

微型交流减速马达

3I(R)K 交流减速马达 (70mm)

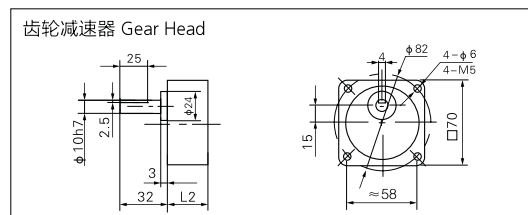
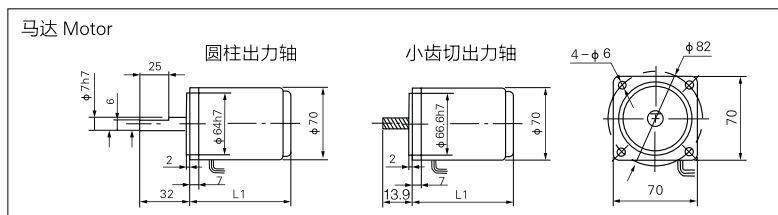


微型交流减速马达 Mini Gear Motor

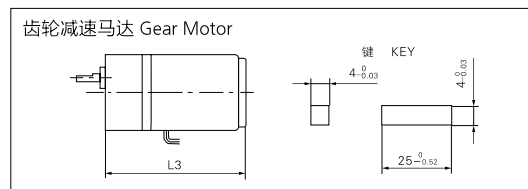
马达特性表 Specifications of motor

马达类型	马达型号 Motor Model No.		出力 Force W	周波数 Peripheral Wave No. Hz	电压 Voltage V	电流 Current A	起动转矩 Start Turning Moment gcm	定格 Rating		起动电容 Start Condenser		齿轮型号 Gear Model No	
	圆柱出力轴 Cylindrical Output Shaft	小齿切出力轴 Pinion Cut Output Shaft						转矩 Turning Moment gcm	回转数 Revolving No. rpm	容量 Capacity μF	耐电压 Resistance Voltage V	培林(轴承) Pairing Bearing	中间齿轮 Middle Gear
可逆马达 Rerersible Motor	3RK10A-A	3RK10GN-A	10	50	110	0.30	700	812	1200	4	250	3GN-K	3GN10X
				60	110	0.27	550	650	1500	3			
	3RK10A-C	3RK10GN-C	10	50	220	0.15	700	812	1200	1	500	3GN-K	3GN10X
				60	220	0.135	550	650	1500	0.8			
	3RK15A-A	3RK15GN-A	15	50	110	0.40	1350	1200	1200	6	250	3GN-K	3GN10X
				60	110	0.36	1050	9350	1500	5			
	3RK15A-C	3RK15GN-C	15	50	220	0.20	1350	1200	1200	1.5	500	3GN-K	3GN10X
				60	220	0.18	1050	9350	1500	1.2			
	3RK20A-A	3RK20GN-A	20	50	110	0.50	1750	1600	1200	7	250	3GN-K	3GN10X
				60	110	0.45	1380	1250	1500	6			
	3RK20A-C	3RK20GN-C	20	50	220	0.25	1750	1600	1200	1.8	500	3GN-K	3GN10X
				60	220	0.23	1380	1250	1500	1.5			
3RK30A-A	3RK30GN-A	30	50	110	0.80	2700	2450	1200	14	250	3GN-K	3GN10X	
			60	110	0.70	2150	1950	1500	12				
3RK30A-C	3RK30GN-C	30	50	220	0.40	2700	2450	1200	3.5	500	3GN-K	3GN10X	
			60	220	0.35	2150	1950	1500	3				
感应马达 Induction Motor	3IK10A-A	3IK10GN-A	10	50	110	0.30	700	812	1200	4	250	3GN-K	3GN10X
				60	110	0.27	550	650	1500	3			
	3IK10A-C	3IK10GN-C	10	50	220	0.15	700	812	1200	1	500	3GN-K	3GN10X
				60	220	0.135	550	650	1500	0.8			
	3IK15A-A	3IK15GN-A	10	50	110	0.38	1200	1200	1200	5	250	3GN-K	3GN10X
				60	110	0.35	9350	9350	1500	4			
	3IK15A-C	3IK15GN-C	10	50	220	0.19	1200	1200	1200	1.2	500	3GN-K	3GN10X
				60	220	0.17	9350	9350	1500	1			
	3IK20A-A	3IK20GN-A	25	50	110	0.65	2200	2350	1200	8	250	3GN-K	3GN10X
				60	110	0.60	1500	1625	1500	7			
	3IK20A-C	3IK20GN-C	25	50	220	0.32	2200	2350	1200	2	500	3GN-K	3GN10X
				60	220	0.30	1500	1625	1500	1.8			

外型尺寸 External dimension



型号 Type	减速比 Reduction Ratio	L1(mm)	L2(mm)	L3(mm)
3IK(RK)10A(GN)	1:3~1:20	73	32	105
3IK(RK)15/20A(GN)		80	32	112
3IK(RK)25/30A(GN)		92	32	124
3IK(RK)10A(GN)	1:25~1:180	73	42	115
3IK(RK)15/20A(GN)		80	42	122
3IK(RK)25/30A(GN)		92	42	134



扭矩表 Gear Head-Torque Table(Kg-cm)

(kg·cm × 9.8 ÷ 100) = N·m (牛顿·米)

同步转速: r/min	500	300	200	150	120	100	75	60	50	30	20	15	10	7.5	6	5	3
减速比 50Hz	3	5	7.5	10	12.5	15	20	25	30	50	75	100	150	200	250	300	500
Gear redction ratio 60Hz	3.6	6	9	15	18	30	36	60	90	120	180	300	360	600	600	600	600
允许负载 Permissible load	10W kg-cm	1.7	2.7	4.2	5.5	6.8	8.3	11	13.5	16	26	40	50	50	50	50	50
	15W kg-cm	2.4	4.0	6.0	8	10	12	16	19	23	39	50	50	50	50	50	50
	20W kg-cm	3.2	5.3	8	10.5	13.3	16	21.3	25.3	30.5	50	50	50	50	50	50	50
	25W kg-cm	4	6.7	10	13.3	16	20	26.7	32	39	50	50	50	50	50	50	50
30W kg-cm	4.8	8	12	16	20	24	32	38	46	50	50	50	50	50	50	50	50

表列数字是根据马达同步运转的转速，在额定负载情况下实际输出转速为同步运转转速的80%~90%。浅灰色表示输出轴运转方向与马达转向相同，白色栏表示输出方向与马达轴转向相反。

Note: Speed figures are based on synchronous speed, The actual output speed, under rated torque conditions, is about 10~20% less than synchronous speed, a grey background indicates output shaft of geared motor rotates in the same direction as output shaft of motor. A white background indicates rotation in the opposite direction.