

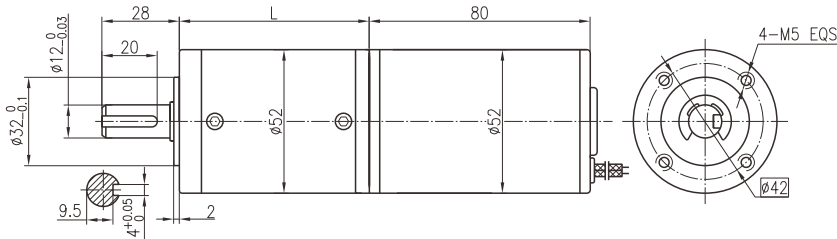
永磁直行星齿轮电机 (内齿圈材质: 金属)

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

52JX300K/52ZY80

Φ52行星减速器, 允许转矩范围: 2N.m~30N.m
52mm OD Planetary Gearbox,
Permissible Load Range: 2N.m~30N.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 mN.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
52ZY80-2430	24	3000	0.35	2300	75	18	1.5	0.320	6.0
52ZY80-2440	24	4000	0.42	3200	80	27	2.0	0.446	7.5

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

配置52ZY80-2430直流电机 (52ZY80-2430 DC Motor)

减速比 Reduction ratio	3.6	4.25	13	15	18	47	55	65	77	168	198	234	276	326
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	45.7	45.7	57.2	57.2	57.2	68.5	68.5	68.5	68.5	79.8	79.8	79.8	79.8	79.8
空载转速 No-load speed r/min	833	706	231	200	167	64	55	46	39	18	15	13	11	9.2
额定转速 Rated speed r/min	639	541	177	153	128	49	42	35	30	14	12	9.8	8.3	7.1
额定转矩 Rated torque N.m	0.24	0.29	0.79	0.91	1.1	2.6	3.0	3.6	4.2	8.2	10	11	13	16
最大瞬间允许负载 Max. permissible load in a short time N.m	6	6	25	25	25	50	50	50	50	60	60	60	60	60

配置52ZY80-2440直流电机 (52ZY80-2440 DC Motor)

减速比 Reduction ratio	3.6	4.25	13	15	18	47	55	65	77	168	198	234	276	326
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	45.7	45.7	57.2	57.2	57.2	68.5	68.5	68.5	68.5	79.8	79.8	79.8	79.8	79.8
空载转速 No-load speed r/min	1111	941	308	267	222	85	73	62	52	24	20	17	15	12
额定转速 Rated speed r/min	889	753	246	213	178	68	58	49	42	19	16	14	12	9.8
额定转矩 Rated torque N.m	0.26	0.31	0.84	1.0	1.2	2.7	3.2	3.8	4.5	8.7	10	12	14	17
最大瞬间允许负载 Max. permissible load in a short time N.m	6	6	25	25	25	50	50	50	50	60	60	60	60	60

● 电动机特性图 Motor Characteristic Figure

