

# YN 系列产品

YN Series Motor  
YN70



## 电机参数 MOTOR DATA

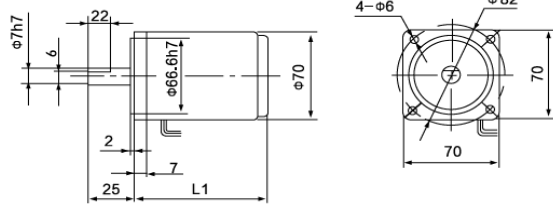
名称 Name	极数 No. of p	型号 Type	功率 Power W	电压 Voltage V	频率 Frequency Hz	电流 Current A	启动转矩 Starting torque mN·m	额定转矩 Rated torque mN·m	额定转速 Rated speed r/min	电容 Capacitor μF/V AC
可逆 电机 Reversible Motor	4	YN(Y)70-10	10	220	50	0.16	64.7	76	1250	1/450
		YN(Y)70-10	10	110	50	0.35	64.7	76	1250	4/250
		YN(Y)70-15	15	220	50	0.20	115	115	1250	1.5/450
		YN(Y)70-15	15	110	50	0.40	115	115	1250	6/250
感应 电机 Induction Motor	4	YN(Y)70-20	20	220	50	0.25	170	160	1200	1.8/450
		YN(Y)70-20	20	110	50	0.50	170	160	1200	7/250
		YN(Y)70-25	25	220	50	0.36	170	200	1200	1.8/450
		YN(Y)70-25	25	110	50	0.60	170	200	1200	7/250
		YN(Y)70-30	30	220	50	0.35	300	220	1300	3.5/450
YN(Y)70-30	30	110	50	0.70	300	220	1300	14/250		

## 扭矩表 TORQUE SHEET

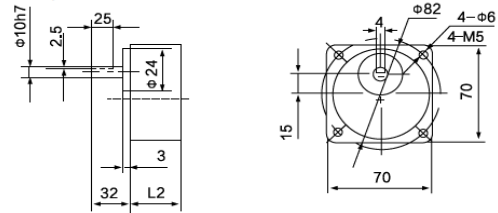
同步转速: r/min			500	400	300	250	200	150	120	100	80	75	60	50	40	35	30	25	20	16	15	12	10	8
减速比 Gear ratio			3	3.6	5	6	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
允许负载 Permissible load	10W	N·m	0.18	0.22	0.29	0.34	0.42	0.56	0.70	0.84	1.0	1.11	1.33	1.6	1.92	2.10	2.40	2.80	3.0	3.0	3.0	3.0	3.0	3.0
	15W	N·m	0.28	0.35	0.47	0.56	0.7	0.93	1.10	1.40	1.75	1.86	2.10	2.50	3.0	3.40	3.80	4.40	4.90	4.90	4.90	4.90	4.90	4.90
	20W	N·m	0.36	0.44	0.57	0.69	0.84	1.12	1.40	1.75	2.0	2.33	2.67	3.19	3.84	4.20	4.41	4.90	4.90	4.90	4.90	4.90	4.90	4.90
	25W	N·m	0.45	0.55	0.73	0.86	1.05	1.40	1.75	2.11	2.5	2.67	3.33	3.99	4.80	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90
30W	N·m	0.54	0.66	0.87	1.03	1.26	1.68	2.10	2.53	3.0	3.20	4.0	4.79	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	

## 外形图 DIMENSION

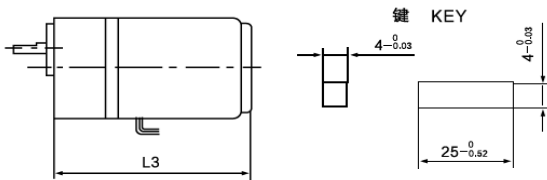
电机: MOTOR



齿轮减速器: GEAR HEAD



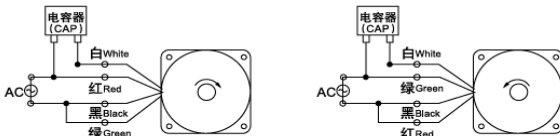
齿轮减速电机: GEAR MOTOR



型号 Type	减速比 Gear ratio	L1 mm	L2 mm	L3 mm
YN(Y)70-10	1:3~1:20	72	32	104
YN(Y)70-15		80		112
YN(Y)70-20		80		112
YN(Y)70-25		93		125
YN(Y)70-30		93		125
YN(Y)70-10	1:25~1:180	72	42	114
YN(Y)70-15		80		122
YN(Y)70-20		80		122
YN(Y)70-25		93		135
YN(Y)70-30		93		135

## 接线图 WIRING DIAGRAM

YY 型感应电动机: INDUCTION MOTOR



YN 型可逆电动机: REVERSIBLE MOTOR

