

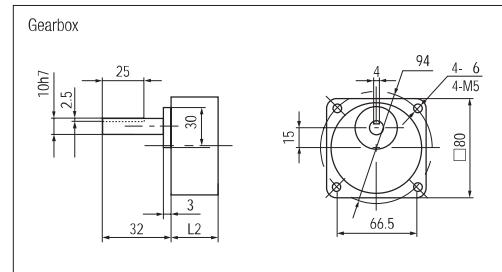
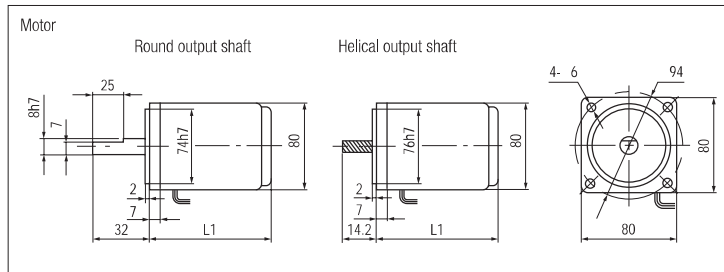
Micro AC Gear Motor

4RK AC Gear Motor (80mm)

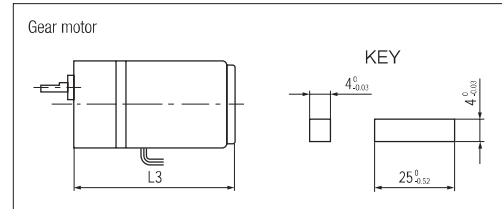
Motor Characteristics Table

Motor type	Motor model		Power output (W)	Frequency (Hz)	Voltage (V)	Current (A)	Starting torque (g.cm)	Rating		Starting capacitance		Gear model no.	
	Round shaft	Helical shaft						Torque (g.cm)	Speed (rpm)	Capacity (μF)	Withstand voltage (V)	Bearing	Intermediate gear
Reversible motor	4RK25A-A	4RK25GN-A	25	50	110	0.60	1950	1950	1250	8	250	4GN-K	4GM10X
				60	110	0.55	1650	1620	1500	7			
	4RK25A-C	4RK25GN-C	25	50	220	0.30	1950	1950	1250	2.0	500	4GN-K	4GM10X
				60	220	0.27	1650	1620	1500	1.8			
	4RK30A-A	4RK30GN-A	30	50	110	0.70	2400	2350	1250	10	250	4GN-K	4GM10X
				60	110	0.65	1950	1950	1500	8			
	4RK30A-C	4RK30GN-C	30	50	220	0.35	2400	2350	1250	2.5	500	4GN-K	4GM10X
				60	220	0.32	1950	1950	1450	2			

Outline Dimension



Model	Reduction ratio	L1(mm)	L2(mm)	L3(mm)
4IK(RK)25A(GN)	1:3~1:20	86	32	118
4IK(RK)30A(GN)		86	32	118
4IK(RK)25A(GN)	1:25~1:180	86	44	130
4IK(RK)30A(GN)		86	44	130



Torque Table (Kg-cm)

(kg-cm×9.8÷100)=N·m

Synchronous speed: r/min		500	300	200	150	120	100	75	60	50	30	20	15	10	7.5	6	5	3
Reduction ratio	50Hz	3	5	7.5	10	12.5	15	20	25	30	50	75	100	150	200	250	300	500
	60Hz	3.6	6	9		15	18		30	36	60	90	120	180		300	360	600
Allowable load	25W kg-cm	4	6.7	10	13.3	16	20	26.7	32	39	65	80	80	80	80	80	80	80
	30W kg-cm	4.8	8	12	16	20	24	32	38	46	76	80	80	80	80	80	80	80

The figures listed in the table are based on the speed of synchronous operation of the motor; and the actual output speed under the rated load is 80% to 90% of the operation under synchronous speed. Light gray indicates the direction of output shaft is same with motor. White indicates the direction of output shaft is contrary to motor.