

永磁直流行星齿轮电机 (内齿圈材质: 金属)

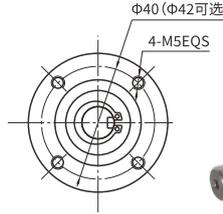
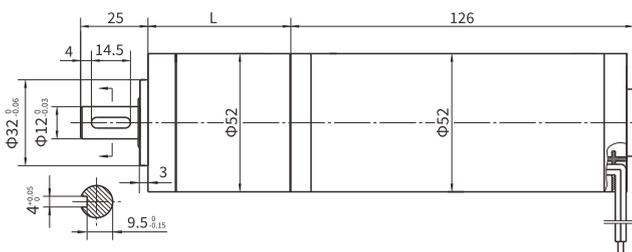
PM DC Planetary Gear Motor (Ring Gear Material: Metal)

52JXM300K/52ZY125

Φ52行星减速器, 允许转矩范围: 3.0N.m~30N.m
52mm OD Planetary Gearbox,
Permissible Load Range: 3.0N.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 mN.m	堵转电流 Stall current A
52ZY125-2420	24	2000	0.4	1600	160	28	2.0	620	6.5
52ZY125-2430	24	3000	0.6	2400	190	50	4.0	700	11.5
52ZY125-2440	24	4000	0.8	3200	220	80	5.0	838	16.4

齿轮减速电机主要技术参数

Gear Motor Technical Data

配置52ZY125-2420直流电机(52ZY125-2420 DC Motor)

减速比 Reduction ratio	4.5	6.25	8	20	28	36	50	64	91	127	162	176	225	288
减速级数 Number of gear trains	1	1	1	2	2	2	2	2	3	3	3	3	3	3
减速器长度(L) Length mm	50	50	50	66	66	66	66	66	82	82	82	82	82	82
空载速度 No-load speed r/min	666	480	375	150	106	83	60	46	33	24	18	17	13	10
额定转速 Rated speed r/min	533	384	300	120	85	66	48	37	25	18	13	13	10	8
额定转矩 Rated torque N.m	0.76	1.0	1.3	3.0	4.3	5.2	7.6	9.8	12.6	17.6	22	24	31	40
最大瞬间允许负载 Max. permissible load in a short time N.m	6	6	6	25	25	25	25	25	50	50	50	50	50	50

配置52ZY125-2430直流电机(52ZY125-2430 DC Motor)

减速比 Reduction ratio	4.5	6.25	8	20	28	36	50	64	91	127	162	176	225
减速级数 Number of gear trains	1	1	1	2	2	2	2	2	3	3	3	3	3
减速器长度(L) Length mm	50	50	50	66	66	66	66	66	82	82	82	82	82
空载速度 No-load speed r/min	888	640	500	200	142	111	80	62	44	31	24	23	18
额定转速 Rated speed r/min	711	512	400	160	114	88	64	50	35	25	20	18	14
额定转矩 Rated torque N.m	0.9	1.2	1.5	3.5	4.9	6.0	8.9	11.4	14.6	20	26	28	36
最大瞬间允许负载 Max. permissible load in a short time N.m	6	6	6	25	25	25	25	25	50	50	50	50	50

电动机特性图

Motor Characteristic Figure

