

## 6 W

**K Series**  
Single Phase  
110/220  
Speed Adjusted Motor



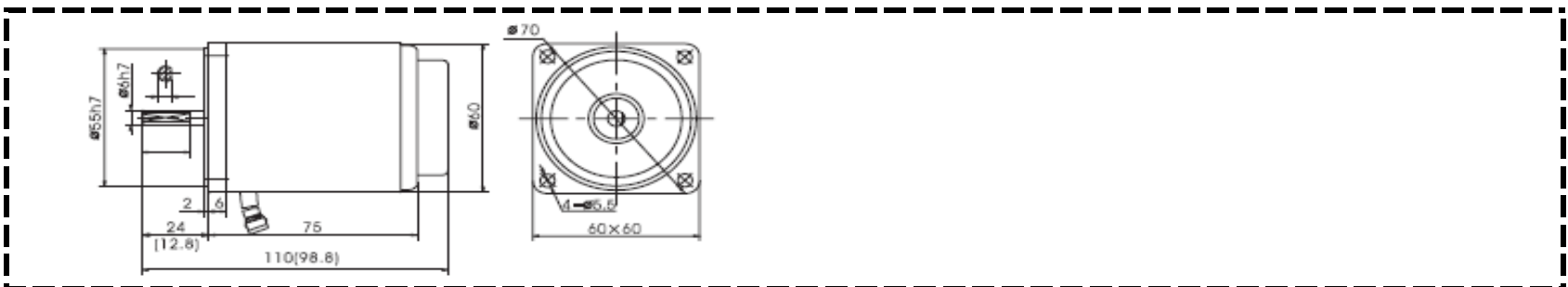
### Motor Specification

Model		Output	Volt	Freq Pole		Duty	RPM	Allowable Torque				Start Torque		Capacitor
Motor	Motor With Gear shaft			Hz	P			1200r/min		90r/min		N.m	kgf.cm	
		W	V	Hz	P		rpm	N.m	kgf.cm	N.m	kgf.cm	N.m	kgf.cm	µf/VAC
AI60-156S4-R	GI2K6RGN-A	6	1ph110	50	4	CONT	90~1350	0.05	0.50	0.03	0.29	0.03	0.33	3.0/250
AI60-356S4-R	GI2K6RGN-C	6	1ph220	50	4	CONT	90~1350	0.05	0.50	0.03	0.29	0.03	0.33	0.8/450
AR60-156S4-R	GR2K6RGN-A	6	1ph110	50	4	30Min	90~1350	0.06	0.55	0.03	0.32	0.04	0.38	3.5/250
AR60-356S4-R	GR2K6RGN-C	6	1ph220	50	4	30Min	90~1350	0.06	0.55	0.03	0.32	0.00	0.38	1.0/450

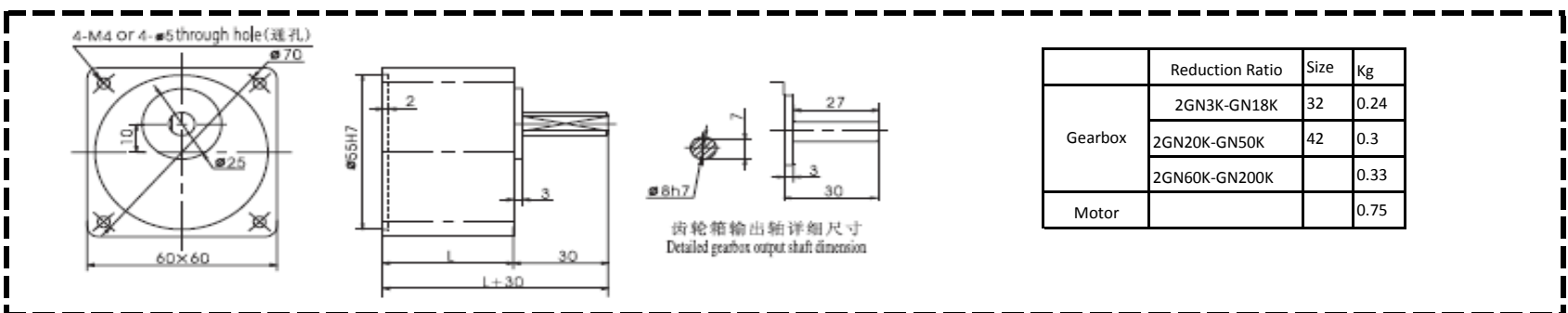
### Gearbox

Frequency	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	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	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	2.94	2.94
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	0.1	0.13	0.17	0.21	0.26	0.3	0.34	0.43	0.51	0.62	0.62	0.76	0.92	1.11	1.24	1.39	1.67	2.09	2.5	2.78	2.94	2.94	2.94	2.94

### Motor Dimension

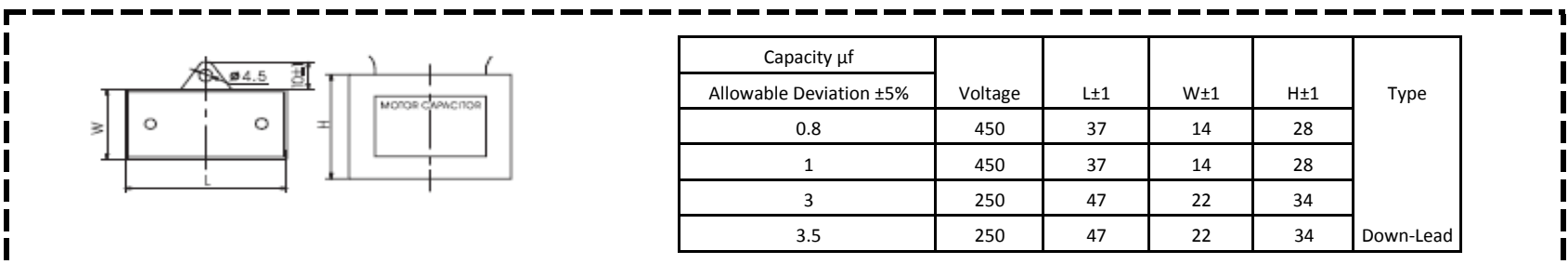


### Gearhead Dimension



	Reduction Ratio	Size	Kg
Gearbox	2GN3K-GN18K	32	0.24
	2GN20K-GN50K	42	0.3
	2GN60K-GN200K		0.33
Motor			0.75

### Compacitor



Capacity µf	Voltage	L±1	W±1	H±1	Type
Allowable Deviation ±5%					
0.8	450	37	14	28	Down-Lead
1	450	37	14	28	
3	250	47	22	34	
3.5	250	47	22	34	