

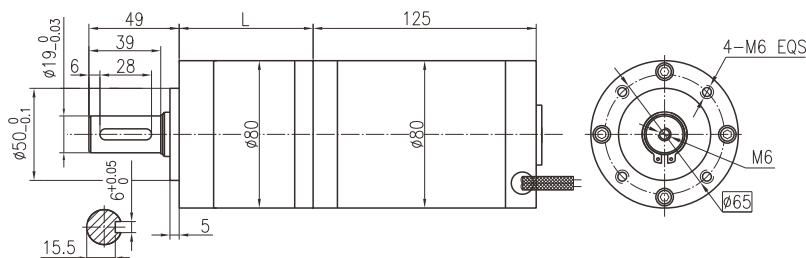
# 永磁直行星齿轮电机 (内齿圈材质: 金属)

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

### 80PMB800K/80ZY125

Φ80行星减速器, 允许转矩范围: 8N.m~80N.m  
80mm OD Planetary Gearbox,  
Permissible Load Range: 8N.m~80N.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 A	额定转速 Rated speed r/min	额定转矩 Rated torque N.m	输出功率 Output power W	额定电流 Rated current A	堵转力矩 Stall torque N.m	堵转电流 Stall current A
80ZY125-2420	24	2000	0.8	1650	0.44	76	5	2.5	22
80ZY125-2435	24	3500	1.7	2750	0.95	274	17	4.4	30

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

配置80ZY125-2420直流电机 (80ZY125-2420 DC Motor)

减速比 Reduction ratio	3.55	5.31	6.6	13	19	23	26	30	37	50	74	92	111	138
减速级数 Number of gear trains	1	1	1	2	2	2	2	2	2	3	3	3	3	3
减速器长度(L) Length(L) mm	44.0	44.0	44.0	59.4	59.4	59.4	59.4	59.4	59.4	74.8	74.8	74.8	74.8	74.8
空载转速 No-load speed r/min	563	377	303	154	105	87	77	67	54	40	27	22	18	14
额定转速 Rated speed r/min	465	311	250	127	87	72	63	55	45	33	22	18	15	12
额定转矩 Rated torque N.m	1.4	2.1	2.6	4.6	6.8	8.2	9.3	11	13	16	24	30	36	44
最大瞬间允许负载 Max. permissible load in a short time N.m	30	30	30	40	55	70	90	90	90	120	120	120	120	120

配置80ZY125-2435直流电机 (80ZY125-2435 DC Motor)

减速比 Reduction ratio	3.55	5.31	6.6	13	19	23	26	30	37	50	74	92	111	138
减速级数 Number of gear trains	1	1	1	2	2	2	2	2	2	3	3	3	3	3
减速器长度(L) Length(L) mm	44.0	44.0	44.0	59.4	59.4	59.4	59.4	59.4	59.4	74.8	74.8	74.8	74.8	74.8
空载转速 No-load speed r/min	986	659	530	269	184	152	135	117	95	70	47	38	32	25
额定转速 Rated speed r/min	775	518	417	212	145	120	106	92	74	55	37	30	25	20
额定转矩 Rated torque N.m	3.0	4.5	5.6	10	15	18	20	23	28	35	51	64	77	80
最大瞬间允许负载 Max. permissible load in a short time N.m	30	30	30	40	55	70	90	90	90	120	120	120	120	120

### ● 电动机特性图 Motor Characteristic Figure

