

## 永磁直流行星齿轮电机 (内齿圈材质: 金属和粉末金属)

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

# 42JXE100K/42ZY68P(2)

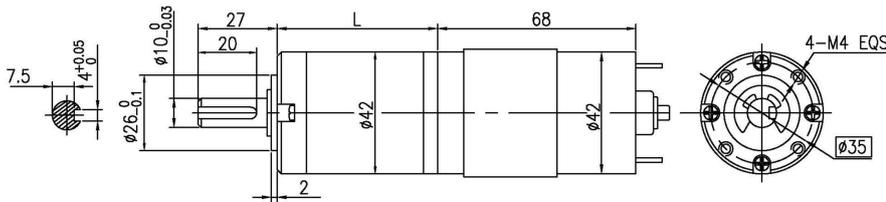
Φ42 行星减速器, 允许转矩范围: 1N.m~10N.m

42mm Planetary Gearbox

Permissible Load Range: 1N.m~10N.m

Ring gear material can be optional: Powder metal (Type:42JXF100K), Metal (Type:42JXE100K)

### 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 A	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
42ZY68P-1270	12	7000	1.20	5200	88	47.9	6.7	310	20.5
42ZY68P-2470	24	7000	0.60	5200	120	65.3	4.2	320	10.8

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

#### 配置 42ZY68P-1270 直流电机 (42ZY68P-1270 DC Motor)

减速比 Reduction ratio	3.71	5.18	14	19	27	51	71	100	115	139	181	218	253	305
减速级数 Number of gear trains	1	1	2	2	2	3	3	3	3	3	4	4	4	4
减速器长度(L) Length(L) mm	31.5	31.5	42.1	42.1	42.1	52.5	52.5	52.5	52.5	52.5	62.9	62.9	62.9	62.9
空载转速 No-load speed r/min	1887	1351	500	368	259	137	99	70	61	50	39	32	28	23
额定转速 Rated speed r/min	1402	1004	371	274	193	102	73	52	45	37	29	24	21	17
额定转矩 Rated torque N.m	0.29	0.41	1.0	1.6	1.9	3.3	4.6	6.4	7.4	8.9	10	10	10	10
最大瞬间允许负载 Max. permissible load in a short time N.m	3	3	12	12	12	25	25	25	25	30	30	30	30	30

#### 配置 42ZY68P-2470 直流电机 (42ZY68P-2470 DC Motor)

减速比 Reduction ratio	3.7	5.2	14	19	27	51	71	100	115	139	181	218	253	305
减速级数 Number of gear trains	1	1	2	2	2	3	3	3	3	3	4	4	4	4
减速器长度(L) Length(L) mm	31.5	31.5	42.1	42.1	42.1	52.5	52.5	52.5	52.5	52.5	62.9	62.9	62.9	62.9
空载转速 No-load speed r/min	1887	1351	500	368	259	137	99	70	61	50	39	32	28	23
额定转速 Rated speed r/min	1402	1004	371	274	193	102	73	52	45	37	29	24	21	17
额定转矩 Rated torque N.m	0.40	0.56	1.4	1.9	2.6	4.5	6.2	8.8	10	10	10	10	10	10
最大瞬间允许负载 Max. permissible load in a short time N.m	3	3	12	12	12	25	25	25	25	30	30	30	30	30