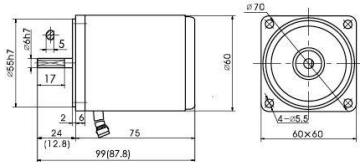


查看尺寸图，请您放大比例为：200%

感应电机 INDUCTION MOTOR

6W



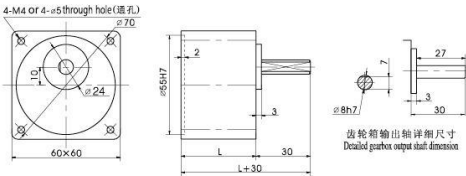
其中()数字系小齿轮轴电机的数值。The value in the () is the value of small gear shaft motor.

电机特性表 LIST OF MOTOR CHARACTERISTICS

电机型号 Model of Motor		Output 出力	Voltage 电压	Frequency 频率	Poles 极数	Duty 额定时间	额定Rated			Starting Torque 启动转矩		Capacitor/μF 电容容量/耐压	
							Speed 转速	Current 电流	Torque 力矩	N.m	kgf.cm		
光电机 Motor	带齿轮轴电机 Motor with gear shaft	W	V	Hz	P		r/min	A	N.m	kgf.cm	N.m	kgf.cm	μF/VAC
Z1K6A-A	Z1K6GN-A	6	1ph110	50	4	连续 CONT	1250	0.20	0.05	0.45	0.06	0.55	3.0/250
Z1K6A-C	Z1K6GN-C	6	1ph220	50	4	连续 CONT	1250	0.10	0.05	0.45	0.07	0.70	0.8/500
Z1K6A-D		6	1ph220	50	2	连续 CONT	2600	0.11	0.02	0.21	0.04	0.40	0.8/500

●使用电压不同，电容容量也不相同。故应使用电压相对应，正确使用。●不能正确使用是造成故障的主要原因。订货时，在确认使用电压后，选择正确的型号进行订货。
●The capacitor capacitance will be different under different voltage. A correct capacitor capacitance is required to match the applied voltage. ●Wrong capacitor capacitance is the cause of trouble. You must confirm a correct voltage and select a correct model when your purchase order is placed.

齿轮箱外形尺寸 OVERALL DIMENSION OF GEARBOX



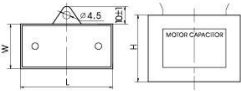
	速比Reduction Ratio	尺寸L(mm)	质量(kg)
齿轮箱 Gearbox	ZGN3K-GN18K	32	0.24
	ZGN20K-GN50K	42	0.30
	ZGN60K-GN200K		0.33
电机Motor			0.82

齿轮箱允许力矩 ALLOWABLE TORQUE ON GEARBOX

齿轮箱型式Model of Gearbox: ZGN□K

频率Frequency	速比Reduction Ratio		3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150
50Hz	输出轴转速 Output Shaft Speed	r/min	500	417	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25	20	16	15	12	10
	允许力矩 Allowable Torque	N.m	0.13	0.15	0.21	0.26	0.31	0.38	0.42	0.53	0.63	0.76	0.76	0.95	1.14	1.36	1.52	1.72	2.06	2.57	2.94	2.94	2.94	2.94
		kgf.cm	1.3	1.5	2.1	2.6	3.2	3.9	4.3	5.4	6.4	7.7	7.7	9.7	11.6	13.9	15.5	17.5	21.0	26.2	30.0	30.0	30.0	30.0
	输出轴转速 Output Shaft Speed	r/min	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12
60Hz	允许力矩 Allowable Torque	N.m	0.10	0.13	0.17	0.21	0.26	0.30	0.34	0.43	0.51	0.62	0.62	0.76	0.92	1.11	1.24	1.39	1.67	2.09	2.50	2.78	2.94	2.94
		kgf.cm	1.0	1.3	1.7	2.1	2.6	3.1	3.5	4.4	5.2	6.3	6.3	7.8	9.4	11.3	12.6	14.2	17.0	21.3	25.5	28.4	30.0	30.0

电容器 CAPACITOR

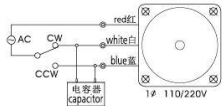


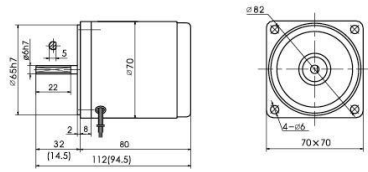
电容容量 uF capacity uF	耐压 Voltage V	长 L±1 mm	宽 W±1 mm	高 H±1 mm	类型 Type
允许偏差±5% Allowable Deviations±5%					
0.8	500	37	14	28	引线式 Down-lead
1.0	500	37	14	28	
3.0	250	49	21	29	
3.5	250	47	22	34	

齿轮箱型式Model of Gearbox: ZGN□K

频率Frequency	速速比Reduction Ratio		180	200
50Hz	输出轴转速 Output Shaft Speed	r/min	8	7.5
	允许力矩 Allowable Torque	N.m	2.94	2.94
		kgf.cm	30.0	30.0
	60Hz	输出轴转速 Output Shaft Speed	r/min	10
允许力矩 Allowable Torque		N.m	2.94	2.94
		kgf.cm	30.0	30.0

接线图 WIRING DIAGRAM





其中()数字系小齿轮轴电机的数值。The value in the () is the value of small gear shaft motor.

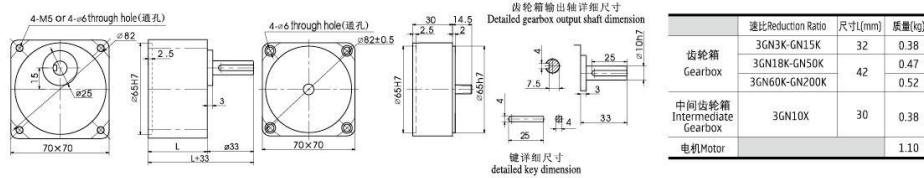


电机特性表 LIST OF MOTOR CHARACTERISTICS

电机型号 Model of Motor		出力 Output	电压 Voltage	频率 Frequency	极数 Poles	额定时间 Duty		额定Rated				启动转矩 Starting Torque		电容容量/耐压 Capacitor/Ve
								转速Speed	电流Current	力矩Torque				
光电机 Motor	带齿轮电机 Motor with gear shaft	W	V	Hz	P			r/min	A	N.m	kgf.cm	N.m	kgf.cm	
3IK15A-A	3IK15GN-A	15	1ph110	50	4	连续	CONT	1300	0.30	0.11	1.10	0.09	0.09	5.0/250
3IK15A-C	3IK15GN-C	15	1ph220	50	4	连续	CONT	1300	0.14	0.11	1.10	0.10	0.95	1.2/500
3IK15A-D		15	1ph220	50	2	连续	CONT	2750	0.17	0.06	0.55	0.08	0.75	1.5/500

●使用电压不同，电容容量也不相同。故应使用电压相对应，正确使用。●不能正确使用是造成故障的主要原因。订货时，在确认使用电压后，选择正确的型号进行订货。
 ●The capacitor capacitance will be different under different voltage. A correct capacitor capacitance is required to match the applied voltage. ●Wrong capacitor capacitance is the cause of trouble. You must confirm a correct voltage and select a correct model when your purchase order is placed.

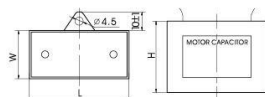
齿轮箱外形尺寸 OVERALL DIMENSION OF GEARBOX



齿轮箱允许力矩 ALLOWABLE TORQUE ON GEARBOX

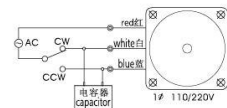
		齿轮箱型式Model of Gearbox: 3GN□K																	
频率Frequency	速比Reduction Ratio	3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75
50Hz	输出轴转速 Output Shaft Speed	r/min	500	417	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25
	允许力矩 Allowable Torque	N.m	0.31	0.38	0.53	0.64	0.79	0.95	1.06	1.32	1.59	1.90	1.90	2.37	2.85	3.42	3.81	4.28	4.90
		kgf.cm	3.2	3.9	5.4	6.5	8.1	9.7	10.8	13.5	16.2	19.4	19.4	24.2	29.1	31.9	38.8	43.6	50.0
60Hz	输出轴转速 Output Shaft Speed	r/min	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30
	允许力矩 Allowable Torque	N.m	0.29	0.35	0.50	0.60	0.75	0.89	0.99	1.25	1.49	1.79	1.79	2.24	2.68	3.22	3.58	4.02	4.83
		kgf.cm	3.0	3.6	5.1	6.1	7.6	9.1	10.1	12.7	15.2	18.2	18.2	22.8	27.3	32.8	36.5	41.0	49.2

电容器 CAPACITOR



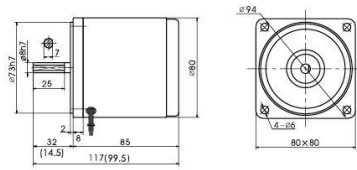
电容容量 μF Capacity μF	耐压 Voltage V	长 L±1 mm	宽 W±1 mm	高 H±1 mm	类型 Type
1.2	500	37	14	28	引线式 Down-lead
1.5	500	37	14	28	
5.0	250	47	23	36	

接线图 WIRING DIAGRAM



齿轮箱型式Model of Gearbox: 3GN□K

频率Frequency	速比Reduction Ratio	180	200
50Hz	输出轴转速 Output Shaft Speed	r/min	8
	允许力矩 Allowable Torque	N.m	4.90
		kgf.cm	50.0
60Hz	输出轴转速 Output Shaft Speed	r/min	10
	允许力矩 Allowable Torque	N.m	4.90
		kgf.cm	50.0



●其中()数字系小齿轮轴电机的数值。●The value in the () is the value of small gear shaft motor.

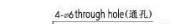
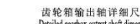
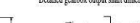
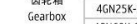
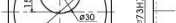
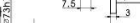
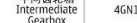
电机特性表 LIST OF MOTOR CHARACTERISTICS

电机型号 Model of Motor		出力 Output	电压 Voltage	频率 Frequency	极数 Poles	额定时间 Duty	额定Rated				启动转矩 Starting Torque		电容量/耐压 Capacitor/Ve
光电机 Motor	带齿轮电机 Motor with gear shaft	W	V	Hz	P		转速Speed r/min	电流Current A	力矩Torque N.m kgf.cm	N.m kgf.cm			
4IK25A-A	4IK25GN-A	25	1ph110	50	4	连续 CONT	1350	0.45	0.18	1.80	0.18	1.80	7.0/250
4IK25A-C	4IK25GN-C	25	1ph220	50	4	连续 CONT	1350	0.24	0.18	1.80	0.18	1.80	1.8/500
4IK25A-S	4IK25GN-S	25	3ph220	50	4	连续 CONT	1300	0.25	0.19	1.88	0.19	1.88	/
4IK25A-Si	4IK25GN-Si	25	3ph380	50	4	连续 CONT	1300	0.14	0.19	1.88	0.19	1.88	/
4IK25A-D		25	1ph220	50	2	连续 CONT	2700	0.28	0.09	0.90	0.09	0.90	2.5/500

●使用电压不同，电容量也不相同。故应和使用电压相对应，正确使用。●不能正确使用是造成故障的主要原因。订货时，在确认使用电压后，选择正确的型号进行订货。

●The capacitor capacitance will be different under different voltage. A correct capacitor capacitance is required to match the applied voltage. ●Wrong capacitor capacitance is the cause of trouble. You must confirm a correct voltage and select a correct model when your purchase order is placed.

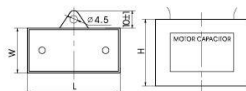
齿轮箱外形尺寸 OVERALL DIMENSION OF GEARBOX

4-M5 or 4-φ6 through hole (通孔)		4-φ6 through hole (通孔)		齿轮箱输出轴详细尺寸 Detailed gearbox output shaft dimension		键详细尺寸 detailed key dimension		速比Reduction Ratio		尺寸L(mm)	质量(kg)	
								齿轮箱 Gearbox		4GN3K-GN20K	32	0.43
								4GN25K-GN50K		43.5	0.57	
								4GN60K-GN200K			0.61	
								中间齿轮箱 Intermediate Gearbox		4GN10X	32	0.43
								电机Motor				1.56

齿轮箱允许力矩 ALLOWABLE TORQUE ON GEARBOX

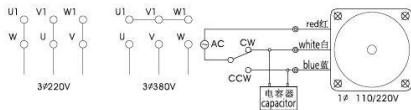
频率Frequency		速比Reduction Ratio		输出轴转速Output Shaft Speed																							
				3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150		
50Hz	输出轴转速 Output Shaft Speed	r/min		500	417	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25	20	16	15	12	10		
	允许力矩 Allowable Torque	N.m		0.42	0.52	0.72	0.86	1.07	1.29	1.43	1.79	2.15	2.58	2.87	3.22	3.87	4.65	5.16	6.45	7.00	7.84	7.84	7.84	7.84			
		kgf.cm		4.28	5.3	7.35	8.77	10.9	13.2	14.6	18.3	21.9	26.3	29.3	32.9	39.5	47.4	52.7	65.8	71.4	80.0	80.0	80.0	80.0			
60Hz	输出轴转速 Output Shaft Speed	r/min		600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12		
	允许力矩 Allowable Torque	N.m		0.35	0.42	0.59	0.70	0.88	1.05	1.17	1.46	1.76	2.11	2.34	2.64	3.17	3.80	4.22	5.28	5.73	7.16	7.84	7.84	7.84			
		kgf.cm		3.59	4.30	5.98	7.20	8.97	10.8	12.0	14.9	17.9	21.5	23.9	26.9	32.3	38.8	43.1	53.9	58.8	73.1	80.0	80.0	80.0	80.0		

电容器 CAPACITOR



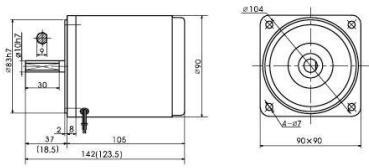
电容量 uF Capacitor uF	耐压 Voltage V	长 L±1 mm	宽 W±1 mm	高 H±1 mm	类型 Type
1.8	500	38	15	28	引线式 Down-lead
2.5	500	38	18	29	
7.0	250	47	23	36	

接线图 WIRING DIAGRAM



齿轮箱型式 Model of Gearbox: 4GN□K

频率Frequency	速比Reduction Ratio		180	200	250
50Hz	输出轴转速 Output Shaft Speed	r/min	8	7.5	6
	允许力矩 Allowable Torque	N.m	7.84	7.84	7.84
		kgf.cm	80.0	80.0	80.0
60Hz	输出轴转速 Output Shaft Speed	r/min	10	9	7.2
	允许力矩 Allowable Torque	N.m	7.80	7.80	7.80
		kgf.cm	80.0	80.0	80.0



●其中()数字系小齿轮轴电机的数值。●The value in the () is the value of small gear shaft motor.

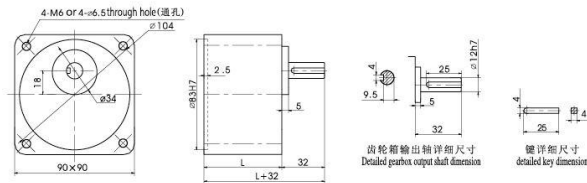


电机特性表 LIST OF MOTOR CHARACTERISTICS

电机型号 Model of Motor		出力 Output	电压 Voltage	频率 Frequency	极数 Poles	额定时间 Duty	额定Rated				启动转矩 Starting Torque		电容量/耐压 Capacitor/Ve
光电机 Motor	带齿轮电机 Motor with gear shaft	W	V	Hz	P		转速Speed r/min	电流Current A	力矩Torque N.m kgf.cm		N.m kgf.cm		μF/VAC
5IK40A-A	5IK40GN-A	40	1ph110	50	4	连续 CONT	1350	0.64	0.29	2.85	0.25	2.50	10.0/250
5IK40A-C	5IK40GN-C	40	1ph220	50	4	连续 CONT	1350	0.32	0.29	2.85	0.28	2.50	2.5/500
5IK40A-S	5IK40GN-S	40	3ph220	50	4	连续 CONT	1300	0.38	0.29	2.90	1.15	11.5	/
5IK40A-S ₃	5IK40GN-S ₃	40	3ph380	50	4	连续 CONT	1300	0.22	0.29	2.90	1.15	11.5	/
5IK40A-D		40	1ph220	50	2	连续 CONT	2800	0.35	0.15	1.45	0.13	1.25	3.0/500

●使用电压不同,电容量也不相同。故应使用电压相对应,正确使用。●不能正确使用是造成故障的主要原因。订货时,在确认使用电压后,选择正确的型号进行订货。
 ●The capacitor capacitance will be different under different voltage. A correct capacitor capacitance is required to match the applied voltage. ●Wrong capacitor capacitance is the cause of trouble. You must confirm a correct voltage and select a correct model when your purchase order is placed.

齿轮箱外形尺寸 OVERALL DIMENSION OF GEARBOX



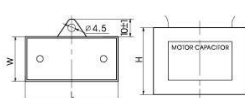
	速比Reduction Ratio	尺寸L(mm)	质量(kg)
齿轮箱 Gearbox	5GN3K-GN15K	42	0.73
	5GN18K-GN36K	60	1.03
	5GN40K-GN200K		1.13
电机Motor			2.34

齿轮箱允许力矩 ALLOWABLE TORQUE ON GEARBOX

齿轮箱型式Model of Gearbox: 5GN□□

频率Frequency	速比Reduction Ratio	r/min	3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150
50Hz	输出轴转速 Output Shaft Speed	r/min	500	417	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25	20	16	15	12	10
	允许力矩 Allowable Torque	N.m	0.68	0.82	1.14	1.37	1.72	2.06	2.29	2.86	3.43	4.13	4.59	5.16	6.20	7.44	8.26	9.80	9.80	9.80	9.80	9.80	9.80	9.80
		kgf.cm	6.94	8.37	11.6	14.0	17.6	21.0	23.4	29.2	35.0	42.1	46.8	52.6	63.3	75.9	84.3	100	100	100	100	100	100	100
60Hz	输出轴转速 Output Shaft Speed	r/min	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12
	允许力矩 Allowable Torque	N.m	0.58	0.70	0.97	1.16	1.45	1.74	1.93	2.41	2.90	3.48	3.87	4.36	5.23	6.28	6.97	8.72	9.46	9.80	9.80	9.80	9.80	9.80
		kgf.cm	5.92	7.14	9.90	11.8	10.8	17.7	19.7	24.6	29.6	35.5	39.5	44.5	53.4	64.1	71.1	89.0	96.5	100	100	100	100	100

电容器 CAPACITOR

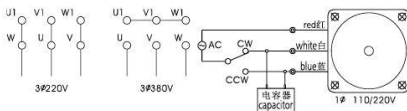


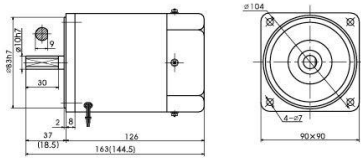
电容量 μF Capacity μF	耐压 Voltage	长 L±1	宽 W±1	高 H±1	类型 Type
允许偏差±5% Allowable Deviation±5%	V	mm	mm	mm	
2.5	500	38	18	29	引线式 Down-lead
3.0	500	47	18	32	
10.0	250	58	23	39	

齿轮箱型式Model of Gearbox: 5GN□□

频率Frequency	速比Reduction Ratio	r/min	180	200	300	500
50Hz	输出轴转速 Output Shaft Speed	r/min	8	7.5	5	3
	允许力矩 Allowable Torque	N.m	9.80	9.80	9.80	9.80
		kgf.cm	100	100	100	100
60Hz	输出轴转速 Output Shaft Speed	r/min	10	9	6	3.6
	允许力矩 Allowable Torque	N.m	9.80	9.80	9.80	9.80
		kgf.cm	100	100	100	100

接线图 WIRING DIAGRAM





●其中()数字系小齿轮轴电机的数值。●The value in () is the value of small gear shaft motor.

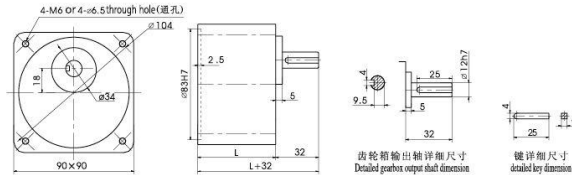
电机特性表 LIST OF MOTOR CHARACTERISTICS

电机型号 Model of Motor		出力 Output	电压 Voltage	频率 Frequency	极数 Poles	额定时间 Duty	额定Rated				启动转矩 Starting Torque		电容容量/耐压 Capacitor/Ve
光电机 Motor	带齿轮轴电机 Motor with gear shaft	W	V	Hz	P		转速Speed	电流Current	力矩Torque		N.m	kgf.cm	μF/VAC
5IK60A-AF	5IK60GN-AF	60	1ph110	50	4	连续 CONT	1350	0.98	0.44	4.40	0.38	3.75	15.0/250
5IK60A-CF	5IK60GN-CF	60	1ph220	50	4	连续 CONT	1350	0.52	0.44	4.40	0.40	4.00	4.0/500
5IK60A-SF	5IK60GN-SF	60	3ph220	50	4	连续 CONT	1350	0.49	0.46	4.55	1.70	17.0	/
5IK60A-SiF	5IK60GN-SiF	60	3ph380	50	4	连续 CONT	1350	0.28	0.46	4.55	1.70	17.0	/
5IK60A-DF		60	1ph220	50	2	连续 CONT	2750	0.56	0.21	2.10	0.25	2.50	4.0/500

●使用电压不同, 电容容量也不相同。故应使用电压相对应, 正确使用。●不能正确使用是造成故障的主要原因。订货时, 在确认使用电压后, 选择正确的型号进行订货。

●The capacitor capacitance will be different under different voltage. A correct capacitor capacitance is required to match the applied voltage. ●Wrong capacitor capacitance is the cause of trouble. You must confirm a correct voltage and select a correct model when your purchase order is placed.

齿轮箱外形尺寸 OVERALL DIMENSION OF GEARBOX

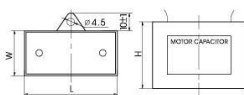


	速比Reduction Ratio	尺寸L(mm)	质量(kg)
齿轮箱 Gearbox	5GN3K-GN15K	42	0.73
	5GN18K-GN36K	60	1.03
	5GN40K-GN200K		1.13
电机Motor			2.69

齿轮箱允许力矩 ALLOWABLE TORQUE ON GEARBOX

频率Frequency		减速比Reduction Ratio	3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150
50Hz	输出轴转速 Output Shaft Speed	r/min	500	417	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25	20	16	15	12	10
	允许力矩 Allowable Torque	N.m	1.03	1.24	1.72	2.6	2.58	3.10	3.10	3.88	4.65	5.38	5.60	7.01	8.41	9.80	9.80	9.80	9.80	9.80	9.80	9.80	9.80	
		kgf.cm	10.5	12.7	17.6	21.0	26.3	31.6	31.6	39.6	47.4	54.9	57.1	71.6	85.8	100	100	100	100	100	100	100	100	100
	60Hz	输出轴转速 Output Shaft Speed	r/min	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15
允许力矩 Allowable Torque		N.m	0.9	1.08	1.50	1.80	2.23	2.70	2.70	3.38	4.05	4.88	4.88	6.10	7.33	8.97	9.80	9.80	9.80	9.80	9.80	9.80	9.80	
		kgf.cm	9.18	11.0	15.3	18.4	23.0	27.6	27.6	34.5	41.3	49.5	49.5	62.2	74.7	90.0	100	100	100	100	100	100	100	100

电容器 CAPACITOR

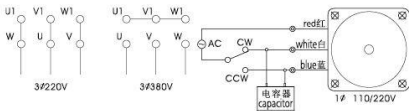


电容容量 μF capacity μF	耐压 Voltage	长 L±1	宽 W±1	高 H±1	类型 Type
4.0	500	49	21	29	引线式
15.0	250	58	25	45	Down-lead

齿轮箱型式 Model of Gearbox: 5GN□K

频率Frequency	速比Reduction Ratio		180	200	300	500
50Hz	输出轴转速 Output Shaft Speed	r/min	8	7.5	5	3
	允许力矩 Allowable Torque	N.m	9.80	9.80	9.80	9.80
		kgf.cm	100	100	100	100
	输出轴转速 Output Shaft Speed	r/min	10	9	6	3.6
60Hz	允许力矩 Allowable Torque	N.m	9.80	9.80	9.80	9.80
		kgf.cm	100	100	100	100

接线图 WIRING DIAGRAM



90W



●其中()数字系小齿轮轴电机的数值。 ●The value in the () is the value of small gear shaft motor.

电机型号 Model of Motor		出力 Output	电压 Voltage	频率 Frequency	极数 Poles	额定时间 Duty	额定Rated			启动转矩 Starting Torque	电容量/耐压 Capacitor/Ve		
光电机 Motor	带齿轮电机 Motor with gear shaft	W	V	Hz			转速Speed r/min	电流Current A	力矩Torque kgf.cm				
5IK90A-AF	5IK90G-AF	90	1ph110	50	4	连续 CONT	1350	1.40	0.64	6.40	0.50	5.00	20.0/250
5IK90A-CF	5IK90G-CF	90	1ph220	50	4	连续 CONT	1350	0.59	0.64	6.40	0.48	4.80	5.0/500
5IK90A-SF	5IK90G-SF	90	3ph220	50	4	连续 CONT	1350	0.66	0.66	6.60	2.40	24.0	/
5IK90A-SiF	5IK90G-SiF	90	3ph380	50	4	连续 CONT	1300	0.28	0.66	6.60	2.40	24.0	/
5IK90A-Df		90	1ph220	50	2	连续 CONT	2800	0.79	3.00	3.00	0.34	3.40	6.0/500

●使用电压不同，电容容量也不相同。故应使用电压相对应，正确使用。●不能正确使用是造成故障的主要原因。订货时，在确认使用电压后，选择正确的型号进行订货。
●The capacitor capacitance will be different under different voltage. A correct capacitor capacitance is required to match the applied voltage. ●Wrong capacitor capacitance is the cause of trouble.
You must confirm a correct voltage and select a correct model when your purchase order is placed.

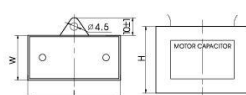
[illegible]

	速比Reduction Ratio	尺寸(Lmm)	质量(kg)
齿轮箱 Gearbox	5GU3K-GU9K	65	1.21
	5GU10K-GU18K		1.30
	5GU20K-GU75K		1.40
	5GU90K-GU200K		1.45
	5GU300K-GU500K		
电机Motor			3.20

齿轮箱型式Model of Gearbox: SGU□K

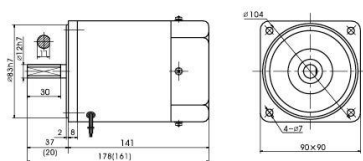
频率Frequency	减速比Reduction Ratio		3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150
50Hz	输出轴转速 Output Shaft Speed	r/min	500	417	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25	20	16	15	12	10
	允许力矩 Allowable Torque	N.m	1.55	1.86	2.58	3.10	3.87	4.64	4.65	5.81	6.98	8.37	8.40	10.5	12.6	15.1	16.8	19.6	19.6	19.6	19.6	19.6	19.6	19.6
		kgf.cm	15.8	19.0	29.2	31.6	39.6	47.2	47.4	59.3	71.2	85.4	85.7	107	129	154	171	200	200	200	200	200	200	200
60Hz	输出轴转速 Output Shaft Speed	r/min	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12
	允许力矩 Allowable Torque	N.m	1.35	1.62	2.25	2.70	3.37	4.04	4.05	5.06	6.07	7.29	7.32	9.15	11.0	13.2	14.6	18.3	19.6	19.6	19.6	19.6	19.6	19.6
		kgf.cm	13.8	16.5	23.0	27.6	34.4	41.2	41.3	51.6	61.9	74.4	74.7	93.4	112	135	149	187	200	200	200	200	200	200

齿轮箱型式Model of Gearbox: 5GU□K



电容量 μF capacity μF 允许偏差 $\pm 5\%$ Allowable Deviation $\pm 5\%$	耐压 Voltage V	长 L ± 1 mm	宽 W ± 1 mm	高 H ± 1 mm	类型 Type
5.0	500	47	23	36	引线式 Down-lead
6.0	500	47	23	36	
20.0	250	58	23	39	

频率Frequency	减速比Reduction Ratio		180	200	300	500
50Hz	输出轴转速 Output Shaft Speed	r/min	8	7.5	5	3
	允许力矩 Allowable Torque	N.m	19.6	19.6	19.6	19.6
		kgf.cm	200	200	200	200
60Hz	输出轴转速 Output Shaft Speed	r/min	10	9	6	3.6
	允许力矩 Allowable Torque	N.m	19.6	19.6	19.6	19.6
		kgf.cm	200	200	200	200



●其中()数字系小齿轮轴电机的数值。 ●The value in the () is the value of small gear shaft motor.

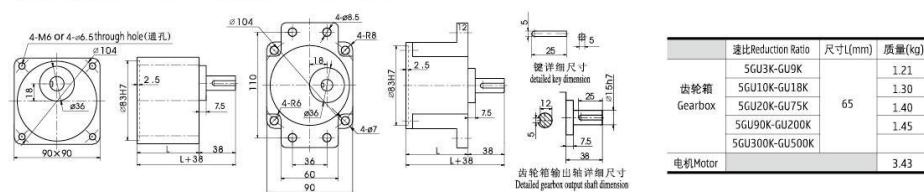


电机特性表 LIST OF MOTOR CHARACTERISTICS

电机型号 Model of Motor		出力 Output	电压 Voltage	频率 Frequency	极数 Poles	额定时间 Duty	额定Rated				启动转矩 Starting Torque		电容量/耐压 Capacitor/Ve
光电机 Motor	带齿轮电机 Motor with gear shaft	W	V	Hz	P		转速Speed	电流Current	力矩Torque		N.m	kgf.cm	μF/VAC
5IK120A-AF	5IK120GU-AF	120	1ph110	50	4	连续 CONT	1250	1.80	0.90	9.00	0.65	6.50	20.0/250
5IK120A-CF	5IK120GU-CF	120	1ph220	50	4	连续 CONT	1300	0.82	0.87	8.65	0.75	7.50	7.0/500
5IK120A-SF	5IK120GU-SF	120	3ph220	50	4	连续 CONT	1300	0.83	0.87	8.65	3.20	32.00	/
5IK120A-SsF	5IK120GU-SsF	120	3ph380	50	4	连续 CONT	1300	0.40	0.87	8.65	3.20	32.00	/
5IK120A-DF		120	1ph220	50	2	连续 CONT	2800	1.20	0.40	4.00	0.51	5.05	8.0/500

●使用电压不同,电容量也不相同。故应与使用电压相对应,正确使用。●不能正确使用是造成故障的主要原因。订货时,在确认使用电压后,选择正确的型号进行订货。
●The capacitor capacitance will be different under different voltage. A correct capacitor capacitance is required to match the applied voltage. ●Wrong capacitor capacitance is the cause of trouble. You must confirm a correct voltage and select a correct model when your purchase order is placed.

齿轮箱外形尺寸 OVERALL DIMENSION OF GEARBOX

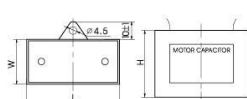


齿轮箱允许力矩 ALLOWABLE TORQUE ON GEARBOX

齿轮箱型式Model of Gearbox: 5GU□K

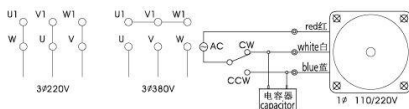
频率Frequency	減速比Reduction Ratio		3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150
50Hz	輸出軸轉速 Output Shaft Speed	r/min	500	417	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25	20	16	15	12	10
	允許力矩 Allowable Torque	N.m	2.14	2.57	3.57	4.29	5.38	6.43	6.43	8.05	9.66	11.6	11.6	14.6	17.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
		kgf.cm	21.8	26.2	36.4	43.8	54.7	65.6	65.6	82.1	98.6	118	118	149	196	200	200	200	200	200	200	200	200	200
60Hz	輸出軸轉速 Output Shaft Speed	r/min	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12
	允許力矩 Allowable Torque	N.m	1.80	2.16	3.00	3.60	4.49	5.39	5.39	6.75	8.10	9.72	9.72	12.2	14.6	17.6	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6
		kgf.cm	18.4	22.0	30.6	36.7	45.8	55.0	55.0	68.9	82.7	99.2	99.2	124	149	180	199	200	200	200	200	200	200	200

电容器 CAPACITOR



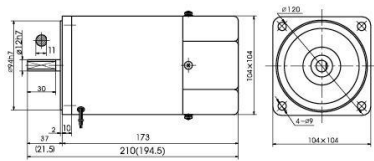
电容量 μF Capacity μF	耐压 Voltage	长 L±1	宽 W±1	高 H±1	类型 Type
7.0	500	47	23	36	引线式 Down-lead
8.0	500	47	26	39	
20.0	250	58	23	39	

接线图 WIRING DIAGRAM



齿轮箱型式Model of Gearbox: 5GU□K

频率Frequency	减速比Reduction Ratio		180	200	300	500
50Hz	输出轴转速 Output Shaft Speed	r/min	8	7.5	5	3
	允许力矩 Allowable Torque	N.m	19.6	19.6	19.6	19.6
		kgf.cm	200	200	200	200
60Hz	输出轴转速 Output Shaft Speed	r/min	10	9	6	3.6
	允许力矩 Allowable Torque	N.m	19.6	19.6	19.6	19.6
		kgf.cm	200	200	200	200



●其中()数字系小齿轮轴电机的数值。●The value in the () is the value of small gear shaft motor.



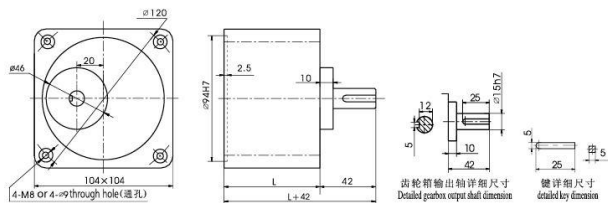
电机特性表 LIST OF MOTOR CHARACTERISTICS

电机型号 Model of Motor		出力 Output	电压 Voltage	频率 Frequency	极数 Poles	额定时间 Duty	额定Rated			启动转矩 Starting Torque		电容量/耐压 Capacitor/Ve
光电机 Motor	带齿轮电机 Motor with gear shaft	W	V	Hz	P		转速Speed r/min	电流Current A	力矩Torque N.m kgf.cm	N.m kgf.cm		
6IK140A-AF	6IK140GU-AF	140	1ph110	50	4	连续 CONT	1350	2.00	0.99	9.95	0.90	30.0/250
6IK140A-CF	6IK140GU-CF	140	1ph220	50	4	连续 CONT	1350	0.91	0.99	9.95	0.90	10.0/500
6IK140A-SF	6IK140GU-SF	140	3ph220	50	4	连续 CONT	1350	0.95	0.99	9.95	3.50	/
6IK140A-SsF	6IK140GU-SsF	140	3ph380	50	4	连续 CONT	1350	0.55	0.99	9.95	3.50	/
6IK140A-DF		140	1ph220	50	2	连续 CONT	2800	0.88	0.45	4.50	0.44	10.0/500

●使用电压不同,电容量也不相同。故应使用电压相对应,正确使用。●不能正确使用是造成故障的主要原因。订货时,在确认使用电压后,选择正确的型号进行订货。

●The capacitor capacitance will be different under different voltage. A correct capacitor capacitance is required to match the applied voltage. ●Wrong capacitor capacitance is the cause of trouble. You must confirm a correct voltage and select a correct model when your purchase order is placed.

齿轮箱外形尺寸 OVERALL DIMENSION OF GEARBOX



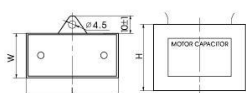
	速比Reduction Ratio	尺寸(Lmm)	质量(kg)
齿轮箱 Gearbox	6GU3K-GU9K	72	1.87
	6GU10K-GU18K		2.10
	6GU20K-GU200K		2.75
电机Motor			4.94

齿轮箱允许力矩 ALLOWABLE TORQUE ON GEARBOX

齿轮箱型式Model of Gearbox: 6GU□K

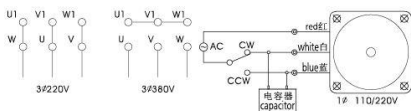
频率Frequency	减速比Reduction Ratio		3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150
50Hz	输出轴转速 Output Shaft Speed	r/min	500	417	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25	20	16	15	12	10
	允许力矩 Allowable Torque	N.m	2.36	2.83	3.93	4.71	5.89	7.07	7.07	8.85	10.6	12.7	12.7	16.0	19.2	23.0	25.6	32.0	38.4	39.2	39.2	39.2	39.2	
		kgf.cm	24.1	28.8	40.1	48.1	60.1	72.1	72.1	90.3	108	130	130	163	196	235	261	327	392	400	400	400	400	
60Hz	输出轴转速 Output Shaft Speed	r/min	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12
	允许力矩 Allowable Torque	N.m	2.03	2.44	3.39	4.06	5.08	6.09	6.09	7.60	9.15	11.0	11.0	13.8	16.6	19.9	22.1	27.6	33.1	39.2	39.2	39.2	39.2	
		kgf.cm	20.7	24.9	34.6	41.2	51.8	62.1	62.1	77.6	93.4	112	112	141	169	203	226	282	338	400	400	400	400	

电容器 CAPACITOR



电容量 μF Capacity μF	耐压 Voltage V	长 L=1 mm	宽 W=1 mm	高 H=1 mm	类型 Type
允许偏差±5% Allowable Deviation±5%					
10.0	500	47	26	38	引线式 Down-lead
30.0	250	68	32	56	

接线图 WIRING DIAGRAM



齿轮箱型式Model of Gearbox: 6GU□K

频率Frequency	速比Reduction Ratio		180	200
50Hz	输出轴转速 Output Shaft Speed	r/min	8	7.5
	允许力矩 Allowable Torque	N.m	39.2	39.2
		kgf.cm	400	400
60Hz	输出轴转速 Output Shaft Speed	r/min	10	9
	允许力矩 Allowable Torque	N.m	39.2	39.2
		kgf.cm	400	400

180W



电机特性表 LIST OF MOTOR CHARACTERISTICS

●使用电压不同, 电容容量也不相同。故应使用电压相对应, 正确使用。●不能正确使用是造成故障的主要原因。订货时, 在确认使用电压后, 选择正确的型号进行订货。
●The capacitor capacitance will be different under different voltage. A correct capacitor capacitance is required to match the applied voltage. ●Wrong capacitor capacitance is the cause of trouble. You must confirm a correct voltage and select a correct model when your purchase order is placed.

Technical drawing of the output shaft assembly showing three views: front view, side view, and detail views of the gear and key.

Front View: A square flange with a central hole of diameter $\varnothing 120$. Four mounting holes are located at the corners, each with a diameter of $\varnothing 46$. The distance between the centers of the mounting holes is 104×104 . The central hole has a diameter of $\varnothing 20$. The flange has a thickness of 4 ± 0.08 or 4 ± 0.09 through hole (螺孔).

Side View: Shows the shaft with a diameter of $\varnothing 47$. The distance from the flange face to the start of the shaft is 2.5 . The shaft has a diameter of 10 in the middle section. The total length of the shaft is L , and the distance from the flange face to the end of the shaft is $L + 42$. The distance from the flange face to the center of the gear is 42 .

Detail Views:

- Gear Output Shaft Detail:** Shows the gear with a pitch diameter of $\varnothing 156.7$. The gear has a thickness of 25 and a keyway with a width of 10 . The distance from the flange face to the center of the gear is 42 . The distance from the flange face to the end of the shaft is L .
- Key Detail:** Shows a key with a width of 25 and a height of 12 . The distance from the flange face to the end of the shaft is L .

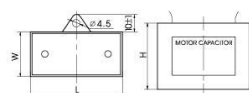
Labels: 齿轮箱输出轴轴衬尺寸 (Gearbox output shaft dimension), 键轴衬尺寸 (Key dimension).

	速比Reduction Ratio	尺寸L(mm)	质量(kg)
齿轮箱 Gearbox	6GU3K-6U9K	72	1.87
	6GU10K-6U18K		2.10
	6GU20K-6U200K		2.75
电机Motor			4.94

齿轮箱型式 Model of Gearbox: 6GU□K

频率Frequency	减速比Reduction Ratio		3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150
50Hz	输出轴转速 Output Shaft Speed	r/min	500	417	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25	20	16	15	12	10
	允许力矩 Allowable Torque	N.m	2.36	2.83	3.93	4.71	5.89	7.07	7.07	8.85	10.6	12.7	12.7	16.0	19.2	23.0	25.6	32.0	38.4	39.2	39.2	39.2	39.2	39.2
		kgf.cm	24.1	28.8	40.1	48.1	60.1	72.1	72.1	90.3	108	130	130	163	196	235	261	327	392	400	400	400	400	400
60Hz	输出轴转速 Output Shaft Speed	r/min	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12
	允许力矩 Allowable Torque	N.m	2.03	2.44	3.39	4.06	5.08	6.09	6.09	7.60	9.15	11.0	11.0	13.8	16.6	19.9	22.1	27.6	33.1	39.2	39.2	39.2	39.2	39.2
		kgf.cm	20.7	24.9	34.6	41.2	51.8	62.1	62.1	77.6	93.4	112	112	141	169	203	226	282	338	400	400	400	400	400

齿轮箱型式Model of Gearbox: 6GU□K



电容量容量 capacity pF 允许偏差±5% Allowable Deviations±5%	耐压 Voltage	长 L±1	宽 W±1	高 H±1	类型 Type
	V	mm	mm	mm	
12.0	450	58	23	39	引线式 Down-lead
35.0	500	68	32	56	

频率Frequency	减速比Reduction Ratio		180	200
50Hz	输出轴转速 Output Shaft Speed	r/min	8	7
	允许力矩 Allowable Torque	N.m	39.2	39
		kgf.cm	400	40
60Hz	输出轴转速 Output Shaft Speed	r/min	10	9
	允许力矩 Allowable Torque	N.m	39.2	39
		kgf.cm	400	40