

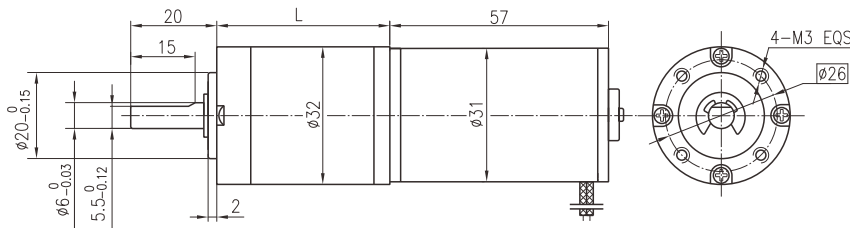
永磁直行星齿轮电机 (内齿圈材质: 金属)
PM DC Planetary Gear Motor (Ring Gear Material: Metal)

32JXE30K/31ZY57

Φ32行星减速器, 允许转矩范围: 0.3N.m~3.0N.m
32mm OD Planetary Gearbox,
Permissible Load Range: 0.3N.m~3.0N.m

常规产品出轴直径Φ6, 也可以配置直径Φ8的出轴。 Standard output shaft OD 6mm, OD 8mm optional.

● 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
31ZY57-2450	24	5000	100	3780	20	7.8	600	82	2.0
31ZY57-2470	24	7000	130	5500	22	12.4	750	103	3.3

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

配置31ZY57-2450直流电机 (31ZY57-2450 DC Motor)

减速比	Reduction ratio	3.7	5.2	14	19	27	51	71	100	139	182	219	254
减速级数	Number of gear trains	1	1	2	2	2	3	3	3	3	4	4	4
减速器长度(L)	Length(L)	mm	25.7	25.7	32.8	32.8	32.8	39.7	39.7	39.7	46.6	46.6	46.6
空载转速	No-load speed	r/min	1351	962	357	263	185	98	70	50	36	27	20
额定转速	Rated speed	r/min	1022	727	270	199	140	74	53	38	27	21	15
额定转矩	Rated torque	N.m	0.07	0.10	0.25	0.34	0.48	0.82	1.1	1.6	2.2	2.6	3.0
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	9.0	9.0	9.0

配置31ZY57-2470直流电机 (31ZY57-2470 DC Motor)

减速比	Reduction ratio	3.7	5.2	14	19	27	51	71	100	139	182	219	254
减速级数	Number of gear trains	1	1	2	2	2	3	3	3	3	4	4	4
减速器长度(L)	Length(L)	mm	25.7	25.7	32.8	32.8	32.8	39.7	39.7	39.7	46.6	46.6	46.6
空载转速	No-load speed	r/min	1892	1346	500	368	259	137	99	70	50	38	28
额定转速	Rated speed	r/min	1486	1058	393	289	204	108	77	55	40	30	22
额定转矩	Rated torque	N.m	0.073	0.10	0.25	0.34	0.48	0.82	1.1	1.6	2.2	2.6	3.0
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	9.0	9.0	9.0

● 电动机特性图 Motor Characteristic Figure

