

调速电动机 SPEED CONTROL MOTORS

120W

□ 104mm

CE CCC UL RoHS ISO9001



规格 / 连续额定 SPECS / CONTINUOUS RATING

品名 Model 导线型 Lead Wire Type	机型 Type 圆轴型 Round Shaft	输出功率 Output power W	电压 Voltage V	频率 Frequency Hz	调速范围 Speed Control Range r/min	额定转矩 Rated Torque		启动转矩 Starting Torque mN.m	电流 Current A	电容器容量 Capacitor μF
						120r/min mN.m	120r/min mN.m			
6IK120RGU-AF	6IK120RA-AF	120	1ph100	50	90~1400	750	360	530	3.65	30.0
			1ph110	60	90~1700					
6IK120RGU-EF	6IK120RA-EF	120	1ph120	60	90~1700	750	360	520	3.30	20.0
			1ph220	50	90~1400					
6IK120RGU-CF	6IK120RA-CF	120	1ph230			50	90~1400	750	330	530
6IK120RGU-HF	6IK120RA-HF	120	1ph220	60	90~1700	750	360	530	1.65	
			1ph230							

- 各种安全规格以电动机铭牌上的型号取得认定。
- When the motor is approved under various safety standards, the model name on the nameplate is the approved model name.

种类 TYPE

● 电动机 MOTOR

机型 Type	型号 Model	
	齿轮轴型 Pinion Shaft	圆轴型 Round Shaft
导线型 Lead Wire Type	6IK120RGU-AF	6IK120RA-AF
	6IK120RGU-EF	6IK120RA-EF
	6IK120RGU-CF	6IK120RA-CF
	6IK120RGU-HF	6IK120RA-HF

● 平行轴减速器(另售) PARALLEL SHAFT GEARHEAD (SOLD SEPARATELY)

减速器种类 Gearhead Type	减速器型号 Gearhead Model	减速比 Gear Ratio
长寿命·低噪音 Long Life · Low Noise	6GU□K	3、3.6、5、6、7.5、 9、12.5、15、18、 25、30、36、50、 60、75、90、100、 120、150、180、200

- 减速器型号的□中为减速比的数值
- Enter the gear ratio in the box (□) within the model name

■ 装有减速器时的容许转矩

ALLOWABLE TORQUE WHEN BEING WITH GEARHEAD

- 减速器·中间减速器另售
- 减速器型号的□中为减速比的数值。
- □色表示与电动机同一方向运转，其他则为相反方向。
- 转速是以电动机的同步转速 (50Hz: 1500r/min、60Hz: 1800r/min) 为基准除以减速比而算出来的数值。实际转速将随负载大小变化而比所示数值减少 2%~20%左右。
- Gearhead and mid-gearbox can be sold separately.
- Enter the gear ratio in the box (□) within the model name.
- The colored background □ indicates the same rotating direction of the motor while the rotating direction of others are opposite.
- The speed is calculated by dividing the motor's synchronous speed (50Hz: 1500r/min、60Hz: 1800r/min) by the gear ratio. The actual speed is 2%~20% less than the displayed value, depending on the size of the load.

容许力矩单位 Allowance Torque Unit: 上段 Upside (N.m) / 下段 Belowside (kgf.cm)

机型Type 电动机/减速器 Motor/Gearhead	减速比Gear Ratio	3	3.6	5	6	7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180	200	
6IK120RGU-AF	50Hz	500	417	300	250	200	166	120	100	83	60	50	41	30	25	20	16	15	12.5	10	8.3	7.5	
		600	500	360	300	240	200	144	120	100	72	60	50	36	30	24	20	18	15	12	10	9	
6IK120RGU-EF	50Hz	2.3	2.7	3.8	4.5	5.6	6.8	8.5	10.2	12.2	15.3	18.4	22.1	30.7	36.8	40	40	40	40	40	40	40	40
6IK120RGU-CF		23.4	27.5	38.7	45.9	57.1	69.3	86.7	104	124	156	187	225	313	375	400	400	400	400	400	400	400	400
6IK120RGU-HF	60Hz	1.8	2.2	3.0	3.6	4.6	5.5	6.8	8.2	9.8	12.4	14.9	17.8	24.8	29.7	37.1	40	40	40	40	40	40	40
6IK120RGU-HF		18.3	22.4	30.6	36.7	46.9	56.1	69.3	83.6	100	126	152	181	253	303	378	400	400	400	400	400	400	400

■ 容许悬挂负载·容许轴向负载

PERMISSIBLE OVERHUNG LOAD AND THRUST LOAD

电动机 (圆轴型) → P217页

Motor (Round Shaft) → P217

减速器 → P217页

Gearhead → P217

■ 减速器的容许负载惯性惯量 J

PERMISSIBLE LOAD INERTIA J FOR GEARHEAD

→ P218页 → P218

■ 外形图 (单位 mm)

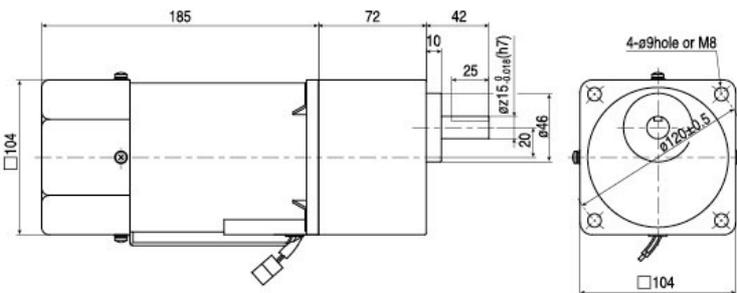
DIMENSIONS (Unit mm)

减速器附有安装用螺丝

Mounting screws are included with gearhead.

● 导线型 Lead wiring Type

重量 Weight: 电动机 Motor 4.9kg 减速器 Gearhead 2.1kg



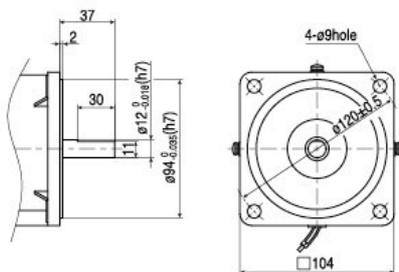
电动机型号 Motor Model	减速器型号 Gearhead Model	减速比 Gear Ratio	L1
6IK120RGU-AF	6GU□K	3~200	72
6IK120RGU-EF			
6IK120RGU-CF			
6IK120RGU-HF			

- 减速器型号的□中为减速比的数值
- Enter the gear ratio in the box (□) within the model name

● 圆轴型的转轴部分 Shaft Section of Round Shaft Type

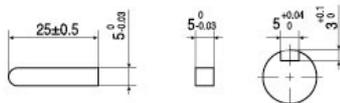
除重量及轴部外, 电动机外形与齿轮轴相同

Excluding weight and the shaft section Motor shape are the same as those of the pinion shaft



● 键·键槽 (减速器附件)

Key-keyway (The key is included with the gearhead)



■ 连接图 CONNECTION DIAGRAMS

