

# 直角减速电机 RIGHT ANGLE GEAR MOTOR

## 200W 104mm



### 电机型号/性能 List of motor characteristics

电机型号 Motor Model	输出功率 Output Power	电压 Voltage	频率 Frequency	电流 Current	额定转速 Rated Speed	额定转矩 Rated Torque	启动转矩 Starting Torque	运行电容 Capacitor
6IK200GU-CF	200	1ph220	50	1.30	1350	1414	1050	10.0/450
6IK200GU-AF	200	1ph110	50	2.60	1350	1310	950	20.0/250
6IK200GU-SF	200	3ph220	50	1.17	1350	1460	4620	/
6IK200GU-S3F	200	3ph380	50	0.66	1350	1550	4500	/

● 各种安全规格以电机铭牌上的型号名取得认证。● 注：“-A”型号中电压为110V时，配置电容器容量以实际铭牌为准。● 如需调速电机参照p60，电磁制动减速电机参照p83。  
 ● When the motor is approved under various safety standards, the model name on the nameplate is the approved model name. ● Note “sAit means the voltage 110v, the assembly capacitor value it is according to the label. ● For speed control gear motor, please refer to page 75, for brake gear motor, please refer to page 98.

### 减速箱减速比/性能对照表 Gear reduction ratio/performance comparison

减速比 Gear Ratio	3	5	6	7.5	9	10	12.5	15	18	20	25	30	36	50	60	75	90	100	120	150	180
转速 Speed r/min	450	270	225	180	150	135	108	90	75	67.5	54	45	37.5	27	22.5	18	15	13.5	11.25	9	7.5
转矩 Torque N.m	2.8	4.7	5.6	7.7	9.3	10	13	15	19	21	26	31	34	47	56	60	60	60	60	60	60

● 表中转速是以电机的平均转速（50Hz: 1350r/min、60Hz: 1550r/min）为基数除以减速比而算出的数值。实际转速将随负载大小而变化，变化范围2~20%。  
 ● 表中色框表示输出轴的旋转方向与电机旋转方向相反。  
 ● 表中转矩是以电机额定转矩 × 减速比 × 传动效率计算而得。  
 ● 减速箱的最大容许转矩为40N·M。  
 ● In the table, the speed is calculated from the base of the motor's average speed (50Hz: 1350r/min, 60Hz: 1550r/min) divided by the deceleration ratio. The actual speed will vary with the load, ranging from 2% to 20%.  
 ● The box in the table indicates that the rotation direction of the output axis is opposite to that of the motor.  
 ● Table transfer torque is calculated from motor rated torque \* deceleration ratio \* transmission efficiency.  
 ● The maximum allowable torque of the decelerator is 40N·M.

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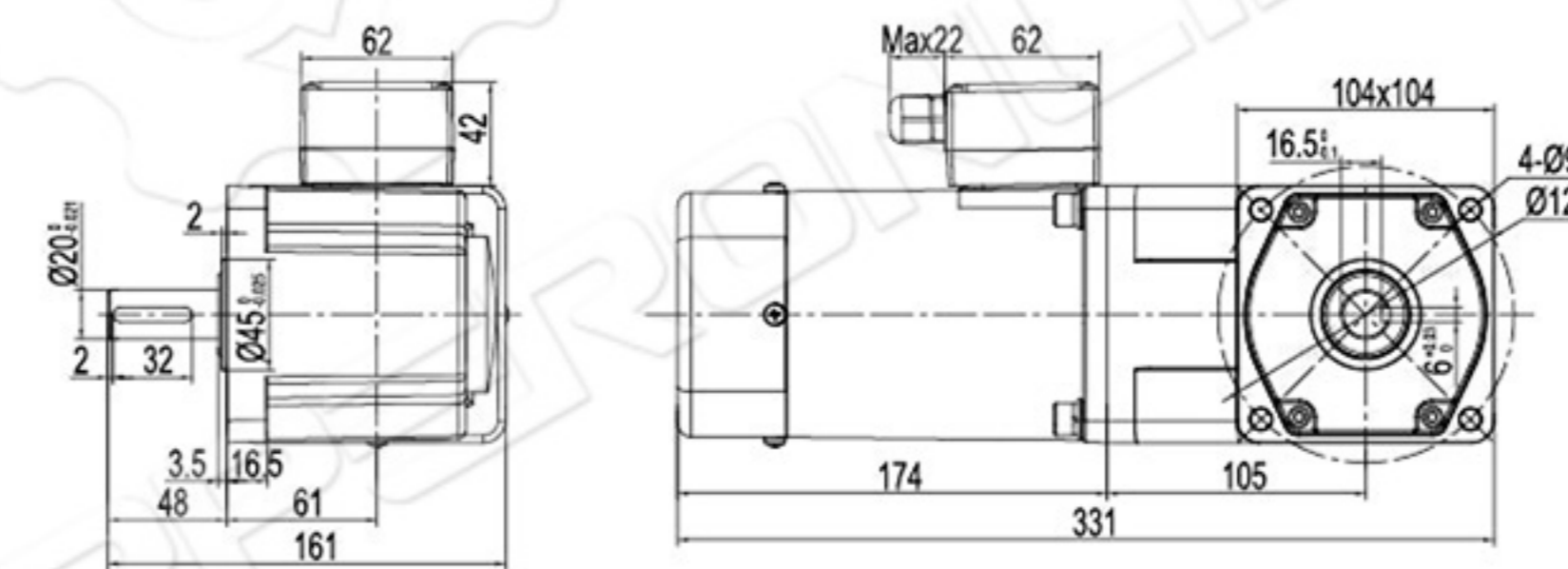
### 外形尺寸 (单位mm) Dimension (unit mm)

感应、阻尼、调速尺寸图 INDUCTION, REVERSIBLE, SPEED CONTROL TYPE DRAWING

● 弧锥齿实心轴 6IK200GU-CFT/6GU □ RT 6IK200RGU-CFT/6GU □ RT

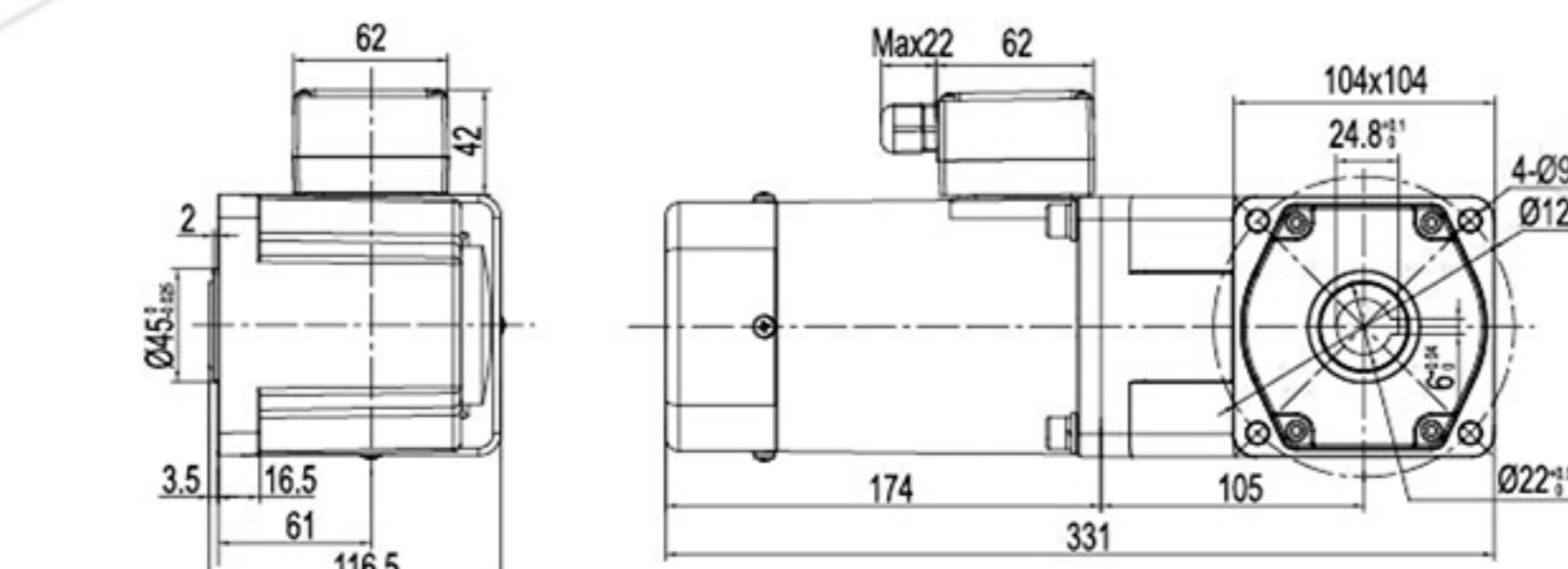
重量 Weight: 10.5kg

● 键 (减速器附件)



● 弧锥齿空心轴 6IK200GU-CFT/6GU □ RC 6IK200RGU-CFT/6GU □ RC

重量 Weight: 10.1kg

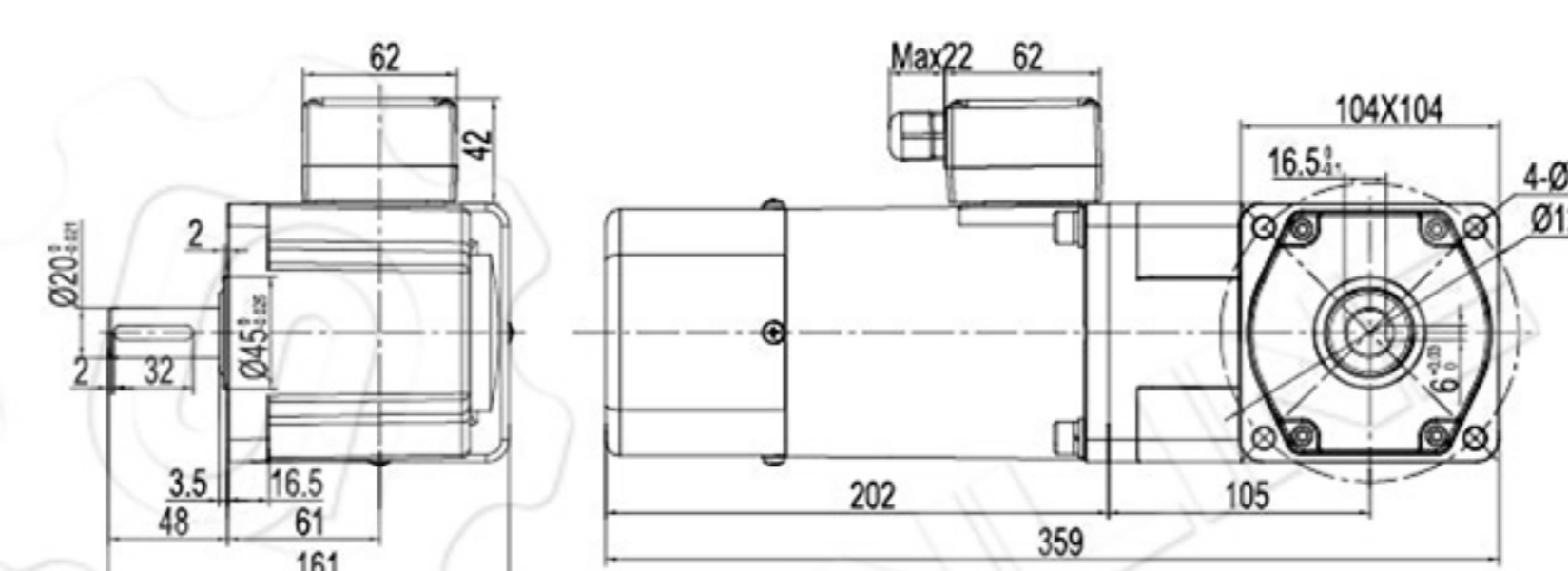


### 电磁制动尺寸图 BRAKE TYPE DRAWING

● 弧锥齿实心轴 6RK200GU-CMFT/6GU □ RT

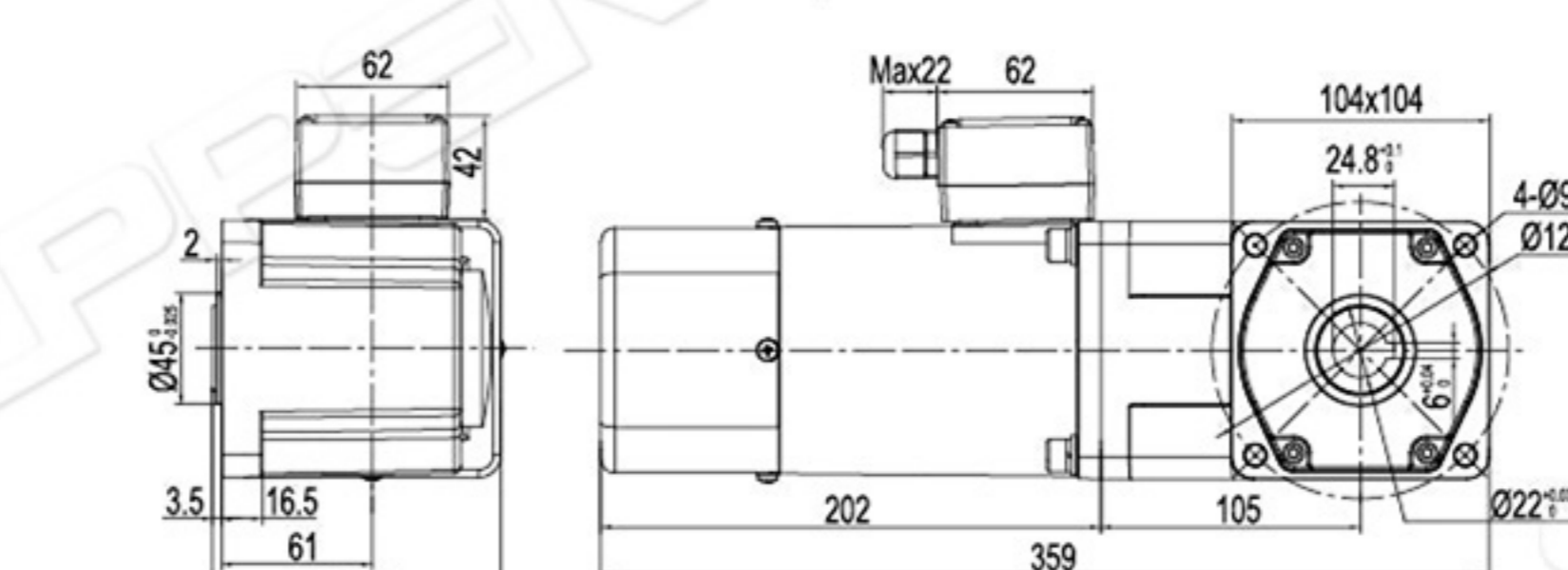
重量 Weight: 11.2kg

● 键 (减速器附件)



● 弧锥齿空心轴 6RK200GU-CMFT/6GU □ RC

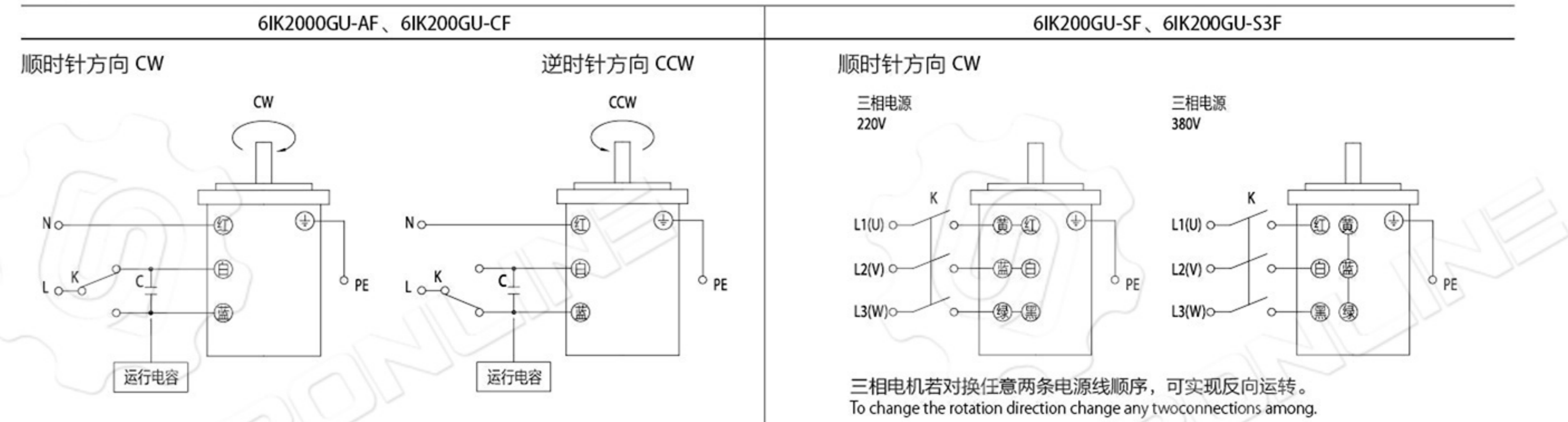
重量 Weight: 10.8kg



注: 接线盒可选, 详见P148.

### 接线图 Wiring Diagram

● 运转方向指从电机轴看来的方向。CW表示顺时针方向, CCW表示逆时针方向。● 表中所记型号为齿轮轴型, 圆轴型亦同。● The direction of motor rotation is as viewed from the shaft end of motor CW represents the clockwise direction, while CCW represents the counterclockwise direction. ● Name indicated in the list is pinion shaft we, also valid for the equivalent round shaft type.



### 请注意 Note

单相电机运转方向的转换应在电机停止后进行。若在电机运转时转换运转方向, 可能发生无法转换运转方向或须费时较久的情况。Change the direction of single-phase motor rotation only after bring the motor to a stop. If an attempt is made to change the direction of rotation while the motor is rotating, motor may ignore reversing command or change its direction of rotation after some delay.