

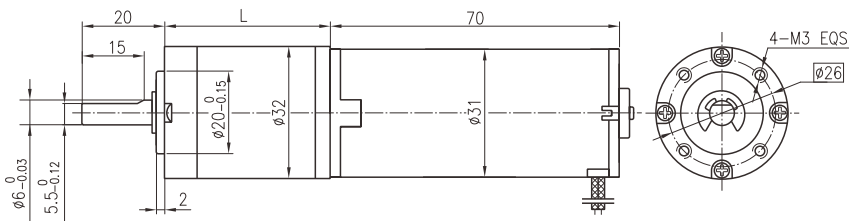
永磁直行星齿轮电机 (内齿圈材质: 金属)
PM DC Planetary Gear Motor (Ring Gear Material: Metal)

32JXE30K/31ZY70

Φ32行星减速器, 允许转矩范围: 0.3N.m~3.0N.m
32mm OD Planetary Gearbox,
Permissible Load Range: 0.3N.m~3.0N.m

常规产品出轴直径Φ6, 也可以配置直径Φ8的出轴。 Standard output shaft OD 6mm, OD 8mm optional.

外形和安装尺寸 Dimensions



电动机主要技术参数 Motor Technical Data

电机型号 Type	额定电压 Rated voltage VDC	空载转速 No-load speed r/min	空载电流 No-load current mA	额定转速 Rated speed r/min	额定转矩 Rated torque mN.m	输出功率 Output power W	额定电流 Rated current mA	堵转力矩 Stall torque mN.m	堵转电流 Stall current A
31ZY70-1230	12	3000	260	2100	33	7.2	1200	85	3.0
31ZY70-2430	24	3000	100	2100	26	5.6	620	86	1.3
31ZY70-2440	24	4000	150	2800	31	9.1	1000	105	3.0

齿轮减速电机主要技术参数 Gear Motor Technical Data

配置31ZY70-1230直流电机 (31ZY70-1230 DC Motor)

减 速 比	Reduction ratio	3.7	5.2	14	19	27	51	71	100	139	181	219	254
减速级数	Number of gear trains	1	1	2	2	2	3	3	3	3	4	4	4
减速器长度(L)	Length(L) mm	25.7	25.7	32.8	32.8	32.8	39.7	39.7	39.7	39.7	46.6	46.6	46.6
空载转速	No-load speed r/min	809	579	214	158	111	59	42	30	22	17	14	12
额定转速	Rated speed r/min	566	405	150	111	78	41	30	21	15	12	10	8.3
额定转矩	Rated torque N.m	0.11	0.15	0.37	0.51	0.72	1.2	1.7	2.4	3.0	3.0	3.0	3.0
最大瞬间允许负载	N.m Max. permissible load in a short time	1.0	1.0	3.5	3.5	3.5	7.5	7.5	7.5	7.5	9.0	9.0	9.0

配置31ZY70-2430直流电机 (31ZY70-2430 DC Motor)

减 速 比	Reduction ratio	3.7	5.2	14	19	27	51	71	100	139	181	219	254
减速级数	Number of gear trains	1	1	2	2	2	3	3	3	3	4	4	4
减速器长度(L)	Length(L) mm	25.7	25.7	32.8	32.8	32.8	39.7	39.7	39.7	39.7	46.6	46.6	46.6
空载转速	No-load speed r/min	809	579	214	158	111	59	42	30	22	17	14	12
额定转速	Rated speed r/min	566	405	150	111	78	41	30	21	15	12	10	8.3
额定转矩	Rated torque N.m	0.087	0.12	0.29	0.40	0.57	0.97	1.4	1.9	2.6	3.0	3.0	3.0
最大瞬间允许负载	N.m Max. permissible load in a short time	1.0	1.0	3.5	3.5	3.5	7.5	7.5	7.5	7.5	9.0	9.0	9.0

配置31ZY70-2440直流电机 (31ZY70-2440 DC Motor)

减 速 比	Reduction ratio		3.7	5.2	14	19	27	51	71	100	139	181	219	254
减速级数	Number of gear trains		1	1	2	2	2	3	3	3	3	4	4	4
减速器长度(L)	Length(L)	mm	25.7	25.7	32.8	32.8	32.8	39.7	39.7	39.7	39.7	46.6	46.6	46.6
空载转速	No-load speed	r/min	1078	772	286	211	148	78	56	40	35	22	18	16
额定转速	Rated speed	r/min	755	541	200	147	104	55	39	28	24	15	13	11
额定转矩	Rated torque	N.m	0.10	0.15	0.35	0.48	0.68	1.2	1.6	2.3	2.6	3.0	3.0	3.0
最大瞬间允许负载		N.m	1.0	1.0	3.5	3.5	3.5	7.5	7.5	7.5	7.5	9.0	9.0	9.0
Max. permissible load in a short time														