

# 22JX5K/22ZY38 永磁直流行星齿轮电机

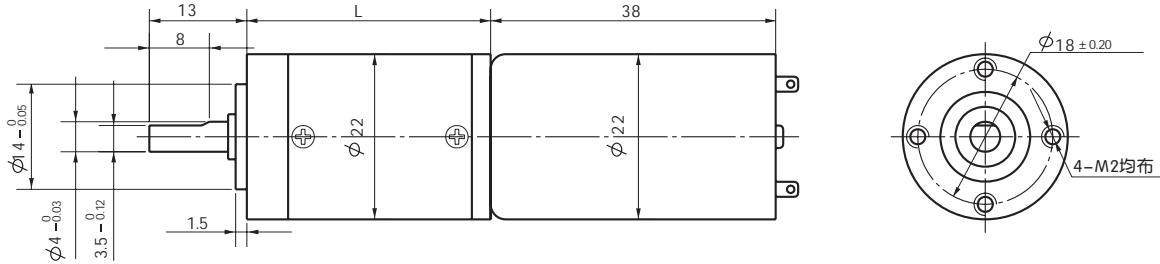
PM DC PLANETARY GEAR MOTOR



## 产品特点 and 用途 Description of the product

- 直径22mm的行星齿轮减速器，允许负载0.5N.m。  
22mm OD planetary gearbox with rated torque up to 0.5N.m.
- 22ZY38直流电机是为配置行星齿轮专门开发的，力矩大，使用效果更好。  
22ZY38 series dc motor specifically developed for fitting to 22JX5K series planetary gearbox to deliver high torque and good performance.

## 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)
22ZY38-1230	12	3000	30	2350	3	0.7	110	11	0.35
22ZY38-1245	12	4500	35	3570	3	1.1	145	15.5	0.65
22ZY38-1260	12	6000	50	5150	3	1.6	195	19.5	1.1

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

电机型号(Type): 22JX5K□G4B13/22ZY38-1230

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(L) mm	26	26	28	28	28	32.5	32.5	32.5	32.5	37.5	37.5	37.5	37.5	37.5
空载转速 No-load speed r/min	810	570	210	150	110	55	40	30	20	15	11	8	5	4
额定转速 Rated speed r/min	630	440	160	120	85	45	30	23	16	12	8.5	6	4.5	3
额定转矩 Rated torque N.m	0.010	0.014	0.037	0.051	0.072	0.13	0.18	0.25	0.35	0.45	0.5	0.5	0.5	0.5
最大瞬间允许负载 Max. permissible load in a short time N.m	0.3	0.3	0.6	0.6	0.6	0.9	0.9	0.9	0.9	1.2	1.2	1.2	1.5	1.5

电机型号(Type): 22JX5K□G4B13/22ZY38-1245

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(L) mm	26	26	28	28	28	32.5	32.5	32.5	32.5	37.5	37.5	37.5	37.5	37.5
空载转速 No-load speed r/min	1215	890	321	236	166	88	63	45	32	23	17	12	8.7	6.2
额定转速 Rated speed r/min	960	680	255	185	130	70	50	35	25	18	13	10	7	5
额定转矩 Rated torque N.m	0.010	0.014	0.037	0.051	0.072	0.13	0.18	0.25	0.35	0.45	0.5	0.5	0.5	0.5
最大瞬间允许负载 Max. permissible load in a short time N.m	0.3	0.3	0.6	0.6	0.6	0.9	0.9	0.9	0.9	1.2	1.2	1.2	1.2	1.2

电机型号(Type): 22JX5K□G4B13/22ZY38-1260

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(L) mm	26	26	28	28	28	32.5	32.5	32.5	32.5	37.5	37.5	37.5	37.5	37.5
空载转速 No-load speed r/min	1500	1200	428	315	222	117	84	60	43	31	23	16	11	8.3
额定转速 Rated speed r/min	1390	990	360	270	190	100	72	51	37	27	19	14	10	7.5
额定转矩 Rated torque N.m	0.010	0.014	0.037	0.051	0.072	0.13	0.18	0.25	0.35	0.45	0.5	0.5	0.5	0.5
最大瞬间允许负载 Max. permissible load in a short time N.m	0.3	0.3	0.6	0.6	0.6	0.9	0.9	0.9	0.9	1.2	1.2	1.2	1.2	1.2

# 22JX10K/22ZY38 永磁直流行星齿轮电机

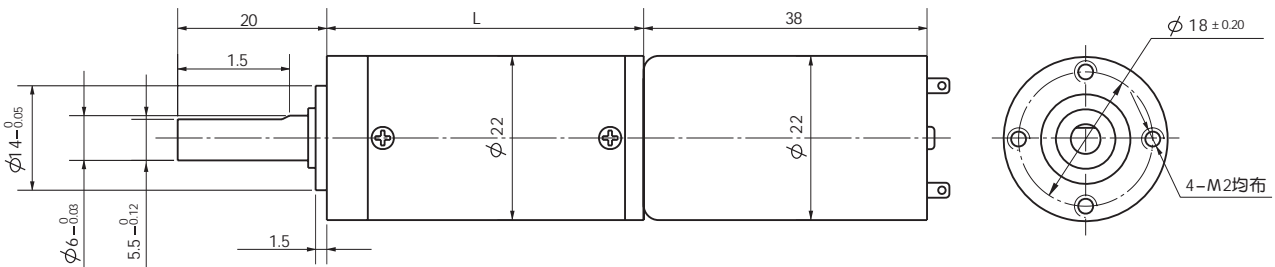
PM DC PLANETARY  
GEAR MOTOR

## 产品特点 and 用途 Description of the product

- 专门制造的小直径、低转速、大力矩的22ZY38直流电机，直径22mm的加强型减速器，允许负载1N.m，体积小，可靠性好。  
The compact and reliable reinforced planetary gearbox has an OD of 22mm with rated torque up to 1.0N.m
- 特别适合于要求直径小、噪音低的电动窗帘，以及出力大的仪器以及设备。  
Especially for electric curtain, instruments and equipments which require motors with small OD, low noise and high torque.



## 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)
22ZY38-1260	12	6000	50	5150	3	1.6	195	19.5	1.1
22ZY38-12100	12	10000	50	9200	3	2.8	180	32	1.4

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

电机型号(Type): 22JX10K□G6B20/22ZY38-1260

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(L) mm	26	26	34.5	34.5	34.5	42.5	42.5	42.5	42.5	51	51	51	51	51
空载转速	No-load speed r/min	1500	1200	428	315	222	117	84	60	43	31	23	16	11	8.3
额定转速	Rated speed r/min	1390	990	360	270	190	100	72	51	37	27	19	14	10	7.5
额定转矩	Rated torque N.m	0.010	0.014	0.037	0.051	0.072	0.13	0.18	0.25	0.35	0.45	0.64	0.9	1	1
最大瞬间允许负载 Max. permissible load in a short time	N.m	0.3	0.3	0.6	0.6	0.6	1.5	1.5	1.5	1.5	3	3	3	3	3

电机型号(Type): 22JX10K□G6B20/22ZY38-12100

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(L) mm	26	26	34.5	34.5	34.5	42.5	42.5	42.5	42.5	51	51	51	51	51
空载转速	No-load speed r/min	2695	1931	714	526	370	196	141	100	72	53	38	27	19	14
额定转速	Rated speed r/min	2480	1776	657	484	341	180	130	92	66	49	35	25	18	13
额定转矩	Rated torque N.m	0.010	0.014	0.034	0.046	0.066	0.11	0.16	0.22	0.3	0.37	0.52	0.73	1	1
最大瞬间允许负载 Max. permissible load in a short time	N.m	0.3	0.3	0.6	0.6	0.6	1.5	1.5	1.5	1.5	3	3	3	3	3