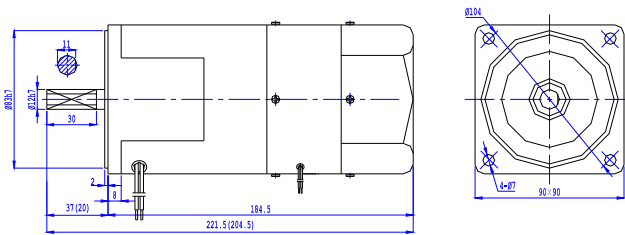


Motor Overall Dimension :



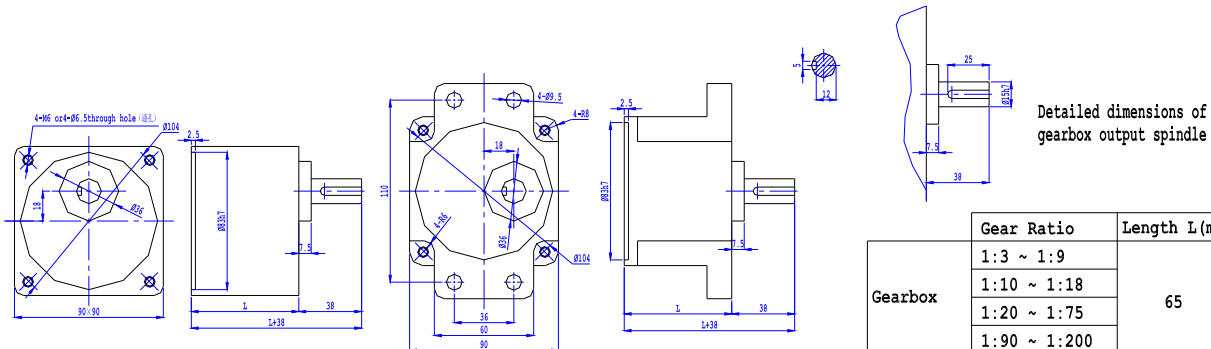
* The value in the () is the value of small gear shaft motor

List of Motor Characteristics

Model of Motor & Gearbox		Output Power (W)	Rated Voltage (V)	Rated Freq'y (Hz)	No. of Poles (P)	Duty Cycle	Rated Load			Starting Torque		Capacitor /Voltage (µF/VAC)	
Motor Only	Motor with Gear Shaft						Speed (r/min)	Current (A)	Torque (N.m) (kgf.cm)	(N.m)	(kgf.cm)		
5RK90A-AMF	5RK90GU-AMF	90	1Ph 110	50	4	30Min	1350	1.55	0.64	6.40	0.48	4.80	25.0/250
5RK90A-CMF	5RK90GU-CMF	90	1Ph 220	50	4	30Min	1350	0.70	0.64	6.40	0.48	4.80	6.0/450
5RK90A-SMF	5RK90GU-SMF	90	3Ph 220	50	4	30Min	1350	0.66	0.66	6.60	2.30	23.0	/
5RK90A-SMF	5RK90GU-SMF	90	3Ph 380	50	4	30Min	1350	0.38	0.66	6.60	2.30	23.0	/

If the voltage is different, the capacitor's capacity will also be different. A suitable capacitor is required to match the applied voltage. Wrong of the motor or components is the main reason to cause problem. So before order, please specify the correct voltage & select the suitable model(s).

Overall Dimension of Gearbox



Detailed dimensions of gearbox output spindle

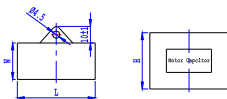
Gearbox	Gear Ratio	Length L (mm)	G.W. (Kgs)
	1:3 ~ 1:9		65
1:10 ~ 1:18	1.30		
1:20 ~ 1:75	1.40		
1:90 ~ 1:200	1.45		
Motor			3.60

Allowable Torque on Gearbox

Model of Gearbox: 5GU K □

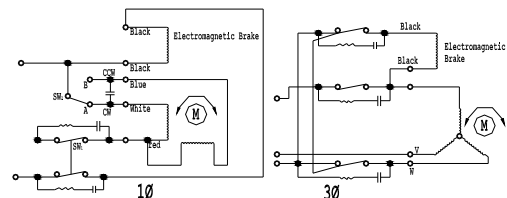
Freq'y	Gear Ratio	RPM	Output Torque																							
			3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
50Hz	Output Speed	RPM	500	417	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25	20	16	15	12	10	8	7.5
	Permitted	N.m	1.55	1.86	2.58	3.10	3.87	4.64	4.65	5.81	6.98	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	19.6	19.6
	Torque	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	200	200
60Hz	Output Speed	RPM	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12	10	9
	Permitted	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	19.6	19.6
	Torque	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	200	200

Capacitor



Capacity (µF)	Voltage	L±1	W±1	H±1	Type
6.0	450	47	26	38	With Lead Wire
25.0	250	68	32	56	With Lead Wire

Wiring Diagram



Induction Motor