

## 永磁直行星齿轮电机 (内齿圈材质: 金属和粉末金属)

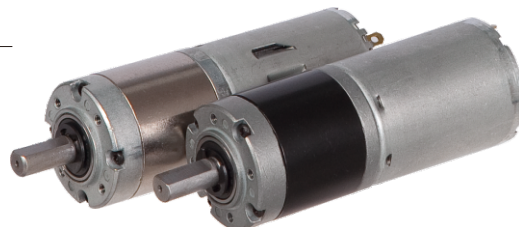
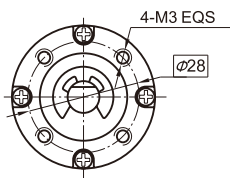
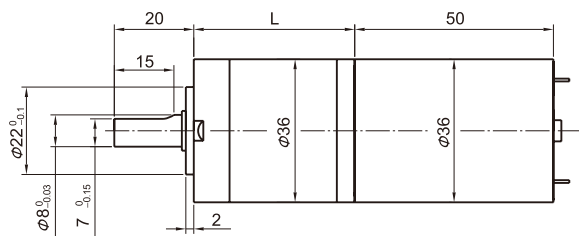
PM DC Planetary Gear Motor (Ring Gear Material: Metal and Powder Metal)

# 36JXE30K/36ZY50

Φ36 行星减速器, 允许转矩范围: 0.3N.m~3.0N.m  
36mm OD Planetary Gearbox,  
Permissible Load Range: 0.3N.m~3.0N.m

可在两种材料的内齿圈中进行选择: 粉末金属 (型号36JXF30K), 金属 (型号36JXE30K)  
Ring gear can be selected within the two materials: Powder metal (Type:36JXF30K), Metal (Type:36JXE30K)

## 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 A	堵转力矩 Stall torque mN.m	堵转电流 Stall current A
36ZY50-2436	24	3600	100	3000	11	3.4	0.40	58	1.7
36ZY50-2442	24	4200	120	3450	12	4.2	0.43	56	1.6

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

配置36ZY50-2436直流电机 (36ZY50-2436 DC Motor)

减 速 比	Reduction ratio	3.7	5.2	14	19	27	51	71	100	139	189	264	369	516
减速级数	Number of gear trains	1	1	2	2	2	3	3	3	3	4	4	4	4
减速器长度(L)	Length(L)	mm	26.5	26.5	33.6	33.6	33.6	40.5	40.5	40.5	40.5	47.4	47.4	47.4
空载转速	No-load speed	r/min	970	695	257	189	133	71	51	36	26	19	14	9.8
额定转速	Rated speed	r/min	809	579	214	158	111	59	42	30	22	16	11	8.1
额定转矩	Rated torque	N.m	0.037	0.051	0.12	0.17	0.24	0.41	0.57	0.80	1.1	1.4	1.9	2.6
最大瞬间允许负载	Max. permissible load in a short time	N.m	1.0	1.0	3.5	3.5	3.5	7.5	7.5	7.5	7.5	9	9	9

配置36ZY50-2442直流电机 (36ZY50-2442 DC Motor)

减 速 比	Reduction ratio	3.7	5.2	14	19	27	51	71	100	139	189	264	369	516
减速级数	Number of gear trains	1	1	2	2	2	3	3	3	3	4	4	4	4
减速器长度(L)	Length(L)	mm	26.5	26.5	33.6	33.6	33.6	40.5	40.5	40.5	40.5	47.4	47.4	47.4
空载转速	No-load speed	r/min	1132	811	300	221	156	82	59	42	30	22	16	11
额定转速	Rated speed	r/min	930	666	246	182	128	68	49	35	25	18	13	9.3
额定转矩	Rated torque	N.m	0.040	0.056	0.14	0.18	0.26	0.45	0.62	0.88	1.2	1.5	2.1	2.9
最大瞬间允许负载	Max. permissible load in a short time	N.m	1.0	1.0	3.5	3.5	3.5	7.5	7.5	7.5	7.5	9	9	9

## 电动机特性图 Motor Characteristic Figure

