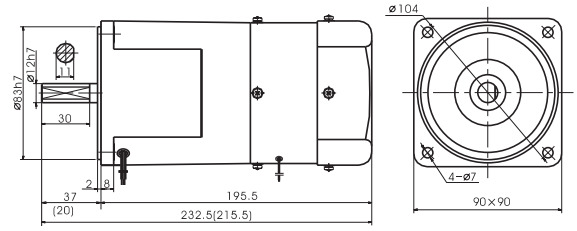
电机外形尺寸 Motor Overall Dimension



●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.

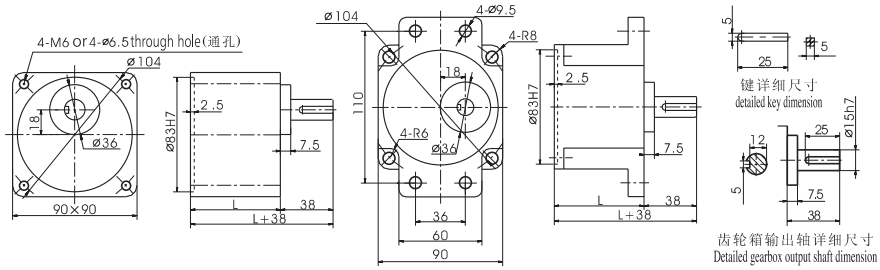
刹车调速电机 Brake Speed Adjustable Motor 90W

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	调速范围旋转速度 RPM	允许力矩 Allowable Torque				起动转矩 Starting Torque		电容容量 / 耐压 Capacitor/Ve
								1200r/min 时		90r/min 时				
光电机 Motor	带齿轴电机 Motor with gear shaft	W	V	Hz	P		r/min	N.m	kgf.cm	N.m	kgf.cm	N.m	kgf.cm	μF/VAC
5RK90A-AMF	5RK90RGU-AMF	90	1ph110	50	4	30Min	90～1350	0.71	7.10	0.23	2.30	0.64	6.40	25.0/250
5RK90A-CMF	5RK90RGU-CMF	90	1ph220	50	4	30Min	90～1350	0.71	7.10	0.23	2.30	0.45	4.50	6.0/450

●使用电压不同，电容容量也不相同。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



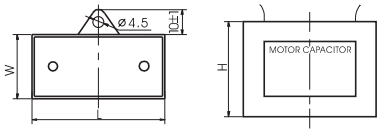
	速比 Reduction Ratio	尺寸 L(mm)	质量(kg)
齿轮箱 Gearbox	5GU3K-GU9K	65	1.21
	5GU10K-GU18K		1.30
	5GU20K-GU75K		1.40
	5GU90K-GU200K		1.45
电机 Motor			3.65

齿轮箱允许力矩 Allowable Torque on Gearbox

齿轮箱型式 Model of Gearbox: 5GU □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	500	360	240	200	180	144	120	100	80	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

电容器 Capacitor



电容容量 μF capacity μF 允许偏差 ± 5% Allowable Deviation± 5%	耐压 Voltage	长 L± 1	宽 W± 1	高 H± 1	类型 Type
	V	mm	mm	mm	
6.0	450	47	26	38	引线式 Down-lead
25.0	250	68	32	56	

齿轮箱型式 Model of Gearbox: 5GU □K

频率 Frequency	减速比 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	19.6	19.6
		kgf.cm	200	200
60Hz	输出轴转速 Output Shaft Speed	r/min	10	9
	允许力矩 Allowable Torque	N.m	19.6	19.6
		kgf.cm	200	200