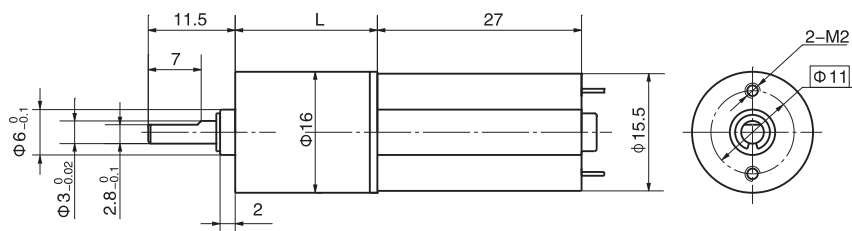


# 永磁直流行星齿轮电机 PM DC Planetary Gear Motor

## 16JX3K/16ZY27

Φ16标准型减速器, 允许转矩范围: 0.03N.m~0.3N.m  
 16mm OD Standard Gearbox,  
 Permissible Load Range: 0.03N.m~0.3N.m

### ● 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
16ZY27-0237	2	3700	38	3000	0.29	0.092	110	1.68	0.45
16ZY27-0881	8	8100	23	6610	0.63	0.44	100	3.43	0.45
16ZY27-07104	7	10400	45	8500	0.69	0.61	170	4.52	0.80

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

配置16ZY27-0237直流电机 (16ZY27-0237 DC Motor)

减速比 Reduction ratio	4	4.75	16	19	22	64	76	90	107	256	304	361	428	509
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(L) mm	11.4	11.4	14.1	14.1	14.1	18.8	18.8	18.8	18.8	22.5	22.5	22.5	22.5	22.5
空载转速 No-load speed r/min	925	779	231	195	168	58	49	41	35	14	12	10	8.6	7.3
额定转速 Rated speed r/min	750	632	188	158	136	47	39	33	28	12	9.9	8.3	7.0	5.9
额定转矩 Rated torque mN.m	1.0	1.2	3.8	4.5	5.2	14	16	19	23	48	57	68	81	96
最大瞬间允许负载 Max. permissible load in a short time mN.m	90	90	450	450	450	750	750	750	750	900	900	900	900	900

配置16ZY27-0881直流电机 (16ZY27-0881 DC Motor)

减速比 Reduction ratio	4	4.75	16	19	22	64	76	90	107	256	304	361	428	509
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(L) mm	11.4	11.4	14.1	14.1	14.1	18.8	18.8	18.8	18.8	22.5	22.5	22.5	22.5	22.5
空载转速 No-load speed r/min	2025	1705	506	426	368	127	107	90	76	32	27	22	19	16
额定转速 Rated speed r/min	1653	1392	413	348	300	103	87	73	62	26	22	18	15	13
额定转矩 Rated torque mN.m	2.3	2.7	8.2	9.7	11	29	35	41	49	105	124	148	175	208
最大瞬间允许负载 Max. permissible load in a short time mN.m	90	90	450	450	450	750	750	750	750	900	900	900	900	900

配置16ZY27-07104直流电机 (16ZY27-07104 DC Motor)

减速比 Reduction ratio	4	4.75	16	19	22	64	76	90	107	256	304	361	428	509
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(L) mm	11.4	11.4	14.1	14.1	14.1	18.8	18.8	18.8	18.8	22.5	22.5	22.5	22.5	22.5
空载转速 No-load speed r/min	2600	2189	650	547	473	163	137	116	97	41	34	29	24	20
额定转速 Rated speed r/min	2125	1789	531	447	386	133	112	94	79	33	28	24	20	17
额定转矩 Rated torque mN.m	2.5	2.9	8.9	11	12	32	38	45	54	115	136	162	192	228
最大瞬间允许负载 Max. permissible load in a short time mN.m	90	90	450	450	450	750	750	750	750	900	900	900	900	900