

# 200/250W

□ 100mm



## 電機特性

List of motor characteristics

電機型號 Motor model	規格 Specs	輸出功率 Output Power W	電源電壓 Voltage V	頻率 Frequency Hz	電流 Current A	起動扭矩 Starting Torque		額定扭矩 Rated Torque		額定轉速 Rated Revolution r/min	電容量/耐壓 Capacity/Ve μF/VAC
						mN.m	gf.cm	mN.m	gf.cm		
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	200	單相 1-phase 220	50	1.55	1485	14850	1414	14140	1350	10/450
60				1.5	1294	12940	1232	12320	1550	10/450	
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	200	單相 1-phase 110	50	3.0	1485	14850	1414	14140	1350	40/250
60				2.8	1294	12940	1232	12320	1550	36/250	
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	250	單相 1-phase 220	50	1.6	2020	20200	1837	18370	1350	12/450
60				1.55	1700	17000	1540	15400	1550	12/450	
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	250	單相 1-phase 110	50	3.3	2020	20200	1837	18370	1350	48/250
60				3.2	1700	17000	1540	15400	1550	48/250	
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獨，不附加任何負荷裝置。
- 電機額定轉速、額定電流允許在±5%範圍內變動。

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

## 減速電機允許負載

Allowable load for the gear motor

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

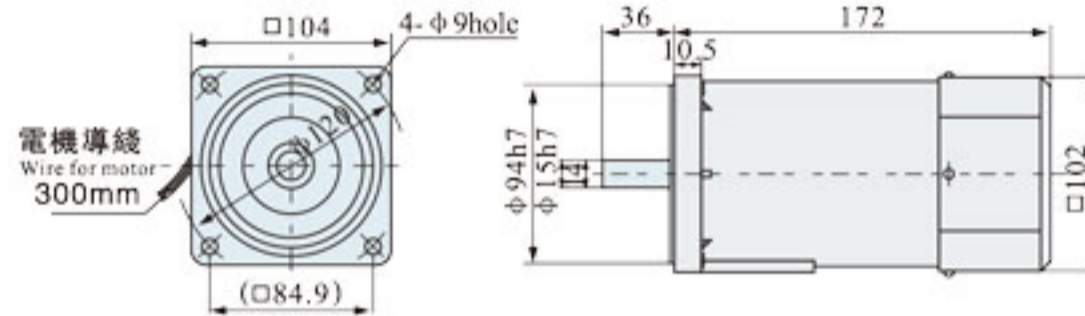
- 轉速是以電動機的同步轉速為基準除以減速比而算出的數值。實際轉速將隨負載大小變化而比所示數值減少2-15%左右。
- 希望以大于上表的減速比進一步減速時，可在電動機與減速機之間安裝減速比為10的中間減速機。
- 當負載扭矩超過減速電機最大允許負載扭矩，并有堵轉情況存在時，請在減速箱輸出軸和負載連接處加裝扭矩限制裝置，確保齒輪減速箱正常運行。
- The speed is based on the synchronous motor speed reduction ratio as a benchmark calculated by dividing the value of. Actual speed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



**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 Structure: Electric motor  
重量：5kg Weight: 5kg

**定速型**

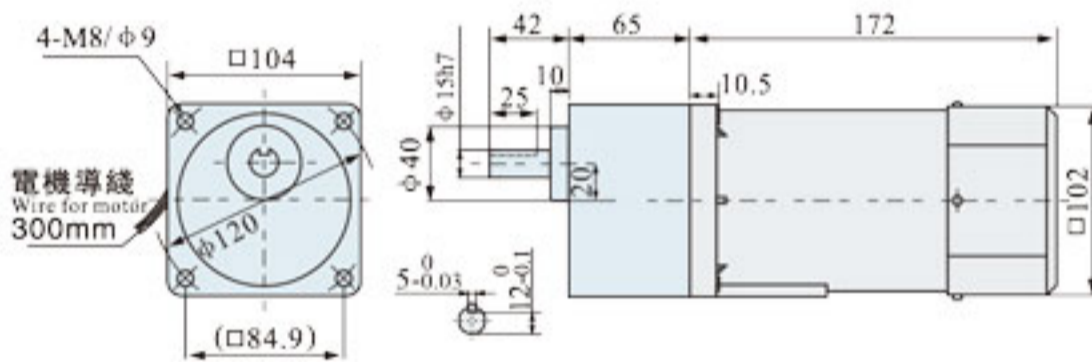
Optical axis type

**齒輪品名**

Name of Gear

6GU□K

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**

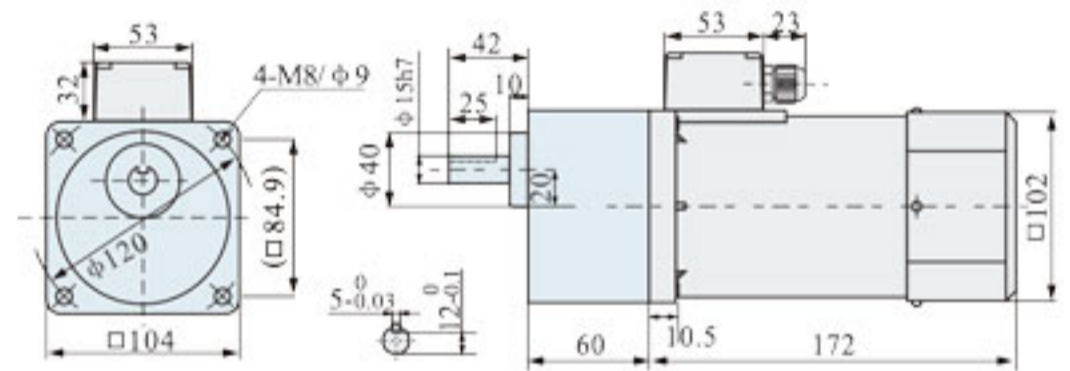
With terminal box type

**齒輪品名**

Name of Gear

6GU□K

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**

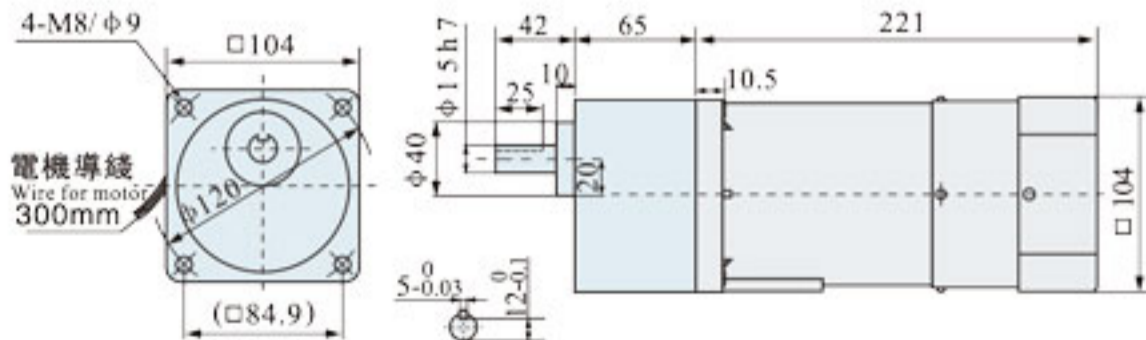
Brake Optical axis type

**齒輪品名**

Name of Gear

6GU□K

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**

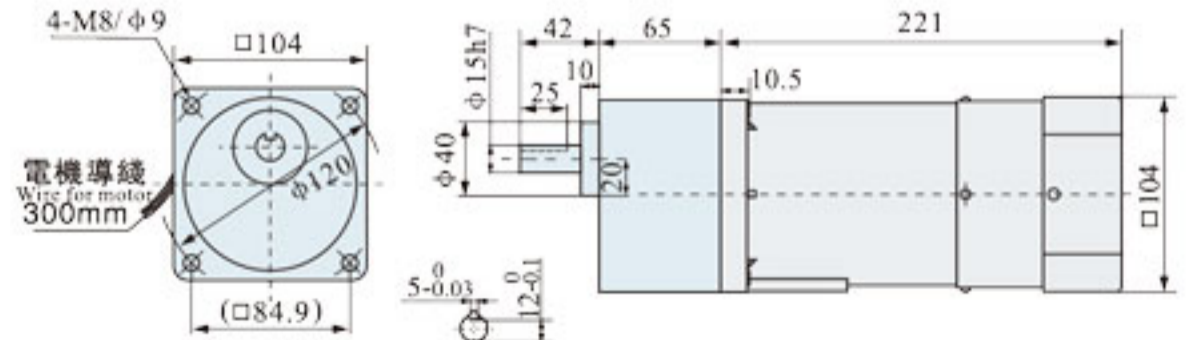
Brake Speed regulation type

**齒輪品名**

Name of Gear

6GU□K

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