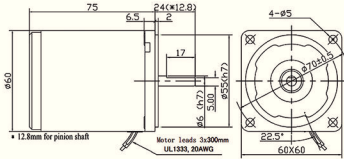
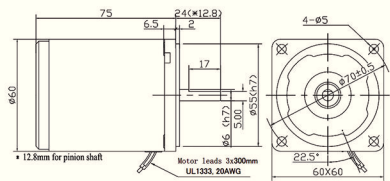


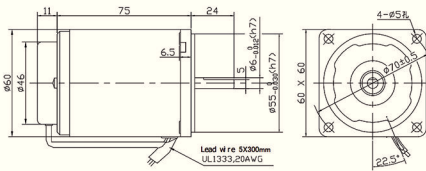
AC motor



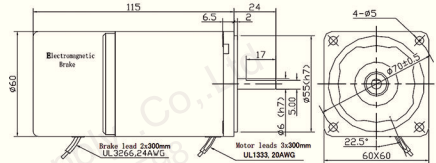
REVERSIBLE motor



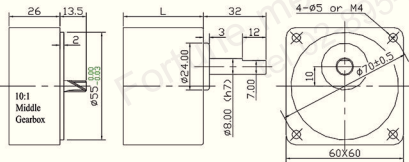
SPEEDCONTROL motor



MANETIC BRAKE motor



GEAR HEAD

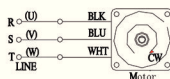
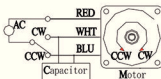


Item	Ratio	L	Weight	
		mm	Kg	lb
Gearhead (2GNxxK)	3 - 18	32	0.24	0.53
	25 - 50	42	0.3	0.66
	60 - 200		0.33	0.73
Middle gearbox(10:1)			0.2	0.44
Motor			0.7	1.54

● Connection Diagrams:

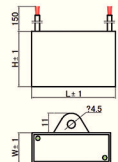
● Lead Wire Single Phase

● Lead Wire Three Phase



Capacitor:

Value	Dimensions
uF	V L H W
2.0 - 2.5	250 37 14 28
0.5 - 1.5	450 37 18 28
3.5 - 4.0	250 37 18 28
1.8 - 2.5	450 37 18 28



● Induction motor specifications-continuous Rating (leads wire type)

Model		Output Power	Voltage	Freq.	Current	Starting Torque	Rated Torque	Rated Speed	Capacitor
Pinion Shaft	Round Shaft	W	Vac	Hz	Amp	mN.m	mN.m	r/min	µF/V
2IK6GN-A	2IK6A-A	6	1ph110	50	0.24	55	48	1200	3.5/250
				60	0.25	50	40	1450	
2IK6GN-C	2IK6A-C	6	1ph220	50	0.13	50	48	1200	0.8/450
					0.11			1450	

- These motors have built in thermal protectors: If a motor overheats the thermal protector opens and the motor stops. When the motor temperature drops to the rated level, the thermal protector closes and the motor restarts.

● Reversible motor specifications-30 minute rating (leads wire type)

Model		Output Power	Voltage	Freq.	Current	Starting Torque	Rated Torque	Rated Speed	Capacitor
Pinion Shaft	Round Shaft	W	Vac	Hz	Amp	mN.m	mN.m	r/min	µF/V
2RK6GN-A	2RK6A-A	6	1ph100	50	0.265	60	48	1200	4
				60	0.232	55	40	1450	
2RK6GN-C	2RK6A-C	6	1ph220	50	0.145	55	48	1200	1
					0.15			1450	

- These motors have built in thermal protectors: If a motor overheats the thermal protector opens and the motor stops. When the motor temperature drops to the rated level, the thermal protector closes and the motor restarts.

● Speed Control motor specifications-continuous Rating (leads wire type)

Model		Output Power	Voltage	Freq.	Speed Range	Allowable Torque		Starting Torque	Current	Capacitor
Pinion Shaft	Round Shaft	W	Vac	Hz	r/min	1200rpm	90rpm	mN.m	Amp	µF/V
2IK6RGN-A	2IK6RA-A	6	1ph100	50	90~1400	50	30	35	0.26	3.5/250
					90~1700	50	29	35	0.28	
2IK6RGN-C	2IK6RA-C	6	1ph220	50	90~1400	55	29	35	0.15	0.8/450

- These motors have built in thermal protectors: If a motor overheats the thermal protector opens and the motor stops. When the motor temperature drops to the rated level, the thermal protector closes and the motor restarts.

● Brake motor specifications (leads wire type)

Model		Duty	Output power	Voltage	Freq.	Current	Starting torque	Rated torque	Rated speed	CAP
(Lead wire type)										
Pinion Shaft	Round Shaft	W	V	V	Hz	A	mN.m	mN.m	r/min	µF/VAC
2IK6GN-AM	2IK6A-AM	Cont.	6	1ph100	50	0.265	60	48	1200	4
						0.232	55	40	1450	
2IK6GN-CM	2IK6A-CM	Cont.	6	1ph220	50	0.145	55	48	1200	1
						0.15				

- These motors have built in thermal protectors: If a motor overheats the thermal protector opens and the motor stops. When the motor temperature drops to the rated level, the thermal protector closes and the motor restarts.

● Gear Motor-Torque Table

Model	Gear Ratio	Gear Ratio																							
		X:1	3	3.6	5	6	7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180	200		
		Efficiency %	81															73					66		
2IK6GN-AM	50Hz	Speed	500	417	300	250	200	166	120	100	83	60	50	41	30	25	20	16	15	12.5	10	8.3	7.5		
		60Hz	600	500	360	300	240	200	144	120	100	72	60	50	36	30	24	20	18	15	12	10	9		
2IK6GN-CM	50Hz	Nm	0.12	0.14	0.19	0.23	0.29	0.35	0.49	0.58	0.7	0.88	1.1	1.3	1.6	1.9	2.4	2.9	3	3	3	3	3		
		Kg.cm	1.22	1.43	1.94	2.35	2.96	3.57	5	5.92	7.14	8.98	11.2	13.3	16.3	19.4	24.5	29.6	30	30	30	30	30		
2IK6GN-CM	60Hz	Nm	0.1	0.12	0.16	0.19	0.24	0.29	0.41	0.49	0.58	0.73	0.88	1.1	1.3	1.6	2	2.4	2.6	3	3	3	3		
		Kg.cm	1.02	1.22	1.63	1.94	2.45	2.96	4.16	5	5.92	7.45	8.98	11.2	13.3	16.3	20.4	24.5	2.65	30	30	30	30		

- Enter the gear ratio in the box x. Colored background indicates the output shaft rotate in the same direction as the motor shaft.
- The speed is calculated based on the synchronous speed (50 Hz: 1500rpm; 60Hz: 1800 rpm) by the gear ratio.
- Higher gear ratio (>200) can be achieved by adding a middle gearbox (10:1 only). Using Middle Gearbox limits Max.torque to 3Nm (30kg.cm)