



（4）把接觸面水平移動時
（4）When moving the contact surfacehorizontally

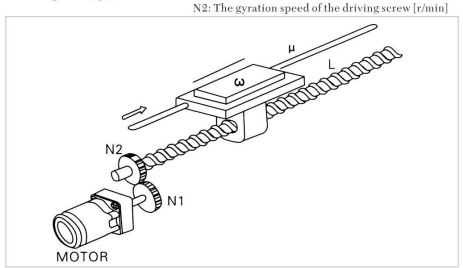


$Pg=\frac{\mu\omega v}{6.12}$ [W]
ω：荷重[kgf]
ω：Load weight[kgf]
V：速度[m/min]
V：Speed[m/min]
μ：摩擦系數
μ：Coefficient of friction
Pg：所需動力(W)
Pg：Required Dynamic power(W)

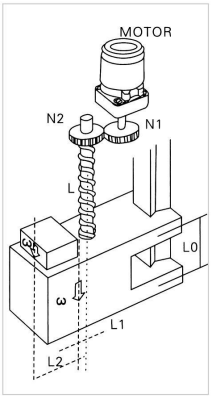
（5）驅動導螺杆時
（5）Drive the leadscrew

1)水平移動時
1)When moving horizontally
Pg=(P1+P2)[W]
外部負荷
External load
$Pg=1.027N2K\frac{(F+\mu\omega)}{2\pi\eta}$[W]
預壓負荷
Setting load
$P2=1.027N2K\frac{Fao.L}{2\pi}$[W]
F：切削力[kgf]
F: Cutting force [kgf]

ω：工作質量+工作臺質量[kgf/m]
ω：Work quality+Workbench Quality[kgf/m]
μ：滾動裝置的摩擦系數[0.01]
μ：The frictional coefficient of the rolling device [0.01]
L：導螺杆的LEAD[m]
L: The LEAD of driving screw [m]
η：導螺杆效率[0.9]
η: The efficiency of driving screw [0.9]
Fao：預壓荷重[kgf]
Fao: Setting load
K：預壓螺帽的內部摩擦系數[0.1-0.3]
K: The internal frictional coefficient of the driving cap [0.1-0.3]
N2：導螺杆的回旋速度[r/min]
N2: The gyration speed of the driving screw [r/min]



（6）上下移動時
（6）When moving up and down



Pa=(P1+P2)[W]
在此，外部負荷
Here, external load
$P1=1.027N2\frac{(F+\mu\omega)L}{2\pi\eta}$ [W]
$W=\frac{(\omega_1L_1+\omega_2L_2)}{Lo}$[kgf]
預壓負荷
Setting load
$P2=1.027N2K\frac{Fao\ L}{2\pi}$ [W]

ω1：工作質量 Work quality
ω2：工作臺質量 Workbench Quality
L1:導螺杆中心與工作重心的距離[m]
L1: The distance between the center of the driving screw and the center of working gravity [m]
L2:導螺杆中心與工作重心的距離[m]
L2: The distance between the center of the driving screw and the center of working gravity [m]
L0:工作臺脚之間的距離[m]
L0: The distance between the working table feet [m]
L：導螺杆的LEAD[m]
L: The LEAD of driving screw [m]
μ：滾動裝置的摩擦系數[0.01]
μ: The frictional coefficient of the rolling device [0.01]
Fao：預壓荷重
Fao: Setting load [kgf]
K：預壓螺帽的內部摩擦
K: The internal frictional coefficient of the driving cap [0.1-0.3]
系數 coefficient[0.1-0.3]
N2：導螺杆的回旋速度[r/min]
N2: The gyration speed of the driving screw [r/min]
η:導螺杆效率[0.9]
η: The efficiency of driving screw [0.9]

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

4	I	K	25	GN	A	□
外形尺寸 Overall Dimensions	機種 Kinds	馬達系列 Motor Series	出力 Output Force	馬達軸形狀 Motor Axis Shape	電壓極數 Voltage Poles	其它附件 Other Accessories
3:70mm 4:80mm 5:90mm 6:100mm	I:感應式 I: Inductive R:可逆式 R: Reversible T:轉矩馬達 T: Torque Motor	K系列 K Series	15=15W 25=25W 40=40W 60=60W 90=90W 120=120W 140=140W 160=160W 180=180W 200=200W	A圓柱軸 A Cylinder Axis GN螺旋齒軸（匹配GN齒輪箱） GN Spiral Toothing Axis (match with GN gear box) GU螺旋齒軸（匹配GU齒輪箱） GU Spiral Toothing Axis (match with GU gear box)	A=1φ110V4P B=1φ110V2P C=1φ220V4P D=1φ220V2P S=3φ220V4P U=3φ380V4P W=3φ440V4P Y=3φ220/380V4P Z=3φ220/440V4P H=3φ380V2P	F:风扇 F: Fan M:电磁刹车 M:Electromagnetic Brake Z:机械阻尼 Z: mechanical damping T:接线盒 T: Terminal Box P:温度开关 P: Temperature Switch



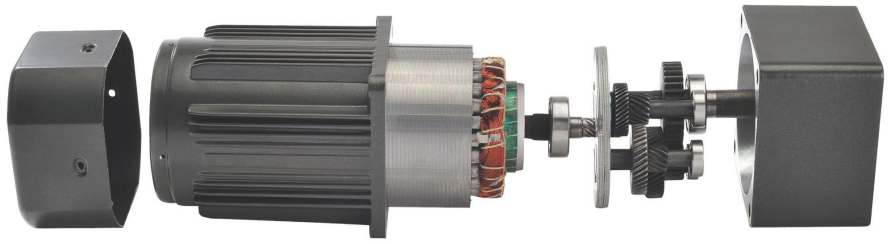
馬達軸形狀前加R爲調速馬達
Plus "R" before the axis shape of the motor stands for the speed regulation motor

齒輪型號之選定
The selection for AC motor

4	GN	100	K
外形尺寸 Overall Dimensions	齒輪種類 Kinds of Gears	減速比 Speed Reducing Ratio	齒輪軸承種類 Kinds of Gear Bearings
3:70mm 4:80mm 5:90mm 6:100mm	GN 一般形齒輪箱 GN Common Gear Box GU 加强形齒輪箱 GU Reinforced Gear Box GS 加强形齒輪箱 GS Reinforced Gear Box	1/100 10x表示中間齒輪 10x stands for the intermediate gear	K=滚珠培林軸承 K= Ball Bearing B=含油軸承（合銅） B= Oil-retaining Bearing (copper contained) copper alloy



遘力產品模塊化組合體系
MODULAR COMBINED
SYSTEM OF "MAILI" PRODUCT


















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	電容容量/耐壓 Capacity/Ve μF/VAC
公司型號 JWD types						mN.m	gf.cm	mN.m	gf.cm		
3IK15GN-C 3IK15A-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
3RK15GN-C 3RK15A-C	可逆 Reversible 30min			50	0.16	187	1870	150	1500	1250	1.5/450
				60	0.18	158	1580	127	1270	1500	1.5/450
3IK15GN-A 3IK15A-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
3RK15GN-A 3RK15A-A	可逆 Reversible 30min			50	0.36	187	1870	150	1500	1250	6/250
				60	0.38	158	1580	127	1270	1500	6/250
3IK15GN-U 3IK15A-U	——	15	三相 3-phase 380	50	0.06	143	1430	115	1150	1250	——
				60	0.055	120	1200	95.5	955	1500	——
3RK15GN-S 3RK15A-S	——	15	三相 3-phase 220	50	0.1	143	1430	115	1150	1250	——
				60	0.1	120	1200	95.5	955	1500	——
3IK20GN-C 3IK20A-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
3RK20GN-C 3RK20A-C	可逆 Reversible 30min			50	0.26	187	1870	150	1500	1300	2.5/450
				60	0.28	158	1580	127	1270	1550	2.5/450
3IK20GN-A 3IK20N-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
3RK20GN-A 3RK20A-A	可逆 Reversible 30min			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

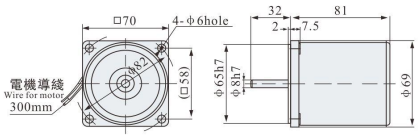
減速參數 Geared-down parameter	同步轉速r/mn Synchronous speed		500	300	250	200	150	120	100	75	60	50	40	35	30	25	20	15	12	10	8	6
	減速比i ratio		3	5	6	7.5	10	12.5	15	20	25	30	36	40	50	60	75	100	120	150	180	250
最大允許負載 Max allowable load	15W	kg.cm	2.86	4.81	5.67	7.51	9.46	11.8	14.7	17	21.5	23.5	30.6	34.1	39.27	47.1	50					
		N.m	0.28	0.48	0.56	0.75	0.93	1.18	1.47	1.67	2.15	2.35	3.01	3.34	3.92	4.7	4.9					
	20W	kg.cm	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							
		N.m	0.35	0.58	0.75	0.87	1.24	1.45	1.71	2.23	2.61	3.04	4.01	4.4	4.9							

- 轉速是以電動機的同步轉速爲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爲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 in2~15%.
- 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 ratiio 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

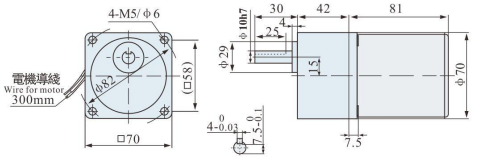
3IK15A-A　3RK15A-A
3IK15A-C　3RK15A-C
3IK15A-Y　3RK15A-Y



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

定速型 齒輪品名
Optical axis type　Name of Gear　3GN□K

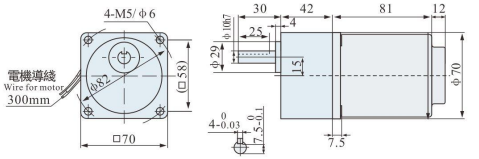
3IK15GN-A　3RK15GN-A
3IK15GN-C　3RK15GN-C
3IK15GN-CZ　3RK15GN-CZ
3IK15GN-Y　3RK15GN-Y



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

調速型 齒輪品名
Speed regulation type　Name of Gear　3GN□K

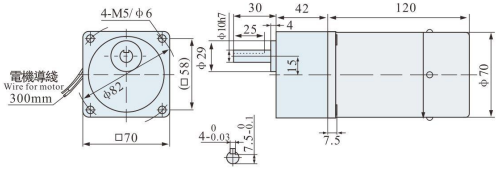
3RK15RGN-A　3IK15RGN-A
3IK15RGN-C　3IK15RGN-C



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

剎車定速型 齒輪品名
Brake Optical axis type　Name of Gear　3GN□K

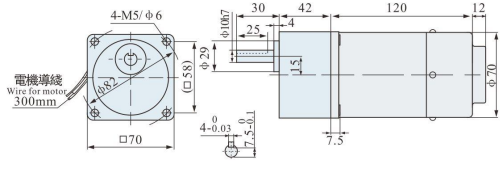
3IK15GN-AM　3RK15GN-AM
3IK15GN-CM　3RK15GN-CM
3IK15GN-YM　3RK15GN-YM



結構：減速器+電動機+剎車器
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

剎車調速型 齒輪品名
Brake Speed regulation type　Name of Gear　3GN□K

3IK15RGN-CM　3RK15RGN-CM
3IK15RGN-AM　3RK15RGN-AM



結構：減速器+電動機+剎車器+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 / 公司型號 JWD types	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	起動扭矩 Starting Torque gf.cm	額定扭矩 Rated Torque mN.m	額定扭矩 Rated Torque gf.cm	額定轉速 Rated Revolution r/min	電容容量/耐壓 Capacity/Ve μF/VAC
4IK25GN-C 4IK25A-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
4RK25GN-C 4RK25A-C	可逆 Reversible 30min			50	0.24	231	2310	185	1850	1250	2/450
				60	0.26	192	1920	154	1540	1550	2/450
4IK25GN-A 4IK25A-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
4RK25GN-A 4RK25A-A	可逆 Reversible 30min			50	0.50	231	2310	185	1850	1250	8/250
				60	0.56	192	1920	154	1540	1550	8/250
4IK25GN-U 4IK25A-U	——	25	三相 3-phase 380	50	0.14	231	2310	185	1850	1250	——
				60	0.12	192	1920	154	1540	1550	——
4RK25GN-S 4RK25A-S	——	25	三相 3-phase 220	50	0.24	231	2310	185	1850	1250	——
				60	0.225	192	1920	154	1540	1550	——
4IK30GN-C 4IK30A-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
4RK30GN-C 4RK30A-C	可逆 Reversible 30min			50	0.3	275	2750	220	2200	1250	2.5/450
				60	0.32	231	2310	185	1850	1550	2.5/450
4IK30GN-A 4IK30A-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
4RK30GN-A 4RK30A-A	可逆 Reversible 30min			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

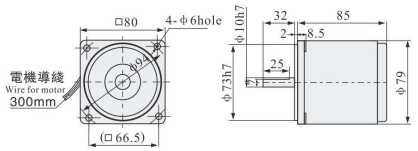
減速參數 Geared-down parameter	同步轉速r/mn Synchronous speed		500	300	250	200	150	120	100	83	75	60	50	40	35	30	25	20	15	12	10	8	7	6	5
	減速比i ratio		3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	100	120	150	180	200	250	300
最大允許負載 Max allowable load	25W	kg.cm	4.5	7.9	9.46	12	15.7	19	23	28.4	31.5	35	42	51.1	56.7	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爲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爲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 in2~15%.
- 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 ratiio 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

4IK25A-A 4RK25A-A
4IK25A-C 4RK25A-C
4IK25A-Y 4RK25A-Y

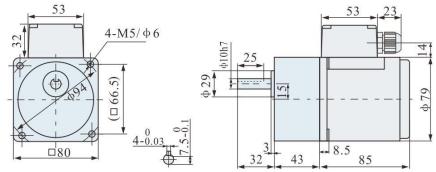


結構：電動機
重量：1.5kg

Structure：Electric motor
Weight：1.5kg

帶端子箱型 With terminal box type　齒輪品名 Name of Gear 4GN□K

4IK25GN-AT 4RK25GN-AT
4IK25GN-CT 4RK25GN-CT
4IK25GN-UT 4RK25GN-UT
4IK25GN-ST 4RK25GN-ST

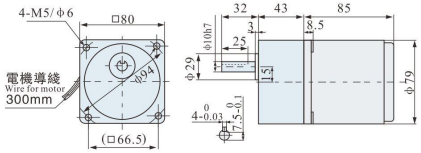


結構：減速器+電動機+端子箱
重量：2.2kg
減速比：1:3-1:300

Structure：Reducer+Electric motor+Terminal box
Weight：2.2kg
Speed Reducing Ratio：1:3-1:300

定速型 Optical axis type　齒輪品名 Name of Gear 4GN□K

4IK25GN-A 4RK25GN-A
4IK25GN-C 4RK25GN-C
4IK25GN-CZ 4RK25GN-CZ
4IK25GN-Y 4RK25GN-Y

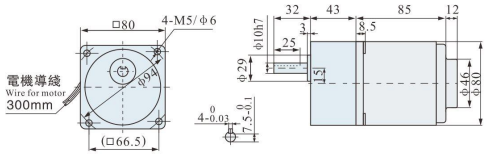


結構：減速器+電動機
重量：2.1kg
減速比：1:3-1:300

Structure：Reducer+Electric motor
Weight：2.1kg
Speed Reducing Ratio：1:3-1:300

調速型 Speed regulation type　齒輪品名 Name of Gear 4GN□K

4IK25RGN-A 4RK25RGN-A
4IK25RGN-C 4RK25RGN-C

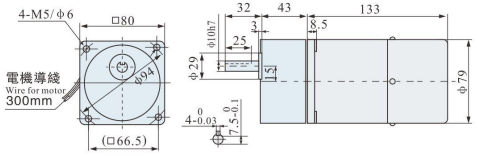


結構：減速器+電動機+調速器
重量：2.2kg
減速比：1:3-1:300

Structure：Reducer+Electric motor+Speed governor
Weight：2.2kg
Speed Reducing Ratio：1:3-1:300

剎車定速型 Brake Optical axis type　齒輪品名 Name of Gear 4GN□K

4IK25GN-AM 4RK25GN-AM
4IK25GN-CM 4RK25GN-CM
4IK25GN-YM 4RK25GN-YM

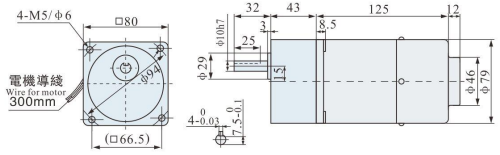


結構：減速器+電動機+剎車器
重量：2.4kg
減速比：1:3-1:300

Structure：Reducer+Electric motor+Brake
Weight：2.4kg
Speed Reducing Ratio：1:3-1:300

剎車調速型 Brake Speed regulation type　齒輪品名 Name of Gear 4GN□K

4IK25RGN-AM 4RK25RGN-AM
4IK25RGN-CM 4RK25RGN-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

選型參數表 Type parameter list

40W

□90mm



電機特性

List of motor characteristics

電機型號 Motor model / 公司型號 JWD types	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	起動扭矩 Starting Torque gf.cm	額定扭矩 Rated Torque mN.m	額定扭矩 Rated Torque gf.cm	額定轉速 Rated Revolution r/min	電容容量/耐壓 Capacity/Ve μF/VAC
5IK40GN-C 5IK40A-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
5RK40GN-C 5RK40A-C	可逆 Reversible 30min			50	0.38	367	3670	294	2940	1300	3.0/450
				60	0.4	307	3070	246	2460	1550	3.0/450
5IK40GN-A 5IK40A-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
5RK40GN-A 5RK40A-A	可逆 Reversible 30min			50	0.76	367	3670	294	2940	1300	12/250
				60	0.80	307	3070	246	2460	1550	12/250
5IK40GN-U 5IK40A-U	——	40	三相 3-phase 380	50	0.24	367	3670	294	2940	1300	——
				60	0.22	307	3070	246	2460	1550	——
5RK40GN-S 5RK40A-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

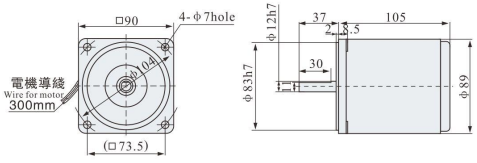
減速參數 Geared-down parameter	同步轉速r/mn Synchronous speed		500	300	250	200	150	120	100	75	60	50	40	35	30	25	20	15	12	10	8	7	6	5	3
	減速比i ratio		3	5	6	7.5	10	12.5	15	20	25	30	36	40	50	60	75	100	120	150	180	200	250	300	500
最大允許負載 Max allowable load	40W	kg.cm	7.3	12	14.5	18	24.2	30	36	43.6	55	65.5	78	87	98	100									
		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爲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爲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 in2~15%.
- 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 ratiio 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

5IK40A-A　5RK40A-A
5IK40A-C　5RK40A-C
5IK40A-Y　5RK40A-Y

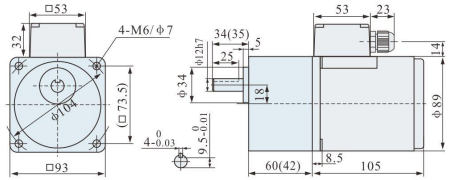


結構：電動機　Structure：Electric motor
重量：2.3kg　Weight：2.3kg

帶端子箱型
With terminal box type

5IK40GM-AT　5RK40GM-AT
5IK40GM-CT　5RK40GM-CT
5IK40GM-U(Y)T　5RK40GM-U(Y)T
5IK40GM-ST　5RK40GM-ST

齒輪品名
Name of Gear　5GN(GU) □K

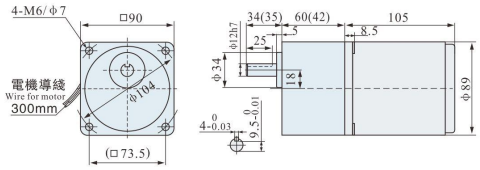


結構：減速器+電動機+端子箱　Structure：Reducer+Electric motor+Terminal box
重量：3.5kg　Weight：3.5kg
減速比：1:3-1:500　Speed Reducing Ratio：1:3-1:500

定速型
Optical axis type

齒輪品名
Name of Gear　5GN(GU) □K

5IK40GN-A　5RK40GN-A
5IK40GN-C　5RK40GN-C
5IK40GN-CZ　5RK40GN-CZ
5IK40GN-Y　5RK40GN-Y

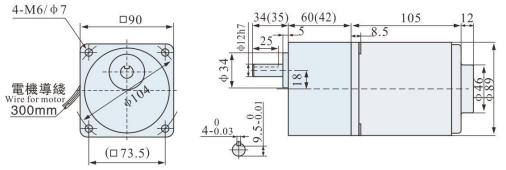


結構：減速器+電動機　Structure：Reducer+Electric motor
重量：3.4kg　Weight：3.4kg
減速比：1:3-1:500　Speed Reducing Ratio：1:3-1:500

調速型
Speed regulation type

齒輪品名
Name of Gear　5GN(GU) □K

5IK40RGN-A　5RK40RGN-A
5IK40RGN-C　5RK40RGN-C

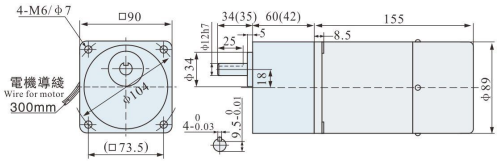


結構：減速器+電動機+調速器　Structure：Reducer+Electric motor+Speed governor
重量：3.5kg　Weight：3.5kg
減速比：1:3-1:500　Speed Reducing Ratio：1:3-1:500

剎車定速型
Brake Optical axis type

齒輪品名
Name of Gear　5GN(GU) □K

5IK40GN-AM　5RK40GN-AM
5IK40GN-CM　5RK40GN-CM
5IK40GN-YM　5RK40GN-YM

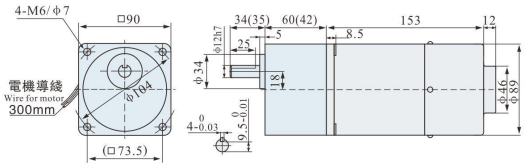


結構：減速器+電動機+剎車器　Structure：Reducer+Electric motor+Brake
重量：3.7kg　Weight：3.7kg
減速比：1:3-1:500　Speed Reducing Ratio：1:3-1:500

剎車調速型
Brake Speed regulation type

齒輪品名
Name of Gear　5GN(GU) □K

5IK40RGN-AM　5RK40RGN-AM
5IK40RGN-CM　5RK40RGN-CM



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

WENCE 威茨

選型參數表 Type parameter list

60W

□90mm



電機特性
List of motor characteristics

電機型號 Motor model / 公司型號 JWD types	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	起動扭矩 Starting Torque gf.cm	額定扭矩 Rated Torque mN.m	額定扭矩 Rated Torque gf.cm	額定轉速 Rated Revolution r/min	電容容量/耐壓 Capacity/Ve μF/VAC
5IK60GU-CF 5IK60A-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
5RK60GU-CF 5RK60A-CF	可逆 Reversible 30min			50	0.5	837	8370	670	6700	1350	4/450
				60	0.52	692	6920	554	5540	1550	4/450
5IK60GU-AF 5IK60A-AF	感應 Induction	60	單相 1-phase 110	50	0.90	551	5510	441	4410	1350	14/250
				60	0.88	462	4620	370	3700	1550	14/250
5RIK60GU-AF 5RK60A-AF	可逆 Reversible 30min			50	1.0	837	8370	670	6700	1350	16/250
				60	1.2	692	6920	554	5540	1550	16/250
5IK60GU-UF 5IK60A-UF	——	60	三相 3-phase 380	50	0.30	551	5510	441	4410	1350	——
				60	0.28	462	4620	370	3700	1550	——
5RK60GU-SF 5RK60A-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/mn Synchronous speed	500	375	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	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									

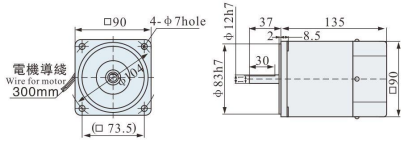
- 轉速是以電動機的同步轉速爲基準除以減速比而算出的數值。實際轉速將隨負載大小變化而比所示數值減少2~15%左右。
- 希望以大于上表的減速比進一步減速時，可在電動機與減速機之間安裝減速比爲10的中間減速機。
- 當負載扭矩超過減速電機最大允許負載扭矩，并有堵轉情況存在時，請在減速箱輸出軸和負載連接處加裝扭矩限制裝置，確保齒輪減速箱正常運行。

- 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 in2~15%.
- 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 ratiio 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.

外型安裝尺寸 Appearance installment size

圓軸型
Circular shaft type

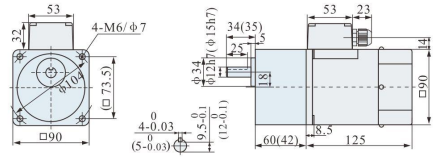
5IK60A-AF　5RK60A-AF
5IK60A-CF　5RK60A-CF
5IK60A-YF　5RK60A-YF



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

帶端子箱型 齒輪品名 5GN(GU) □K
With terminal box type　Name of Gear

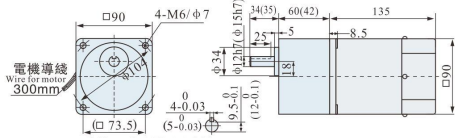
5IK60GU-AFT　5RK60GU-AFT
5IK60GU-CFT　5RK60GU-CFT
5IK60GU-U(Y)FT　5RK60GU-U(Y)FT
5IK60GU-SFT　5RK60GU-SFT



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

定速型 齒輪品名 5GN(GU) □K
Optical axis type　Name of Gear

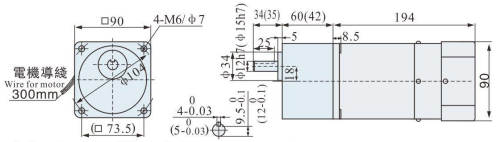
5IK60GU-AF　5RK60GU-AF
5IK60GU-CF　5RK60GU-CF
5IK60GU-YF　5RK60GU-YF



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

剎車定速型 齒輪品名 5GN(GU) □K
Brake Optical axis type　Name of Gear

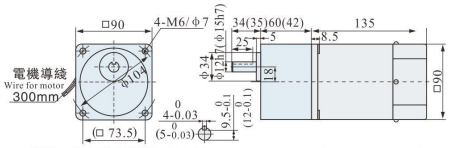
5IK60GU-AFM　5RK60GU-AFM
5IK60GU-CFM　5RK60GU-CFM
5IK60GU-YFM　5RK60GU-YFM



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

調速型 齒輪品名 5GN(GU) □K
Speed regulation type　Name of Gear

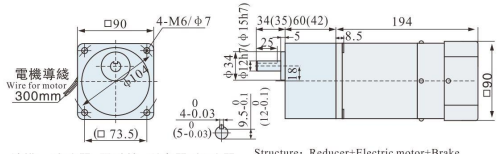
5IK60RGU-AF　5RK60RGU-AF
5IK60RGU-CF　5RK60RGU-CF



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

剎車調速型 齒輪品名 5GN(GU) □K
Brake Speed regulation type　Name of Gear

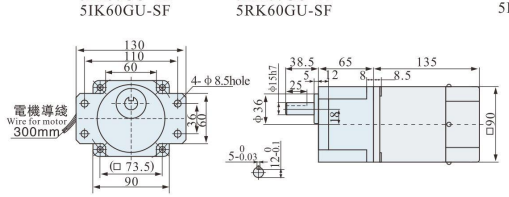
5IK60RGU-AFM　5RK60RGU-AFM
5IK60RGU-CFM　5RK60RGU-CFM



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定速型 齒輪品名 5GS□K
Optical axis type　Name of Gear

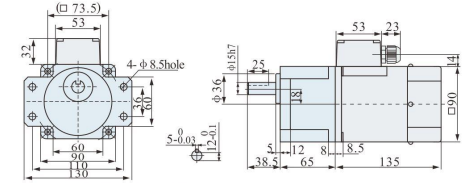
5IK60GU-AF　5RK60GU-AF
5IK60GU-CF　5RK60GU-CF
5IK60GU-YF　5RK60GU-YF
5IK60GU-SF　5RK60GU-SF



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

90GS帶端子箱型 齒輪品名 5GS□K
With terminal box type　Name of Gear

5IK60GU-AFT　5RK60GU-AFT
5IK60GU-CFT　5RK60GU-CFT
5IK60GU-U(Y)FT　5RK60GU-U(Y)FT
5IK60GU-SFT　5RK60GU-SFT



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 / 公司型號 JWD types	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	起動扭矩 Starting Torque gf.cm	額定扭矩 Rated Torque mN.m	額定扭矩 Rated Torque gf.cm	額定轉速 Rated Revolution r/min	電容容量/耐壓 Capacity/Ve μF/VAC
5IK90GU-CF 5IK90A-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
5RK90GU-CF 5RK90A-CF	可逆 Reversible 30min			50	0.68	837	8370	670	6700	1350	6/450
				60	0.72	692	6920	554	5540	1550	6/450
5IK90GU-AF 5IK90A-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
5RK90GU-AF 5RK90A-AF	可逆 Reversible 30min			50	1.38	837	8370	670	6700	1350	24/250
				60	1.5	692	6920	554	5540	1550	24/250
5IK90GU-UF 5IK90A-UF	——	90	三相 3-phase 380	50	0.32	837	8370	670	6700	1350	——
				60	0.3	692	6920	554	5540	1500	——
5RK90GU-SF 5RK90A-SF	——	90	三相 3-phase 220	50	0.55	837	8370	670	6700	1350	——
				60	0.48	692	6920	554	5540	1500	——
5IK120GU-CF 5IK120A-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
5RK120GU-CF 5RK120A-CF	可逆 Reversible 30min			50	0.95	1137	11370	910	9100	1350	8/450
				60	1.0	955	9550	764	7640	1500	8/450
5IK120GU-AF 5IK120A-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
5RK120GU-AF 5RK120A-AF	可逆 Reversible 30min			50	1.9	1137	11370	910	9100	1350	30/250
				60	2.1	955	9550	764	7640	1500	30/250
5RK120GU-UF 5RK120A-UF	——	120	三相 3-phase 380	50	0.34	1137	11370	910	9100	1350	——
				60	0.31	955	9550	764	7640	1500	——
5RK120GU-SF 5RK120A-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

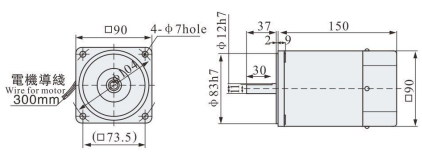
減速參數 Geared-down parameter	同步轉速r/mn Synchronous speed		500	300	250	200	150	120	100	75	60	50	45	37.5	30	25	20	15	12.5	10	8	7.5	6	5	3
	減速比i ratio		3	5	6	7.5	10	12.5	15	20	25	30	36	40	50	60	75	100	120	150	180	200	250	300	500
最大允許負載 Max allowable load	90W	kg.cm	15.7	26.5	31.5	39.4	52.5	65.7	71	94.6	118	141	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	87.57	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爲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爲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 in2~15%.
- 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 ratiio 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

5IK90(120)A-AF 5RK90(120)A-AF
5IK90(120)A-CF 5RK90(120)A-CF
5IK90(120)A-YF 5RK90(120)A-YF



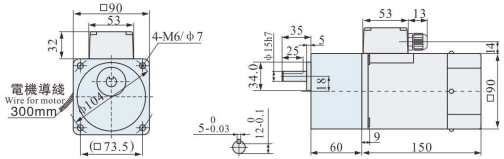
結構：電動機
重量：3.1kg

Structure：Electric motor
Weight：3.1kg

90GU帶端子箱型
With terminal box type

齒輪品名 5GU□K
Name of Gear

5IK90(120)GU-AFT 5RK90(120)GU-AFT
5IK90(120)GU-CFT 5RK90(120)GU-CFT
5IK90(120)GU-U(Y)FT 5RK90(120)GU-U(Y)FT
5IK90(120)GU-SFT 5RK90(120)GU-SFT



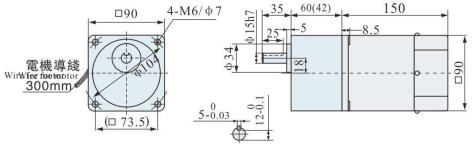
結構：減速器+電動機+端子箱
重量：4.3kg
減速比：1:3-1:500

Structure：Reducer+Electric motor+Terminal box
Weight：4.3kg
Speed Reducing Ratio：1:3-1:500

定速型
Optical axis type

齒輪品名 5GU □K
Name of Gear

5IK90(120)GU-AF 5RK90(120)GU-AF
5IK90(120)GU-CF 5RK90(120)GU-CF
5IK90(120)GU-U(Y)F 5RK90(120)GU-U(Y)F
5IK90(120)GU-SF 5RK90(120)GU-SF



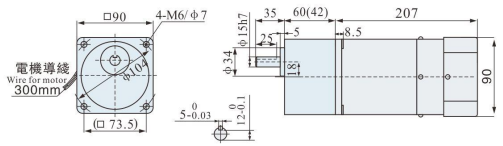
結構：減速器+電動機
重量：3.8kg
減速比：1:3-1:500

Structure：Reducer+Electric motor
Weight：3.8kg
Speed Reducing Ratio：1:3-1:500

剎車定速型
Brake Optical axis type

齒輪品名 5GU □K
Name of Gear

5IK90(120)GU-AFM 5RK90(120)GU-AFM
5IK90(120)GU-CFM 5RK90(120)GU-CFM
5IK90(120)GU-U(Y)FM 5RK90(120)GU-U(Y)FM
5IK90(120)GU-SFM 5RK90(120)GU-SFM



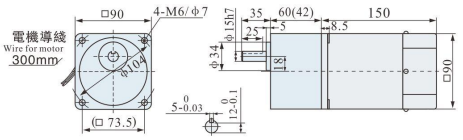
結構：減速器+電動機+剎車器
重量：4kg
減速比：1:3-1:500

Structure：Reducer+Electric motor+Brake
Weight：4kg
Speed Reducing Ratio：1:3-1:500

調速型
Speed regulation type

齒輪品名 5GU □K
Name of Gear

5IK90(120)RGU-AF 5RK90(120)RGU-AF
5IK90(120)RGU-CF 5RK90(120)RGU-CF



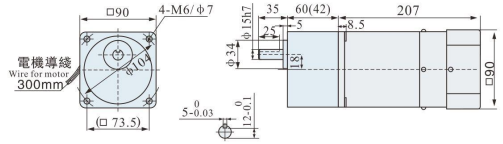
結構：減速器+電動機+調速器
重量：3.9kg
減速比：1:3-1:500

Structure：Reducer+Electric motor+Speed governor
Weight：3.9kg
Speed Reducing Ratio：1:3-1:500

剎車調速型
Brake Speed regulation type

齒輪品名 5GU□K
Name of Gear

5IK90(120)RGU-AFM 5RK90(120)RGU-AFM
5IK90(120)RGU-CFM 5RK90(120)RGU-CFM



結構：減速器+電動機+剎車器+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

選型參數表 Type parameter list

90/120W

□90mm





電機特性
List of motor characteristics

電機型號 Motor model / 公司型號 JWD types	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	起動扭矩 Starting Torque gf.cm	額定扭矩 Rated Torque mN.m	額定扭矩 Rated Torque gf.cm	額定轉速 Rated Revolution r/min	電容容量/耐壓 Capacity/Ve μF/VAC
5IK90GU-CF 5IK90A-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
5RK90GU-CF 5RK90A-CF	可逆 Reversible 30min			50	0.68	837	8370	670	6700	1350	6/450
				60	0.72	692	6920	554	5540	1550	6/450
5IK90GU-AF 5IK90A-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
5RK90GU-AF 5RK90A-AF	可逆 Reversible 30min			50	1.38	837	8370	670	6700	1350	24/250
				60	1.5	692	6920	554	5540	1550	24/250
5IK90GU-UF 5IK90A-UF	—	90	三相 3-phase 380	50	0.32	837	8370	670	6700	1350	—
				60	0.3	692	6920	554	5540	1500	—
5RK90GU-SF 5RK90A-SF	—	90	三相 3-phase 220	50	0.55	837	8370	670	6700	1350	—
				60	0.48	692	6920	554	5540	1500	—
5IK120GU-CF 5IK120A-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
5RK120GU-CF 5RK120A-CF	可逆 Reversible 30min			50	0.95	1137	11370	910	9100	1350	8/450
				60	1.0	955	9550	764	7640	1500	8/450
5IK120GU-AF 5IK120A-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
5RK120GU-AF 5RK120A-AF	可逆 Reversible 30min			50	1.9	1137	11370	910	9100	1350	30/250
				60	2.1	955	9550	764	7640	1500	30/250
5RK120GU-UF 5RK120A-UF	—	120	三相 3-phase 380	50	0.34	1137	11370	910	9100	1350	—
				60	0.31	955	9550	764	7640	1500	—
5RK120GU-SF 5RK120A-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/mn Synchronous speed		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
	減速比i ratio		3	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	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	87.57	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爲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爲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。

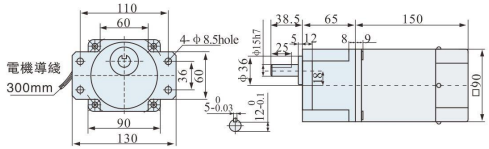
- The speed is based on the synchronous motor speed reduction ratio as a benchmark calculated by dividing the value of.Actual speed will vary the size of the load changes in less than the values shown in2~15%.
- Hope to the table of the reduction ratio is greater than the further reduction,it would be installed between the motor and the reducer reduction ratiio 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.

外型安裝尺寸 Appearance installment size

定速型 Optical axis type　齒輪品名 Name of Gear　5GS□K

5IK90(120)GU-AF
5IK90(120)GU-CF
5IK90(120)GU-U(Y)F
5IK90(120)GU-SF

5RK90(120)GU-AF
5RK90(120)GU-CF
5RK90(120)GU-U(Y)F
5RK90(120)GU-SF



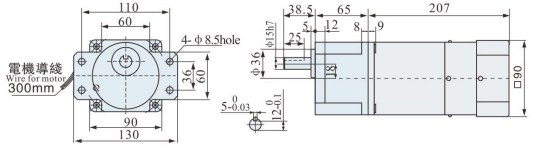
結構：減速器+電動機
重量：4.4kg
減速比：1:3-1:500

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

剎車定速型 Brake Optical axis type　齒輪品名 Name of Gear　5GS□K

5IK90(120)GU-AFM
5IK90(120)GU-CFM
5IK90(120)GU-U(Y)FM
5IK90(120)GU-SFM

5RK90(120)GU-AFM
5RK90(120)GU-CFM
5RK90(120)GU-U(Y)FM
5RK90(120)GU-SFM



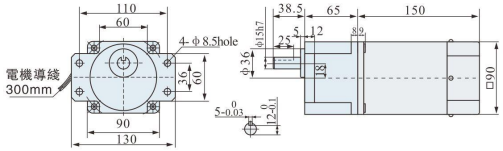
結構：減速器+電動機+剎車器
重量：4.9kg
減速比：1:3-1:500

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

5IK90(120)RGU-AF
5IK90(120)RGU-CF

5RK90(120)RGU-AF
5RK90(120)RGU-CF



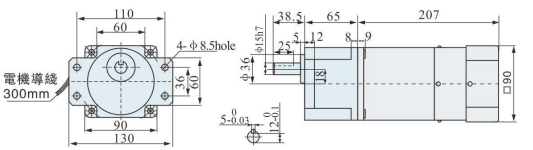
結構：減速器+電動機+調速器
重量：4.5kg
減速比：1:3-1:500

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

5IK90(120)RGU-AFM
5IK90(120)RGU-CFM

5RK90(120)RGU-AFM
5RK90(120)RGU-CFM



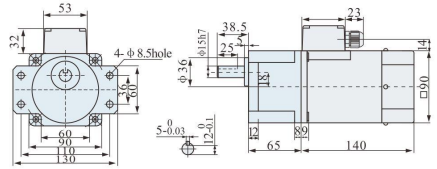
結構：減速器+電動機+剎車器+調速器
重量：4.9kg
減速比：1:3-1:500

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

5IK90(120)GU-AFT
5IK90(120)GU-CFT
5IK90(120)GU-U(Y)FT
5IK90(120)GU-SFT

5RK90(120)GU-AFT
5RK90(120)GU-CFT
5RK90(120)GU-U(Y)FT
5RK90(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 / 公司型號 JWD types	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	起動扭矩 Starting Torque gf.cm	額定扭矩 Rated Torque mN.m	額定扭矩 Rated Torque gf.cm	額定轉速 Rated Revolution r/min	電容容量/耐壓 Capacity/Ve μF/VAC
6IK120GU-CF 6IK120A-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
6RK120GU-CF 6RK120A-CF	可逆 Reversible 30min			50	1.2	1575	15750	1260	12600	1350	8/450
				60	1.4	1225	12250	980	9800	1550	8/450
6IK120GU-AF 6IK120A-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
6RK120GU-AF 6RK120A-AF	可逆 Reversible 30min			50	1.8	1575	15750	1260	12600	1350	32/250
				60	2.0	1225	12250	980	9800	1550	32/250
6IK120GU-UF 6IK120A-UF	——	120	三相 3-phase 380	50	0.46	1100	11000	880	8800	1350	——
				60	0.42	925	9250	740	7400	1550	——
6RK120GU-SF 6RK120A-SF	——	120	三相 3-phase 220	50	0.8	1100	11000	880	8800	1350	——
				60	0.73	925	9250	740	7400	1550	——
6IK140GU-CF 6IK140A-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
6RK140GU-CF 6RK140A-CF	可逆 Reversible 30min			50	1.3	1285	12850	1028	10280	1350	10/450
				60	1.43	1078	10780	863	8630	1550	10/450
6IK140GU-AF 6IK140A-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
6RK140GU-AF 6RK140A-AF	可逆 Reversible 30min			50	2.2	1285	12850	1028	10280	1350	40/250
				60	2.4	1078	10780	863	8630	1550	32/250
6RK140GU-UF 6RK140A-UF	——	140	三相 3-phase 380	50	0.55	1285	12850	1028	10280	1350	——
				60	0.46	1078	10780	863	8630	1550	——
6RK140GU-SF 6RK140A-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%.

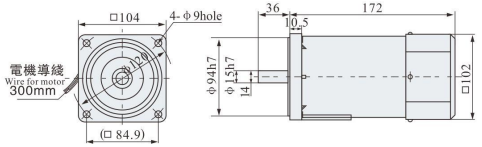
減速電機允許負載
Allowable load for the gear motor

減速參數 Geared-down parameter	同步轉速r/mn Synchronous speed		500	300	200	150	120	100	83	75	60	50	41	37	30	25	20	15	12	10	8	7	6	5	3
	減速比i ratio		3	5	7.5	10	12.5	15	18	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	120W	kg.cm	21.5	36	54	69.8	85	103	125	139	172	209	226	251	315										
		N.m	2.11	3.52	5.28	6.85	8.45	10.2	12.3	13.6	16.9	20.5	22.14	24.6	31										
	140W	kg.cm	25.1	42	63	73.5	99.2	120	132	147	200.7	221	238	265	330										
		N.m	2.46	4.11	6.16	8.02	9.86	11.8	13	14.4	19.73	21.7	23.4	26	32.5										

- 轉速是以電動機的同步轉速爲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爲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 in2~15%.
- 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 ratiio 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

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



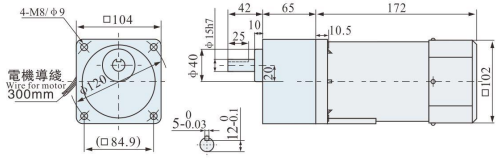
結構：電動機 Structure：Electric motor
重量：4.8kg Weight：4.8kg

定速型 Optical axis type　齒輪品名 Name of Gear　6GU□K

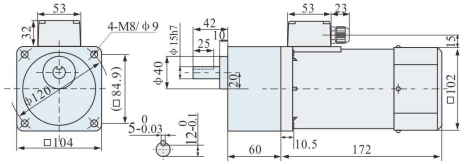
6IK120(140)GU-AF 6RK120(140)GU-AF
6IK120(140)GU-CF 6RK120(140)GU-CF
6IK120(140)GU-YF 6RK120(140)GU-YF

帶端子箱型 With terminal box type　齒輪品名 Name of Gear　6GU□K

6IK120(140)GU-AFT 6RK120(140)GU-AFT
6IK120(140)GU-CFT 6RK120(140)GU-CFT
6IK120(140)GU-U(Y)FT 6RK120(140)GU-U(Y)FT
6IK120(140)GU-SFT 6RK120(140)GU-SFT



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



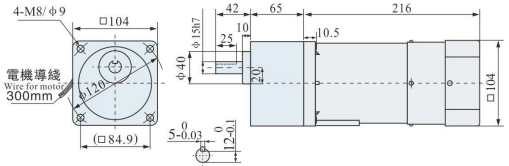
結構：減速器+電動機+端子箱
重量：6.5kg
減速比：1:3-1:250
Structure：Reducer+Electric motor+Terminal box
Weight：6.5kg
Speed Reducing Ratio：1:3-1:250

剎車定速型 Brake Optical axis type　齒輪品名 Name of Gear　6GU□K

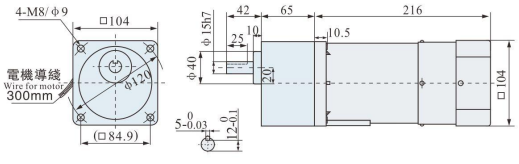
6IK120(140)GU-AFM 6RK120(140)GU-AFM
6IK120(140)GU-CFM 6RK120(140)GU-CFM
6IK120(140)GU-YFM 6RK120(140)GU-YFM

剎車調速型 Brake Speed regulation type　齒輪品名 Name of Gear　6GU□K

6IK120(140)RGU-AFM 6RK120(140)RGU-AFM
6IK120(140)RGU-CFM 6RK120(140)RGU-CFM



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



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

160/180W

□100mm





電機特性
List of motor characteristics

電機型號 Motor model / 公司型號 JWD types	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	起動扭矩 Starting Torque gf.cm	額定扭矩 Rated Torque mN.m	額定扭矩 Rated Torque gf.cm	額定轉速 Rated Revolution r/min	電容容量/耐壓 Capacity/Ve μF/VAC
6IK160GU-CF 6IK160A-CF	感應 Induction	160	單相 1-phase 220	50	1.25	1575	15750	1260	12600	1350	8/450
				60	1.24	1225	12250	980	9800	1550	8/450
6RK160GU-CF 6RK160A-CF	可逆 Reversible 30min			50	1.4	1575	15750	1260	12600	1350	10/450
				60	1.46	1225	12250	980	9800	1550	10/450
6IK160GU-AF 6IK160A-AF	感應 Induction	160	單相 1-phase 110	50	2.4	1575	15750	1260	12600	1350	32/250
				60	2.2	1225	12250	980	9800	1550	30/250
6RK160GU-AF 6RK160A-AF	可逆 Reversible 30min			50	2.6	1575	15750	1260	12600	1350	40/250
				60	2.8	1225	12250	980	9800	1550	36/250
6IK160GU-UF 6IK160A-UF	—	160	三相 3-phase 380	50	0.55	1468	14680	1175	11750	1350	—
				60	0.50	1232	12320	986	9860	1550	—
6RK160GU-SF 6RK160A-SF	—	160	三相 3-phase 220	50	0.95	1468	14680	1175	11750	1350	—
				60	0.86	1232	12320	986	9860	1550	—
6IK180GU-CF 6IK180A-CF	感應 Induction	180	單相 1-phase 220	50	1.50	1837	18370	1470	14700	1350	10/450
				60	1.46	1540	15400	1232	12320	1550	10/450
6RK180GU-CF 6RK180A-CF	可逆 Reversible 30min			50	1.50	1837	18370	1470	14700	1350	12/450
				60	1.46	1540	15400	1232	12320	1550	12/450
6IK180GU-AF 6IK180A-AF	感應 Induction	180	單相 1-phase 110	50	2.8	1837	18370	1470	14700	1350	40/250
				60	2.6	1540	15400	1232	12320	1550	40/250
6RK180GU-AF 6RK180A-AF	可逆 Reversible 30min			50	2.8	1837	18370	1470	14700	1350	48/250
				60	2.6	1540	15400	1232	12320	1550	48/250
6RK180GU-UF 6RK180A-UF	—	180	三相 3-phase 380	50	0.80	1825	18250	1460	14600	1350	—
				60	0.75	1475	14750	1180	11800	1550	—
6RK180GU-SF 6RK180A-SF	—	180	三相 3-phase 220	50	1.05	1825	18250	1460	14600	1350	—
				60	1.0	1475	14750	1180	11800	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%.

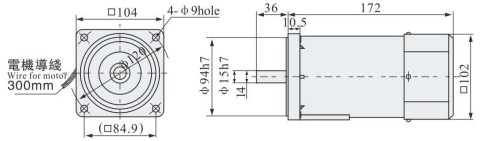
減速電機允許負載
Allowable load for the gear motor

減速參數 Geared-down parameter	同步轉速r/mn Synchronous speed		500	300	200	150	120	100	83	75	60	50	41	37	30	25	20	15	12	10	8	7	6	5	3
	減速比i ratio		3	5	7.5	10	12.5	15	18	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	160W	kg.cm	28.7	48	72	87	113.3	137.3	157	174	229	261	285	317	396	440									
		N.m	2.81	4.69	7.04	8.53	11.27	13.53	15.4	17	22.6	25.6	28	31.1	38.8	43									
	180W	kg.cm	32.3	54	81	94.7	127.5	154.5	170	189	237	284	310	344	430	440									
		N.m	3.17	5.28	7.92	9.28	12.68	15.23	16.7	18.7	23.2	27.8	30.1	33.4	42.2	43									

- 轉速是以電動機的同步轉速爲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爲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 in2~15%.
- 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 ratiio 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

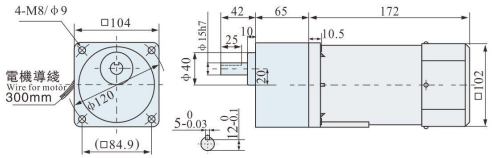
6IK160(180)A-AF　6RK160(180)A-AF
6IK160(180)A-CF　6RK160(180)A-CF
6IK160(180)A-YF　6RK160(180)A-YF



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

定速型 Optical axis type　齒輪品名 Name of Gear　6GU□K

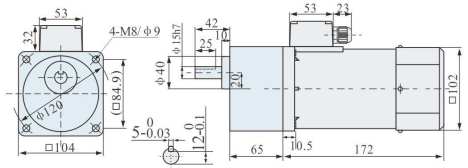
6IK160(180)GU-AF　6RK160(180)GU-AF
6IK160(180)GU-CF　6RK160(180)GU-CF
6IK160(180)GU-YF　6RK160(180)GU-YF



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

帶端子箱型 With terminal box type　齒輪品名 Name of Gear　6GU□K

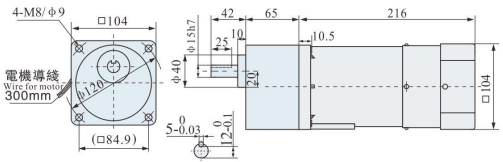
6IK160(180)GU-AFT　6RK160(180)GU-AFT
6IK160(180)GU-CFT　6RK160(180)GU-CFT
6IK160(180)GU-U(Y)FT　6RK160(180)GU-U(Y)FT
6IK160(180)GU-SFT　6RK160(180)GU-SFT



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

剎車定速型 Brake Optical axis type　齒輪品名 Name of Gear　6GU□K

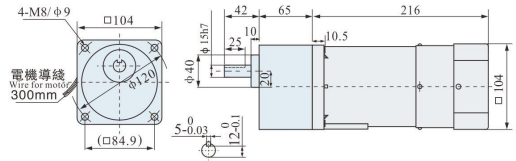
6IK160(180)GU-AFM　6RK160(180)GU-AFM
6IK160(180)GU-CFM　6RK160(180)GU-CFM
6IK160(180)GU-YFM　6RK160(180)GU-YFM



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

剎車調速型 Brake Speed regulation type　齒輪品名 Name of Gear　6GU□K

6IK160(180)RGU-AFM　6RK160(180)RGU-AFM
6IK160(180)RGU-CFM　6RK160(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 / 公司型號 JWD types	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	起動扭矩 Starting Torque gf.cm	額定扭矩 Rated Torque mN.m	額定扭矩 Rated Torque gf.cm	額定轉速 Rated Revolution r/min	電容容量/耐壓 Capacity/Ve μF/VAC
6IK200GU-CF 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
6RK200GU-CF 6RK200A-CF	可逆 Reversible 30min			50	1.55	1485	14850	1414	14140	1350	10/450
				60	1.5	1294	12940	1232	12320	1550	10/450
6IK200GU-AF 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
6RK200GU-AF 6RK200A-AF	可逆 Reversible 30min			50	3.0	1485	14850	1414	14140	1350	40/250
				60	2.8	1294	12940	1232	12320	1550	36/250
6IK200GU-UF 6IK200A-UF	—	200	三相 3-phase 380	50	0.9	1600	16000	1450	14500	1350	—
				60	0.87	1386	13860	1260	12600	1550	—
6RK200GU-SF 6RK200A-SF	—	200	三相 3-phase 220	50	1.15	1600	16000	1450	14500	1350	—
				60	1.1	1386	13860	1260	12600	1550	—
6IK250GU-CF 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
6RK250GU-CF 6RK250A-CF	可逆 Reversible 30min			50	1.6	2020	20200	1837	18370	1350	12/450
				60	1.55	1700	17000	1540	15400	1550	12/450
6IK250GU-AF 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
6RK250GU-AF 6RK250A-AF	可逆 Reversible 30min			50	3.3	2020	20200	1837	18370	1350	48/250
				60	3.2	1700	17000	1540	15400	1550	48/250
6RK250GU-UF 6RK250A-UF	—	250	三相 3-phase 380	50	1.3	2022	20220	1840	18400	1350	—
				60	1.2	1760	17600	1600	16000	1550	—
6RK250GU-SF 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

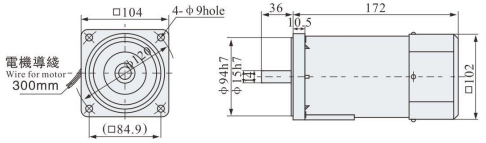
減速參數 Geared-down parameter	同步轉速r/mn Synchronous speed		500	300	200	150	120	100	85	75	60	50	40	37	30	25	20	15	12	10	8	7	6
	減速比i ratio		3	5	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	100	120	150	180	200	250
最大允許負載 Max allowable load	200W	kg.cm	39.4	66	89.8	119	149	180	214	239	299	358	392	435	440								
		N.m	3.86	6.44	8.8	11.7	14.5	17.6	21.0	23.4	29.3	35.1	38.4	42.6	43								
	250W	kg.cm	49.3	82.1	112	149	486	224	268	298	375	438	440										
		N.m	4.83	8.1	11	14.6	18.3	22	26.4	29.3	36.6	43	43										

- 轉速是以電動機的同步轉速爲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爲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 in2~15%.
- 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 ratiio 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

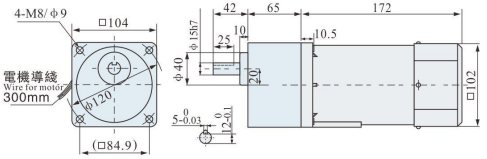
6IK200(250)A-AF 6RK200(250)A-AF
6IK200(250)A-CF 6RK200(250)A-CF
6IK200(250)A-YF 6RK200(250)A-YF



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

定速型 齒輪品名 6GU□K
Optical axis type Name of Gear

6IK200(250)GU-AF 6RK200(250)GU-AF
6IK200(250)GU-CF 6RK200(250)GU-CF
6IK200(250)GU-YF 6RK200(250)GU-YF

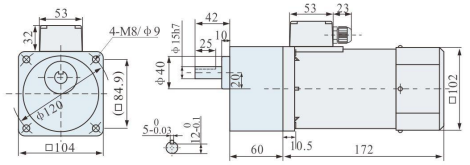


結構：減速器+電動機
重量：6.6kg
減速比：1:3-1:250

Structure：Reducer+Electric motor
Weight：6.6kg
Speed Reducing Ratio：1:3-1:250

帶端子箱型 齒輪品名 6GU□K
With terminal box type Name of Gear

6IK200(250)GU-AFT 6RK200(250)GU-AFT
6IK200(250)GU-CFT 6RK200(250)GU-CFT
6IK200(250)GU-U(Y)FT 6RK200(250)GU-U(Y)FT
6IK200(250)GU-SFT 6RK200(250)GU-SFT

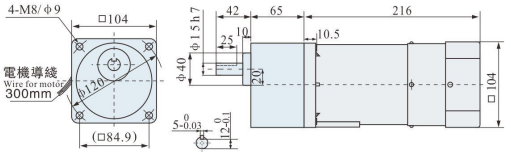


結構：減速器+電動機+端子箱
重量：6.7kg
減速比：1:3-1:250

Structure：Reducer+Electric motor+Terminal box
Weight：6.7kg
Speed Reducing Ratio：1:3-1:250

剎車定速型 齒輪品名 6GU□K
Brake Optical axis type Name of Gear

6IK200(250)GU-AFM 6RK200(250)GU-AFM
6IK200(250)GU-CFM 6RK200(250)GU-CFM
6IK200(250)GU-YFM 6RK200(250)GU-YFM

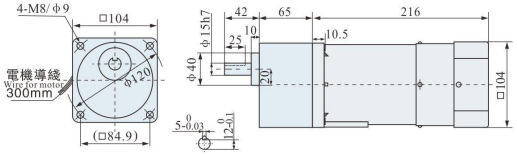


結構：減速器+電動機+剎車器
重量：7kg
減速比：1:3-1:250

Structure：Reducer+Electric motor+Brake
Weight：7kg
Speed Reducing Ratio：1:3-1:250

剎車調速型 齒輪品名 6GU□K
Brake Speed regulation type Name of Gear

6IK200(250)RGU-AFM 6RK200(250)RGU-AFM
6IK200(250)RGU-CFM 6RK200(250)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

370W

□100mm





電機特性
List of motor characteristics

電機型號 Motor model / 公司型號 JWD types	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	起動扭矩 Starting Torque gf.cm	額定扭矩 Rated Torque mN.m	額定扭矩 Rated Torque gf.cm	額定轉速 Rated Revolution r/min	電容容量/耐壓 Capacity/Ve μF/VAC
6IK370GU-CF 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
6RK370GU-CF 6RK370A-CF	可逆 Reversible 30min			50	2.3	2944	29440	2560	25660	1350	15/450
				60	2.1	2622	26220	2280	22880	1550	15/450
6IK370GU-AF 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
6RK370GU-AF 6RK370A-AF	可逆 Reversible 30min			50	3.0	2944	29440	2560	25660	1350	40/250
				60	2.8	2622	26220	2280	22880	1550	36/250
6IK370GU-UF 6IK370A-UF	——	370	三相 3-phase 380	50	1.4	3018	30180	2624	26240	1350	——
				60	1.2	2680	26800	2330	23300	1550	——
6RK370GU-SF 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%.

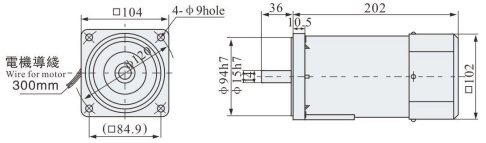
減速電機允許負載
Allowable load for the gear motor

減速參數 Geared-down parameter	同步轉速r/mn 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		3	5	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	100	120	150	180	200	250
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爲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爲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 in2~15%.
- 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 ratiio 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

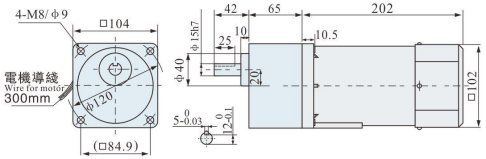
6IK370A-AF　6RK370A-AF
6IK370A-CF　6RK370A-CF
6IK370A-YF　6RK370A-YF



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

定速型 齒輪品名 6GU□K
Optical axis type　Name of Gear

6IK370CU-AF　6RK370CU-AF
6IK370GU-CF　6RK370GU-CF
6IK370GU-YF　6RK370GU-YF

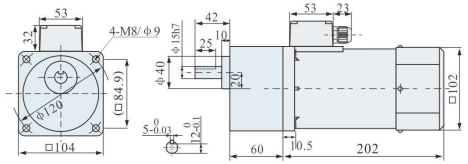


結構：減速器+電動機
重量：6.6kg
減速比：1:3-1:250

Structure：Reducer+Electric motor
Weight：6.6kg
Speed Reducing Ratio：1:3-1:250

帶端子箱型 齒輪品名 6GU□K
With terminal box type　Name of Gear

6IK370CU-AFT　6RK370CU-AFT
6IK370GU-CFT　6RK370GU-CFT
6IK370GU-U(Y)YF　6RK370GU-U(Y)YF
6IK370GU-SFT　6RK370GU-SFT

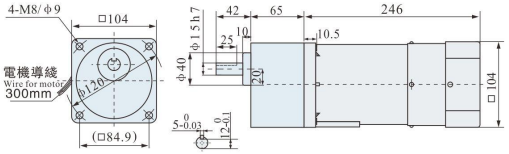


結構：減速器+電動機+端子箱
重量：6.7kg
減速比：1:3-1:250

Structure：Reducer+Electric motor+Terminal box
Weight：6.7kg
Speed Reducing Ratio：1:3-1:250

剎車定速型 齒輪品名 6GU□K
Brake Optical axis type　Name of Gear

6IK370CU-AFM　6RK370CU-AFM
6IK370GU-CFM　6RK370GU-CFM
6IK370GU-YFM　6RK370GU-YFM

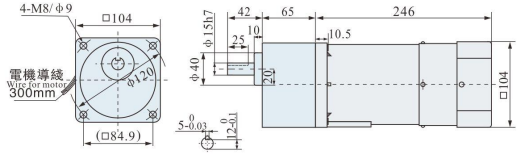


結構：減速器+電動機+剎車器
重量：7kg
減速比：1:3-1:250

Structure：Reducer+Electric motor+Brake
Weight：7kg
Speed Reducing Ratio：1:3-1:250

剎車調速型 齒輪品名 6GU□K
Brake Speed regulation type　Name of Gear

6IK370RCU-AFM　6RK370RCU-AFM
6IK370RGU-CFM　6RK370RGU-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

4	I	K	25	GN	A	□
外形尺寸 Overall Dimensions	機種 Kinds	馬達系列 Motor Series	出力 Output Force	馬達軸形狀 Motor Axis Shape	電壓極數 Voltage Poles	其它附件 Other Accessories
4:80mm 5:90mm 6:100mm	I:感應式 I: Inductive R:可逆式 R: Reversible T:轉矩馬達 T: Torque Motor	K系列 K Series	25=25W 30=30W 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 Toothing Axis (25W~40W moter) GU螺旋齒軸 (60W~250W馬達) GU Spiral Toothing Axis (60W~250W moter) 馬達軸形狀前加R爲調速馬達 Plus "R" before the axis shape of the motor stands for the speed regulation motor	A=1φ110V4P B=1φ110V2P C=1φ220V4P D=1φ220V2P S=3φ220V4P U=3φ380V4P W=3φ440V4P Y=3φ220/380V4P Z=3φ220/440V4P H=3φ380V2P	F:风扇 F: Fan M:电磁刹车 M:Electromagnetic Brake Z:机械阻尼 Z: mechanical damping T:接线盒 T: Terminal Box P:温度开关 P: Temperature Switch



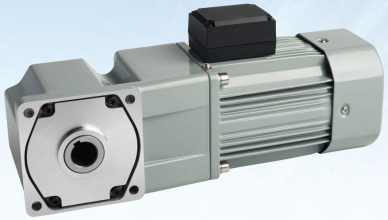
齒輪型號之選定
The selection for AC motor

4	GU	100	RC	K
外形尺寸 Overall Dimensions	齒輪種類 Kinds of Gears	減速比 Speed Reducing Ratio	出力軸種類 Type of output shaft	齒輪軸承種類 Kinds of Gear Bearings
3:70mm 4:80mm 5:90mm 6:100mm	GU 加强形齒輪箱 GU Reinforced Gear Box		RC:中空軸 RC:Hollow shaft RT:中實軸 RT:In the real axis	K=滚珠培林軸承 K= Ball Bearing

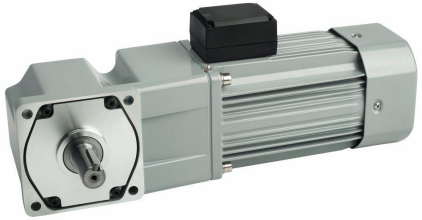


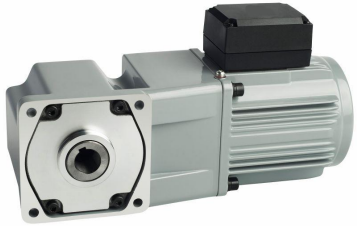






企业如家
团队至上
ENTERPRISE-HOME
TEAM FIRST









25/30W

□80mm



電機特性
List of motor characteristics

電機型號 Motor model / 公司型號 JWD types	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	起動扭矩 Starting Torque gf.cm	額定扭矩 Rated Torque mN.m	額定扭矩 Rated Torque gf.cm	額定轉速 Rated Revolution r/min	電容容量/耐壓 Capacity/Ve μF/VAC
4IK25GN-C 4IK25A-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
4RK25GN-C 4RK25A-C	可逆 Reversible 30min			50	0.24	231	2310	185	1850	1250	2/450
				60	0.26	192	1920	154	1540	1550	2/450
4IK25GN-A 4IK25A-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
4RK25GN-A 4RK25A-A	可逆 Reversible 30min			50	0.50	231	2310	185	1850	1250	8/250
				60	0.56	192	1920	154	1540	1550	8/250
4IK25GN-U 4IK25A-U	——	25	三相 3-phase 380	50	0.14	231	2310	185	1850	1250	——
				60	0.12	192	1920	154	1540	1550	——
4RK25GN-S 4RK25A-S	——	25	三相 3-phase 220	50	0.24	231	2310	185	1850	1250	——
				60	0.225	192	1920	154	1540	1550	——
4IK30GN-C 4IK30A-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
4RK30GN-C 4RK30A-C	可逆 Reversible 30min			50	0.3	275	2750	220	2200	1250	2.5/450
				60	0.32	231	2310	185	1850	1550	2.5/450
4IK30GN-A 4IK30A-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
4RK30GN-A 4RK30A-A	可逆 Reversible 30min			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/mn Synchronous speed		500	300	250	200	150	120	100	83	75	60	50	40	35	30	25	20	15	12	10	8	7	6	5
	減速比i ratio		3	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	100	120	150	180	200	250	300
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爲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爲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 in2~15%.
- 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 ratiio 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

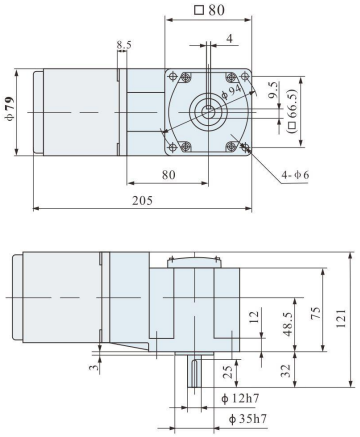


型號:4GU □RT-K　Model:4GU □RT-K
速比:1:10~1500　Gear ratio:1:10~1500

80型 CAD 尺寸
Model 80 CAD size

組合：定速電機+直角中實減速箱
減速比：1:10_1500
質量：3.4kg

Combination: fixed speed motor + right angle solid reduction gear box
Deceleration ratio: 1:10~1500
Mass: 3.4kg





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

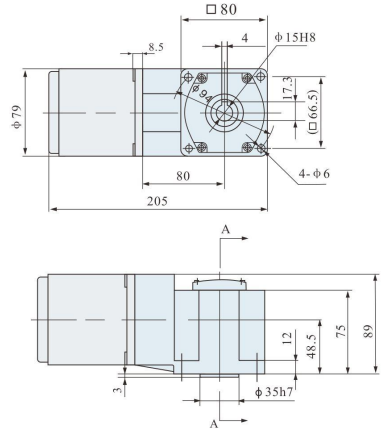


型號:4GU □RC-K　Model:4GU □RC-K
速比:1:10~1500　Gear ratio:1:10~1500

80型 CAD 尺寸
Model 80 CAD size

組合：定速電機+直角中空減速箱
減速比：1:10_1500
質量：3.3kg

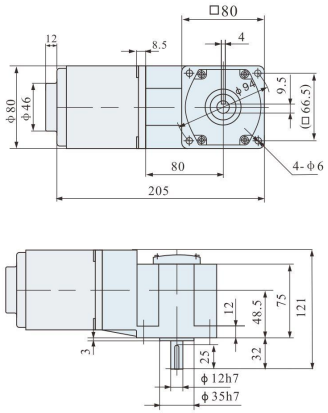
Combination: fixed speed motor + right angle hollow reduction gear box
Deceleration ratio: 1:10~1500
Mass: 3.3kg



80型 CAD 尺寸
Model 80 CAD size

組合：調速電機+直角中實減速箱
減速比：1:10_1500
質量：3.5kg

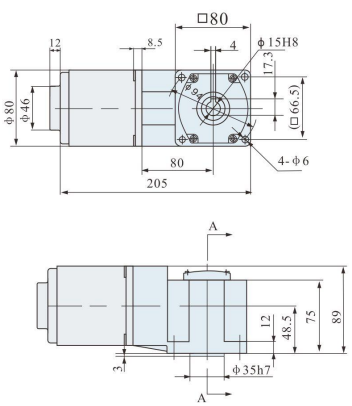
Combination: adjustable speed motor + right angle solid reduction gear box
Deceleration ratio: 1:10~1500
Mass: 3.5kg



80型 CAD 尺寸
Model 80 CAD size

組合：調速電機+直角中空減速箱
減速比：1:10_1500
質量：3.4kg

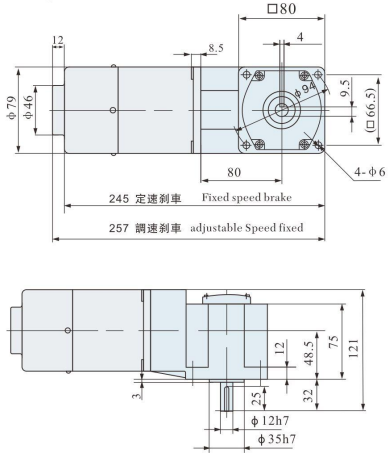
Combination: adjustable speed motor + right angle hollow deceleration gear box
Deceleration ratio: 1:10~1500
Mass: 3.4kg



80型 CAD 尺寸
Model 80 CAD size

組合：剎車定速/調速電機+直角中實減速箱
減速比：1:10_1500
質量：3.8kg

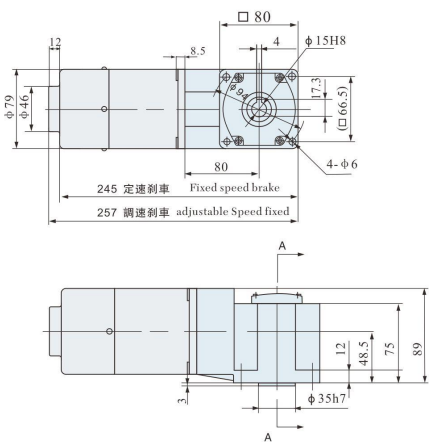
Combination: fixed speed / adjustable speed brake motor + right angle solid deceleration gear box
Deceleration ratio: 1:10~1500
Mass: 3.8 kg



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
減速比：1:10_1500
質量：3.7kg

Combination: fixed speed / adjustable speed brake motor + right angle hollow deceleration gear box
Deceleration ratio: 1:10~1500
Mass: 3.7kg



40W
□90mm





電機特性
List of motor characteristics

電機型號 Motor model / 公司型號 JWD types	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	起動扭矩 Starting Torque gf.cm	額定扭矩 Rated Torque mN.m	額定扭矩 Rated Torque gf.cm	額定轉速 Rated Revolution r/min	電容容量/耐壓 Capacity/Ve μF/VAC
5IK40GN-C 5IK40A-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
5RK40GN-C 5RK40A-C	可逆 Reversible 30min			50	0.38	367	3670	294	2940	1300	3.0/450
				60	0.4	307	3070	246	2460	1550	3.0/450
5IK40GN-A 5IK40A-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
5RK40GN-A 5RK40A-A	可逆 Reversible 30min			50	0.76	367	3670	294	2940	1300	12/250
				60	0.80	307	3070	246	2460	1550	12/250
5IK40GN-U 5IK40A-U	——	40	三相 3-phase 380	50	0.24	367	3670	294	2940	1300	——
				60	0.22	307	3070	246	2460	1550	——
5RK40GN-S 5RK40A-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/mn 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		3	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	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爲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爲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 in2~15%.
- 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 ratiio 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



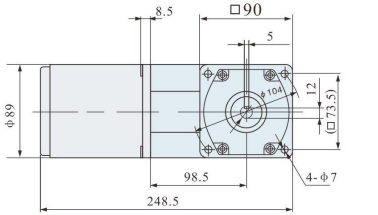
型号:5GU □RT-K
速比:1:10~1500

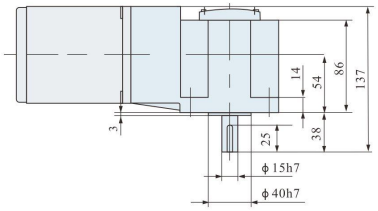
Model:5GU □RT-K
Gear ratio:1:10~1500

90型 CAD 尺寸
Model 90 CAD size

組合：定速電機+直角中實減速箱
減速比：1:10_1500
質量：5.3kg

Combination: fixed speed motor + right angle solid reduction gear box
Deceleration ratio: 1:10~1500
Mass: 5.3kg







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



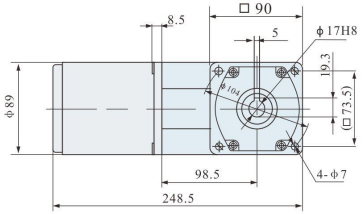
型号:5GU □RC-K
速比:1:10~1500

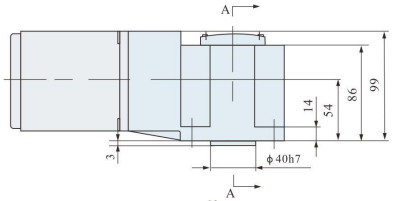
Model:5GU □RC-K
Gear ratio:1:10~1500

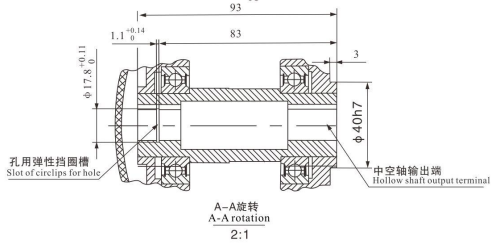
90型 CAD 尺寸
Model 90 CAD size

組合：定速電機+直角中空減速箱
減速比：1:10_1500
質量：5.2kg

Combination: fixed speed motor + right angle hollow reduction gear box
Deceleration ratio: 1:10~1500
Mass: 5.2kg



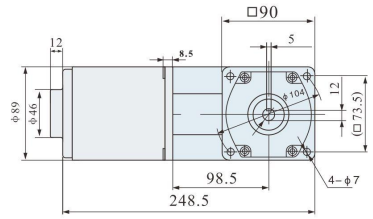


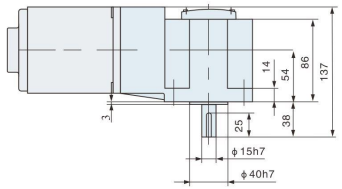


90型 CAD 尺寸
Model 90 CAD size

組合：調速電機+直角中實減速箱
減速比：1:10_1500
質量：5.4kg

Combination: adjustable speed motor + right angle solid reduction gear box
Deceleration ratio: 1:10~1500
Mass: 5.4kg

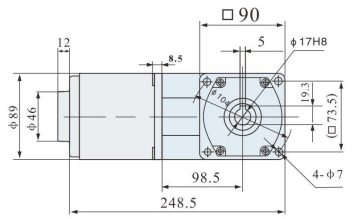


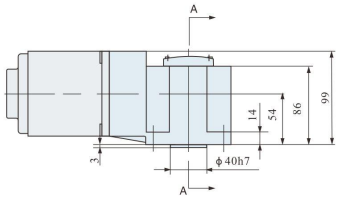


90型 CAD 尺寸
Model 90 CAD size

組合：調速電機+直角中空減速箱
減速比：1:10_1500
質量：5.3kg

Combination: adjustable speed motor + right angle hollow deceleration gear box
Deceleration ratio: 1:10~1500
Mass: 5.3kg

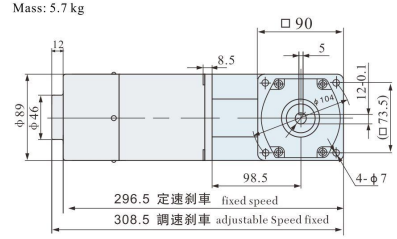


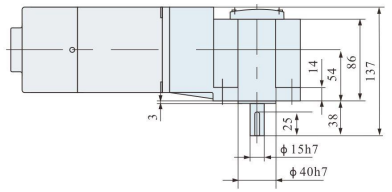


90型 CAD 尺寸
Model 90 CAD size

組合：剎車定速/調速電機+直角中實減速箱
減速比：1:10_1500
質量：5.7kg

Combination: fixed speed / adjustable speed brake motor + right angle solid deceleration gear box
Deceleration ratio: 1:10~1500
Mass: 5.7 kg

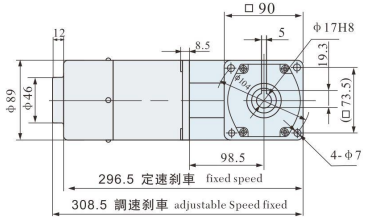


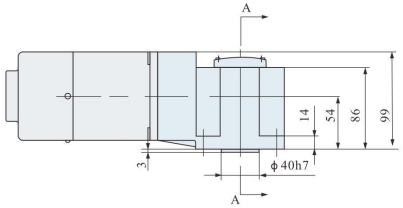


90型 CAD 尺寸
Model 90 CAD size

組合：剎車定速/調速電機+直角中空減速箱
減速比：1:10_1500
質量：5.6kg

Combination: fixed speed / adjustable speed brake motor + right angle hollow deceleration gear box
Deceleration ratio: 1:10~1500
Mass: 5.6kg





60W

□90mm





電機特性
List of motor characteristics

電機型號 Motor model / 公司型號 JWD types	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	起動扭矩 Starting Torque gf.cm	額定扭矩 Rated Torque mN.m	額定扭矩 Rated Torque gf.cm	額定轉速 Rated Revolution r/min	電容容量/耐壓 Capacity/Ve μF/VAC
5IK60GU-CF 5IK60A-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
5RK60GU-CF 5RK60A-CF	可逆 Reversible 30min			50	0.5	837	8370	670	6700	1350	4/450
				60	0.52	692	6920	554	5540	1550	4/450
5IK60GU-AF 5IK60A-AF	感應 Induction	60	單相 1-phase 110	50	0.90	551	5510	441	4410	1350	14/250
				60	0.88	462	4620	370	3700	1550	14/250
5RIK60GU-AF 5RK60A-AF	可逆 Reversible 30min			50	1.0	837	8370	670	6700	1350	16/250
				60	1.2	692	6920	554	5540	1550	16/250
5IK60GU-UF 5IK60A-UF	——	60	三相 3-phase 380	50	0.30	551	5510	441	4410	1350	——
				60	0.28	462	4620	370	3700	1550	——
5RK60GU-SF 5RK60A-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%.

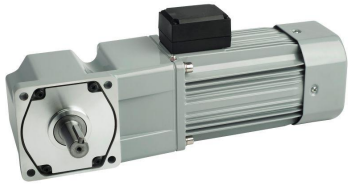
減速電機允許負載
Allowable load for the gear motor

減速參數 Geared-down parameter	同步轉速r/mn Synchronous speed	500	375	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	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爲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爲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 in2~15%.
- 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 ratiio 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

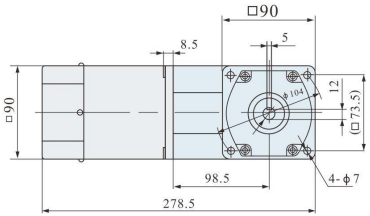


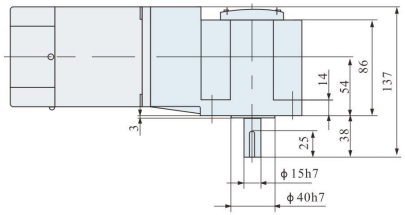
型号:5GU □RT-K Model:5GU □RT-K
速比:1:10~1500 Gear ratio:1:10~1500

90型 CAD 尺寸
Model 90 CAD size

組合：定速電機+直角中實減速箱
減速比：1:10_1500
質量：5.4kg

Combination: fixed speed motor + right angle solid reduction gear box
Deceleration ratio: 1:10~1500
Mass: 5.4kg







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

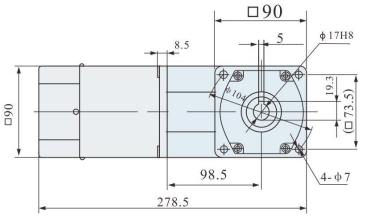


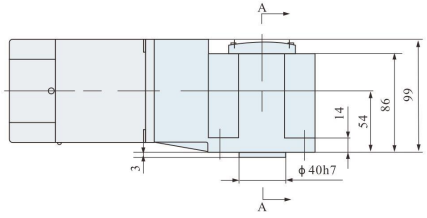
型号:5GU □ RC-K Model:5GU □RC-K
速比:1:10~1500 Gear ratio:1:10~1500

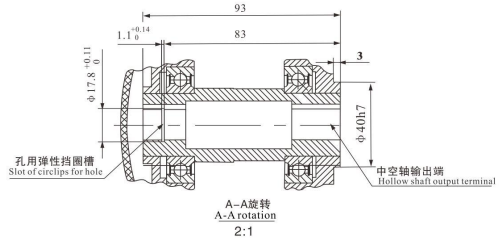
90型 CAD 尺寸
Model 90 CAD size

組合：定速電機+直角中空減速箱
減速比：1:10_1500
質量：5.3kg

Combination: fixed speed motor + right angle hollow reduction gear box
Deceleration ratio: 1:10~1500
Mass: 5.3kg



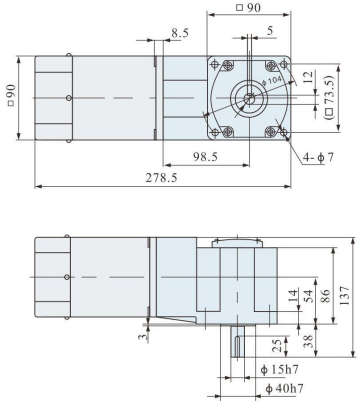




90型 CAD 尺寸
Model 90 CAD size

組合：調速電機+直角中實減速箱
減速比：1:10_1500
質量：5.5kg

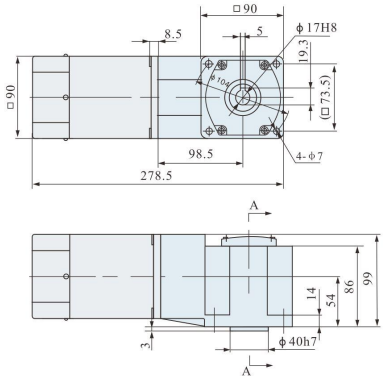
Combination: adjustable speed motor + right angle solid reduction gear box
Deceleration ratio: 1:10~1500
Mass: 5.5kg



90型 CAD 尺寸
Model 90 CAD size

組合：調速電機+直角中空減速箱
減速比：1:10_1500
質量：5.4kg

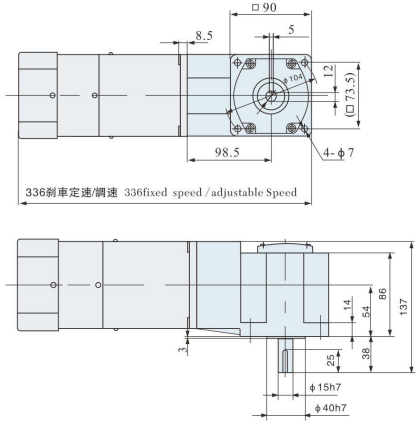
Combination: adjustable speed motor + right angle hollow deceleration gear box
Deceleration ratio: 1:10~1500
Mass: 5.4kg



90型 CAD 尺寸
Model 90 CAD size

組合：刹車定速/調速電機+直角中實減速箱
減速比：1:10_1500
質量：6.1kg

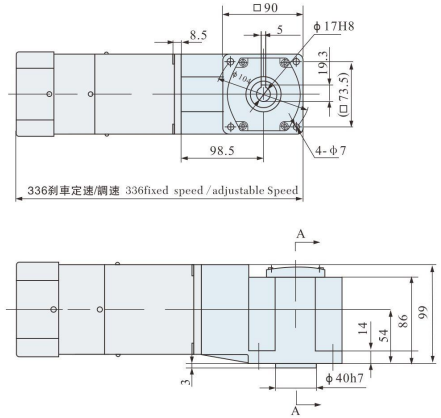
Combination: fixed speed / adjustable speed brake motor
+ right angle solid deceleration gear box
Deceleration ratio: 1:10~1500
Mass: 6.1 kg



90型 CAD 尺寸
Model 90 CAD size

組合：刹車定速/調速電機+直角中空減速箱
減速比：1:10_1500
質量：6kg

Combination: fixed speed / adjustable speed brake motor +
right angle hollow deceleration gear box
Deceleration ratio: 1:10~1500
Mass: 6kg



90/120W

□90mm





電機特性
List of motor characteristics

電機型號 Motor model / 公司型號 JWD types	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	起動扭矩 Starting Torque gf.cm	額定扭矩 Rated Torque mN.m	額定扭矩 Rated Torque gf.cm	額定轉速 Rated Revolution r/min	電容容量/耐壓 Capacity/Ve μF/VAC
5IK90GU-CF 5IK90A-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
5RK90GU-CF 5RK90A-CF	可逆 Reversible 30min			50	0.68	837	8370	670	6700	1350	6/450
				60	0.72	692	6920	554	5540	1550	6/450
5IK90GU-AF 5IK90A-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
5RK90GU-AF 5RK90A-AF	可逆 Reversible 30min			50	1.38	837	8370	670	6700	1350	24/250
				60	1.5	692	6920	554	5540	1550	24/250
5IK90GU-UF 5IK90A-UF	——	90	三相 3-phase 380	50	0.32	837	8370	670	6700	1350	——
				60	0.3	692	6920	554	5540	1500	——
5RK90GU-SF 5RK90A-SF	——	90	三相 3-phase 220	50	0.55	837	8370	670	6700	1350	——
				60	0.48	692	6920	554	5540	1500	——
5IK120GU-CF 5IK120A-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
5RK120GU-CF 5RK120A-CF	可逆 Reversible 30min			50	0.95	1137	11370	910	9100	1350	8/450
				60	1.0	955	9550	764	7640	1500	8/450
5IK120GU-AF 5IK120A-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
5RK120GU-AF 5RK120A-AF	可逆 Reversible 30min			50	1.9	1137	11370	910	9100	1350	30/250
				60	2.1	955	9550	764	7640	1500	30/250
5RK120GU-UF 5RK120A-UF	——	120	三相 3-phase 380	50	0.34	1137	11370	910	9100	1350	——
				60	0.31	955	9550	764	7640	1500	——
5RK120GU-SF 5RK120A-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/mn Synchronous speed		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
	減速比i ratio		3	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	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	87.57	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爲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爲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 in2~15%.
- 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 ratiio 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



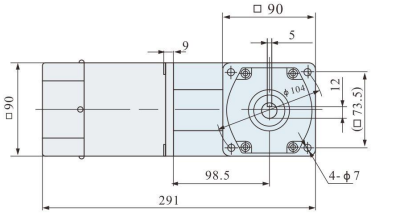
型号:5GU □RT-K
速比:1:10~1500

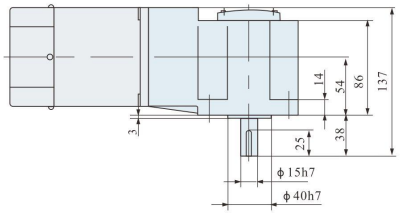
Model:5GU□ RT-K
Gear ratio:1:10~1500

90型 CAD 尺寸
Model 90 CAD size

組合：定速電機+直角中實減速箱
減速比：1:10_1500
質量：5.9kg

Combination: fixed speed motor + right angle solid reduction gear box
Deceleration ratio: 1:10~1500
Mass: 5.9kg







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



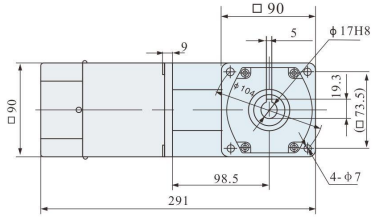
型号:5GU □RC-K
速比:1:10~1500

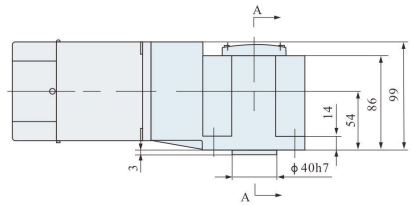
Model:5GU□ RC-K
Gear ratio:1:10~1500

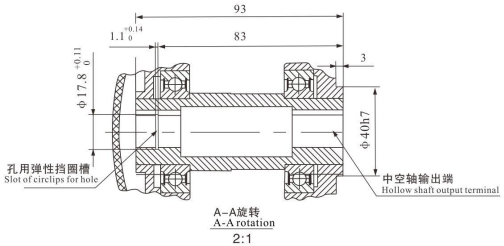
90型 CAD 尺寸
Model 90 CAD size

組合：定速電機+直角中空減速箱
減速比：1:10_1500
質量：5.8kg

Combination: fixed speed motor + right angle hollow reduction gear box
Deceleration ratio: 1:10~1500
Mass: 5.8kg



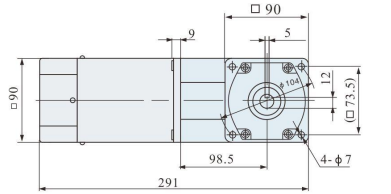


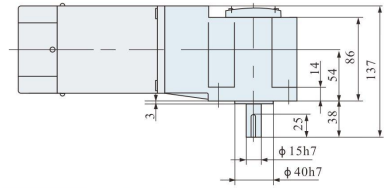


90型 CAD 尺寸
Model 90 CAD size

組合：調速電機+直角中實減速箱
減速比：1:10_1500
質量：6kg

Combination: adjustable speed motor + right angle solid reduction gear box
Deceleration ratio: 1:10~1500
Mass: 6kg

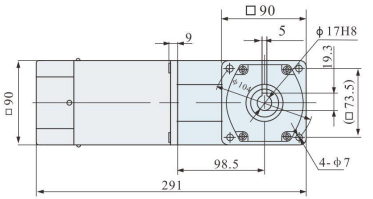


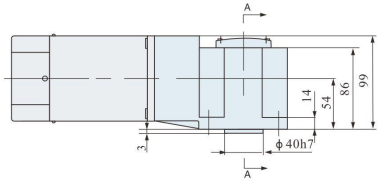


90型 CAD 尺寸
Model 90 CAD size

組合：調速電機+直角中空減速箱
減速比：1:10_1500
質量：5.9kg

Combination: adjustable speed motor + right angle hollow deceleration gear box
Deceleration ratio: 1:10~1500
Mass: 5.9kg

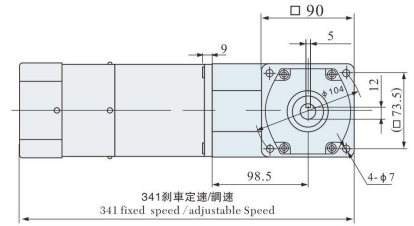


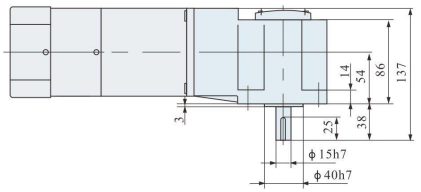


90型 CAD 尺寸
Model 90 CAD size

組合：剎車定速/調速電機+直角中實減速箱
減速比：1:10_1500
質量：6.6kg

Combination: fixed speed / adjustable speed brake motor
+ right angle solid deceleration gear box
Deceleration ratio: 1:10~1500
Mass: 6.6 kg

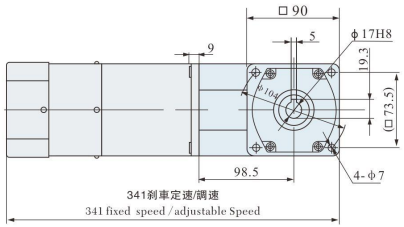


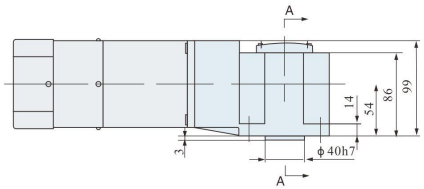


90型 CAD 尺寸
Model 90 CAD size

組合：剎車定速/調速電機+直角中空減速箱
減速比：1:10_1500
質量：6.5kg

Combination: fixed speed / adjustable speed brake motor +
right angle hollow deceleration gear box
Deceleration ratio: 1:10~1500
Mass: 6.5kg





120/140W

□100mm





電機特性
List of motor characteristics

電機型號 Motor model / 公司型號 JWD types	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	起動扭矩 Starting Torque gf.cm	額定扭矩 Rated Torque mN.m	額定扭矩 Rated Torque gf.cm	額定轉速 Rated Revolution r/min	電容容量/耐壓 Capacity/Ve μF/VAC
6IK120GU-CF 6IK120A-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
6RK120GU-CF 6RK120A-CF	可逆 Reversible 30min			50	1.2	1575	15750	1260	12600	1350	8/450
				60	1.4	1225	12250	980	9800	1550	8/450
6IK120GU-AF 6IK120A-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
6RK120GU-AF 6RK120A-AF	可逆 Reversible 30min			50	1.8	1575	15750	1260	12600	1350	32/250
				60	2.0	1225	12250	980	9800	1550	32/250
6IK120GU-UF 6IK120A-UF	——	120	三相 3-phase 380	50	0.46	1100	11000	880	8800	1350	——
				60	0.42	925	9250	740	7400	1550	——
6RK120GU-SF 6RK120A-SF	——	120	三相 3-phase 220	50	0.8	1100	11000	880	8800	1350	——
				60	0.73	925	9250	740	7400	1550	——
6IK140GU-CF 6IK140A-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
6RK140GU-CF 6RK140A-CF	可逆 Reversible 30min			50	1.3	1285	12850	1028	10280	1350	10/450
				60	1.43	1078	10780	863	8630	1550	10/450
6IK140GU-AF 6IK140A-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
6RK140GU-AF 6RK140A-AF	可逆 Reversible 30min			50	2.2	1285	12850	1028	10280	1350	40/250
				60	2.4	1078	10780	863	8630	1550	32/250
6RK140GU-UF 6RK140A-UF	——	140	三相 3-phase 380	50	0.55	1285	12850	1028	10280	1350	——
				60	0.46	1078	10780	863	8630	1550	——
6RK140GU-SF 6RK140A-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/mn Synchronous speed		500	300	200	150	120	100	83	75	60	50	41	37	30	25	20	15	12	10	8	7	6	5	3
	減速比i ratio		3	5	7.5	10	12.5	15	18	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	120W	kg.cm	21.5	36	54	69.8	85	103	125	139	172	209	226	251	315										
		N.m	2.11	3.52	5.28	6.85	8.45	10.2	12.3	13.6	16.9	20.5	22.14	24.6	31										
	140W	kg.cm	25.1	42	63	73.5	99.2	120	132	147	200.7	221	238	265	330										
		N.m	2.46	4.11	6.16	8.02	9.86	11.8	13	14.4	19.73	21.7	23.4	26	32.5										

- 轉速是以電動機的同步轉速爲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爲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 in2~15%.
- 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 ratiio 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 / 公司型號 JWD types	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	起動扭矩 Starting Torque gf.cm	額定扭矩 Rated Torque mN.m	額定扭矩 Rated Torque gf.cm	額定轉速 Rated Revolution r/min	電容容量/耐壓 Capacity/Ve μF/VAC
6IK160GU-CF 6IK160A-CF	感應 Induction	160	單相 1-phase 220	50	1.25	1575	15750	1260	12600	1350	8/450
				60	1.24	1225	12250	980	9800	1550	8/450
6RK160GU-CF 6RK160A-CF	可逆 Reversible 30min			50	1.4	1575	15750	1260	12600	1350	10/450
				60	1.46	1225	12250	980	9800	1550	10/450
6IK160GU-AF 6IK160A-AF	感應 Induction	160	單相 1-phase 110	50	2.4	1575	15750	1260	12600	1350	32/250
				60	2.2	1225	12250	980	9800	1550	30/250
6RK160GU-AF 6RK160A-AF	可逆 Reversible 30min			50	2.6	1575	15750	1260	12600	1350	40/250
				60	2.8	1225	12250	980	9800	1550	36/250
6IK160GU-UF 6IK160A-UF	——	160	三相 3-phase 380	50	0.55	1468	14680	1175	11750	1350	——
				60	0.50	1232	12320	986	9860	1550	——
6RK160GU-SF 6RK160A-SF	——	160	三相 3-phase 220	50	0.95	1468	14680	1175	11750	1350	——
				60	0.86	1232	12320	986	9860	1550	——
6IK180GU-CF 6IK180A-CF	感應 Induction	180	單相 1-phase 220	50	1.50	1837	18370	1470	14700	1350	10/450
				60	1.46	1540	15400	1232	12320	1550	10/450
6RK180GU-CF 6RK180A-CF	可逆 Reversible 30min			50	1.50	1837	18370	1470	14700	1350	12/450
				60	1.46	1540	15400	1232	12320	1550	12/450
6IK180GU-AF 6IK180A-AF	感應 Induction	180	單相 1-phase 110	50	2.8	1837	18370	1470	14700	1350	40/250
				60	2.6	1540	15400	1232	12320	1550	40/250
6RK180GU-AF 6RK180A-AF	可逆 Reversible 30min			50	2.8	1837	18370	1470	14700	1350	48/250
				60	2.6	1540	15400	1232	12320	1550	48/250
6RK180GU-UF 6RK180A-UF	——	180	三相 3-phase 380	50	0.80	1825	18250	1460	14600	1350	——
				60	0.75	1475	14750	1180	11800	1550	——
6RK180GU-SF 6RK180A-SF	——	180	三相 3-phase 220	50	1.05	1825	18250	1460	14600	1350	——
				60	1.0	1475	14750	1180	11800	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/mn Synchronous speed		500	300	200	150	120	100	83	75	60	50	41	37	30	25	20	15	12	10	8	7	6	5	3
	減速比i ratio		3	5	7.5	10	12.5	15	18	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	160W	kg.cm	28.7	48	72	87	113.3	137.3	157	174	229	261	285	317	396	440									
		N.m	2.81	4.69	7.04	8.53	11.27	13.53	15.4	17	22.6	25.6	28	31.1	38.8	43									
	180W	kg.cm	32.3	54	81	94.7	127.5	154.5	170	189	237	284	310	344	430	440									
		N.m	3.17	5.28	7.92	9.28	12.68	15.23	16.7	18.7	23.2	27.8	30.1	33.4	42.2	43									

- 轉速是以電動機的同步轉速爲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爲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 in2~15%.
- 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 ratiio 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 / 公司型號 JWD types	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	起動扭矩 Starting Torque gf.cm	額定扭矩 Rated Torque mN.m	額定扭矩 Rated Torque gf.cm	額定轉速 Rated Revolution r/min	電容容量/耐壓 Capacity/Ve μF/VAC
6IK200GU-CF 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
6RK200GU-CF 6RK200A-CF	可逆 Reversible 30min			50	1.55	1485	14850	1414	14140	1350	10/450
				60	1.5	1294	12940	1232	12320	1550	10/450
6IK200GU-AF 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
6RK200GU-AF 6RK200A-AF	可逆 Reversible 30min			50	3.0	1485	14850	1414	14140	1350	40/250
				60	2.8	1294	12940	1232	12320	1550	36/250
6IK200GU-UF 6IK200A-UF	—	200	三相 3-phase 380	50	0.9	1600	16000	1450	14500	1350	—
				60	0.87	1386	13860	1260	12600	1550	—
6RK200GU-SF 6RK200A-SF	—	200	三相 3-phase 220	50	1.15	1600	16000	1450	14500	1350	—
				60	1.1	1386	13860	1260	12600	1550	—
6IK250GU-CF 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
6RK250GU-CF 6RK250A-CF	可逆 Reversible 30min			50	1.6	2020	20200	1837	18370	1350	12/450
				60	1.55	1700	17000	1540	15400	1550	12/450
6IK250GU-AF 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
6RK250GU-AF 6RK250A-AF	可逆 Reversible 30min			50	3.3	2020	20200	1837	18370	1350	48/250
				60	3.2	1700	17000	1540	15400	1550	48/250
6RK250GU-UF 6RK250A-UF	—	250	三相 3-phase 380	50	1.3	2022	20220	1840	18400	1350	—
				60	1.2	1760	17600	1600	16000	1550	—
6RK250GU-SF 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/mn 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		3	5	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	100	120	150	180	200	250
最大允許負載 Max allowable load	200W	kg.cm / N.m	39.4 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 / N.m	49.3 4.83	82.1 8.1	112 11	149 14.6	486 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爲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爲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 in2~15%.
- 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 ratiio 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 / 公司型號 JWD types	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	起動扭矩 Starting Torque gf.cm	額定扭矩 Rated Torque mN.m	額定扭矩 Rated Torque gf.cm	額定轉速 Rated Revolution r/min	電容容量/耐壓 Capacity/Ve μF/VAC
6IK370GU-CF 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
6RK370GU-CF 6RK370A-CF	可逆 Reversible 30min			50	2.3	2944	29440	2560	25660	1350	15/450
				60	2.1	2622	26220	2280	22880	1550	15/450
6IK370GU-AF 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
6RK370GU-AF 6RK370A-AF	可逆 Reversible 30min			50	3.0	2944	29440	2560	25660	1350	40/250
				60	2.8	2622	26220	2280	22880	1550	36/250
6IK370GU-UF 6IK370A-UF	—	370	三相 3-phase 380	50	1.4	3018	30180	2624	26240	1350	—
				60	1.2	2680	26800	2330	23300	1550	—
6RK370GU-SF 6RK370A-SF	—	370	三相 3-phase 220	50	2.5	3018	30180	2624	26240	1350	—
				60	2.0	2680	26800	2330	23300	1550	—

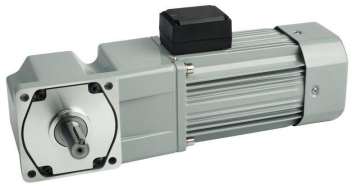
- 上表參數是指電機單體，不附加任何負荷裝置。
- 電機額定轉速、額定電流允許在±5%範圍內變動。
- Parameters in above table refer to motor alone,without any load device.
- Permissible change in rated speed and rated current of the motor is within the range of ±5%.

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/mn 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		3	5	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	100	120	150	180	200	250
最大允許負載 Max allowable load	370W	kg.cm / N.m	62.2 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爲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爲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 in2~15%.
- 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 ratiio 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



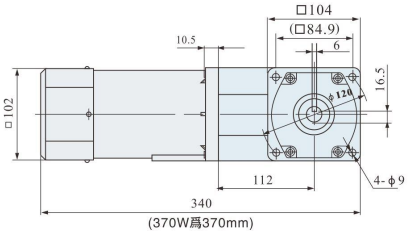
型号:6GU □RT-K
速比:1:10~1500

Model:6GU□ RT-K
Gear ratio:1:10~1500

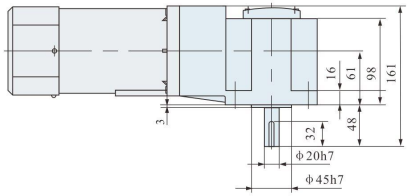
100型 CAD 尺寸
Model 100 CAD size

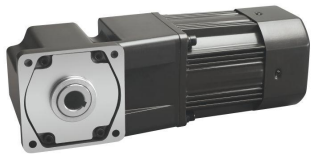
組合：定速電機+直角中實減速箱
減速比：1:10_1500
質量：8.8kg

Combination: fixed speed motor + right angle solid reduction gear box
Deceleration ratio: 1:10~1500
Mass: 8.8kg



(370W爲370mm)





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



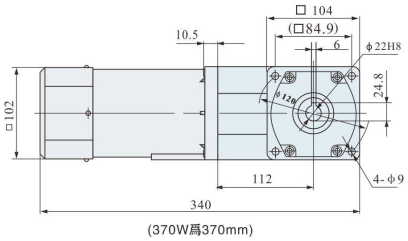
型号:6GU □RC-K
速比:1:10~1500

Model:6GU□ RC-K
Gear ratio:1:10~1500

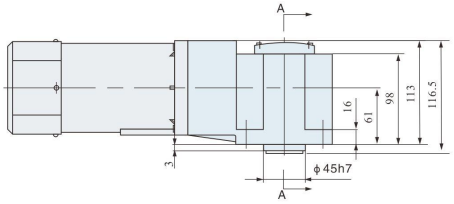
100型 CAD 尺寸
Model 100 CAD size

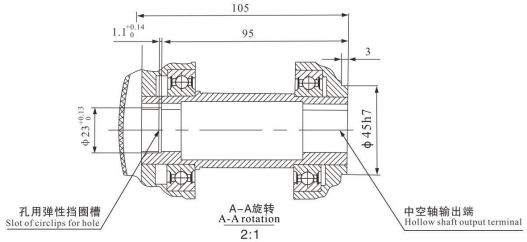
組合：定速電機+直角中空減速箱
減速比：1:10_1500
質量：8.7kg

Combination: fixed speed motor + right angle hollow reduction gear box
Deceleration ratio: 1:10~1500
Mass: 8.7kg



(370W爲370mm)

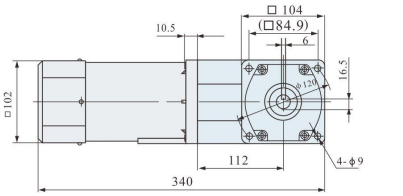




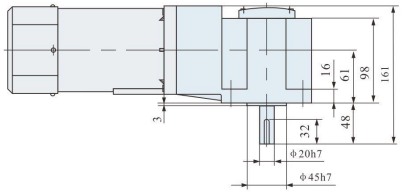
100型 CAD 尺寸
Model 100 CAD size

組合：調速電機+直角中實減速箱
減速比：1:10_1500
質量：8.9kg

Combination: adjustable speed motor + right angle solid reduction gear box
Deceleration ratio: 1:10~1500
Mass: 8.9kg



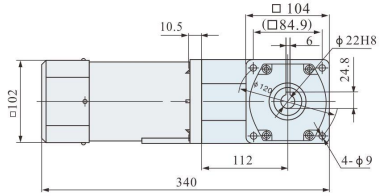
(370W爲370mm)



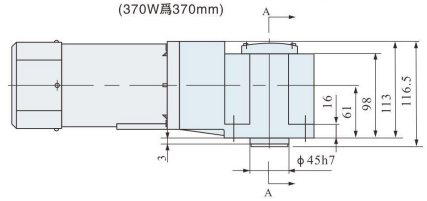
100型 CAD 尺寸
Model 100 CAD size

組合：調速電機+直角中空減速箱
減速比：1:10_1500
質量：8.8kg

Combination: adjustable speed motor + right angle hollow deceleration gear box
Deceleration ratio: 1:10~1500
Mass:8.8kg



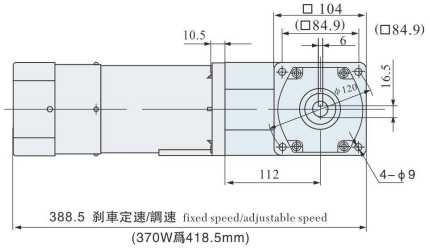
(370W爲370mm)



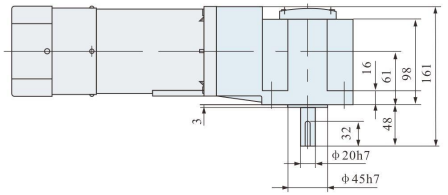
100型 CAD 尺寸
Model 100 CAD size

組合：剎車定速/調速電機+直角中實減速箱
減速比：1:10_1500
質量：9.5kg

Combination: fixed speed / adjustable speed brake motor
+ right angle solid deceleration gear box
Deceleration ratio: 1:10~1500
Mass: 9.5 kg



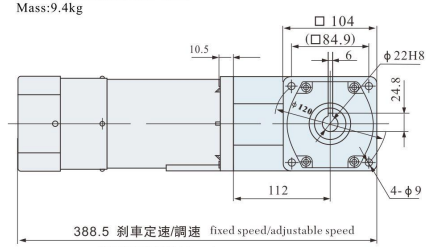
(370W爲418.5mm)



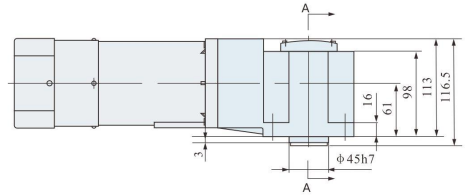
100型 CAD 尺寸
Model 100 CAD size

組合：剎車定速/調速電機+直角中空減速箱
減速比：1:10_1500
質量：9.4kg

Combination: fixed speed / adjustable speed brake motor +
right angle hollow deceleration gear box
Deceleration ratio: 1:10~1500
Mass:9.4kg



(370W爲418.5mm)



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



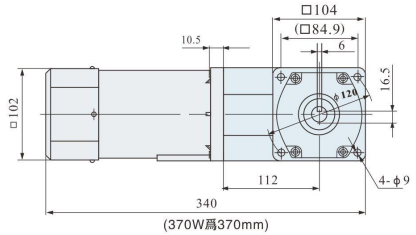
型号:6GU □RT-K
速比:1:10~1500

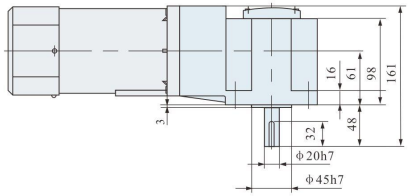
Model:6GU□ RT-K
Gear ratio:1:10~1500

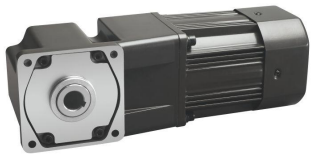
100型 CAD 尺寸
Model 100 CAD size

組合：定速電機+直角中實減速箱
減速比：1:10_1500
質量：8.8kg

Combination: fixed speed motor + right angle solid reduction gear box
Deceleration ratio: 1:10~1500
Mass: 8.8kg







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



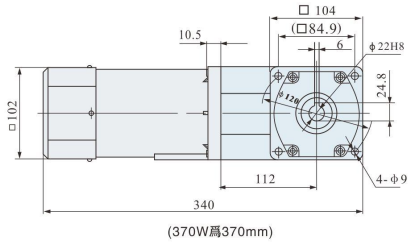
型号:6GU □RC-K
速比:1:10~1500

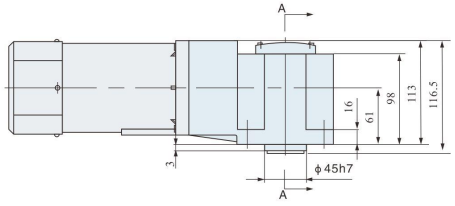
Model:6GU□ RC-K
Gear ratio:1:10~1500

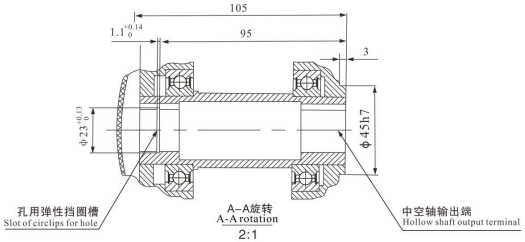
100型 CAD 尺寸
Model 100 CAD size

組合：定速電機+直角中空減速箱
減速比：1:10_1500
質量：8.7kg

Combination: fixed speed motor + right angle hollow reduction gear box
Deceleration ratio: 1:10~1500
Mass: 8.7kg

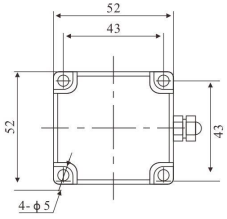


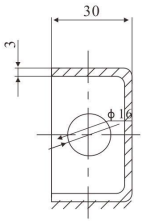




接綫盒種類
Type of junction box

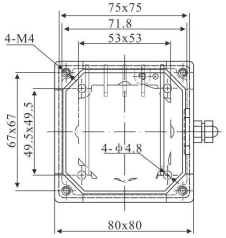
防水接綫盒 Waterproof junction box

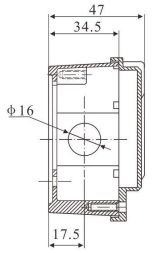






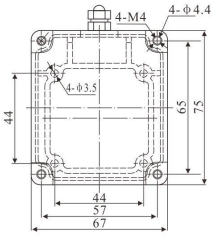
D型接綫盒 D type junction box

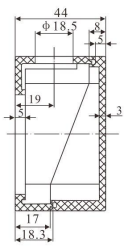






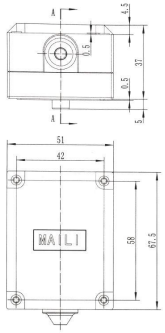
SX型接綫盒 SX type junction box

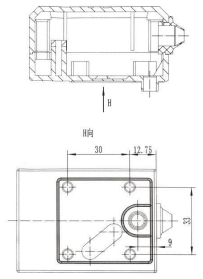






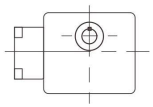
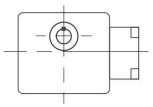
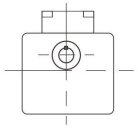
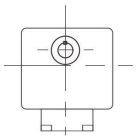
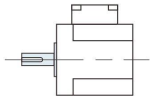
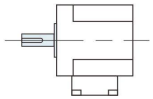
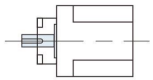
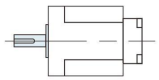
ML接綫盒 ML junction box



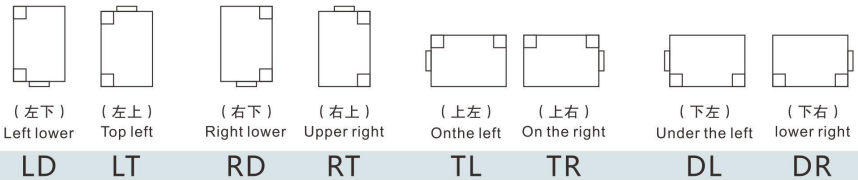


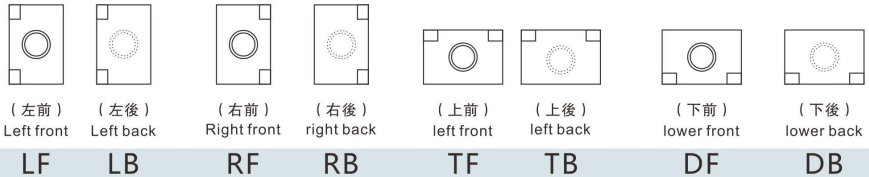


微特馬達配綫盒方向選定
Micro motor wiring box direction selected

TYPE	G1–左方向 LEFT SIDE	G2–右方向 RIGHT SIDE	G3–上方向 UPPER SIDE	G4–下方向 LOWER SIDE
平行軸 Parallel axis				
	G1	G2	G3	G4
直交軸 Orthogonal axis				
	G1	G2	G3	G4

入綫口方向
Wire inlet direction





二極電機
Two-pole motor

電機性能參數 Motor performance parameter

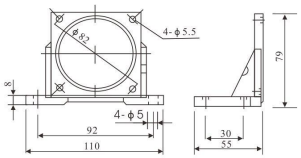
機種 Kinds / 圓軸 Circular Axis	出力 Output Force (W)	電壓 Voltage (V)	頻率 Frequency (Hz)	極數 Poles (P)	額定轉速 RatedRevolution (rpm)	起動轉矩 Starting Torque (Kg.cm)	額定轉矩 Rated Torque (Kg.cm)	額定電流 Rated Current (A)	電容量 Electric Capacity (μF)	額定時間 Rated Time
41K25A-D	25	1 ϕ 220	50	2	2800	1.1	0.85	0.25	2.5/450	連續 Continuous
51K40A-D	40	1 ϕ 220	50	2	2800	1.5	1.39	0.28	3.0/450	連續 Continuous
51K60A-DF	60	1 ϕ 220	50	2	2800	1.9	2.1	0.49	4.0/450	連續 Continuous
51K90A-DF	90	1 ϕ 220	50	2	2800	4.2	2.95	0.94	8.0/450	連續 Continuous
51K90A-EF	90	3 ϕ 220/380	50	2	2800	10.8	3.13	0.28	—	連續 Continuous
51K120A-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

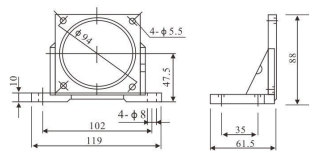
馬達安裝用L型腳座 L shape foot seat installed for motor



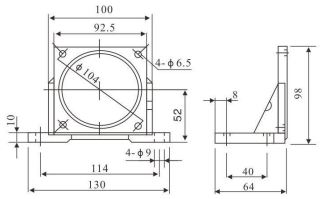
PAL-3N（□70mm用）
PAL-3N（For□70mm）



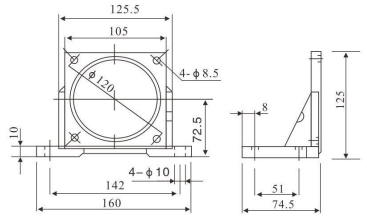
PAL-4N（□80mm用）
PAL-4N（For□80mm）



PAL-5N（□90mm用）
PAL-5N（For□90mm）



PAL-6N（□104mm用）
PAL-6N（For□104mm）



延長綫
Prolonging line

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

爲額外銷售品
Additional sale product

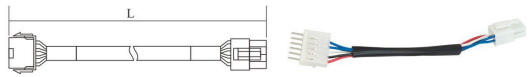
買控制器時，附有0.5m的延長綫,如需要加延長時，
請額外購買。
When buying the controller, there will be prolonging linewith 0.5 m.
If it needs to be prolonged, please buy it additionally.

延長綫的長度和產品名稱，請參照顧下圖。
The length of prolonging line and the name of the product, please refer to the following figure

產品名稱
The name of the product

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

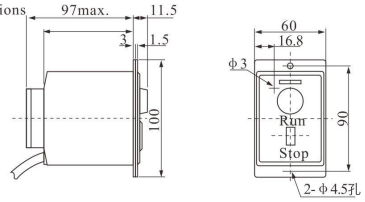
DIMENSION 单位：m Unit: m



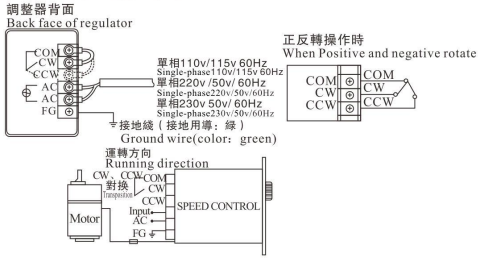
US–52 速度控制器
US –52 Speed controller



尺寸圖 Dimensions



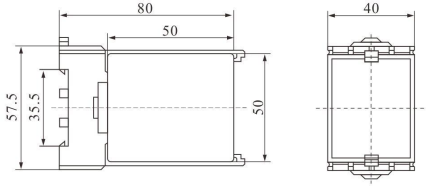
控制器接綫圖
Connection diarams of the controller



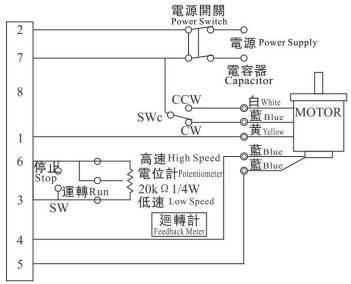
SS–22 速度控制器
SS-22 Speed controller



尺寸圖 Dimensions



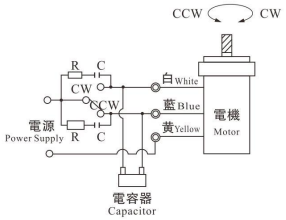
控制器接綫圖
Connection diarams of the controllerbb



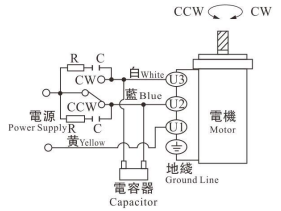
注：以上“接綫圖”僅供參考
Note:“Connection diarams” is for reference only.

接綫方式
Wiring method

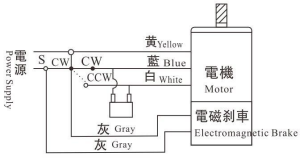
單相電機接綫圖
Single-phase motor wiring diagram



單相配端子箱電機接綫圖
Single-phase motor with terminal box wiring diagram

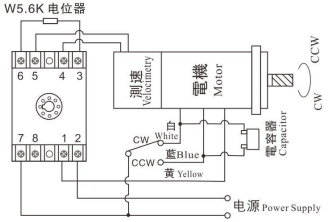


單相刹車馬達接綫圖
Single-phase brake motor wiring diagram



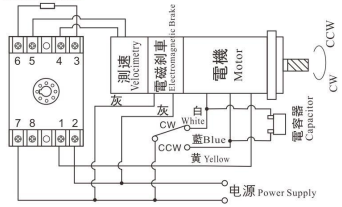
調速電機配SS速度控制器
Speed regulating motor with SS speed controller

W5.6K 电位器

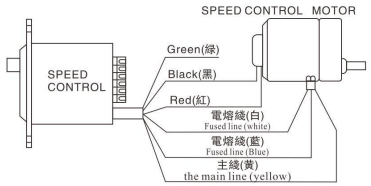


刹車帶調速電機配SS速度控制器
Brake band speed regulating motor with SS speed controller

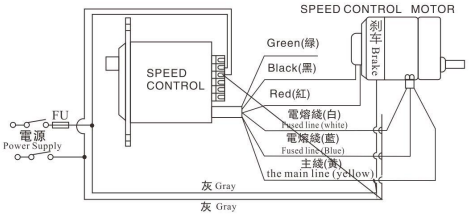
W5.6K 电位器



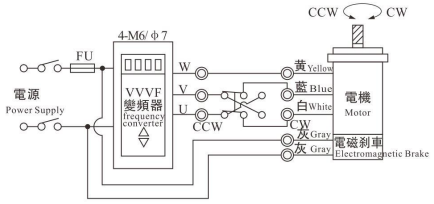
調速電機配US速度控制器
Speed regulating motor with US speed controller



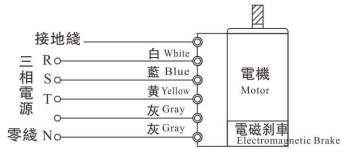
刹車帶調速電機配US速度控制器
Brake band speed regulating motor with US speed controller



三相刹車電機配變頻器
Three-phase brake motor with frequency converter



三相刹車馬達接綫圖
Three-phase brake motor wiring diagram



圖中R、C爲阻容吸收回路，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)