

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

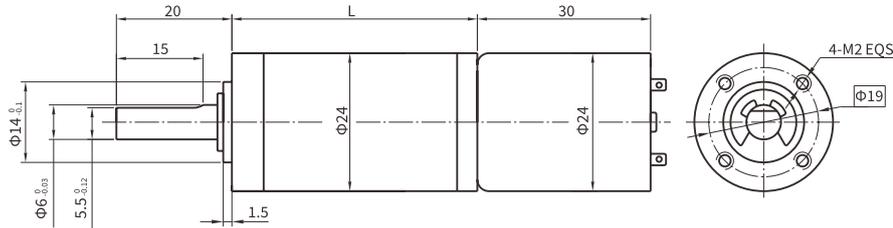
24JN10K/24ZY30A

Φ24行星减速器, 允许转矩范围: 0.1N.m~1.0N.m
24mm OD Planetary Gearbox,
Permissible Load Range: 0.1N.m~1.0N.m

减速器出轴直径及轴伸可定制 The output shaft diameter and the shaft extension of the gearbox can be customized.

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
24ZY30-1230	12	3000	40	2400	2	0.5	90	10	0.3
24ZY30-1245	12	4500	60	3600	2.5	0.9	170	12.5	0.5
24ZY30-1260	12	6000	70	4800	3	1.5	240	15	1.0

齿轮减速电机主要技术参数

Gear Motor Technical Data

配置24ZY30-1230直流电机(24ZY30-1230 DC Motor)

减速比 Reduction ratio	14	19	27	51	71	100	139	189	264	369	516	720	981	1370
减速级数 Number of gear trains	2	2	2	3	3	3	3	4	4	4	4	4	5	5
减速器长度(L) Length mm	31.6	31.6	31.6	38.0	38.0	38.0	38.0	44.4	44.4	44.4	44.4	44.4	50.8	50.8
空载速度 No-load speed r/min	214	158	111	59	42	30	22	16	11	8.1	5.8	4.2	3.1	2.2
额定转速 Rated speed r/min	171	126	89	47	34	24	17	13	9.1	6.5	4.7	3.3	2.4	1.8
额定转矩 Rated torque N.m	0.023	0.031	0.044	0.074	0.10	0.15	0.20	0.25	0.34	0.48	0.67	0.94	1.0	1.0
最大瞬间允许负载 Max. permissible load in a short time N.m	1.2	1.2	1.2	2.5	2.5	2.5	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0

配置24ZY30-1245直流电机(24ZY30-1245 DC Motor)

减速比 Reduction ratio	3.7	5.2	14	19	27	51	71	100	139	189	264	369	516	720
减速级数 Number of gear trains	1	1	2	2	2	3	3	3	3	4	4	4	4	4
减速器长度(L) Length mm	25.0	25.0	31.6	31.6	31.6	38.0	38.0	38.0	38.0	44.4	44.4	44.4	44.4	44.4
空载速度 No-load speed r/min	1213	869	321	237	167	88	63	45	32	24	17	12	8.7	6.3
额定转速 Rated speed r/min	970	695	257	189	133	71	51	36	26	19	14	9.8	7.0	5.0
额定转矩 Rated torque N.m	0.008	0.012	0.028	0.038	0.055	0.093	0.13	0.18	0.25	0.31	0.43	0.60	0.84	1.0
最大瞬间允许负载 Max. permissible load in a short time N.m	0.3	0.3	1.2	1.2	1.2	2.5	2.5	2.5	2.5	3.0	3.0	3.0	3.0	3.0

配置24ZY30-1260直流电机(24ZY30-1260 DC Motor)

减速比 Reduction ratio	3.7	5.2	14	19	27	51	71	100	139	189	264	369	516	720
减速级数 Number of gear trains	1	1	2	2	2	3	3	3	3	4	4	4	4	4
减速器长度(L) Length mm	25.0	25.0	31.6	31.6	31.6	38.0	38.0	38.0	38.0	44.4	44.4	44.4	44.4	44.4
空载速度 No-load speed r/min	1617	1158	429	316	222	118	85	60	43	32	23	16	12	8.3
额定转速 Rated speed r/min	1294	927	343	253	178	94	68	48	35	25	18	13	9.3	6.7
额定转矩 Rated torque N.m	0.010	0.014	0.034	0.046	0.066	0.11	0.16	0.22	0.30	0.37	0.51	0.72	1.0	1.0
最大瞬间允许负载 Max. permissible load in a short time N.m	0.3	0.3	1.2	1.2	1.2	2.5	2.5	2.5	2.5	3.0	3.0	3.0	3.0	3.0