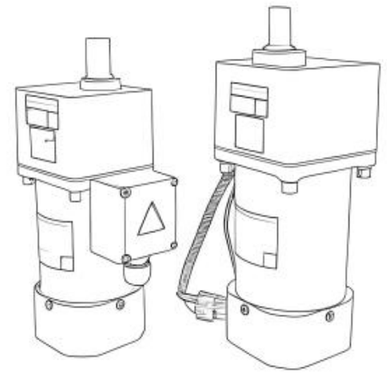
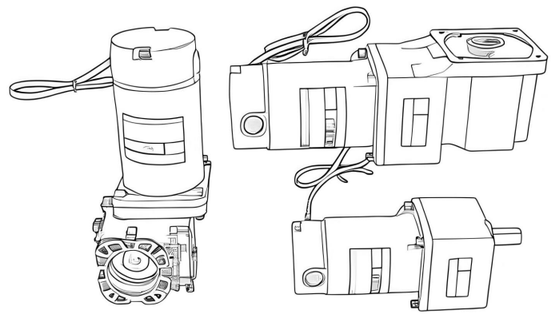


浙江侨邦精密电机有限公司
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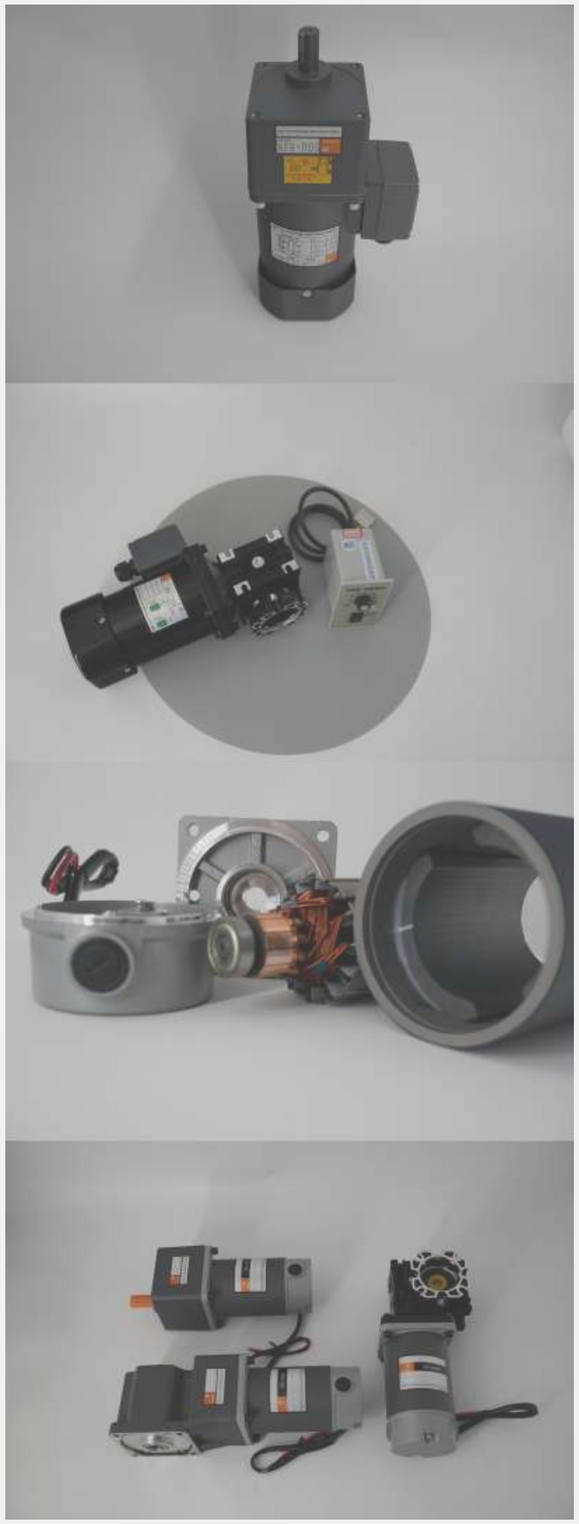




Micro AC、DC Brushed Gear Reduction Motor

微型交流、直流有刷齿轮减速电机

We are committed to continuous improvement



Dedicated to exceeding your expectations

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微型交流减速电机

电机型号说明

5 ①	I ②	K ③	60 ④	R ⑤	GU ⑥	–	C ⑦	F ⑧

①外形尺寸	2:60 3:70 4:80 5:90 6:104	
②类型	I:感应电机 R:可逆电机 T:力矩电机	
③系列	K:K系列	
④输出功率	60:60W(根据电机型号可选择)	
⑤R:调速电机	(无：表示不带调速)	
⑥输出形式	GN:普通型齿轮轴	GU:加强型齿轮轴
	A:圆轴铣扁	A1:键槽型
⑦电压.极数	A:单相110V50/60HZ4P	B:单相110V50HZ2P
	C:单相220/230V50/60HZ4P	D:单相220V50HZ2P
	E:单相110/120V60HZ4P	H:单相220/230V60HZ4P
	S:三相200/220/230V50/60HZ4P	S3:三相380/400/415V50/60HZ4P
	T:三相200/220/230V50/60HZ2P	T3:三相380/400/415V50/60HZ2P
⑧附件	F:带风扇 T:带端子箱 M:带电磁刹车 P:带热保护器 FF:带强制风扇	

减速机型号说明

5 ①	GU ②	-	20 ③	KB ④

①外形尺寸	2:60 3:70 4:80 5:90 6:104	
②齿轴类型	GN:普通型齿轮轴	GU:加强型齿轮轴
③减速比	20:减速比20（根据减速机型号可选择）	10X仅限10倍减速比的中间箱体
④减速机类型	K:方箱体（5GU系列表示带法兰安装）	KB:GU型5系列方箱体
	RC:直角箱体中空输出	RT:直角箱体中实输出

电机规格

项 目	释 义
绝缘电阻	在常温、常湿下电机额定运行后，在DC500V电阻表测量线圈与外壳间的电阻时，测量值应在100MΩ
绝缘电压	在常温、常湿下电机额定运行后，在线圈与外壳间是假一分钟50Hz或60Hz、1.5KV（三相400V为2KV）的电压无异常
温 升	在装上减速机或同等散热，并于常温下额定运行时，以电阻法测定其温度上升值为80℃以下（三相为70℃以下）
绝缘等级	UL/CSA规格：A级（105℃）EN规格：B级（130℃）F级155℃）
过热保护装置	【内藏热保护器装置（自动复位型）】B种（开放：120℃±5℃、75℃±15℃）F种（开放：145℃±5℃、100℃±15℃）
使用环境温度	单相110V、三相220V：-10℃~50℃无结冰，其它电压-10℃~40℃无结冰
使用环境湿度	85%以下无结霜
保护等级	导线型：IP20
	带端子箱型：单相100V50/60Hz、110/120v60Hz、220/230V50/60Hz 25W~200W:IP54(不包括圆轴安装面)
	三相200/220/230v50/60Hz、380/400/415V50/60Hz 25W~200W:IP54(不包括圆轴安装面)

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传动装置专业制造商
PROFESSIONAL MANUFACTURER OF TRANSMISSION DEVICE
微型交流减速电机 MICRO AC DECELERATION MOTOR

MICRO AC DECELERATION MOTOR

Explanation of Motor Model

5 ①	I ②	K ③	60 ④	R ⑤	GU ⑥	–	C ⑦	F ⑧

①Overall Dimensions	2:60 3:70 4:80 5:90 6:104	
②Type	I:Induction Motor R:Reversible Motor T:Torque Motor	
③Series	K:K Series	
④Output Power	60:60W (Selectable according to motor model)	
⑤R: Speed - Adjustable Motor	(None: Indicates no speed regulation)	
⑥Output Form	GN:General - purpose gear shaft	GU: Reinforced gear shaft
	A:Round shaft milled flat	A1: Keyway type
⑦Voltage.Pole Number	A:Single - phase 110V 50/60HZ 4P	B: Single - phase 110V 50HZ 2P
	C:Single - phase 220/230V 50/60HZ 4P	D: Single - phase 220V 50HZ 2P
	E:Single - phase 110/120V 60HZ 4P	H: Single - phase 220/230V 60HZ 4P
	S:Three - phase 200/220/230V 50/60HZ 4P	S3: Three - phase 380/400/415V 50/60HZ 4P
	T:Three - phase 200/220/230V 50/60HZ 2P	T3: Three - phase 380/400/415V 50/60HZ 2P
⑧Accessories	F: With fan T: With terminal box M: With electromagnetic brake P: With thermal protector FF: With forced fan	

Explanation of Reducer Model

5 ①	GU ②	-	20 ③	KB ④

①Overall Dimensions	2:60 3:70 4:80 5:90 6:104	
②Gear Shaft Type	GN:General - purpose gear shaft	GU: Reinforced gear shaft
③Reduction Ratio	20:Reduction ratio 20 (Selectable according to the reducer model)	10X: Only for intermediate casings with a 10 - fold reduction ratio
④Reducer Type	K:Square casing (5GU series indicates with flange mounting)	KB: Square casing of GU type series 5
	RC:Right - angle casing hollow output	RT: Solid output of right - angle casing

Motor Specifications

Item	Interpretation
Insulation Resistance	After the motor operates at rated conditions under normal temperature and normal humidity, when measuring the resistance between the coil and the housing with a DC500V ohmmeter, the measured value should be above 100MΩ.
Insulation Voltage	After the motor operates at rated conditions under normal temperature and normal humidity, applying a voltage of 50Hz or 60Hz, 1.5KV (2KV for three - phase 400V) between the coil and the housing for one minute shows no abnormality.
Temperature Rise	When installed with a reducer or equivalent heat dissipation and operated at rated conditions under normal temperature, the temperature rise measured by the resistance method should be below 80°C (below 70°C for three - phase).
Insulation Class	UL/CSA specification: Class A (105°C); EN specification: Class B (130°C); Class F (155°C).
Overheat Protection Device	【Built - in thermal protector device (automatic reset type)】Type B (Open: 120°C ± 5°C, 75°C ± 15°C); Type F (Open: 145°C ± 5°C, 100°C ± 15°C).
Operating Ambient Temperature	For single - phase 110V, three - phase 220V: - 10°C ~ 50°C without icing; for other voltages: - 10°C ~ 40°C without icing.
Operating Ambient Humidity	No frost formation when the humidity is below 85%.
Protection Class	Wire type: IP20.
	With terminal box type: For single - phase 100V 50/60Hz, 110/120V 60Hz, 220/230V 50/60Hz, 25W ~ 200W: IP54 (excluding the round shaft mounting surface).
	For three - phase 200/220/230V 50/60Hz, 380/400/415V 50/60Hz, 25W ~ 200W: IP54 (excluding the round shaft mounting surface).

6W

电机参数 Motor Parameters

型号 Model		输出功率 W Output Power (W)	电压V Voltage (V)	频率Hz Frequency (Hz)	电流A Current (A)	额定转速 r/min Rated Speed (r/min)	起动转矩 mN.m Starting Torque (mN·m)	额定转矩 mN.m Rated Torque (mN·m)	运行电容 Running Capacitor
齿轮轴 Gear Shaft	圆轴 circular shaft								
2IK6GN-A	2IK6A-A	6	单相110 Single - phase 110	50	0.24	1200	55	48	3.5
				60	0.25	1450	50	40	
2IK6GN-C	2IK6A-C	6	单相220 Single - phase 220	50	0.13	1200	50	48	0.8
				60	0.11	1500	50	48	
2IK6GN-S	2IK6A-S	6	三相220 Three - phase 220	50	0.076	1200	85	48	
				60	0.065	1450	70	40	
2IK6GN-S3	2IK6A-S3	6	三相380 Three - phase 380	50	0.05	1200	85	48	
				60	0.05	1200	70	40	
2RK6GN-A	2RK6A-A	6	单相110 Single - phase 110	50	0.265	1200	60	48	4
				60	0.232	1450	55	40	
2RK6GN-C	2RK6A-C	6	单相220 Single - phase 220	50	0.15	1200	55	48	1
				60	0.145	1200	50	40	
2RK6GN-AM	2RK6A-AM	6	单相110 Single - phase 110	50	0.265	1200	60	48	4
				60	0.232	1450	55	40	
2RK6GN-CM	2RK6A-CM	6	单相220 Single - phase 220	50	0.145	1200	55	48	1
				60	0.14	1450	50	40	
2RK6GN-SM	2RK6A-SM	6	三相220 Three - phase 220	50	0.076	1200	85	48	
				60	0.065	1450	70	40	

容许力矩 Allowable Torque

- 表中转速是以电机的同步转速（50Hz：1500r/min、60Hz：1800r/min）为基础除以减速比而计算出的数值。The rotational speeds in the table are calculated values obtained by dividing the synchronous rotational speed of the motor (50Hz: 1500r/min, 60Hz: 1800r/min) by the reduction ratio.
- 想要获得比下表更大的减速比，可以在电机与减速机中间安装减速比为 10 的中间减速箱，减速比将扩大 10 倍。If you want to obtain a larger reduction ratio than that in the following table, you can install an intermediate reduction gearbox with a reduction ratio of 10 between the motor and the reducer, and the reduction ratio will be increased by 10 times.
- 表中的容许力矩是以电机的启动力矩 × 减速比 × 效率而得到。The allowable torque in the table is obtained by multiplying the starting torque of the motor × the reduction ratio × the efficiency.
- 减速箱的最大容许力矩为 3N.M。The maximum allowable torque of the reduction gearbox is 3N.M.

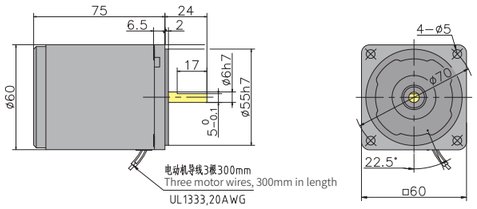
上段 (N.m)/下段 (kgf.cm) Upper Section (N.m) / Lower Section (kgf.cm)

类型 Type	减速比 Reduction 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
电机/减速机 Motor/Reducer	转速/rpm Rotational Speed/rpm	50HZ	500	417	300	250	200	166	120	100	83	60	50	41	30	25	20	16	15	12	10	8	7.5
		60HZ	600	500	360	300	240	200	144	120	100	72	60	50	36	30	24	20	18	15	12	10	9
6W	2GN□K	50HZ	0.12	0.14	0.19	0.23	0.29	0.35	0.49	0.58	0.7	0.88	1.1	1.3	1.6	1.9	2.4	2.9	3	3	3	3	3
			1.22	1.43	1.94	2.35	2.96	3.57	5	5.92	7.14	8.98	11.2	13.3	16.3	19.4	24.4	29.6	30	30	30	30	30
		60HZ	0.1	0.12	0.16	0.19	0.24	0.29	0.41	0.49	0.58	0.73	0.88	1.1	1.3	1.6	2	2.4	2.6	3	3	3	3
			1.02	1.22	1.63	1.94	2.45	2.96	4.18	5	5.92	7.45	8.98	11.1	13.3	16.3	20.4	24.5	26.5	30	30	30	30

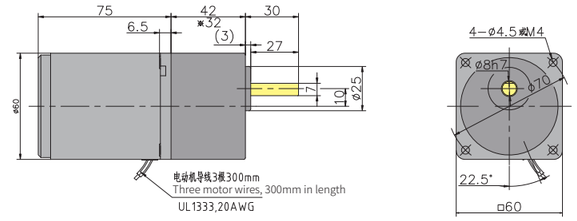
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6W感应、调速、刹车电机 6W Induction, Speed - Regulating, Brake Motor

感应/可逆电机 Induction Motor

微型交流光电机
Miniature AC Optical Motor
2IK6A-□



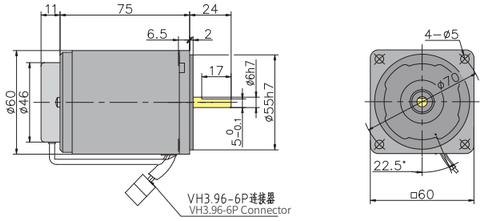
微型交流光电机+标准减速机
Miniature AC Optical Motor + Standard Reducer
2IK6GN-□/2GN□K



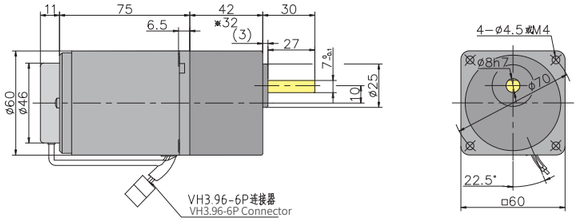
注：带“※”的尺寸表示速比3~18的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 to 18 when it has a short housing.

调速电机 Speed Control Motor

微型交流光电机
Miniature AC Optical Motor
2IK6RA-C



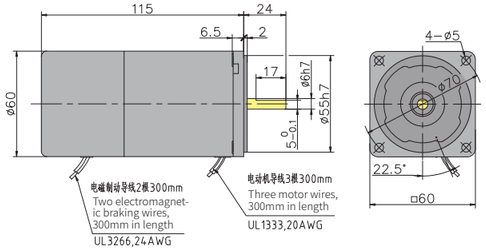
微型交流光电机+标准减速机
Miniature AC Optical Motor + Standard Reducer
2IK6RGN-C/2GN□K



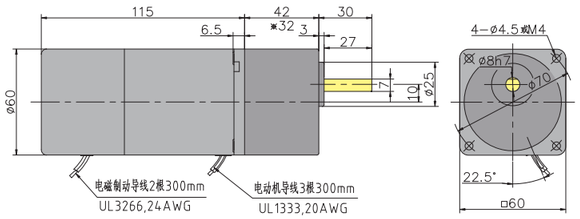
注：带“※”的尺寸表示速比3~18的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 to 18 when it has a short housing.

刹车电机 Brake Motor

微型交流光电机
Miniature AC Optical Motor
2RK6A-□M



微型交流光电机+标准减速机
Miniature AC Optical Motor + Standard Reducer
2RK6GN-□M/2GN□K



注：带“※”的尺寸表示速比3~18的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 to 18 when it has a short housing.

15W

电机参数 Motor Parameters

型号 Model		输出功率 W Output Power (W)	电压V Voltage (V)	频率Hz Frequency (Hz)	电流A Current (A)	额定转速 r/min Rated Speed (r/min)	起动转矩 mN.m Starting Torque (mN·m)	额定转矩 mN.m Rated Torque (mN·m)	运行电容 Running Capacitor
齿轮轴 Gear Shaft	圆轴 circular shaft								
3IK15GN-A	3IK15A-A	15	单相110 Single - phase 110	50	0.35	1200	90	125	6
				60	0.33	1450	85	105	
3IK15GN-C	3IK15A-C	15	单相220 Single - phase 220	50	0.18	1200	90	125	1.2
				60	0.17	1500	85	100	
3IK15GN-S	3IK15A-S	15	三相220 Three - phase 220	50	0.14	1200	220	125	
				60	0.12	1450	180	105	
3IK15GN-S3	3IK15A-S3	15	三相380 Three - phase 380	50	0.05	1200	220	125	
				60	0.05	1200	180	105	
3RK15GN-A	3RK15A-A	15	单相110 Single - phase 110	50	0.4	1200	110	125	7
				60	0.56	1450	105	105	
3RK15GN-C	3RK15A-C	15	单相220 Single - phase 220	50	0.23	1200	110	125	1.5
				60	0.2	1450	105	100	
3RK15GN-AM	3RK15A-AM	15	单相110 Single - phase 110	50	0.4	1200	110	125	7
				60	0.56	1450	105	105	
3RK15GN-CM	3RK15A-CM	15	单相220 Single - phase 220	50	0.23	1200	110	125	1.5
				60	0.2	1450	105	100	
3RK15GN-SM	3RK15A-SM	15	三相220 Three - phase 220	50	0.14	1200	220	125	
				60	0.12	1450	180	100	

容许力矩 Allowable Torque

- 表中转速是以电机的同步转速（50Hz：1500r/min、60Hz：1800r/min）为基础除以减速比而计算出的数值。The rotational speed in the table is a value calculated by dividing the synchronous rotational speed of the motor (50Hz: 1500r/min, 60Hz: 1800r/min) by the reduction ratio.
- 表中的容许力矩是以电机的启动力矩 × 减速比 × 效率而得到。The allowable torque in the table is obtained by multiplying the starting torque of the motor × the reduction ratio × the efficiency.
- 减速箱的最大容许力矩为 5N.M。The maximum allowable torque of the reduction gearbox is 5N.M.

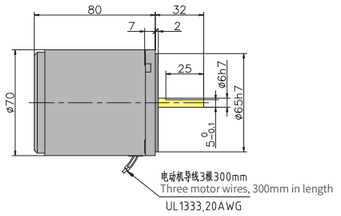
上段 (N.m)/下段 (kgf.cm) Upper Section (N.m) / Lower Section (kgf.cm)

类型 Type	减速比 Reduction 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
电机/减速机 Motor/Reducer	转速/rpm Rotational Speed/rpm	50HZ	500	417	300	250	200	166	120	100	83	60	50	41	30	25	20	16	15	12	10	8	7.5
		60HZ	600	500	360	300	240	200	144	120	100	72	60	50	36	30	24	20	18	15	12	10	9
15W	3GN□K	50HZ	0.3	0.36	0.51	0.61	0.76	0.91	1.3	1.5	1.8	2.3	2.7	3.3	4.1	5	5	5	5	5	5	5	5
			3.06	3.67	5.2	6.22	7.75	9.28	13.2	15.3	18.3	23.4	27.5	33.7	41.8	50	50	50	50	50	50	50	50
		60HZ	0.26	0.31	0.43	0.51	0.64	0.77	1.1	1.3	1.5	1.8	2.3	2.7	3.3	4.1	5	5	5	5	5	5	5
			2.65	3.16	4.38	5.2	6.53	7.85	11.2	13.2	15.3	19.3	23.4	28.5	35.7	42.8	50	50	50	50	50	50	50

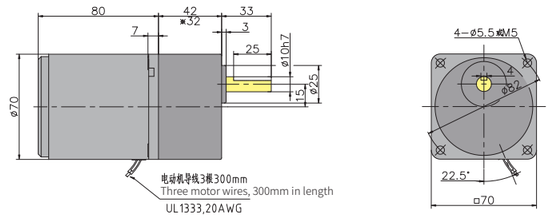
CHBNS 传承之道 稳行致远 THE WAY OF INHERITANCE IS STEADY AND FAR-REACHING
传动装置专业制造商 PROFESSIONAL MANUFACTURER OF TRANSMISSION DEVICE
15W感应、调速、刹车电机 15W Induction, Speed - Regulating, Brake Motor

感应/可逆电机 Induction/Reversible Motor

微型交流光电机
Miniature AC Optical Motor
3IK15A-□



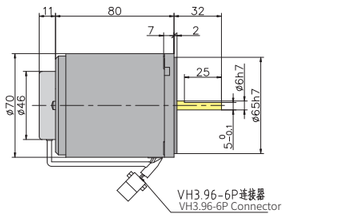
微型交流光电机+标准减速机
Miniature AC Optical Motor + Standard Reducer
3IK15GN-□/3GN□K



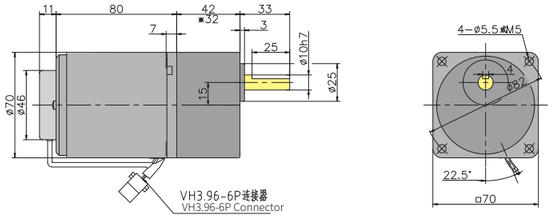
注：带“※”的尺寸表示速比3~18的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 to 18 when it has a short housing.

调速电机 Speed Control Motor

微型交流光电机
Miniature AC Optical Motor
3IK15RA-C



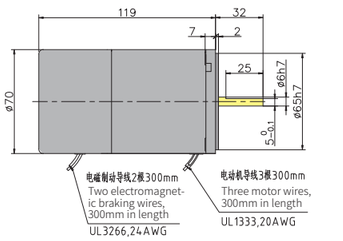
微型交流光电机+标准减速机
Miniature AC Optical Motor + Standard Reducer
3IK15RGN-C/3GN□K



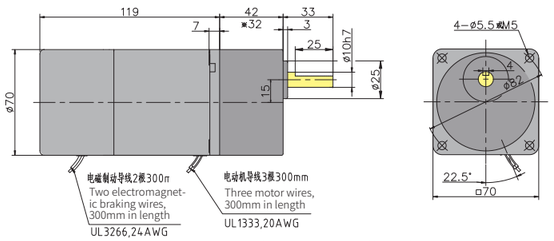
注：带“※”的尺寸表示速比3~18的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 to 18 when it has a short housing.

刹车电机 Brake Motor

微型交流光电机
Miniature AC Optical Motor
3RK15A-□M



微型交流光电机+标准减速机
Miniature AC Optical Motor + Standard Reducer
3RK15GN-□M/3GN□K



注：带“※”的尺寸表示速比3~18的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 to 18 when it has a short housing.

25W

电机参数 Motor Parameters

型号 Model		输出功率W Output Power (W)	电压V Voltage (V)	频率Hz Frequency (Hz)	电流A Current (A)	额定转速r/min Rated Speed (r/min)	起动转矩mN.m Starting Torque (mN·m)	额定转矩mN.m Rated Torque (mN·m)	运行电容 Running Capacitor
齿轮轴 Gear Shaft	圆轴 circular shaft								
4IK25GN-A	4IK25A-A	25	单相110 Single - phase 110	50	0.45	1250	120	200	8
				60	0.5	1550	120	165	
4IK25GN-C	4IK25A-C	25	单相220 Single - phase 220	50	0.25	1250	120	200	1.8
				60	0.25	1550	120	165	
4IK25GN-S	4IK25A-S	25	三相220 Three - phase 220	50	0.185	1250	350	200	
				60	0.17	1550	250	165	
4IK25GN-S3	4IK25A-S3	25	三相380 Three - phase 380	50	0.14	1300	350	200	
				60	0.11	1600	250	165	
4RK25GN-A	4RK25A-A	25	单相110 Single - phase 110	50	0.59	1250	160	200	10
				60	0.55	1550	140	165	
4RK25GN-C	4RK25A-C	25	单相220 Single - phase 220	50	0.29	1250	140	200	2.2
				60	0.25	1550	108	165	
4RK25GN-AM	4RK25A-AM	25	单相110 Single - phase 110	50	0.59	1250	160	200	10
				60	0.56	1550	105	105	
4RK25GN-CM	4RK25A-CM	25	单相220 Single - phase 220	50	0.29	1250	140	200	1.8
				60	0.29	1550	105	165	
4RK25GN-SM	4RK25A-SM	25	三相220 Three - phase 220	50	0.185	1200	350	200	
				60	0.17	1550	250	165	

容许力矩 Allowable Torque

- 表中转速是以电机的同步转速（50Hz：1500r/min、60Hz：1800r/min）为基础除以减速比而计算出的数值。The rotational speed in the table is a value calculated by dividing the synchronous rotational speed of the motor (50Hz: 1500r/min, 60Hz: 1800r/min) by the reduction ratio.
- 表中的容许力矩是以电机的启动力矩 × 减速比 × 效率而得到。The allowable torque in the table is obtained by multiplying the starting torque of the motor × the reduction ratio × the efficiency.
- 减速箱的最大容许力矩为 8N.M。The maximum allowable torque of the reduction gearbox is 8N.M.

上段 (N.m)/下段 (kgf.cm) Upper Section (N.m) / Lower Section (kgf.cm)

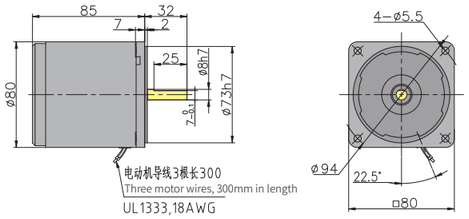
类型 Type	减速比 Reduction Ratio		3	3.6	5	6	7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180	200
电机/减速机 Motor/Reducer	转速/rpm Rotational Speed/rpm	50HZ	500	417	300	250	200	166	120	100	83	60	50	41	30	25	20	16	15	12	10	8	7.5
		60HZ	600	500	360	300	240	200	144	120	100	72	60	50	36	30	24	20	18	15	12	10	9
25W	4GN□K 4GU□RC 4GU□RT	50HZ	0.49	0.58	0.81	0.97	1.2	1.5	2	2.4	2.9	3.7	4.4	5.3	6.6	7.9	8	8	8	8	8	8	8
			5	5.91	8.26	9.89	12.2	15.3	20.4	24.4	29.6	37.7	44.9	54.1	67.3	80	80	80	80	80	80	80	80
		60HZ	0.4	0.48	0.67	0.8	1	1.2	1.7	2	2.4	3	3.6	4.3	5.4	6.5	8	8	8	8	8	8	8
			4.08	4.89	6.83	8.16	10.2	12.2	17.3	20.4	24.4	30.6	36.7	43.8	55.1	66.3	80	80	80	80	80	80	80

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25W感应/可逆电机 25W Induction/Reversible Motor

感应/可逆电机

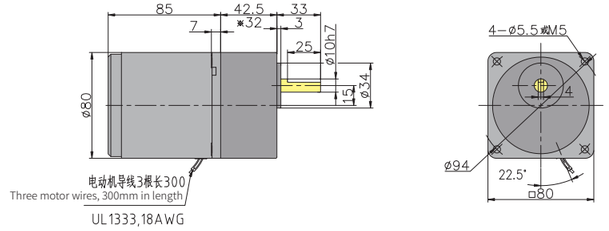
微型交流光电机
Miniature AC Optical Motor

4IK25A-□



微型交流电机+标准减速机
Miniature AC Optical Motor + Standard Reducer

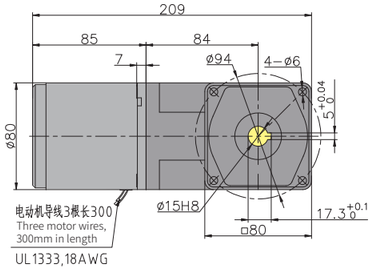
4IK25GN-□/4GN□K

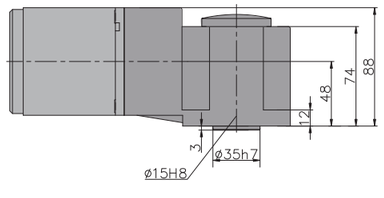


注：带“※”的尺寸表示速比3~18的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 to 18 when it has a short housing.

微型交流电机+直角中空减速机
Miniature AC Motor + Right-angle Hollow Reducer

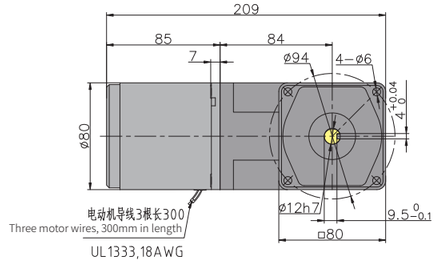
4IK25GU-□/4GU□RC

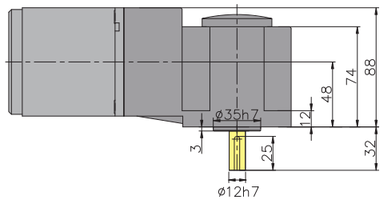




微型交流电机+直角中实减速机
Miniature AC Motor + Right - angle Solid - shaft Reducer

4IK25GU-□/4GU□RT

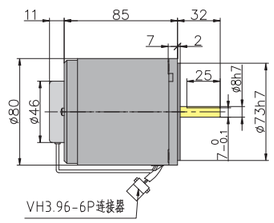


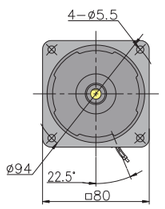


调速电机 Speed Control Motor

微型交流光电机
Miniature AC Optical Motor

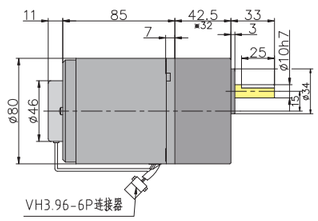
4IK25RA-□

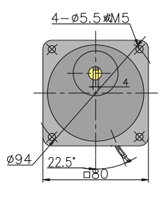




微型交流电机+标准减速机
Miniature AC Optical Motor + Standard Reducer

4IK25RGN-□/4GN□K

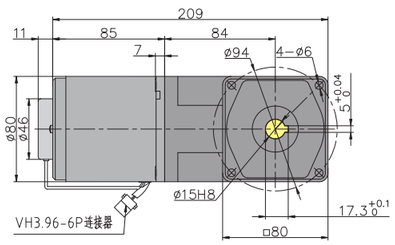


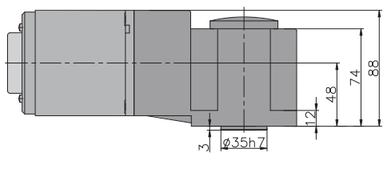


注：带“※”的尺寸表示速比3~18的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 to 18 when it has a short housing.

微型交流电机+直角中空减速机
Miniature AC Motor + Right-angle Hollow Reducer

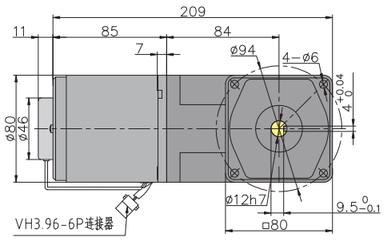
4IK25RGU-□/4GU□RC

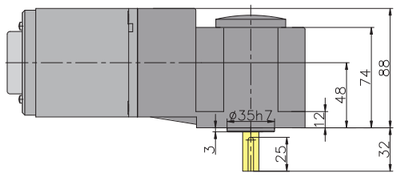




微型交流电机+直角中实减速机
Miniature AC Motor + Right-angle Hollow Reducer

4IK25RGU-□/4GU□RT

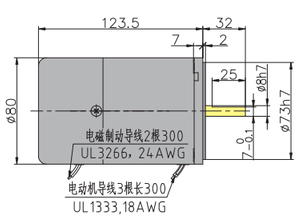


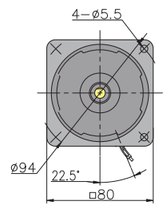


刹车电机 Brake Motor

微型交流光电机
Miniature AC Optical Motor

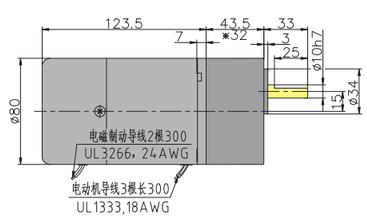
4RK25A-□M

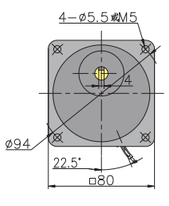




微型交流电机+标准减速机
Miniature AC Optical Motor + Standard Reducer

4RK25GN-□M/4GN□K

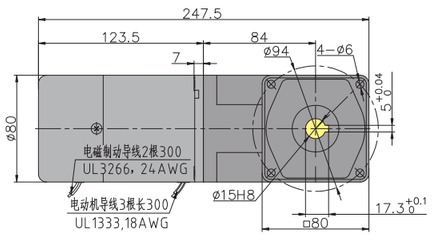


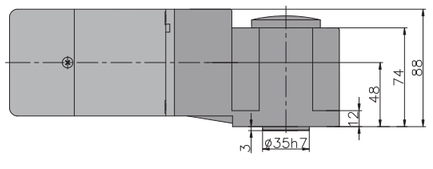


注：带“※”的尺寸表示速比3~18的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 to 18 when it has a short housing.

微型交流电机+直角中空减速机
Miniature AC Motor + Right-angle Hollow Reducer

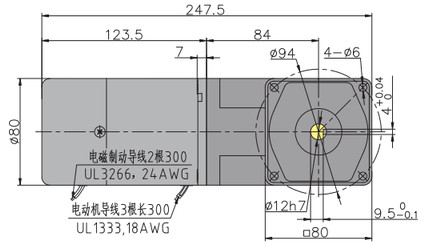
4RK25GU-□M/4GU□RC

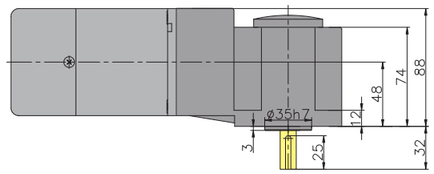




微型交流电机+直角中实减速机
Miniature AC Motor + Right-angle Hollow Reducer

4RK25GU-□M/4GU□RT





40W

电机参数 Motor Parameters

型号 Model		输出功率 W Output Power (W)	电压V Voltage (V)	频率Hz Frequency (Hz)	电流A Current (A)	额定转速 r/min Rated Speed (r/min)	起动转矩 mN.m Starting Torque (mN·m)	额定转矩 mN.m Rated Torque (mN·m)	运行电容 Running Capacitor
齿轮轴 Gear Shaft	圆轴 circular shaft								
5IK40GN-A	5IK40A-A	40	单相110 Single - phase 110	50	0.65	1250	220	315	12
				60	0.7	1550	220	260	
5IK40GN-C	5IK40A-C	40	单相220 Single - phase 220	50	0.35	1250	220	315	2.5
				60	0.35	1550	220	260	
5IK40GN-S	5IK40A-S	40	三相220 Three - phase 220	50	0.3	1250	800	315	
				60	0.25	1550	660	250	
5IK40GN-S3	5IK40A-S3	40	三相380 Three - phase 380	50	0.16	1300	900	310	
				60	0.14	1550	750	260	
5RK40GN-A	5RK40A-A	40	单相110 Single - phase 110	50	0.59	1250	300	315	15
				60	0.69	1550	300	260	
5RK40GN-C	5RK40A-C	40	单相220 Single - phase 220	50	0.36	1250	270	315	3
				60	0.4	1550	270	260	
5RK40GN-AM	5RK40A-AM	40	单相110 Single - phase 110	50	0.78	1250	300	315	15
				60	1.05	1550	300	260	
5RK40GN-CM	5RK40A-CM	40	单相220 Single - phase 220	50	0.45	1250	270	315	3
				60	0.36	1550	270	315	
5RK40GN-SM	5RK40A-SM	40	三相220 Three - phase 220	50	0.3	1200	800	315	
				60	0.25	1550	660	250	

容许力矩 Allowable Torque

- 表中转速是以电机的同步转速（50Hz：1500r/min、60Hz：1800r/min）为基础除以减速比而计算出的数值。The rotational speeds in the table are calculated values obtained by dividing the synchronous rotational speed of the motor (50Hz: 1500r/min, 60Hz: 1800r/min) by the reduction ratio.
- 想要获得比下表更大的减速比，可以在电机与减速机中间安装减速比为 10 的中间减速箱，减速比将扩大 10 倍。If you want to obtain a larger reduction ratio than that in the following table, you can install an intermediate reduction gearbox with a reduction ratio of 10 between the motor and the reducer, and the reduction ratio will be increased by 10 times.
- 表中的容许力矩是以电机的启动力矩 × 减速比 × 效率而得到。The allowable torque in the table is obtained by multiplying the starting torque of the motor × the reduction ratio × the efficiency.
- 减速箱的最大容许力矩为 10N.M。The maximum allowable torque of the reduction gearbox is 10N.M.

上段 (N.m)/下段 (kgf.cm) Upper Section (N.m) / Lower Section (kgf.cm)

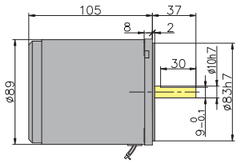
类型 Type	减速比 Reduction Ratio		3	3.6	5	6	7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180	200
电机/减速机 Motor/Reducer	转速/rpm Rotational Speed/rpm	50HZ	500	417	300	250	200	166	120	100	83	60	50	41	30	25	20	16	15	12	10	8	7.5
		60HZ	600	500	360	300	240	200	144	120	100	72	60	50	36	30	24	20	18	15	12	10	9
40W	5GN□K 5GU□RC 5GU□RT	50HZ	0.77	0.92	1.3	1.5	1.9	2.3	3.2	3.8	4.6	5.7	6.9	8.3	10	10	10	10	10	10	10	10	10
			7.85	9.38	13.2	15.3	19.4	23.4	32.6	38.7	46.9	58.1	70.4	84.7	100	100	100	100	100	100	100	100	100
		60HZ	0.63	0.76	1.1	1.3	1.6	1.9	2.6	3.2	3.8	4.7	5.7	6.8	10	10	10	10	10	10	10	10	10
			6.42	7.75	11.2	13.2	16.3	19.3	26.5	32.6	38.7	47.9	58.1	69.3	100	100	100	100	100	100	100	100	100

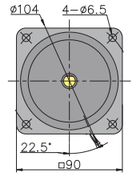
CHBNS 传承之道 稳行致远
THE WAY OF INHERITANCE IS STEADY AND FAR-REACHING
传动装置专业制造商
PROFESSIONAL MANUFACTURER OF TRANSMISSION DEVICE
40W感应/可逆电机 40W Induction/Reversible Motor

感应/可逆电机 Induction/Reversible Motor

微型交流光电机
Miniature AC Optical Motor

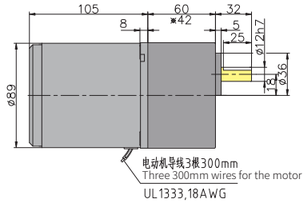
5IK40A-□

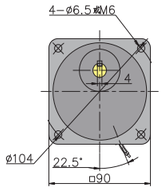




微型交流电机+标准减速机
Miniature AC Optical Motor + Standard Reducer

5IK40GN-□/5GN□K

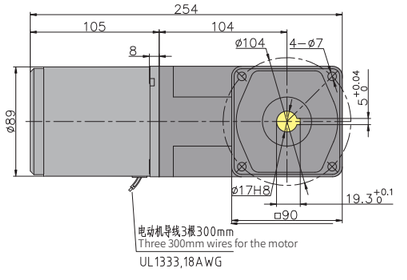


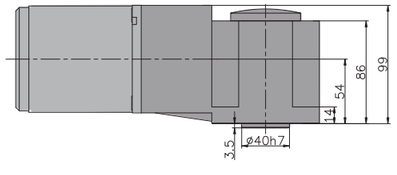


注：带“※”的尺寸表示速比3~18的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 to 18 when it has a short housing.

微型交流电机+直角中空减速机
Miniature AC Motor + Right-angle Hollow Reducer

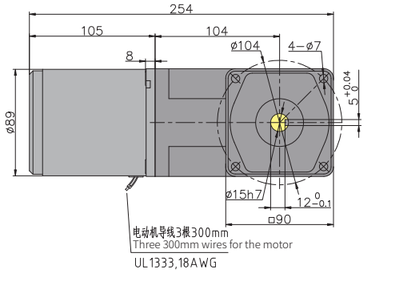
5IK40GU-□/5GU□RC

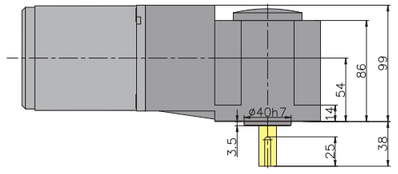




微型交流电机+直角中实减速机
Miniature AC Motor + Right-angle Hollow Reducer

5IK40GU-□/5GU□RT

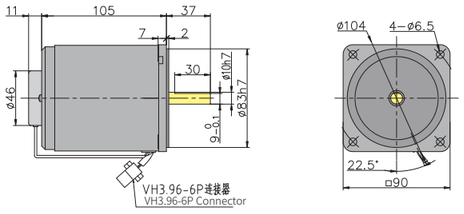




调速电机 Speed Control Motor

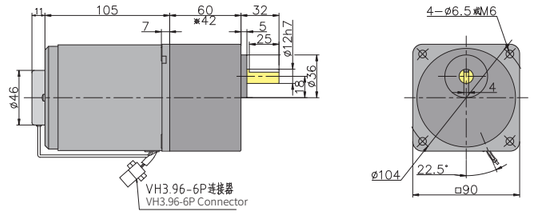
微型交流光电机
Miniature AC Optical Motor

5IK40RA-□



微型交流电机+标准减速机
Miniature AC Optical Motor + Standard Reducer

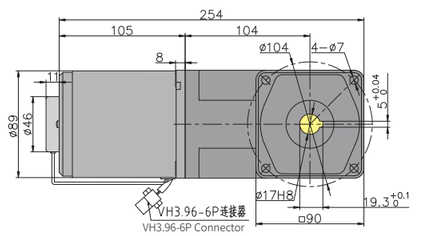
5IK40RGN-□/5GN□K

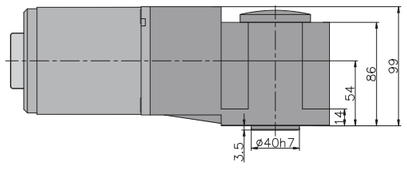


注：带“※”的尺寸表示速比3~18的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 to 18 when it has a short housing.

微型交流电机+直角中空减速机
Miniature AC Motor + Right-angle Hollow Reducer

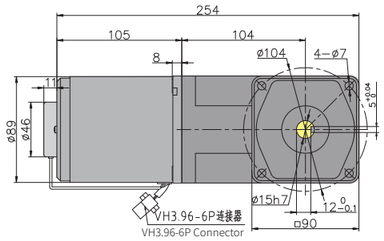
5IK40RGU-□/5GU□RC

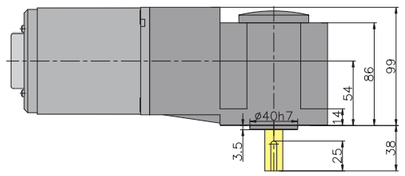




微型交流电机+直角中实减速机
Miniature AC Motor + Right-angle Hollow Reducer

5IK40RGU-□/5GU□RT

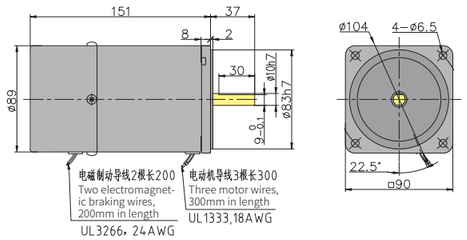




刹车电机 Brake Motor

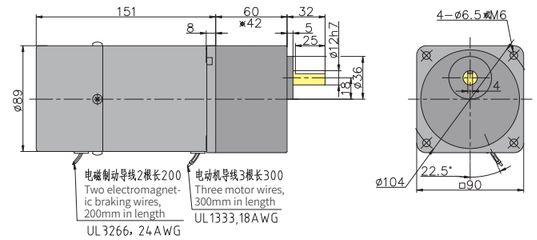
微型交流光电机
Miniature AC Optical Motor

5RK40A-□M



微型交流电机+标准减速机
Miniature AC Optical Motor + Standard Reducer

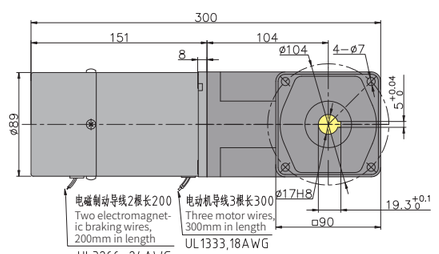
5RK40GN-□M/5GN□K

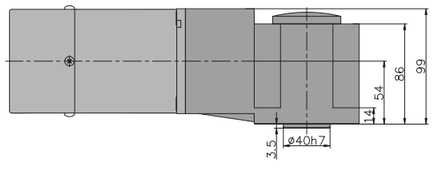


注：带“※”的尺寸表示速比3~18的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 to 18 when it has a short housing.

微型交流电机+直角中空减速机
Miniature AC Motor + Right-angle Hollow Reducer

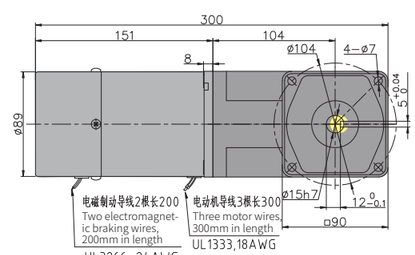
5RK40GU-□M/5GU□RC

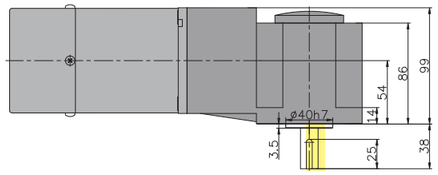




微型交流电机+直角中实减速机
Miniature AC Motor + Right-angle Hollow Reducer

5RK40GU-□M/5GU□RT





60W

电机参数 Motor Parameters

型号 Model		输出功率 W Output Power (W)	电压V Voltage (V)	频率Hz Frequency (Hz)	电流A Current (A)	额定转速 r/min Rated Speed (r/min)	起动转矩 mN.m Starting Torque (mN·m)	额定转矩 mN.m Rated Torque (mN·m)	运行电容 Running Capacitor
齿轮轴 Gear Shaft	圆轴 circular shaft								
5IK60GN-AF 5IK60GU-AF	5IK60A-AF	60	单相110 Single - phase 110	50	1	1250	320	470	20
				60	1.1	1550	320	380	
5IK60GN-CF 5IK60GU-CF	5IK60A-CF	60	单相220 Single - phase 220	50	0.5	1250	340	470	3
				60	0.47	1550	340	405	
5IK60GN-SF 5IK60GU-SF	5IK60A-SF	60	三相220 Three - phase 220	50	0.45	1250	1000	470	
				60	0.4	1550	800	380	
5IK60GN-S3F 5IK60GU-S3F	5IK60A-S3F	60	三相380 Three - phase 380	50	0.25	1300	1000	470	
				60	0.21	1550	800	380	
5RK60GN-AF 5RK60GU-AF	5RK60A-AF	60	单相110 Single - phase 110	50	1.26	1250	470	470	25
				60	1.7	1550	470	380	
5RK60GN-CF 5RK60GU-CF	5RK60A-CF	60	单相220 Single - phase 220	50	0.55	1250	420	470	4.5
				60	0.55	1550	420	380	
5RK60GN-AMF 5RK60GU-AMF	5RK60A-AMF	60	单相110 Single - phase 110	50	1.26	1250	470	470	25
				60	1.7	1550	470	380	
5RK60GN-CMF 5RK60GU-CMF	5RK60A-CMF	60	单相220 Single - phase 220	50	0.55	1250	420	470	4.5
				60	0.6	1550	420	405	
5RK60GN-SMF 5RK60GU-SMF	5RK60A-SMF	60	三相220 Three - phase 220	50	0.45	1200	1000	470	
				60	0.4	1550	800	380	

容许力矩 Allowable Torque

- 表中转速是以电机的同步转速（50Hz：1500r/min、60Hz：1800r/min）为基础除以减速比而计算出的数值。The rotational speeds in the table are calculated values obtained by dividing the synchronous rotational speed of the motor (50Hz: 1500r/min, 60Hz: 1800r/min) by the reduction ratio.
- 想要获得比下表更大的减速比，可以在电机与减速机中间安装减速比为 10 的中间减速箱，减速比将扩大 10 倍。If you want to obtain a larger reduction ratio than that in the following table, you can install an intermediate reduction gearbox with a reduction ratio of 10 between the motor and the reducer, and the reduction ratio will be increased by 10 times.
- 表中的容许力矩是以电机的启动力矩 × 减速比 × 效率而得到。The allowable torque in the table is obtained by multiplying the starting torque of the motor × the reduction ratio × the efficiency.
- 减速箱的最大容许力矩为 20N.M。The maximum allowable torque of the reduction gearbox is 20N.M.

上段 (N.m)/下段 (kgf.cm) Upper Section (N.m) / Lower Section (kgf.cm)

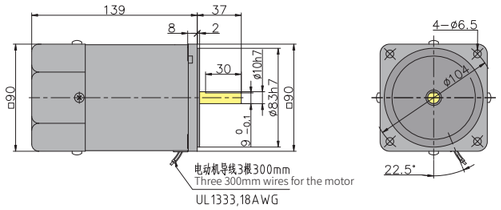
类型 Type	减速比 Reduction Ratio		3	3.6	5	6	7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180	200
电机/减速机 Motor/Reducer	转速/rpm Rotational Speed/rpm	50HZ	500	417	300	250	200	166	120	100	83	60	50	41	30	25	20	16	15	12	10	8	7.5
		60HZ	600	500	360	300	240	200	144	120	100	72	60	50	36	30	24	20	18	15	12	10	9
60W	5GN□K	50HZ	1.1	1.4	1.9	2.3	2.9	3.4	4.8	5.7	6.8	8.6	10	10	10	10	10	10	10	10	10	10	10
			11.2	14.2	19.3	23.4	29.6	34.7	48.9	58.1	69.3	87.7	100	100	100	100	100	100	100	100	100	100	100
		60HZ	0.92	1.1	1.5	1.8	2.3	2.8	3.8	4.6	5.5	6.9	8.3	10	10	10	10	10	10	10	10	10	10
			9.38	11.2	15.3	18.3	23.4	28.5	38.7	46.9	56.1	70.1	84.7	100	100	100	100	100	100	100	100	100	100
	5GU□KB 5GU□RC 5GU□RT	50HZ	1.1	1.4	1.9	2.3	2.9	3.4	4.3	5.1	6.2	7.7	9.3	11.2	15.5	18.6	20	20	20	20	20	20	20
			11.2	14.2	19.3	23.4	29.6	34.7	43.9	52	63.2	78.6	95	114	158	190	200	200	200	200	200	200	200
		60HZ	0.92	1.1	1.5	1.8	2.3	2.8	3.5	4.2	5	6.3	7.5	9	12.5	15	18.8	10	10	10	10	10	10
			9.38	11.2	15.3	18.3	23.4	28.5	35.7	42.9	51	64.3	76.5	92	128	153	192	100	100	100	100	100	100

CHBNS 传承之道 稳行致远 THE WAY OF INHERITANCE IS STEADY AND FAR-REACHING
传动装置专业制造商 PROFESSIONAL MANUFACTURER OF TRANSMISSION DEVICE
60W感应/可逆电机 60W Induction/Reversible Motor

感应/可逆电机 Induction/Reversible Motor

微型交流光电机 轴径10

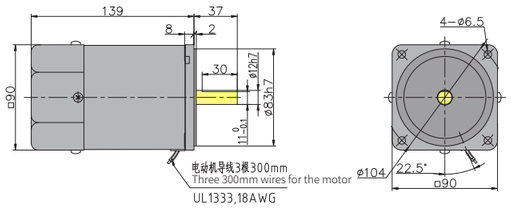
5IK60A-□



微型交流光电机 轴径12

Miniature AC Optical Motor, Shaft Diameter 12

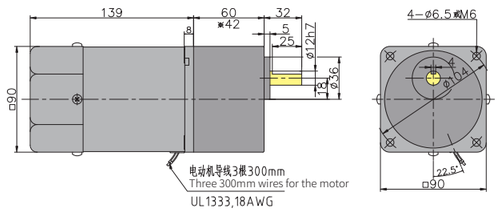
5IK60A-□



微型交流电机+标准减速机 轴径12

Miniature AC Motor + Standard Reducer, Shaft Diameter 12

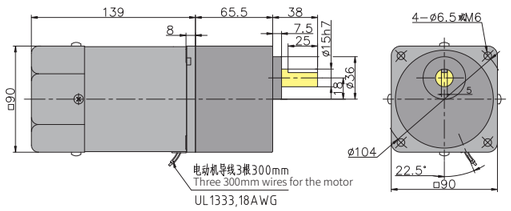
5IK60GN-□/5GN□K



微型交流电机+标准减速机 轴径15

Miniature AC Motor + Standard Reducer, Shaft Diameter 15

5IK60GU-□/5GU□KB

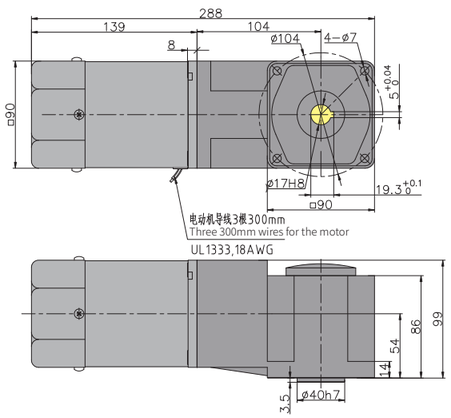


注：带“※”的尺寸表示速比3~18的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 to 18 when it has a short housing.

微型交流电机+直角中空减速机

Miniature AC Motor + Right-angle Hollow Reducer

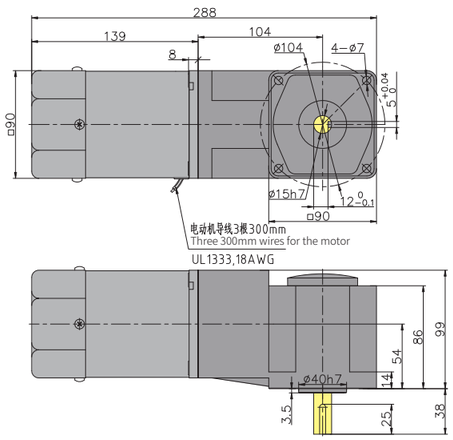
5IK60GU-□/5GU□RC



微型交流电机+直角中实减速机

Miniature AC Motor + Right-angle Solid-shaft Reducer

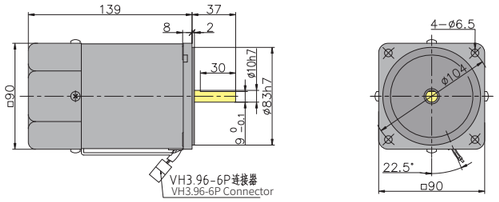
5IK60GU-□/5GU□RT



调速电机 Speed Control Motor

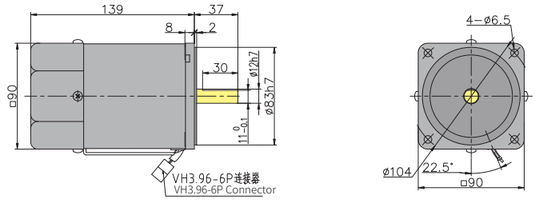
微型交流光电机 轴径10
Miniature AC Optical Motor, Shaft Diameter 10

5IK60RA-□



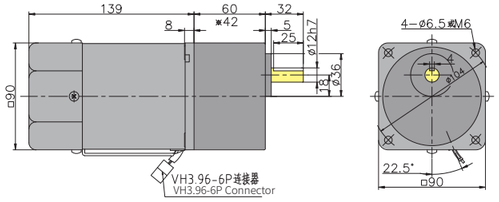
微型交流光电机 轴径12
Miniature AC Optical Motor, Shaft Diameter 12

5IK60RA-□



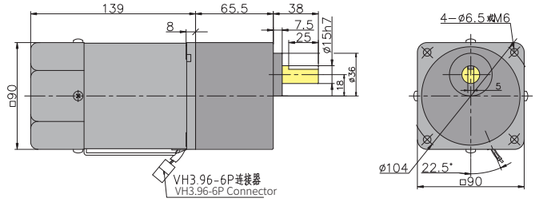
微型交流电机+标准减速机 轴径12
Miniature AC Motor + Standard Reducer, Shaft Diameter 12

5IK60RGN-□/5GN□K



微型交流电机+标准减速机 轴径15
Miniature AC Motor + Standard Reducer, Shaft Diameter 15

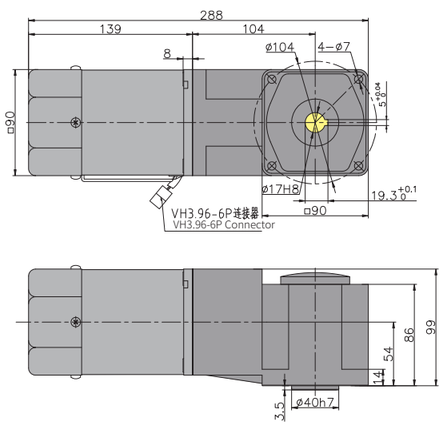
5IK60RGU-□/5GU□KB



注：带“※”的尺寸表示速比3~18的减速机为短箱体时的长度
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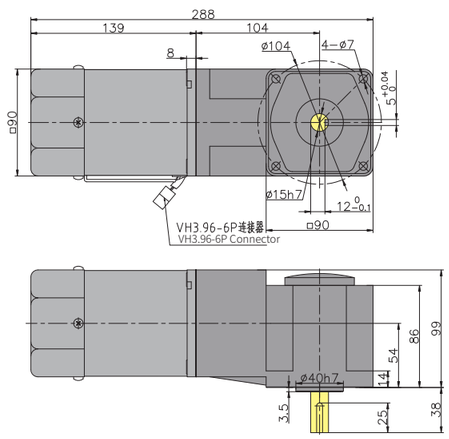
微型交流电机+直角中空减速机
Miniature AC Motor + Right-angle Hollow Reducer

5IK60RGU-□/5GU□RC



微型交流电机+直角中实减速机
Miniature AC Motor + Right-angle Solid-shaft Reducer

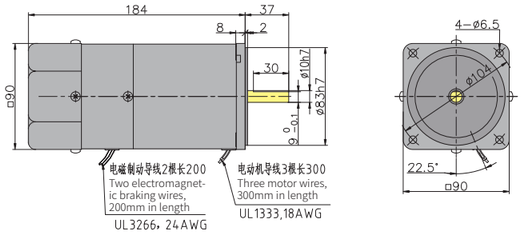
5IK60RGU-□/5GU□RT



刹车电机 Brake Motor

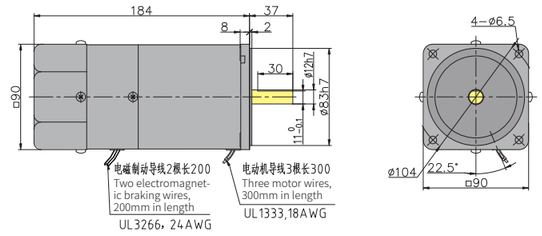
微型交流光电机 轴径10
Miniature AC Optical Motor, Shaft Diameter 10

5RK60A-□M



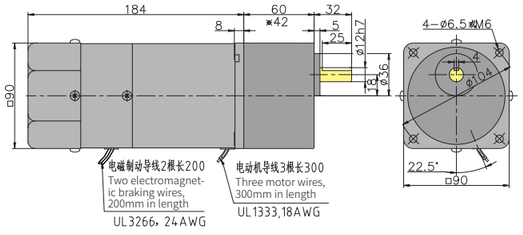
微型交流光电机 轴径12
Miniature AC Optical Motor, Shaft Diameter 12

5RK60A-□M



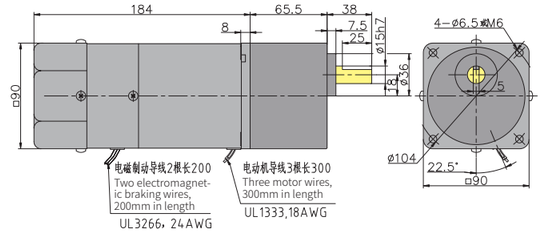
微型交流电机+标准减速机 轴径12
Miniature AC Motor + Standard Reducer, Shaft Diameter 12

5RK60GN-□M/5GN□K



微型交流电机+标准减速机 轴径15
Miniature AC Motor + Standard Reducer, Shaft Diameter 15

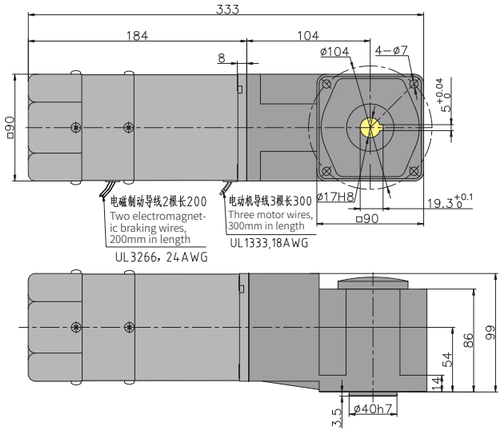
5RK60GU-□M/5GU□KB



注：带“※”的尺寸表示速比3~18的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 to 18 when it has a short housing.

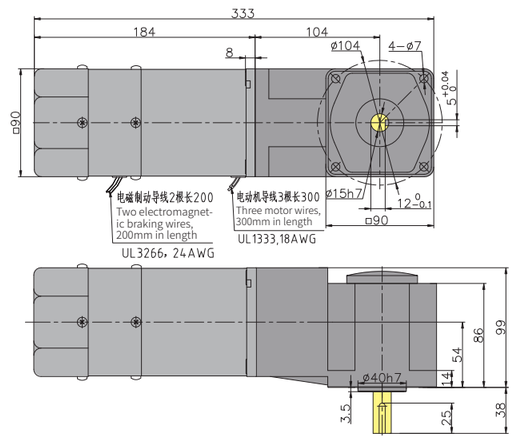
微型交流电机+直角中空减速机
Miniature AC Motor + Right-angle Hollow Reducer

5RK60GU-□M/5GU□RC



微型交流电机+直角中实减速机
Miniature AC Motor + Right-angle Solid-shaft Reducer

5RK60GU-□M/5GU□RT



90W

电机参数 Motor Parameters

型号 Model		输出功率 W Output Power (W)	电压V Voltage (V)	频率Hz Frequency (Hz)	电流A Current (A)	额定转速 r/min Rated Speed (r/min)	起动转矩 mN.m Starting Torque (mN·m)	额定转矩 mN.m Rated Torque (mN·m)	运行电容 Running Capacitor
齿轮轴 Gear Shaft	圆轴 circular shaft								
5IK90GU-AF	5IK90A-AF	90	单相110 Single - phase 110	50	1.551	1250	450	700	20
				60	1.85	1550	450	570	
5IK90GU-CF	5IK90A-CF	90	单相220 Single - phase 220	50	0.72	1250	450	700	5
				60	0.78	1550	420	600	
5IK90GU-SF	5IK90A-SF	90	三相220 Three - phase 220	50	0.6	1250	1350	700	
				60	0.55	1550	1100	570	
5IK90GU-S3F	5IK90A-S3F	90	三相380 Three - phase 380	50	0.33	1300	1350	700	
				60	0.28	1550	1100	550	
5RK90GU-AF	5RK90A-AF	90	单相110 Single - phase 110	50	1.78	1250	600	700	30
				60	2.35	1550	600	570	
5RK90GU-CF	5RK90A-CF	90	单相220 Single - phase 220	50	0.82	1250	560	700	6
				60	0.86	1550	370	600	
5RK90GU-AMF	5RK90A-AMF	90	单相110 Single - phase 110	50	1.78	1250	600	700	30
				60	2.35	1550	600	570	
5RK90GU-CMF	5RK90A-CMF	90	单相220 Single - phase 220	50	0.82	1250	560	700	6
				60	0.85	1550	420	600	
5RK90GU-SMF	5RK90A-SMF	90	三相220 Three - phase 220	50	0.6	1200	1350	700	
				60	0.55	1550	1100	570	

容许力矩 Allowable Torque

- 表中转速是以电机的同步转速（50Hz：1500r/min、60Hz：1800r/min）为基础除以减速比而计算出的数值。The rotational speeds in the table are calculated values obtained by dividing the synchronous rotational speed of the motor (50Hz: 1500r/min, 60Hz: 1800r/min) by the reduction ratio.
- 想要获得比下表更大的减速比，可以在电机与减速机中间安装减速比为 10 的中间减速箱，减速比将扩大 10 倍。If you want to obtain a larger reduction ratio than that in the following table, you can install an intermediate reduction gearbox with a reduction ratio of 10 between the motor and the reducer, and the reduction ratio will be increased by 10 times.
- 表中的容许力矩是以电机的启动力矩 × 减速比 × 效率而得到。The allowable torque in the table is obtained by multiplying the starting torque of the motor × the reduction ratio × the efficiency.
- 减速箱的最大容许力矩为 20N.M。The maximum allowable torque of the reduction gearbox is 20N.M.

上段 (N.m)/下段 (kgf.cm) Upper Section (N.m) / Lower Section (kgf.cm)

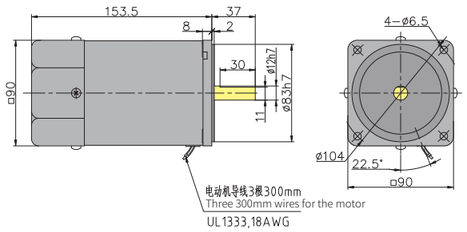
类型 Type	减速比 Reduction Ratio		3	3.6	5	6	7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180	200
电机/减速机 Motor/Reducer	转速/rpm Rotational Speed/rpm	50HZ	500	417	300	250	200	166	120	100	83	60	50	41	30	25	20	16	15	12	10	8	7.5
		60HZ	600	500	360	300	240	200	144	120	100	72	60	50	36	30	24	20	18	15	12	10	9
90W	5GN□K 5GU□KB	50HZ	1.7	2	2.8	3.4	4.3	5.1	3.2	7.7	9.2	11.6	13.6	16.6	10	20	20	20	20	20	20	20	20
			17.3	20.4	28.6	34.7	43.9	52	33	78.6	93.3	118	142	169	100	200	200	200	200	200	200	200	200
	5GU□RC 5GU□RT	60HZ	1.4	1.7	2.3	2.8	3.5	4.2	2.6	6.2	7.5	9.4	11.3	13.5	10	20	20	20	20	20	20	20	20
			14.3	17.2	23.5	28.6	35.7	42.9	27	63.3	76.5	95.9	115	138	100	200	200	200	200	200	200	200	200

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90W感应/可逆电机 90W Induction/Reversible Motor

感应/可逆电机 Induction/Reversible Motor

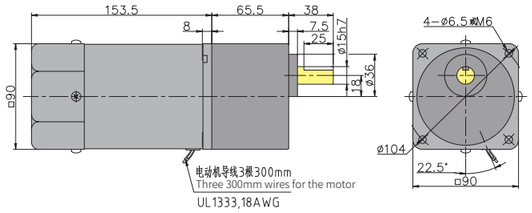
微型交流光电机
Miniature AC Optical Motor

5IK90A-□



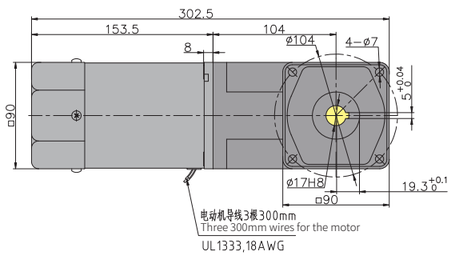
微型交流电机+标准减速机
Miniature AC Optical Motor + Standard Reducer

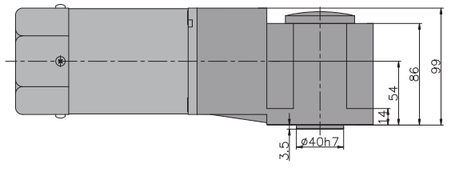
5IK90GU-□/5GU□KB



微型交流电机+直角中空减速机
Miniature AC Motor + Right-angle Hollow Reducer

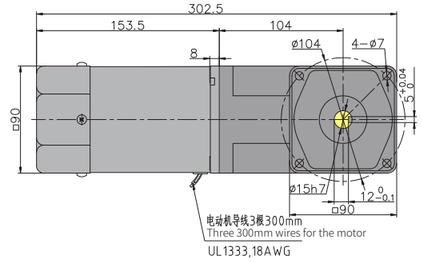
5IK90GU-□/5GU□RC

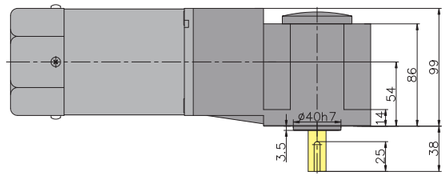




微型交流电机+直角中实减速机
Miniature AC Motor + Right-angle Hollow Reducer

5IK90GU-□/5GU□RT

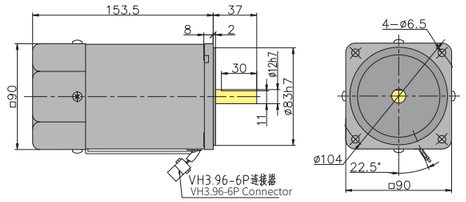




调速电机 Speed Control Motor

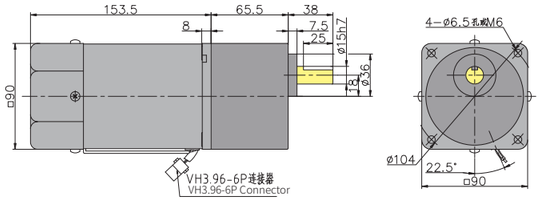
微型交流光电机
Miniature AC Optical Motor

5IK90RA-□



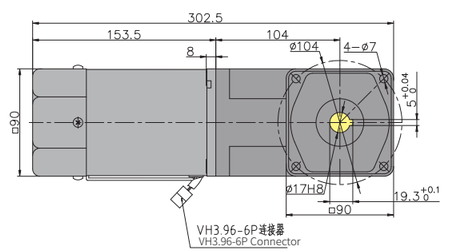
微型交流电机+标准减速机
Miniature AC Optical Motor + Standard Reducer

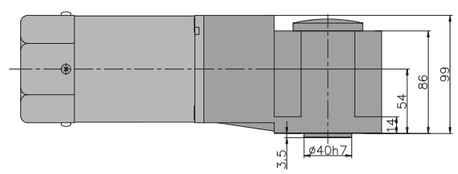
5IK90RGU-□/5GU□KB



微型交流电机+直角中空减速机
Miniature AC Motor + Right-angle Hollow Reducer

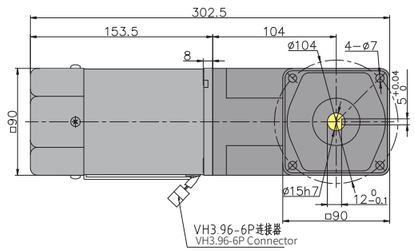
5IK90RGU-□/5GU□RC

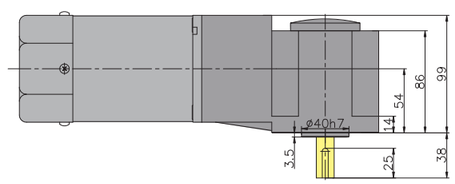




微型交流电机+直角中实减速机
Miniature AC Motor + Right-angle Hollow Reducer

5IK90RGU-□/5GU□RT

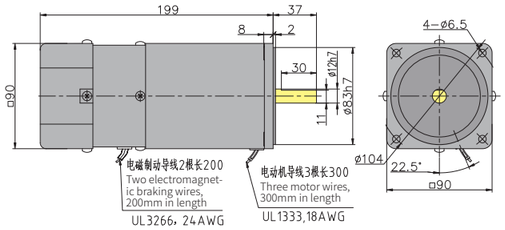




刹车电机 Brake Motor

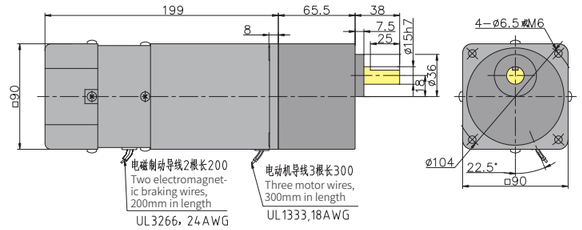
微型交流光电机
Miniature AC Optical Motor

5RK90A-□M



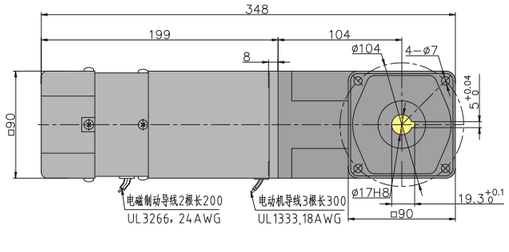
微型交流电机+标准减速机
Miniature AC Optical Motor + Standard Reducer

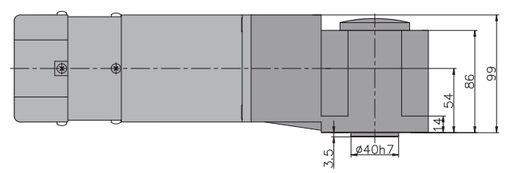
5RK90GU-□M/5GU□KB



微型交流电机+直角中空减速机
Miniature AC Motor + Right-angle Hollow Reducer

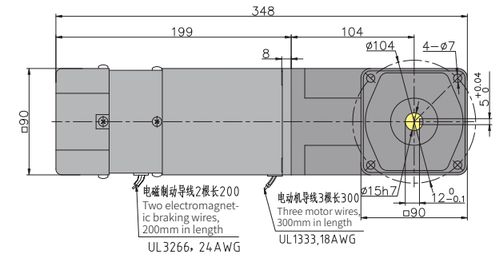
5RK90GU-□M/5GU□RC

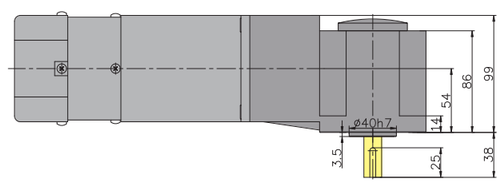




微型交流电机+直角中实减速机
Miniature AC Motor + Right-angle Hollow Reducer

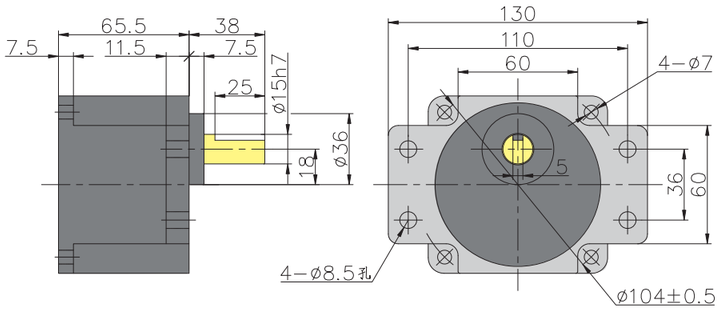
5RK90GU-□M/5GU□RT





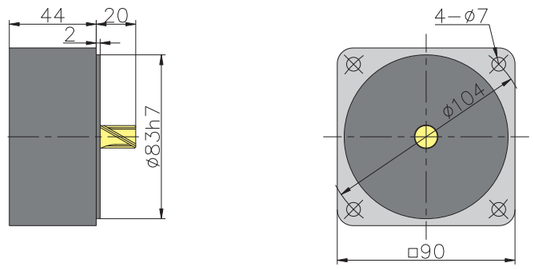
带法兰安装箱体
Casing with Flange Mounting

5GU型
Type 5GU



中间减速箱
Intermediate Reduction Gearbox

5GU10XK（减速比为10）
5GU10XK (Reduction Ratio: 10)



注：减速机容许力矩参考同型号方箱体减速机

Note: The allowable torque of the reducer refers to the reducer of the same model with a square casing.

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120W感应、调速、刹车电机 120W Induction, Speed - Regulating, Brake Motor

120W

电机参数 Motor Parameters

型号 Model		输出功率 W Output Power (W)	电压V Voltage (V)	频率Hz Frequency (Hz)	电流A Current (A)	额定转速 r/min Rated Speed (r/min)	起动转矩 mN.m Starting Torque (mN·m)	额定转矩 mN.m Rated Torque (mN·m)	运行电容 Running Capacitor
齿轮轴 Gear Shaft	圆轴 circular shaft								
5IK120GU-AF	5IK120A-AF	120	单相110 Single - phase 110	50	2.1	1250	600	930	30
				60	2.5	1550	600	750	
5IK120GU-CF	5IK120A-CF	120	单相220 Single - phase 220	50	1	1250	650	930	7
				60	1.1	1550	550	750	
5IK120GU-SF	5IK120A-SF	120	三相220 Three - phase 220	50	0.7	1250	1850	930	
				60	0.6	1550	1600	750	
5IK120GU-S3F	5IK120A-S3F	120	三相380 Three - phase 380	50	0.43	1300	1850	930	
				60	0.36	1550	1600	750	
5RK120GU-AF	5RK120A-AF	120	单相110 Single - phase 110	50	2.25	1250	700	930	35
				60	2.85	1550	700	750	
5RK120GU-CF	5RK120A-CF	120	单相220 Single - phase 220	50	1.15	1250	700	930	8
				60	1.25	1550	700	750	
5RK120GU-AMF	5RK120A-AMF	120	单相110 Single - phase 110	50	2.25	1250	700	930	35
				60	2.85	1550	700	750	
5RK120GU-CMF	5RK120A-CMF	120	单相220 Single - phase 220	50	1.15	1250	720	930	8
				60	1.25	1550	540	800	
5RK120GU-SMF	5RK120A-SMF	120	三相220 Three - phase 220	50	0.7	1200	1850	930	
				60	0.6	1550	1600	750	

容许力矩 Allowable Torque

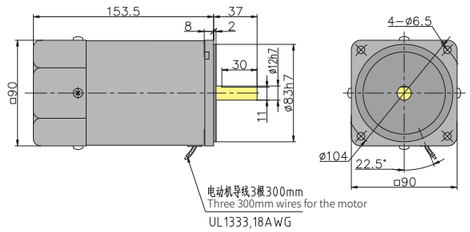
- 表中转速是以电机的同步转速（50Hz：1500r/min、60Hz：1800r/min）为基础除以减速比而计算出的数值。The rotational speeds in the table are calculated values obtained by dividing the synchronous rotational speed of the motor (50Hz: 1500r/min, 60Hz: 1800r/min) by the reduction ratio.
- 想要获得比下表更大的减速比，可以在电机与减速机中间安装减速比为 10 的中间减速箱，减速比将扩大 10 倍。If you want to obtain a larger reduction ratio than that in the following table, you can install an intermediate reduction gearbox with a reduction ratio of 10 between the motor and the reducer, and the reduction ratio will be increased by 10 times.
- 表中的容许力矩是以电机的启动力矩 × 减速比 × 效率而得到。The allowable torque in the table is obtained by multiplying the starting torque of the motor × the reduction ratio × the efficiency.
- 减速箱的最大容许力矩为 20N.M。The maximum allowable torque of the reduction gearbox is 20N.M.

上段 (N.m)/下段 (kgf.cm) Upper Section (N.m) / Lower Section (kgf.cm)

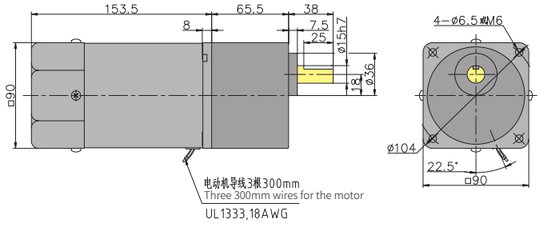
类型 Type	减速比 Reduction Ratio		3	3.6	5	6	7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180	200
电机/减速机 Motor/Reducer	转速/rpm Rotational Speed/rpm	50HZ	500	417	300	250	200	166	120	100	83	60	50	41	30	25	20	16	15	12	10	8	7.5
		60HZ	600	500	360	300	240	200	144	120	100	72	60	50	36	30	24	20	18	15	12	10	9
120W	5GU□K 5GU□KB 5GU□RC 5GU□RT	50HZ	2.3	2.7	3.8	4.5	5.6	6.8	8.5	10.2	12.2	15.3	18.4	20	20	20	20	20	20	20	20	20	20
			23.4	27.5	38.7	45.9	57.1	69	86.7	104	124	156	187	200	200	200	200	200	200	200	200	200	200
		60HZ	1.8	2.2	3	3.6	4.6	5.5	6.8	8.2	9.8	12.4	14.9	17.8	20	20	20	20	20	20	20	20	20
			18.3	22.4	30.6	36.7	46.9	56	69.5	58.3	100	126	152	181	200	200	200	200	200	200	200	200	200

感应/可逆电机 Induction/Reversible Motor

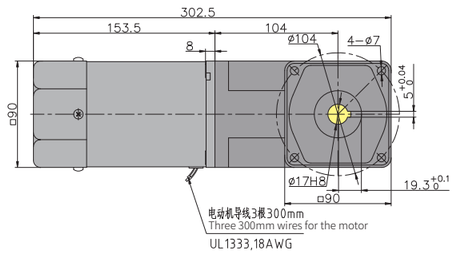
微型交流光电机
Miniature AC Optical Motor
5IK120A-□

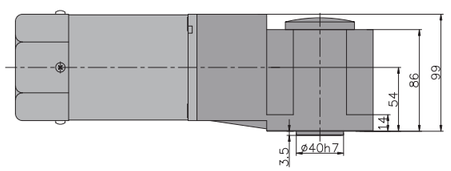


微型交流电机+标准减速机
Miniature AC Optical Motor + Standard Reducer
5IK120GU-□/5GU□KB

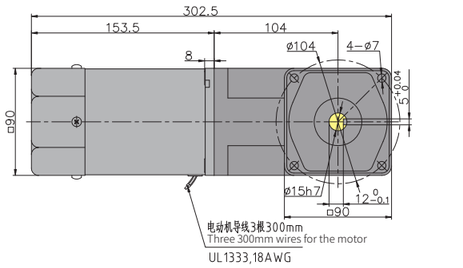


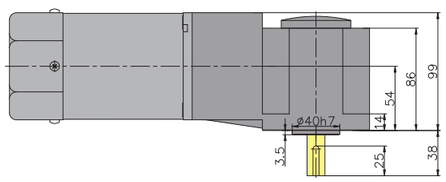
微型交流电机+直角中空减速机
Miniature AC Motor + Right-angle Hollow Reducer
5IK120GU-□/5GU□RC





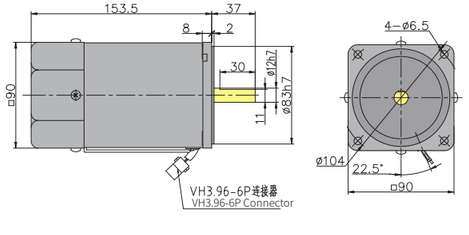
微型交流电机+直角中实减速机
Miniature AC Motor + Right-angle Hollow Reducer
5IK120GU-□/5GU□RT



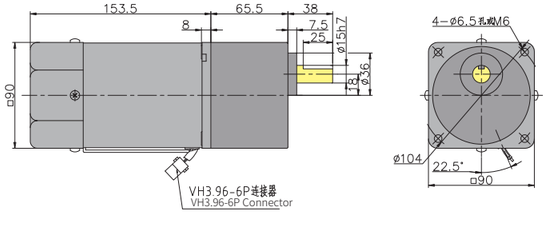


调速电机 Speed Control Motor

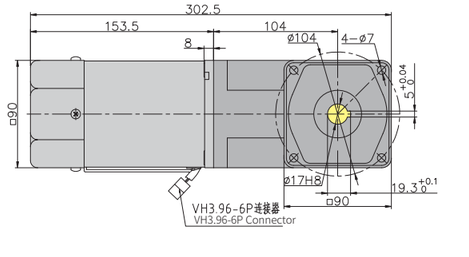
微型交流光电机
Miniature AC Optical Motor
5IK120RA-□

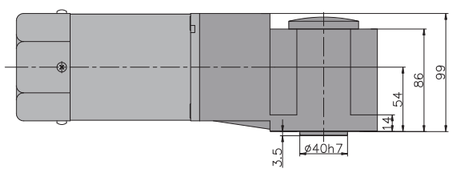


微型交流电机+标准减速机
Miniature AC Optical Motor + Standard Reducer
5IK120RGU-□/5GU□KB

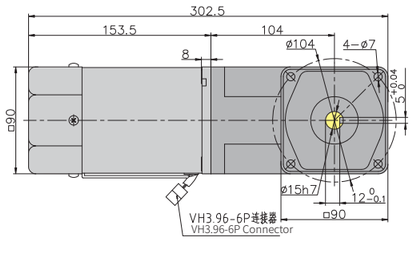


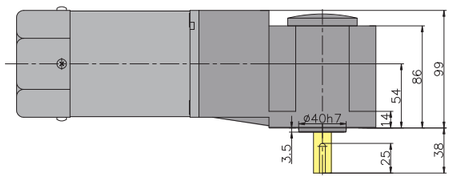
微型交流电机+直角中空减速机
Miniature AC Motor + Right-angle Hollow Reducer
5IK120RGU-□/5GU□RC





微型交流电机+直角中实减速机
Miniature AC Motor + Right-angle Hollow Reducer
5IK120RGU-□/5GU□RT

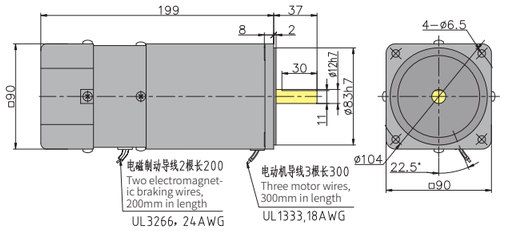




刹车电机 Brake Motor

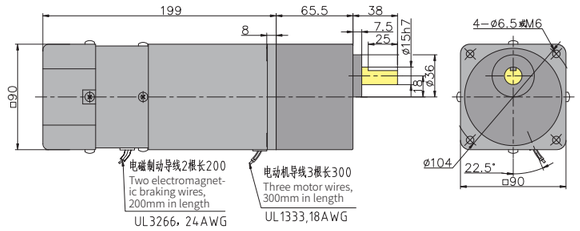
微型交流光电机
Miniature AC Optical Motor

5RK120A-□M



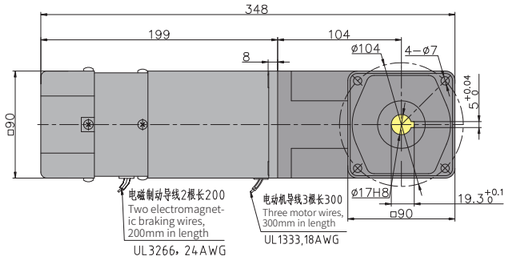
微型交流电机+标准减速机
Miniature AC Optical Motor + Standard Reducer

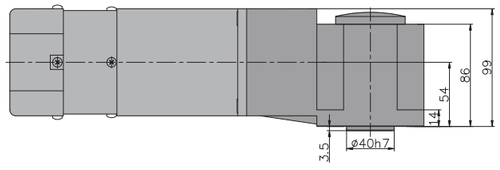
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微型交流电机+直角中空减速机
Miniature AC Motor + Right-angle Hollow Reducer

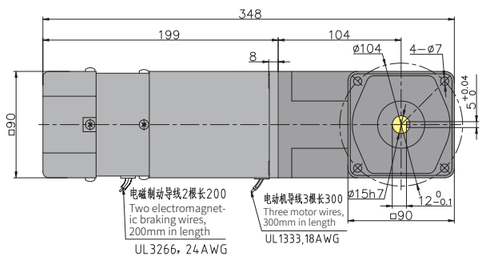
5RK120GU-□M/5GU□RC

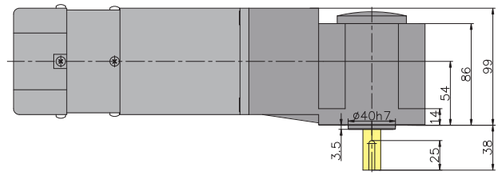




微型交流电机+直角中实减速机
Miniature AC Motor + Right-angle Hollow Reducer

5RK120GU-□M/5GU□RT





140W

电机参数 Motor Parameters

型号 Model		输出功率 W Output Power (W)	电压V Voltage (V)	频率Hz Frequency (Hz)	电流A Current (A)	额定转速 r/min Rated Speed (r/min)	起动转矩 mN.m Starting Torque (mN·m)	额定转矩 mN.m Rated Torque (mN·m)	运行电容 Running Capacitor
齿轮轴 Gear Shaft	圆轴 circular shaft								
6IK140GU-AF	6IK140A-AF	140	单相110 Single - phase 110	50	2.7	1350	700	1080	35
				60	3	1600	700	870	
6IK140GU-CF	6IK140A-CF	140	单相220 Single - phase 220	50	1.05	1350	850	1080	10
				60	1.1	1600	850	870	
6IK140GU-SF	6IK140A-SF	140	三相220 Three - phase 220	50	0.85	1350	2700	1080	
				60	0.75	1600	2200	870	
6IK140GU-S3F	6IK140A-S3F	140	三相380 Three - phase 380	50	0.55	1350	2700	1080	
				60	0.45	1550	2200	870	
6IK140RGU-AF	6IK140RA-AF	140	单相110 Single - phase 110	50	3.4	1250	620	830	35
				60	3.4	1550	620	830	
6IK140RGU-CF	6IK140RA-CF	140	单相220 Single - phase 220	50	1.35	1250	620	830	10
				60	1.3	1550	620	830	
6RK140GU-AMF	6RK140A-AMF	140	单相110 Single - phase 110	50	2.7	1250	700	1080	35
				60	3	1550	700	870	
6RK140GU-CMF	6RK140A-CMF	140	单相220 Single - phase 220	50	1.05	1250	850	1040	10
				60	1.25	1550	850	1040	
6RK140GU-SMF	6RK140A-SMF	140	三相220 Three - phase 220	50	0.85	1250	2700	1080	
				60	0.75	1550	2200	870	

容许力矩 Allowable Torque

- 表中转速是以电机的同步转速（50Hz：1500r/min、60Hz：1800r/min）为基础除以减速比而计算出的数值。The rotational speeds in the table are calculated values obtained by dividing the synchronous rotational speed of the motor (50Hz: 1500r/min, 60Hz: 1800r/min) by the reduction ratio.
- 想要获得比下表更大的减速比，可以在电机与减速机中间安装减速比为 10 的中间减速箱，减速比将扩大 10 倍。If you want to obtain a larger reduction ratio than that in the following table, you can install an intermediate reduction gearbox with a reduction ratio of 10 between the motor and the reducer, and the reduction ratio will be increased by 10 times.
- 表中的容许力矩是以电机的启动力矩 × 减速比 × 效率而得到。The allowable torque in the table is obtained by multiplying the starting torque of the motor × the reduction ratio × the efficiency.
- 减速箱的最大容许力矩为 40N.M。The maximum allowable torque of the reduction gearbox is 40N.M.

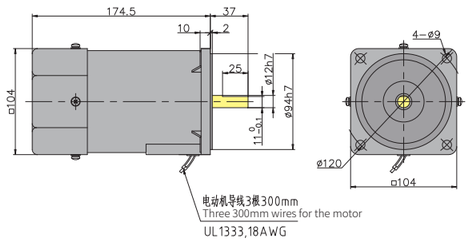
上段 (N.m)/下段 (kgf.cm) Upper Section (N.m) / Lower Section (kgf.cm)

类型 Type	减速比 Reduction 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
电机/减速机 Motor/ Reducer	转速/rpm Rotational Speed/rpm	50HZ	500	417	300	250	200	166	120	100	83	60	50	41	30	25	20	16	15	12	10	8	7.5
		60HZ	600	500	360	300	240	200	144	120	100	72	60	50	36	30	24	20	18	15	12	10	9
140W	6GU□K 6GU□RC 6GU□RT	50HZ	2.6	3.1	4.4	5.2	6.6	7.9	9.9	11.8	14.2	17.8	21.4	25.7	35.6	40	40	40	40	40	40	40	40
			26.5	31.6	44.9	67.3	80.6	101	120	144	181	218	262	363	400	375	400	400	400	400	400	400	400
		60HZ	2.1	2.5	3.5	4.2	5.3	6.3	7.9	9.5	11.4	14.4	17.2	20.7	28.7	34.5	40	40	40	40	40	40	40
			21.4	25.5	35.7	42.8	54	63.2	80.6	96.9	116	147	175	211	292	352	400	400	400	400	400	400	400

感应/可逆电机 Induction/Reversible Motor

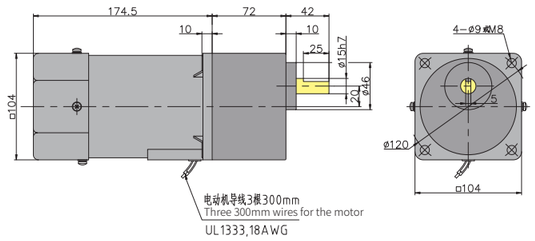
微型交流光电机
Miniature AC Optical Motor

6IK140A-□



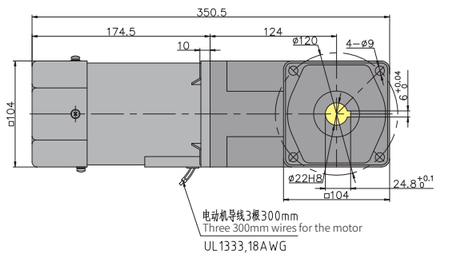
微型交流电机+标准减速机
Miniature AC Optical Motor + Standard Reducer

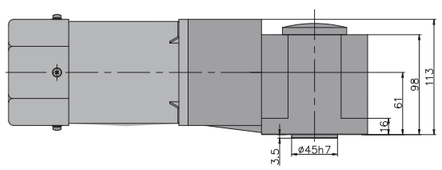
6IK140GU-□/6GU□K



微型交流电机+直角中空减速机
Miniature AC Motor + Right-angle Hollow Reducer

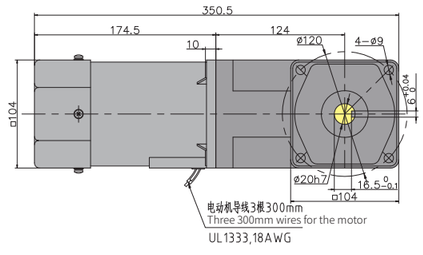
6IK140GU-□/6GU□RC

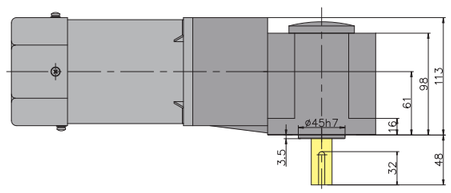




微型交流电机+直角中实减速机
Miniature AC Motor + Right-angle Hollow Reducer

6IK140GU-□/6GU□RT

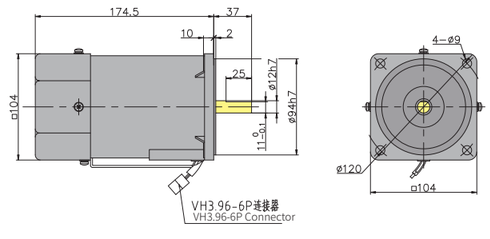




调速电机 Speed Control Motor

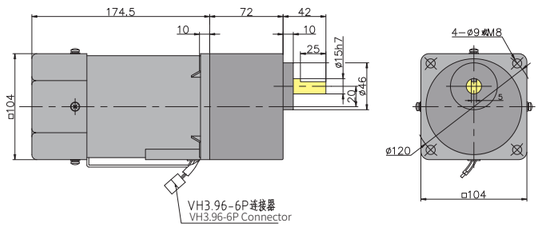
微型交流光电机
Miniature AC Optical Motor

6IK140RA-□



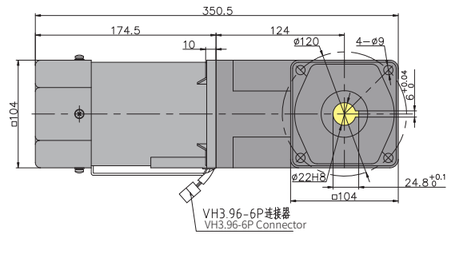
微型交流电机+标准减速机
Miniature AC Optical Motor + Standard Reducer

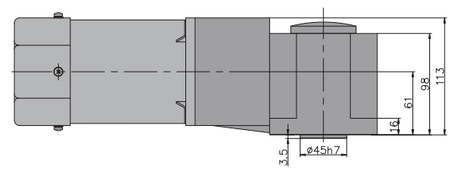
6IK140RGU-□/6GU□K



微型交流电机+直角中空减速机
Miniature AC Motor + Right-angle Hollow Reducer

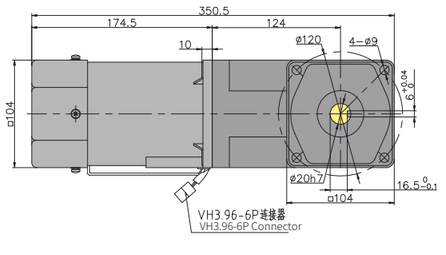
6IK140RGU-□/6GU□RC

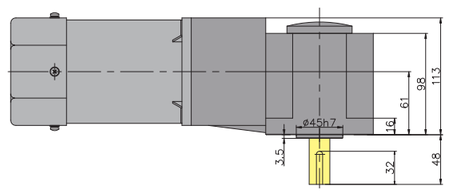




微型交流电机+直角中实减速机
Miniature AC Motor + Right-angle Hollow Reducer

6IK140RGU-□/6GU□RT

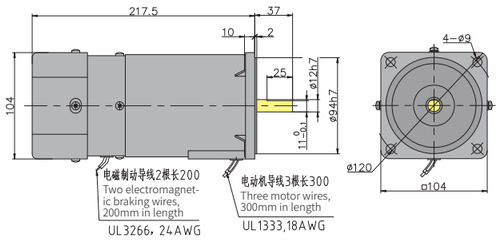




刹车电机 Brake Motor

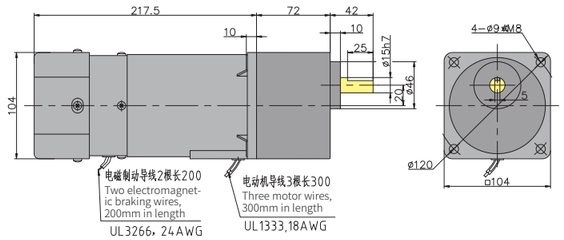
微型交流光电机
Miniature AC Optical Motor

6RK140A-□M



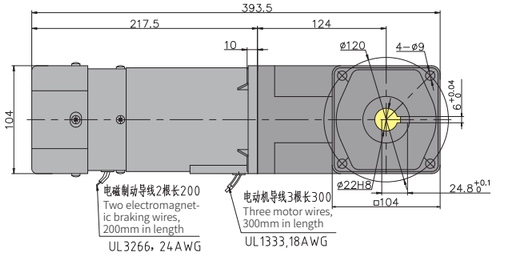
微型交流电机+标准减速机
Miniature AC Optical Motor + Standard Reducer

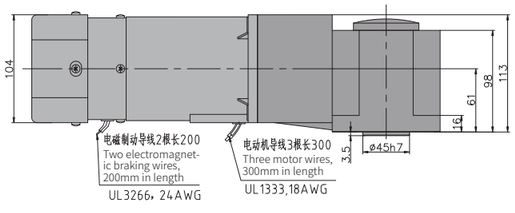
6RK140GU-□M/6GU□K



微型交流电机+直角中空减速机
Miniature AC Motor + Right-angle Hollow Reducer

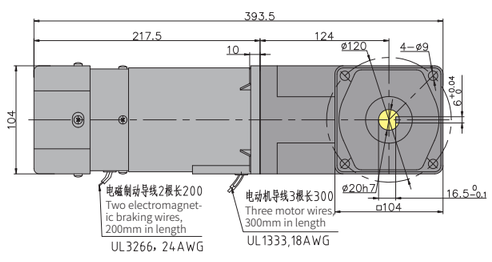
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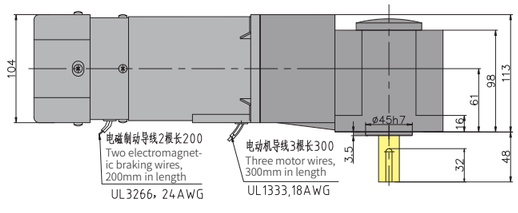




微型交流电机+直角中实减速机
Miniature AC Motor + Right-angle Hollow Reducer

6RK140GU-□M/6GU□RT





200W

电机参数 Motor Parameters

型号 Model		输出功率W Output Power (W)	电压V Voltage (V)	频率Hz Frequency (Hz)	电流A Current (A)	额定转速r/min Rated Speed (r/min)	起动转矩mN.m Starting Torque (mN·m)	额定转矩mN.m Rated Torque (mN·m)	运行电容 Running Capacitor
齿轮轴 Gear Shaft	圆轴 circular shaft								
6IK200GU-AF	6IK200A-AF	200	单相110 Single - phase 110	50	3.2	1350	900	1385	45
				60	3.5	1600	900	1120	
6IK200GU-CF	6IK200A-CF	200	单相220 Single - phase 220	50	1.4	1350	1100	1385	12
				60	1.5	1600	1100	1385	
6IK200GU-SF	6IK200A-SF	200	三相220 Three - phase 220	50	1.2	1350	3400	1385	
				60	1	1600	2700	1120	
6IK200GU-S3F	6IK200A-S3F	200	三相380 Three - phase 380	50	0.58	1350	3400	1385	
				60	0.54	1550	2700	1120	
6IK200RGU-AF	6IK200RA-AF	200	单相110 Single - phase 110	50	3.2	1250	700	920	45
				60	3.4	1550	700	920	
6IK200RGU-CF	6IK200RA-CF	200	单相220 Single - phase 220	50	1.6	1250	700	920	12
				60	1.6	1550	700	920	
6RK200GU-AMF	6RK200A-AMF	200	单相110 Single - phase 110	50	3.2	1250	900	1385	45
				60	3.5	1550	900	1120	
6RK200GU-CMF	6RK200A-CMF	200	单相220 Single - phase 220	50	1.4	1250	1100	1385	12
				60	1.4	1550	1100	1385	
6RK200GU-SMF	6RK200A-SMF	200	三相220 Three - phase 220	50	1.2	1250	3400	1385	
				60	1	1550	2700	1120	

容许力矩 Allowable Torque

- 表中转速是以电机的同步转速（50Hz：1500r/min、60Hz：1800r/min）为基础除以减速比而计算出的数值。The rotational speeds in the table are calculated values obtained by dividing the synchronous rotational speed of the motor (50Hz: 1500r/min, 60Hz: 1800r/min) by the reduction ratio.
- 想要获得比下表更大的减速比，可以在电机与减速机中间安装减速比为 10 的中间减速箱，减速比将扩大 10 倍。If you want to obtain a larger reduction ratio than that in the following table, you can install an intermediate reduction gearbox with a reduction ratio of 10 between the motor and the reducer, and the reduction ratio will be increased by 10 times.
- 表中的容许力矩是以电机的启动力矩 × 减速比 × 效率而得到。The allowable torque in the table is obtained by multiplying the starting torque of the motor × the reduction ratio × the efficiency.
- 减速箱的最大容许力矩为 40N.M。The maximum allowable torque of the reduction gearbox is 40N.M.

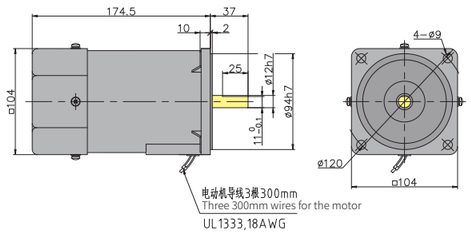
上段 (N.m)/下段 (kgf.cm) Upper Section (N.m) / Lower Section (kgf.cm)

类型 Type	减速比 Reduction 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
电机/减速机 Motor/Reducer	转速/rpm Rotational Speed/rpm	50HZ	500	417	300	250	200	166	120	100	83	60	50	41	30	25	20	16	15	12	10	8	7.5
		60HZ	600	500	360	300	240	200	144	120	100	72	60	50	36	30	24	20	18	15	12	10	9
200W	6GU□K 6GU□RC 6GU□RT	50HZ	3.4	4	5.6	6.7	8.4	10.1	12.6	15.2	18.2	22.8	27.4	32.9	40	40	40	40	40	40	40	40	40
			34.6	40.8	57.1	68.3	85.6	103	128	155	185	232	279	335	400	400	400	400	400	400	400	400	400
		60HZ	2.7	3.3	4.5	5.4	6.8	8.2	10.2	12.3	14.7	18.5	22.2	26.6	37	40	40	40	40	40	40	40	40
			27.5	33.6	45.9	55.1	69.3	83.6	104	125	150	188	226	271	377	400	400	400	400	400	400	400	400

感应电机 Induction Motor

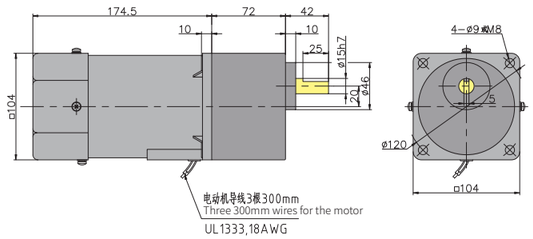
微型交流光电机
Miniature AC Optical Motor

6IK200A-□



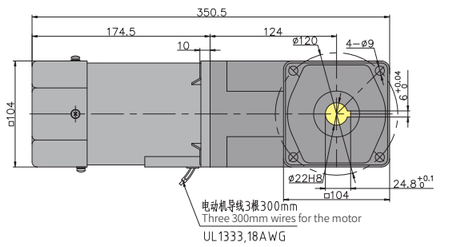
微型交流电机+标准减速机
Miniature AC Optical Motor + Standard Reducer

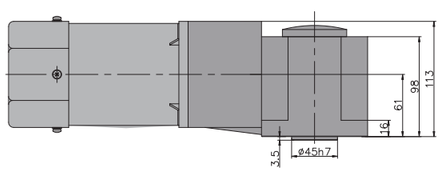
6IK200GU-□/6GU□K



微型交流电机+直角中空减速机
Miniature AC Motor + Right-angle Hollow Reducer

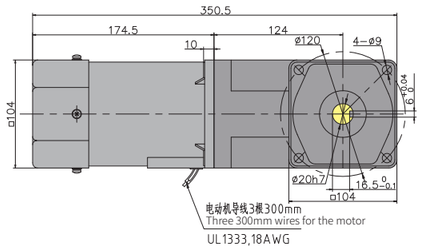
6IK200GU-□/6GU□RC

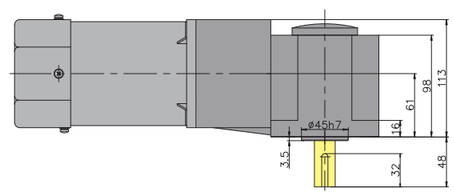




微型交流电机+直角中实减速机
Miniature AC Motor + Right-angle Hollow Reducer

6IK200GU-□/6GU□RT

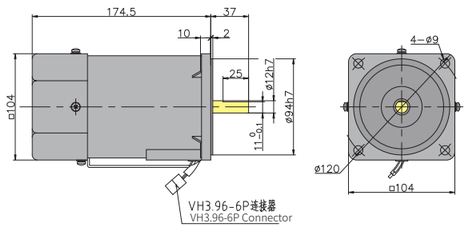




调速电机 Speed Control Motor

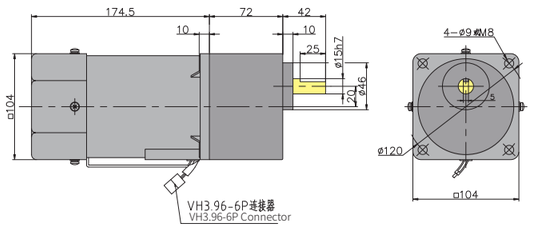
微型交流光电机
Miniature AC Optical Motor

6IK200RA-□



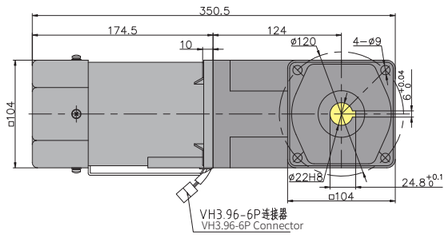
微型交流电机+标准减速机
Miniature AC Optical Motor + Standard Reducer

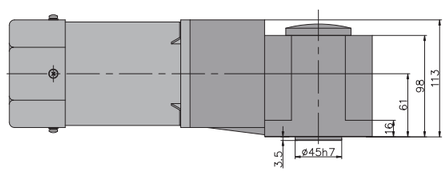
6IK200RGU-□/6GU□K



微型交流电机+直角中空减速机
Miniature AC Motor + Right-angle Hollow Reducer

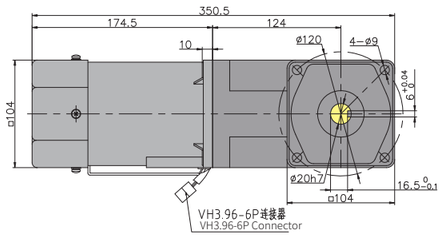
6IK200RGU-□/6GU□RC

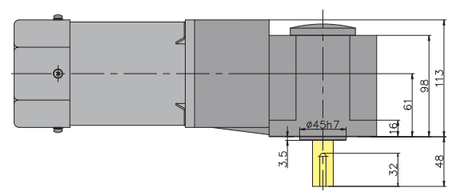




微型交流电机+直角中实减速机
Miniature AC Motor + Right-angle Hollow Reducer

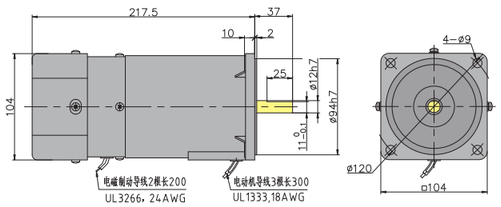
6IK200RGU-□/6GU□RT



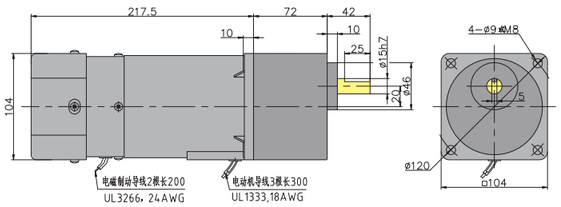


刹车电机

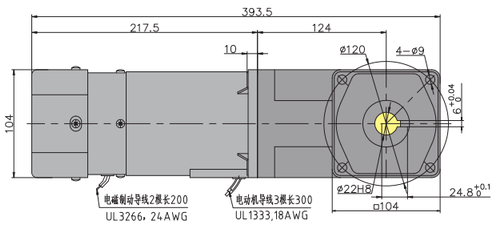
微型交流光电机
Miniature AC Optical Motor
6RK200A-□M

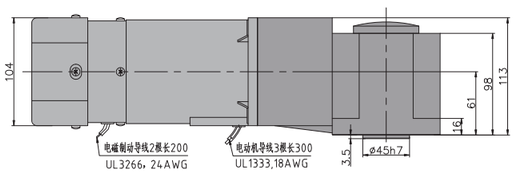


微型交流电机+标准减速机
Miniature AC Optical Motor + Standard Reducer
6RK200GU-□M/6GU□K

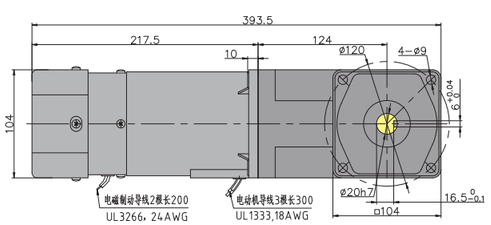


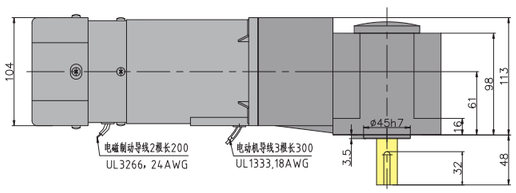
微型交流电机+直角中空减速机
Miniature AC Motor + Right-angle Hollow Reducer
6RK200GU-□M/6GU□RC





微型交流电机+直角中实减速机
Miniature AC Motor + Right-angle Hollow Reducer
6RK200GU-□M/6GU□RT

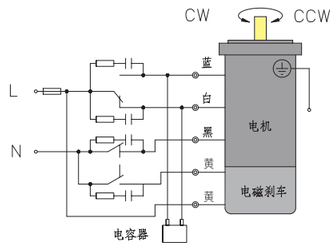




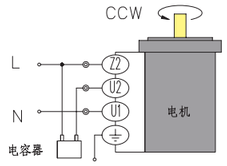
CHBNS 传承之道 稳行致远
THE WAY OF INHERITANCE IS STEADY AND FAR-REACHING
传动装置专业制造商
PROFESSIONAL MANUFACTURER OF TRANSMISSION DEVICE
200W感应、调速电机 200W Induction and Speed-Adjustable Motor

接线图

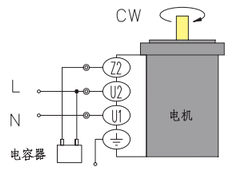
单相刹车



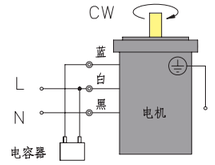
单相带接线盒CCW



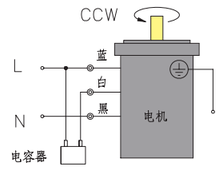
单相带接线盒CW



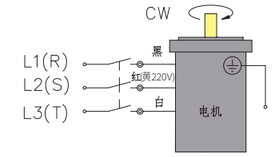
单相CW



单相CCW

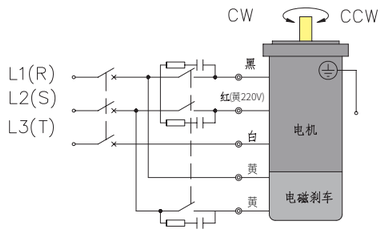


三相

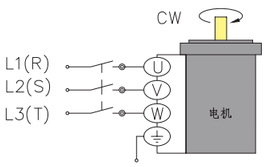


逆时针方向为CCW：对换R、S、T中任意两条，电机会作逆时针方向运转

三相刹车

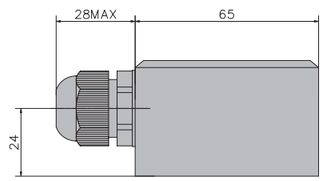


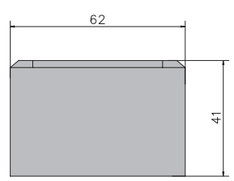
三相带接线盒



逆时针方向为CCW：对换U、V、W中任意两条，电机会作逆时针方向运转

接线盒





自适应面板调速器

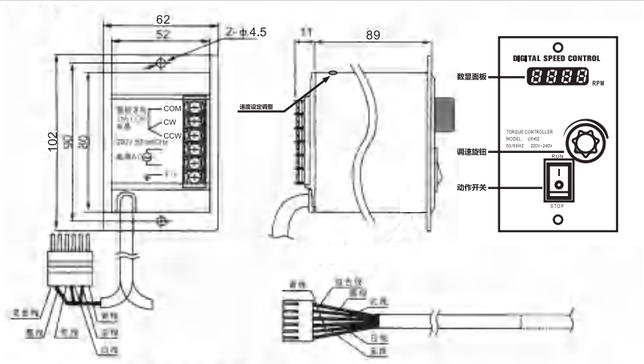
特点

◎硬件结合式、采用MCU芯片数字化精准控制，采集电机数字信号。
◎锁定转速、不受电机的湿度变化影响电机的速度漂移。
◎智能学习功能，不论电机的反馈电压的高低都能启动识别匹配，从而达到最佳的控制状态发挥最高效率。
◎实现宽电压宽范围的调节、电压从170V–270V、频率50Hz–60Hz都可以启动匹配使用。
◎设计新颖用料考究、外壳采用ABS加PC阻燃原料、线材采用超柔性高低温美标电缆线。

型号/性能参数

适用电机功率	6W 10W 15W 25W 40W 60W 90W 120W 40W 150W 180W 200W 250W
使用电机类型	调速电机
安装方式	面板式
调速方式	面板电位器
运行电容	内置（内置于调速器内）
调速范围	50Hz: 1350r/min；60Hz: 1680r/min
电源频率	50Hz-60Hz
使用环境	10℃+45℃（无冻结），B5%以下（无结）

安装尺寸图



ZUS 90W E
名称代号 适用调速电机功率代号(W) 电压代号
自适应面板调速器 6W … 250W E (单相220V) A (单相110V)

使用须知

・请勿在爆炸性环境、易燃性气体环境、腐蚀性环境以及容易沾上水的场所或可燃物周围使用。
・避免连续振动、过度冲击。
・电机在正常运转状态下，有时电机外壳表面的温度可能会超过70℃，因此在可能触及电机的使用环境下，请加贴右图所示的警告标志。
・电机不允许长时间低速过负载的情况下连续运转。请务必将接地端子接地。
・安装、连接，检查等作业须由专业技术人员进行。



ADAPTIVE PANEL GOVERNOR

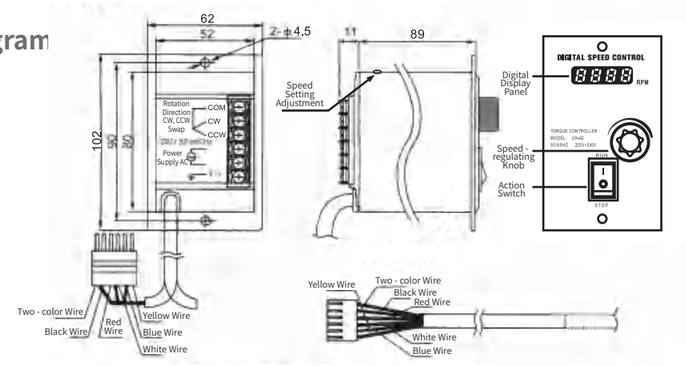
Features

◎ Hardware - integrated, using an MCU chip for digital precise control and collecting motor digital signals.
◎ Lock the rotation speed; the speed drift of the motor is not affected by changes in the motor's humidity.
◎ Intelligent learning function: It can start, identify, and match regardless of the level of the motor's feedback voltage, thus achieving the best control state and maximum efficiency.
◎ Realize wide - voltage and wide - range adjustment: It can start and match for use with a voltage range of 170V–270V and a frequency range of 50Hz–60Hz.
◎ Innovative design and high - quality materials: The shell uses ABS + PC flame - retardant raw materials, and the wires use ultra - flexible high - and low - temperature American - standard cables.

Model/Performance Parameters

Applicable Motor Power	6W 10W 15W 25W 40W 60W 90W 120W 40W 150W 180W 200W 250W
Motor Type Used	Speed-regulating Motor
Installation Method	Panel Type
Speed Regulation Method	Panel Potentiometer
Running Capacitance	Built-in (Built inside the speed regulator)
Speed Regulation Range	50Hz: 1350r/min; 60Hz: 1680r/min
Power Frequency	50Hz - 60Hz
Operating Environment	10°C + 45°C (No freezing), below 85% RH (No condensation)

Installation Dimension Diagram



ZUS 90W E
Name Code Power Code (W) for Applicable Speed - Regulating Motor Voltage Code
Adaptive Panel Speed Regulator 6W … 250W E (Single - phase 220V) A (Single - phase 110V)

Usage Instructions

- Do not use in explosive environments, flammable gas environments, corrosive environments, places easily exposed to water, or near combustibles.
- Avoid continuous vibration and excessive impact.
- During normal operation of the motor, the surface temperature of the motor housing may sometimes exceed 70°C. Therefore, in environments where contact with the motor is possible, please affix the warning label as shown in the right diagram.
- The motor is not allowed to run continuously under long - term low - speed and over - load conditions. Be sure to ground the grounding terminal.
- Installation, connection, inspection, and other operations must be carried out by professional technicians.



SF系列 面板式调速器

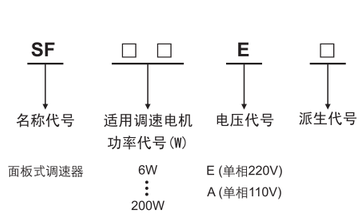
特点

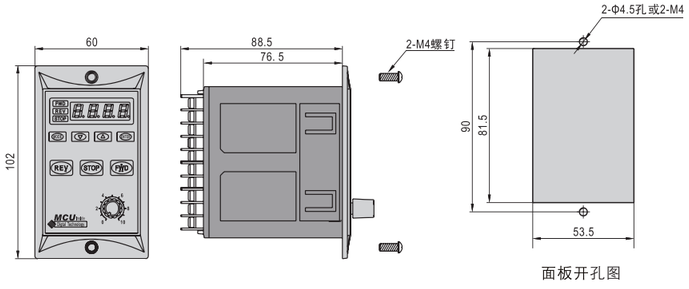
◎采用MCU数字控制技术，功能丰富，性能优异。
◎采用数显菜单式选项，修改设定方便快捷。
◎可根据用户显示需要设定显示倍率，自动换显示目标值。
◎可实现缓慢加速、缓慢减速。
◎可面板操作、外部端子控制。
◎面板旋钮自动匹配最高转速，调节控制方便、安全。
◎堵转保护功能，防止电机、调速器因堵转烧坏。（此功能可保护堵转过载，但无法保护非堵转过载）

性能参数

安装方式	面板式	
电源电压	单相220V	单相110V
电源频率	50/60Hz	
适用电机类型	调速电机	
运行电容	内置（内置于调速器内）	外置（放置于调速电机包装内，需用户自行连接）
运动控制功能	面板或外部端子运转控制、调速、缓慢加速、缓慢减速	外部端子运转控制、调速、缓慢加速、缓慢减速、快速停止、4段速
速度调节方式	面板"▲"、"▼"键；面板旋钮	面板"▲"、"▼"键；面板旋钮
调速范围	120~3000r/min。（用户可根据电机极数、电源频率、使用需要设定）	
使用环境	环境温度：-10℃~+45℃（无结冰），环境湿度：85%以下（无结露）。	

外形及安装图





面板开孔图

使用须知

・请勿在爆炸性环境、易燃性气体环境、腐蚀性环境以及容易沾上水的场所或可燃物周围使用。
・避免连续振动、过度冲击。
・电机在正常运转状态下，有时电机外壳表面的温度可能会超过70℃，因此在可能触及电机的使用环境下，请加贴右图所示的警告标志。
・请务必将接地端子接地。
・安装、连接，检查等作业须由专业技术人员进行。



SF SERIES PANEL GOVERNOR

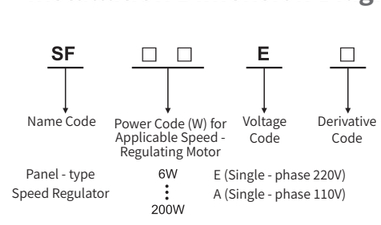
Features

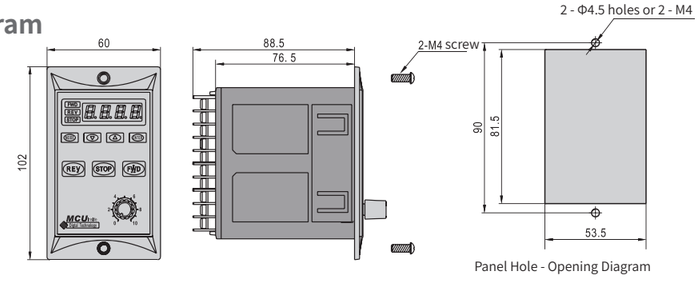
◎ Adopting MCU digital control technology, it has rich functions and excellent performance.
◎ It uses a digital display menu - style option, making it convenient and quick to modify settings.
◎ The display magnification can be set according to user display needs, and the display target value is automatically changed.
◎ It can achieve slow acceleration and slow deceleration.
◎ It can be operated via the panel or controlled by external terminals.
◎ The panel knob automatically matches the maximum speed, enabling convenient and safe adjustment control.
◎ It has a stall protection function to prevent the motor and speed regulator from being burned out due to stalling. (This function can protect against stall overload but cannot protect against non - stall overload.)

Model/Performance Parameters

Installation Method	Panel - type	
Power Supply Voltage	Single-phase 220V	Single-phase 110V
Power Supply Frequency	50/60Hz	
Applicable Motor Type	Speed-regulating Motor	
Running Capacitance	Built-in (Installed inside the speed regulator)	External (Placed inside the speed-regulating motor package, requiring users to connect it by themselves)
Motion Control Function	Operation control via panel or external terminals, speed regulation, slow acceleration, slow deceleration	regulation, slow acceleration, slow deceleration, quick stop, and 4 - speed steps
Speed Adjustment Method	Panel "▲", "▼" keys; panel knob	Panel "▲", "▼" keys; panel knob
Speed Regulation Range	120 - 3000 r/min. (Users can set it according to the motor pole number, power supply frequency and usage requirements)	
Operating Environment	Ambient temperature: -10°C - +45°C (no icing), ambient humidity: below 85% (no condensation).	

Installation Dimension Diagram





Panel Hole - Opening Diagram

Usage Instructions

・ Do not use in explosive environments, flammable gas environments, corrosive environments, places prone to getting wet, or near combustibles.
・ Avoid continuous vibration and excessive impact.
・ During normal operation of the motor, the surface temperature of the motor housing may sometimes exceed 70°C. Therefore, in environments where contact with the motor is possible, please affix the warning label as shown in the right diagram.
・ Be sure to ground the grounding terminal.
・ Installation, connection, inspection, and other operations must be performed by professional technicians.



SK系列 内置式式调速器

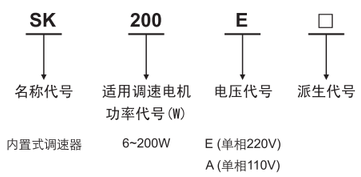
特点

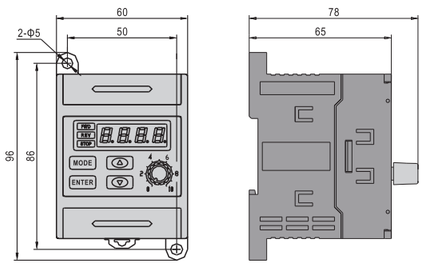
◎采用MCU数字控制技术，功能丰富，性能优异。
◎采用数显菜单式选项，修改设定方便快捷。
◎可根据用户显示需要设定显示倍率，自动换显示目标值。
◎可实现缓慢加速、缓慢减速、快速停止、4段速等复杂运动控制。
◎可外接开关控制、0~10V模拟量控制。
◎模拟量控制可自动匹配最高转速，调节控制方便、安全。
◎堵转保护功能，防止电机、调速器因堵转烧坏。（此功能可保护堵转过载，但无法保护非堵转过载）

性能参数

安装方式	内置式	
电源电压	单相220V	单相110V
电源频率	50/60Hz	
适用电机类型	调速电机	
运行电容	外置（放置于调速电机包装内，需用户自行连接）	
运动控制功能	外接开关运转控制、调速、缓慢加速、缓慢减速、快速停止、4段速	
速度调节方式	面板"▲"、"▼"键；面板旋钮；0~10V模拟量	
调速范围	90~3000r/min。（用户可根据电机极数、电源频率、使用需要设定）	
使用环境	环境温度：-10℃~+45℃（无结冰），环境湿度：85%以下（无结露）。	

外形及安装图





使用须知

・请勿在爆炸性环境、易燃性气体环境、腐蚀性环境以及容易沾上水的场所或可燃物周围使用。
・避免连续振动、过度冲击。
・电机在正常运转状态下，有时电机外壳表面的温度可能会超过70℃，因此在可能触及电机的使用环境下，请加贴右图所示的警告标志。
・请务必将接地端子接地。
・安装、连接，检查等作业须由专业技术人员进行。



SF SERIES PANEL GOVERNOR

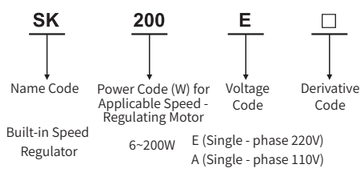
Features

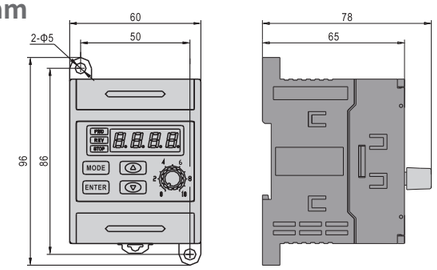
◎ Adopts MCU digital control technology, featuring rich functions and excellent performance.
◎ Utilizes a digital display menu - style option, enabling convenient and quick setting modification.
◎ The display magnification can be set according to user display requirements, and the display target value is automatically changed.
◎ Capable of achieving complex motion controls such as slow acceleration, slow deceleration, quick stop, and 4 - speed steps.
◎ External switch control and 0 - 10V analog quantity control can be connected.
◎ The analog quantity control can automatically match the maximum speed, making adjustment and control convenient and safe.
◎ Stall protection function to prevent the motor and speed regulator from being burned out due to stalling. (This function can protect against stall overload but cannot protect against non - stall overload.)

Model/Performance Parameters

Installation Method	Built-in Type	
Power Supply Voltage	Single-phase 220V	Single-phase 110V
Power Supply Frequency	50/60Hz	
Applicable Motor Type	Speed-regulating motor	
Running Capacitance	External (Placed in the speed-regulating motor package, requiring user self-connection)	
Motion Control Function	Operation control via external switch, speed regulation, slow acceleration, slow deceleration, quick stop, 4-speed steps	
Speed Adjustment Method	Panel "▲", "▼" keys; panel knob; 0 - 10V analog quantity	
Speed Regulation Range	90 - 3000r/min. (Users can set according to motor pole number, power supply frequency and usage requirements)	
Operating Environment	Ambient temperature: -10°C - +45°C (no icing), Ambient humidity: below 85% (no condensation)	

Installation Dimension Diagram



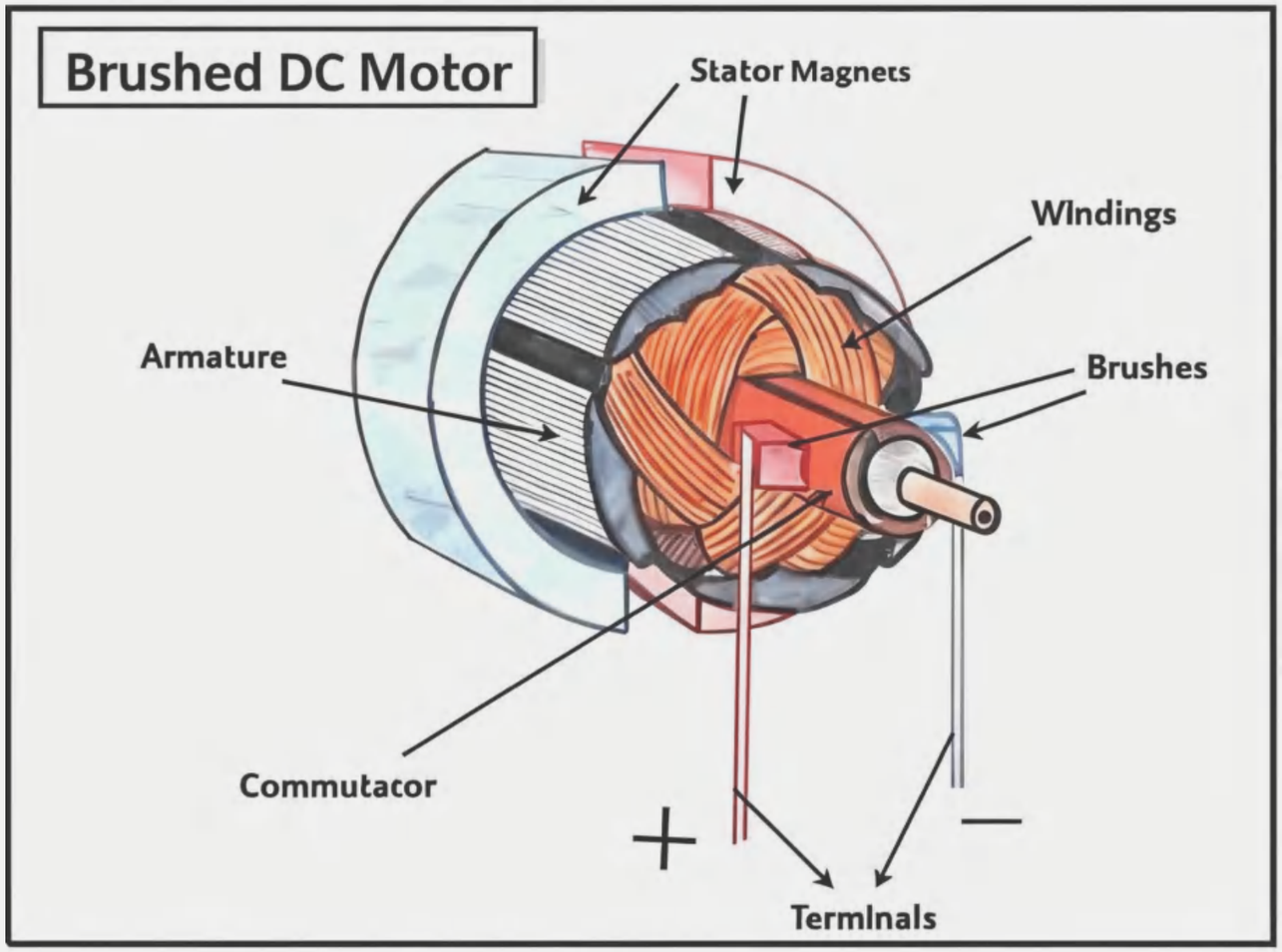


Usage Instructions

・ Do not use it in explosive environments, flammable gas environments, corrosive environments, places prone to getting wet, or near combustibles.
・ Avoid continuous vibration and excessive impact.
・ During the normal operation of the motor, the surface temperature of the motor housing may sometimes exceed 70°C. Therefore, in the usage environment where there is a possibility of contact with the motor, please affix the warning label as shown in the right diagram.
・ Be sure to ground the grounding terminal.
・ Installation, connection, inspection, and other operations must be carried out by professional technicians.



直流有刷减速电机


Brushed DC Motor
Stator Magnets
Windings
Armature
Brushes
Commutator
+
—
Terminals

直流有刷减速电机 DC BRUSHED MOTOR

电机型号说明 Explanation of Motor Model

C 4 D 40 – 24 GN – 30S ① ② ③ ④ ⑤ ⑥ ⑦	
①C	侨邦直流电机 CHBNS DC Motor
②安装法兰尺寸 Mounting Flange Dimensions	2:□60 3:□70 4:□80 5:□90 55:□90 6:□104
③D	DW：带外置电刷（针对R2D、R3D系列）D:带电刷 DW: With external brush (for R2D, R3D series) D: With brush
④输出功率 Output Power	40：40W(根据电机型号可选择) 40: 40W (selectable according to motor model)
⑤电源电压 Power Supply Voltage	24：24V(根据电机型号可选择) 24: 24V (selectable according to motor model)
⑥输出形式 Output Form	GN:普通型齿轮轴 GU:加强型齿轮轴 GN: Normal - type gear shaft GU: Reinforced - type gear shaft A:铣扁 A1:键槽型 A: Mill - flattened A1: Keyway type
⑦电机转速 Motor Speed	30S：3000RPM(根据电机型号可选择) 30S: 3000RPM (selectable according to motor model)

减速机型号说明 Explanation of Reducer Model

5 GN 40 K ① ② ③ ④	
①外形尺寸 Overall Dimensions	2:60 3:70 4:80 5:90 6:104
②齿轴类型 Gear Shaft Type	GN:普通型齿轮轴 GU:加强型齿轮轴 GN: Normal - type gear shaft GU: Reinforced - type gear shaft
③减速比 Reduction Ratio	20:减速比20（根据减速机型号可选择） 10X仅限10倍减速比的中间箱体 20: Reduction ratio 20 (selectable according to the reducer model) 10X: Only for the intermediate housing with a 10 - fold reduction ratio
④减速机类型 Reducer Type	K:方箱体（5GU系列表示带法兰安装） KB:GU型5系列方箱体 RC: Right - angle housing with hollow output RT: Right - angle housing with solid output RC:直角箱体中空输出 RT:直角箱体中实输出 K: Square housing (5GU series indicates with flange installation) KB: Square housing of GU - type 5 series

电机规格 Motor Specifications

项　　目 Item	释　　义 Interpretation
绝缘电阻 Insulation Resistance	在常温、常湿下电机额定运行后，在DC500V电阻表测量线圈与外壳间的电阻时，测量值应在２0MΩ以上 After the motor operates at rated conditions under normal temperature and humidity, when measuring the resistance between the coil and the housing with a DC500V ohmmeter, the measured value should be above 20MΩ
绝缘电压 Insulation Voltage	在常温、常湿下电机额定运行后，在线圈与外壳间是假一分钟50Hz或60Hz、1.5KV的电压无异常 After the motor operates at rated conditions under normal temperature and humidity, there is no abnormality when a 50Hz or 60Hz, 1.5KV voltage is applied between the coil and the housing for one minute
温　　升 Temperature Rise	运转电机后，用温度计发来测量时，电机表面最热点温升数值在８０K以下 After running the motor, when measured with a thermometer, the temperature rise of the hottest point on the motor surface is below 80K
绝缘等级 Insulation Class	B级（130℃） Class B (130°C)
使用环境温度 Operating Ambient Temperature	单相110V、三相220V：-10℃~50℃无结冰，其它电压-10℃~40℃无结冰 Single-phase 110V, three-phase 220V: -10°C ~ 50°C without icing; for other voltages: -10°C ~ 40°C without icing
使用环境湿度 Operating Ambient Humidity	85%以下无结霜 Below 85% without condensation

6060机座 6060 FRAME

电机性能参数 Motor Performance Parameters

类型 Type	输出功率 Output Power (W)	电压 Voltage (V)	空载参数 No - load Parameters		负载参数 Load Parameters			电刷寿命 Brush Life
			转速 rpm Rotational Speed (rpm)	电流A Current (A)	转速 rpm Rotational Speed (rpm)	力矩mN.m Torque (mN·m)	电流A Current (A)	
C2D(W)	6	12	3200	0.6MAX	2950	19	0.8	2000
	6	24	3200	0.3MAX	2950	19	0.5	2000
	6	90	3200	0.1MAX	3000	19	0.2	2000
	10	12	3200	1.0MAX	2800	34	2	2000
	10	24	3300	0.5MAX	3000	32	0.9	2000
	10	90	3200	0.3MAX	3000	34	0.6	2000
	15	12	3200	0.7MAX	2800	51	2	2000
	15	24	3200	0.3MAX	2950	48	1	2000
	15	90	3000	0.1MAX	2900	49	0.3	2000

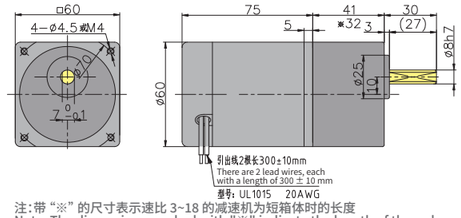
注：电机电压、功率及转速可在装配尺寸等允许的调教下根据客户要求定制，部分参数未列入表格
Note: The voltage, power, and rotational speed of the motor can be customized according to customer requirements under the condition that adjustments such as assembly dimensions permit. Some parameters are not included in the table.

平行轴减速机 Parallel Shaft Reducer

减速机型号的□中为减速比的数值
In the □ of the reducer model, it is the value of the reduction ratio.

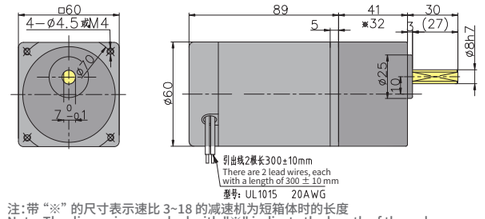
减速机种类 Reducer Types	减速机型号 Reducer Model	减速比 Reduction Ratio
长寿命、低噪音 Long service life, low noise	2GN□K	3、3.6、5、6、7.5、9、12.5、15、18、25、30、36、50、60、75、90、100、120、150、180、200
容许力矩参考同型号交流电机减速机 The allowable torque refers to the reducer of the AC motor of the same model.		

C3D6/10
直流有刷电机+标准减速机
DC Brushed Motor + Standard Reducer



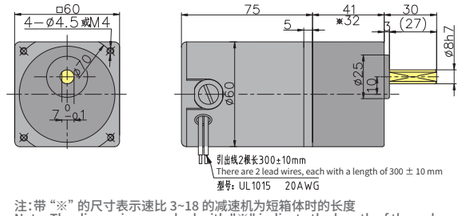
注：带“※”的尺寸表示速比 3~18 的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 - 18 when it has a short casing.

C2D15
直流有刷电机+标准减速机
DC Brushed Motor + Standard Reducer



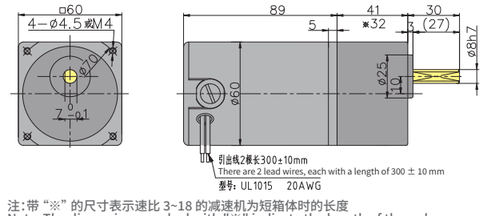
注：带“※”的尺寸表示速比 3~18 的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 - 18 when it has a short casing.

C2DW6/10
直流有刷电机+标准减速机
DC Brushed Motor + Standard Reducer



注：带“※”的尺寸表示速比 3~18 的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 - 18 when it has a short casing.

C2DW15
直流有刷电机+标准减速机
DC Brushed Motor + Standard Reducer



注：带“※”的尺寸表示速比 3~18 的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 - 18 when it has a short casing.

注:6060表示电机的机座是60,减速机的机座是60
Note: 6060 indicates that the frame size of the motor is 60, and the frame size of the reducer is 60.

6070机座 6070 FRAME

电机性能参数 Motor Performance Parameters

类型 Type	输出功率 Output Power (W)	电压 Voltage (V)	空载参数 No - load Parameters		负载参数 Load Parameters			电刷寿命 Brush Life
			转速 rpm Rotational Speed (rpm)	电流A Current (A)	转速 rpm Rotational Speed (rpm)	力矩mN.m Torque (mN·m)	电流A Current (A)	
C3D(W)	25	12	3300	1MAX	3000	80	3	2000
	25	24	3200	0.6MAX	2800	87	1.6	2000
	25	90	3200	0.2MAX	3000	80	0.5	2000

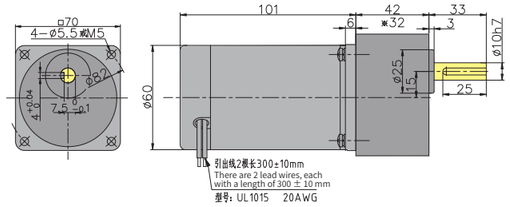
注：电机电压、功率及转速可在装配尺寸等允许的调教下根据客户要求定制，部分参数未列入表格
Note: The voltage, power, and rotational speed of the motor can be customized according to customer requirements under the condition that adjustments such as assembly dimensions permit. Some parameters are not included in the table.

减速机型号的□中为减速比的数值
In the □ of the reducer model, it is the value of the reduction ratio.

平行轴减速机 Parallel Shaft Reducer

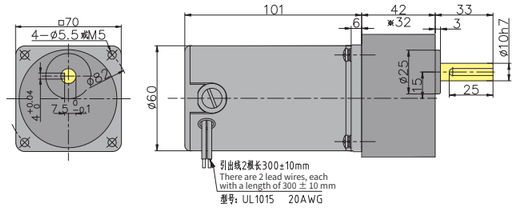
减速机种类 Reducer Types	减速机型号 Reducer Model	减速比 Reduction Ratio
长寿命、低噪音 Long service life, low noise	3GN□K	3、3.6、5、6、7.5、9、12.5、15、18、25、30、36、50、60、75、90、100、120、150、180、200
容许力矩参考同型号交流电机减速机 The allowable torque refers to the reducer of the AC motor of the same model.		

C3D25
直流有刷电机+标准减速机
DC Brushed Motor + Standard Reducer



注：带“※”的尺寸表示速比 3~18 的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 - 18 when it has a short casing.

C3DW25
直流有刷电机+标准减速机
DC Brushed Motor + Standard Reducer



注：带“※”的尺寸表示速比 3~18 的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 - 18 when it has a short casing.

注:6070表示电机的机座是60，减速机的机座是70
Note: 6070 indicates that the frame size of the motor is 60, and the frame size of the reducer is 70.

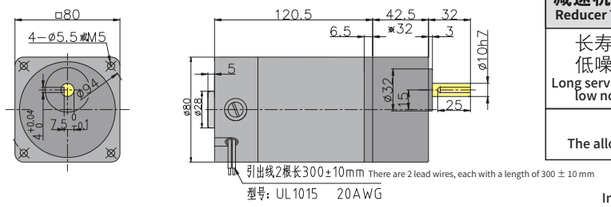
8080机座 8080 FRAME

电机性能参数 Motor Performance Parameters

类型 Type	输出功率 Output Power (W)	电压 Voltage (V)	空载参数 No - load Parameters		负载参数 Load Parameters			电刷寿命 Brush Life
			转速 rpm Rotational Speed (rpm)	电流A Current (A)	转速 rpm Rotational Speed (rpm)	力矩mN.m Torque (mN·m)	电流A Current (A)	
C4D	25	12	3200	1.4MAX	3100	77	3.6	2000
	25	24	3000	0.7MAX	2850	84	1.7	2000
	25	90	3200	0.2MAX	3000	80	0.5	2000
	40	12	3200	2MAX	3000	127	5.2	2000
	40	24	3200	0.8MAX	3000	127	2.1	2000
	40	90	3100	0.3MAX	2950	129	0.6	2000

注：电机电压、功率及转速可在装配尺寸等允许的调教下根据客户要求定制，部分参数未列入表格
Note: The voltage, power, and rotational speed of the motor can be customized according to customer requirements under the condition that adjustments such as assembly dimensions permit. Some parameters are not included in the table.

C4D25/40
直流有刷电机+标准减速机
DC Brushed Motor + Standard Reducer



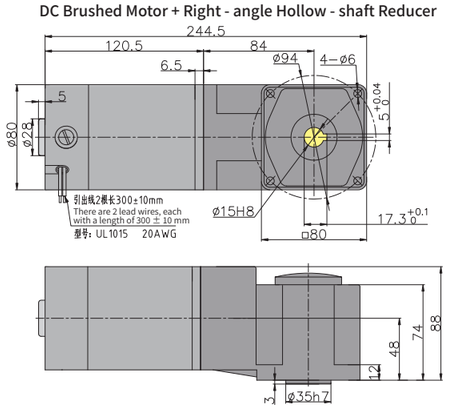
注：带“※”的尺寸表示速比 3~18 的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 - 18 when it has a short casing.

平行轴减速机 Parallel Shaft Reducer

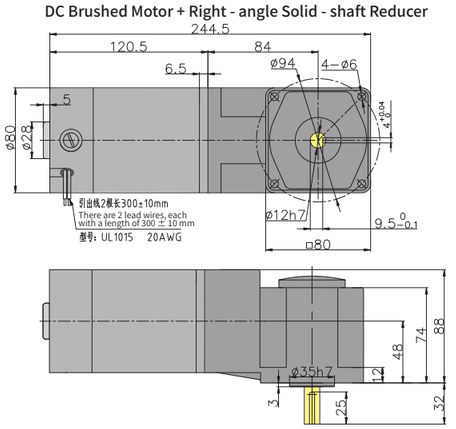
减速机种类 Reducer Types	减速机型号 Reducer Model	减速比 Reduction Ratio
长寿命、低噪音 Long service life, low noise	4GN□K	3、3.6、5、6、7.5、9、12.5、15、18、25、30、36、50、60、75、90、100、120、150、180、200
容许力矩参考同型号交流电机减速机 The allowable torque refers to the reducer of the AC motor of the same model.		

减速机型号的□中为减速比的数值
In the □ of the reducer model, it is the value of the reduction ratio.

C4D25/40
直流有刷电机+直角中空减速机
DC Brushed Motor + Right - angle Hollow - shaft Reducer



C4D25/40
直流有刷电机+直角中实减速机
DC Brushed Motor + Right - angle Solid - shaft Reducer



注:8080表示电机的机座是80，减速机的机座是80
Note: 8080 indicates that the frame size of the motor is 80, and the frame size of the reducer is 80.

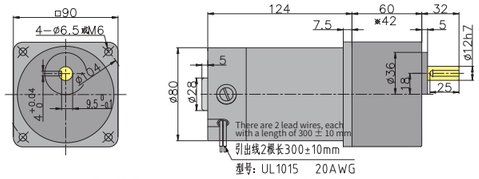
8090机座 8090 FRAME

电机性能参数 Motor Performance Parameters

类型 Type	输出功率 Output Power (W)	电压 Voltage (V)	空载参数 No - load Parameters		负载参数 Load Parameters			电刷寿命 Brush Life
			转速 rpm Rotational Speed (rpm)	电流A Current (A)	转速 rpm Rotational Speed (rpm)	力矩mN.m Torque (mN·m)	电流A Current (A)	
C5D	40	12	3200	2MAX	3000	127	5.2	2000
	40	24	3000	1MAX	2800	140	2.2	2000
	40	90	3100	0.3MAX	2950	129	0.6	2000
	60	12	3200	2MAX	2950	194	7.5	2000
	60	24	3100	1.5MAX	2800	210	3.5	2000
	60	90	3200	0.3MAX	3000	191	1	2000
	90	12	3300	3MAX	2800	307	10	2000
	90	24	3100	1.5MAX	2800	307	5	2000
	90	90	3100	0.5MAX	2850	302	1.5	2000
	120	12	3400	3MAX	3000	382	14	2000
	120	24	3100	1.5MAX	2600	441	7	2000
	120	90	3300	0.3MAX	3000	382	1.8	2000

注:电机电压、功率及转速可在装配尺寸等允许的调教下根据客户要求定制,部分参数未列入表格
Note: The voltage, power, and rotational speed of the motor can be customized according to customer requirements under the condition that adjustments such as assembly dimensions permit. Some parameters are not included in the table.

C5D40
直流有刷电机+标准减速机
DC Brushed Motor + Standard Reducer



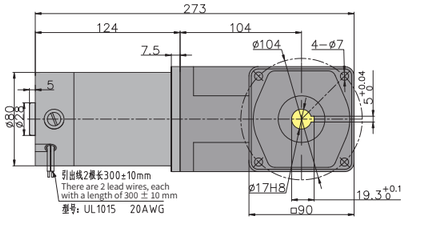
注:带“※”的尺寸表示速比 3~18 的减速机为短箱体时的长度
Note: The dimensions marked with "※" indicate the length of the reducer with a speed ratio of 3 - 18 when it has a short casing.

平行轴减速机 Parallel Shaft Reducer

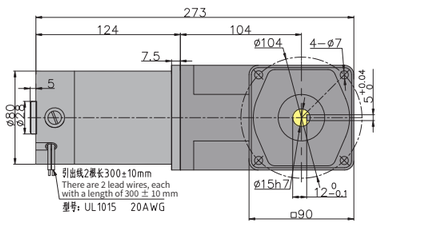
减速机种类 Reducer Types	减速机型号 Reducer Model	减速比 Reduction Ratio
长寿命、低噪音 Long service life, low noise	5GN□K	3、3.6、5、6、7.5、9、12.5、15、18、25、30、36、50、60、75、90、100、120、150、180、200
容许力矩参考同型号交流电机减速机 The allowable torque refers to the reducer of the AC motor of the same model.		

减速机型号的□中为减速比的数值
In the □ of the reducer model, it is the value of the reduction ratio.

C5D40
直流有刷电机+直角中空减速机
DC Brushed Motor + Right - angle Hollow - shaft Reducer

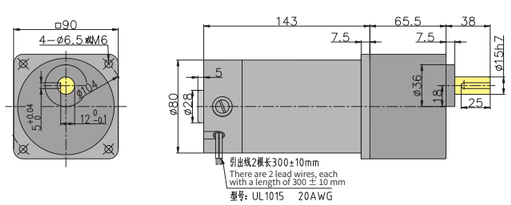


C5D40
直流有刷电机+直角中实减速机
DC Brushed Motor + Right - angle Solid - shaft Reducer



CHBNS 传承之道 稳行致远
THE WAY OF INHERITANCE IS STEADY AND FAR-REACHING
传动装置专业制造商
PROFESSIONAL MANUFACTURER OF TRANSMISSION DEVICE
8090机座 8090 FRAME

C5D60/90/120
直流有刷电机+标准减速机
DC Brushed Motor + Standard Reducer

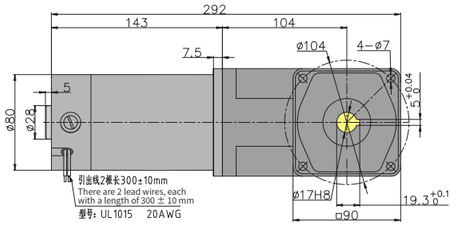


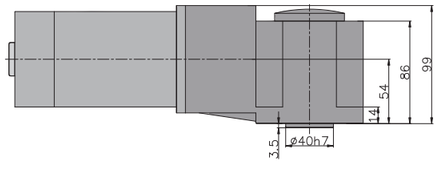
平行轴减速机
Parallel Shaft Reducer

减速机种类 Reducer Types	减速机型号 Reducer Model	减速比 Reduction Ratio
长寿命、低噪音 Long service life, low noise	5GU□KB	3、3.6、5、6、7.5、9、12.5、15、18、25、30、36、50、60、75、90、100、120、150、180、200
容许力矩参考同型号交流电机减速机 The allowable torque refers to the reducer of the AC motor of the same model.		

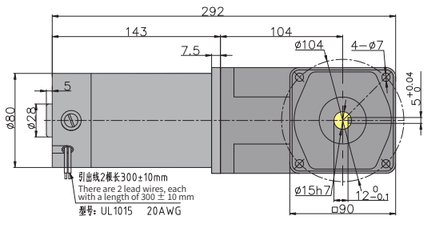
减速机型号的□中为减速比的数值
In the □ of the reducer model, it is the value of the reduction ratio.

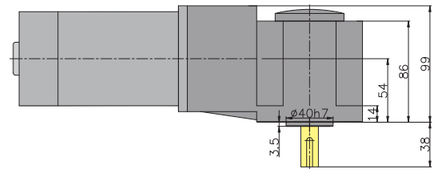
C5D60/90/120
直流有刷电机+直角中空减速机
DC Brushed Motor + Right - angle Hollow - shaft Reducer





C5D60/90/120
直流有刷电机+直角中实减速机
DC Brushed Motor + Right - angle Solid - shaft Reducer





注:8090表示电机的机座是80,减速机的机座是90
Note: 8090 indicates that the frame size of the motor is 80, and the frame size of the reducer is 90.

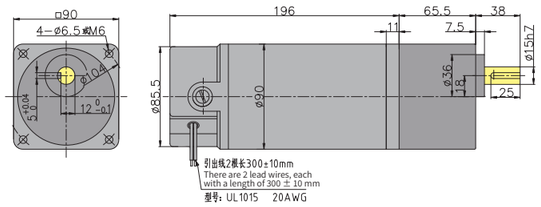
9090机座 9090 FRAME

电机性能参数 Motor Performance Parameters

类型 Type	输出功率 Output Power (W)	电压 Voltage (V)	空载参数 No - load Parameters		负载参数 Load Parameters			电刷寿命 Brush Life
			转速 rpm Rotational Speed (rpm)	电流A Current (A)	转速 rpm Rotational Speed (rpm)	力矩mN.m Torque (mN·m)	电流A Current (A)	
C55D	250	24	3600	4MAX	3200	746	16	2000
	250	90	3300	2MAX	3000	796	4.2	2000
	250	220	3100	0.2MAX	2800	853	1.5	2000

注:电机电压、功率及转速可在装配尺寸等允许的调教下根据客户要求定制,部分参数未列入表格
Note: The voltage, power, and rotational speed of the motor can be customized according to customer requirements under the condition that adjustments such as assembly dimensions permit. Some parameters are not included in the table.

C55D250
直流有刷电机+标准减速机
DC Brushed Motor + Standard Reducer

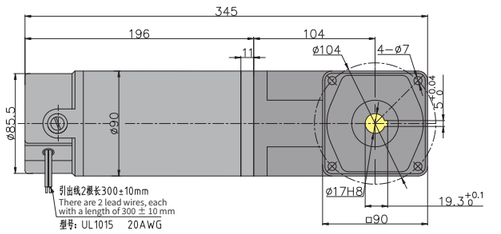


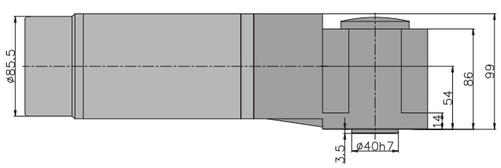
平行轴减速机 Parallel Shaft Reducer

减速机种类 Reducer Types	减速机型号 Reducer Model	减速比 Reduction Ratio
长寿命、低噪音 Long service life, low noise	5GU□KB	3、3.6、5、6、7.5、9、12.5、15、18、25、30、36、50、60、75、90、100、120、150、180、200
容许力矩参考同型号交流电机减速机 The allowable torque refers to the reducer of the AC motor of the same model.		

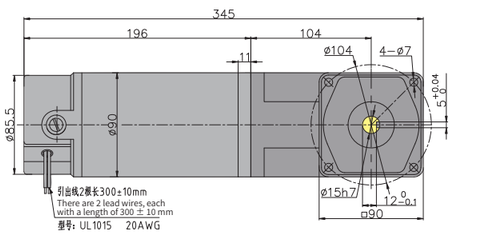
减速机型号的□中为减速比的数值
In the □ of the reducer model, it is the value of the reduction ratio.

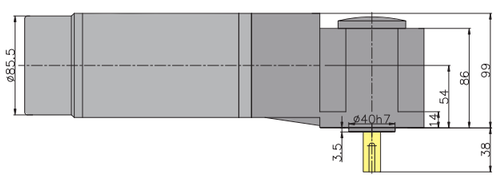
C55D250
直流有刷电机+直角中空减速机
DC Brushed Motor + Right - angle Hollow - shaft Reducer





C55D250
直流有刷电机+直角中实减速机
DC Brushed Motor + Right - angle Solid - shaft Reducer





注:9090表示电机的机座是90,减速机的机座是90
Note: 9090 indicates that the frame size of the motor is 90, and the frame size of the reducer is 90.

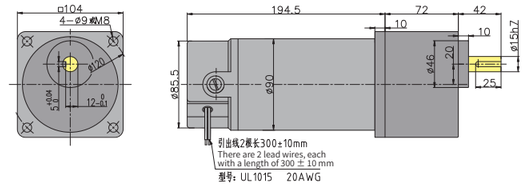
90100机座 90100 FRAME

电机性能参数 Motor Performance Parameters

类型 Type	输出功率 Output Power (W)	电压 Voltage (V)	空载参数 No - load Parameters		负载参数 Load Parameters			电刷寿命 Brush Life
			转速 rpm Rotational Speed (rpm)	电流A Current (A)	转速 rpm Rotational Speed (rpm)	力矩mN.m Torque (mN·m)	电流A Current (A)	
C6D	250	24	3600	4MAX	3200	746	16	2000
	250	90	3300	2MAX	3000	796	4.2	2000
	250	220	3100	0.2MAX	2800	853	1.5	2000

注:电机电压、功率及转速可在装配尺寸等允许的调教下根据客户要求定制,部分参数未列入表格
Note: The voltage, power, and rotational speed of the motor can be customized according to customer requirements under the condition that adjustments such as assembly dimensions permit. Some parameters are not included in the table.

C6D250
直流有刷电机+标准减速机
DC Brushed Motor + Standard Reducer

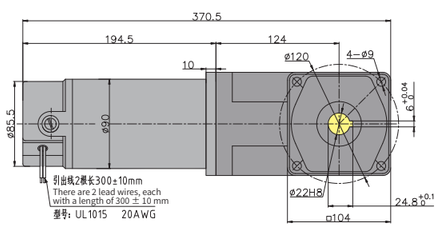


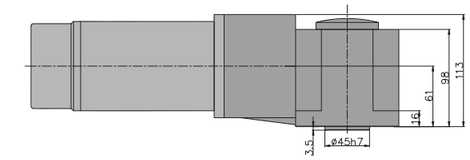
平行轴减速机 Parallel Shaft Reducer

减速机种类 Reducer Types	减速机型号 Reducer Model	减速比 Reduction Ratio
长寿命、低噪音 Long service 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
容许力矩参考同型号交流电机减速机 The allowable torque refers to the reducer of the AC motor of the same model.		

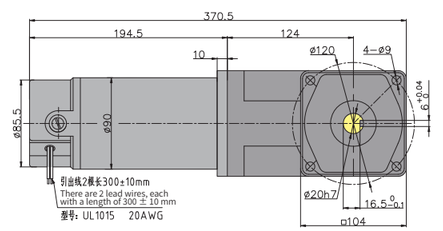
减速机型号的□中为减速比的数值
In the □ of the reducer model, it is the value of the reduction ratio.

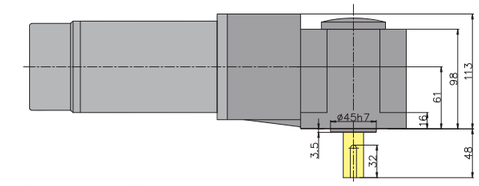
C6D250
直流有刷电机+直角中空减速机
DC Brushed Motor + Right - angle Hollow - shaft Reducer





C6D250
直流有刷电机+直角中实减速机
DC Brushed Motor + Right - angle Solid - shaft Reducer





注:90100表示电机的机座是90,减速机的机座是100
Note: 90100 indicates that the frame size of the motor is 90, and the frame size of the reducer is 100.