

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
						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			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			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			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			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

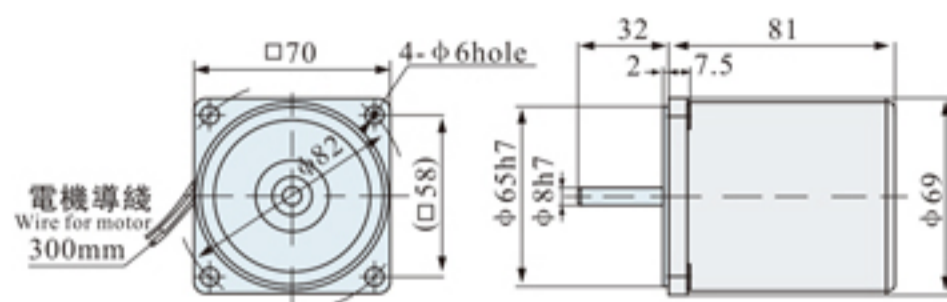
減速參數 Geared-down parameter	同步轉速r/mn Synchronous speed	500 300 250 200 150 120 100 75 60 50 40 35 30 25 20 15 12 10 8 7.5 6 5																								
		減速比i ratio																								
最大允許負載 Max allowable load	15W	kg.cm N.m	2.86 0.28	4.81 0.48	5.67 0.56	7.51 0.75	9.46 0.93	11.8 1.18	14.7 1.47	17 1.67	21.5 2.15	23.5 2.35	30.6 3.01	34.1 3.34	39.27 3.92	47.1 4.7	50					4.9				
	20W	kg.cm N.m	3.52 0.35	5.80 0.58	7.56 0.75	8.74 0.87	12.6 1.24	14.5 1.45	17.15 1.71	22.6 2.23	26.1 2.61	30.4 3.04	40.8 4.01	45.5 4.4	50					4.9						

- 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

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

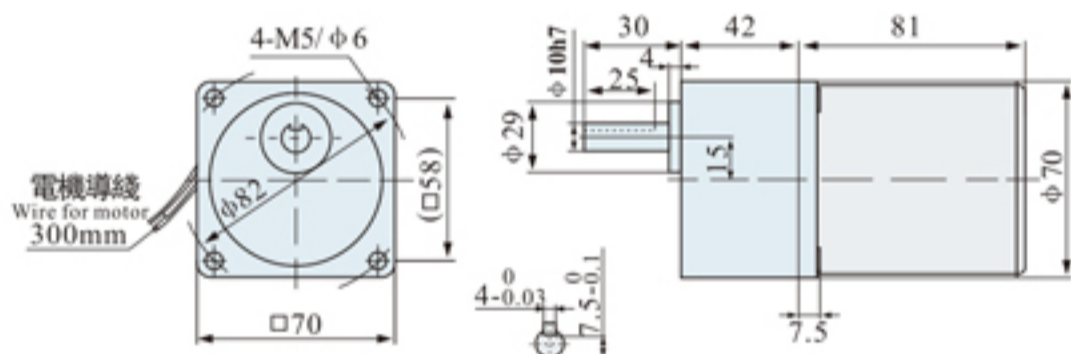
Optical axis type

齒輪品名

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

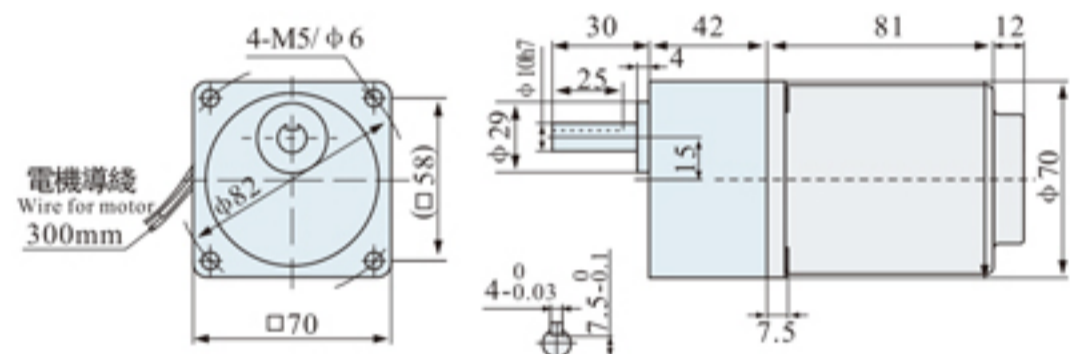
Speed regulation type

齒輪品名

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

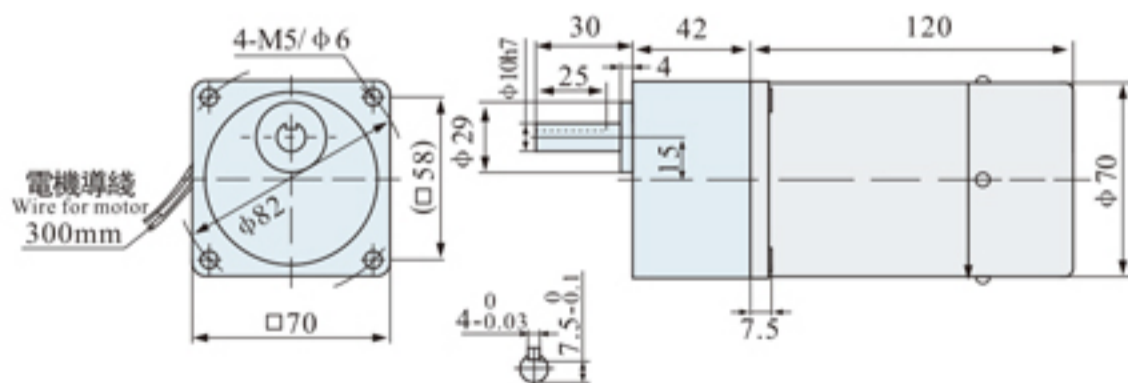
Brake Optical axis type

齒輪品名

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

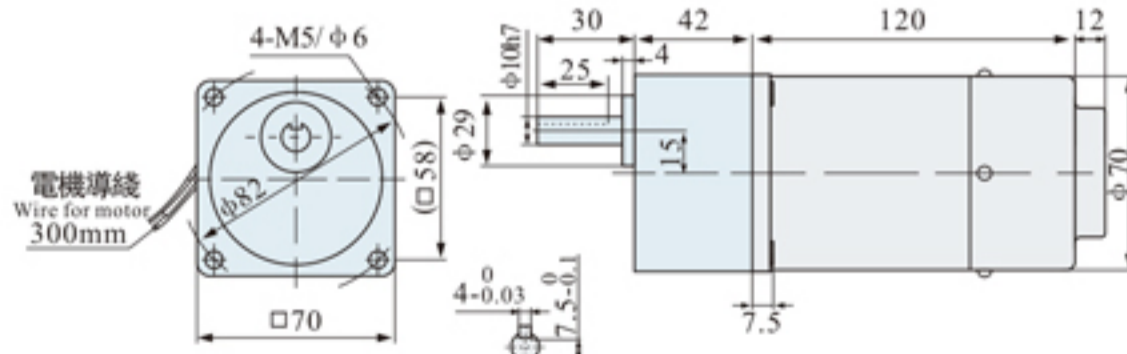
Brake Speed regulation type

齒輪品名

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