

## K Series

# 140 W



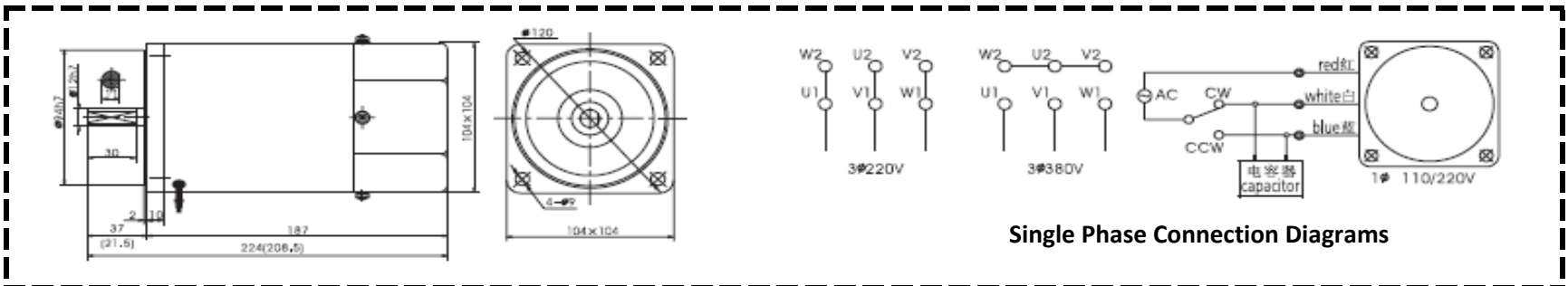
### Motor Specification

Motor	Model	Output	Volt	Freq	Pole	Duty	Rated				Start Torque		Capacitor
							Speed	Current	Torque		N.m	kgf.cm	
	Motor With Gear shaft	W	V	Hz	P		r/min	A	N.m	kgf.cm	N.m	kgf.cm	μf/VAC
AI100-15140S4-RF	GI6K140GU-AF	140	1ph110	50	4	CONT	1350	2.00	0.99	9.95	0.90	9.00	30.0/250
AI100-35140S4-F	GI6K140GU-CF	140	1ph220	50	4	CONT	1350	1.13	0.99	9.95	0.90	9.00	10.0/450
AI100-35140T2-F	GI6K140GU-SF	140	3ph220	50	4	CONT	1350	0.95	0.99	9.95	3.50	35.00	/
AI100-105140T4-F	GI6K140GU-S <sub>3</sub> F	140	3ph380	50	4	CONT	1350	0.55	0.99	9.95	3.50	35.00	/
AI100-35140S2		140	1ph220	50	4	CONT	2800	0.88	0.45	4.50	0.44	4.40	10.0/450

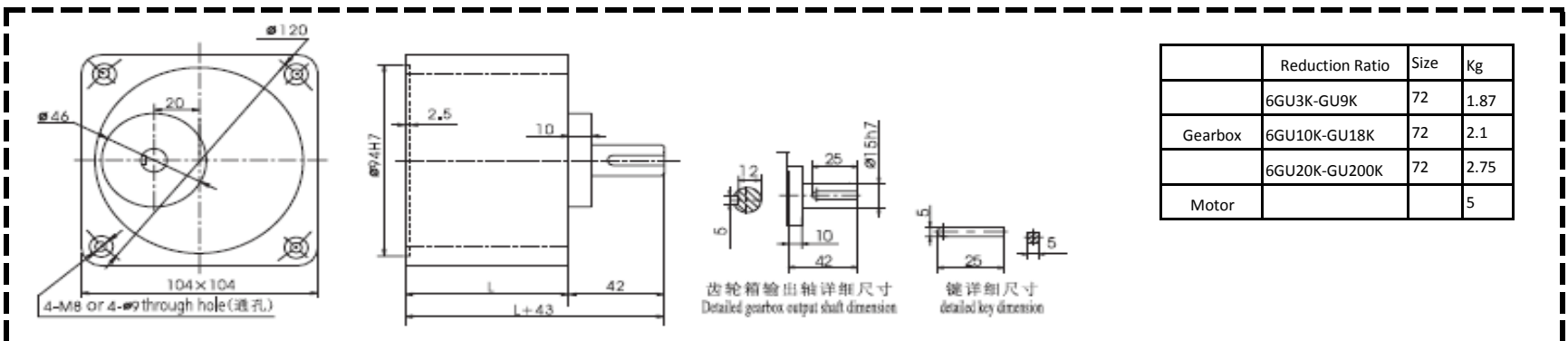
### Gearbox

Frequency	Reduction Ratio	Gearbox Ratios																								
		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	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	8	7.5
	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	19.2	23	25.6	32	38.4	39.2	39.2	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	400	400	
60HZ	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	10	9
	Allowable Torque	N.m	2.03	2.44	3.39	4.06	5.08	6.09	6.09	7.6	9.15	11	11	13.8	16.6	19.9	22.1	27.6	33.1	39.2	39.2	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	400	400	

### Motor Dimension



### Gearhead Dimension



### Compacitor

