

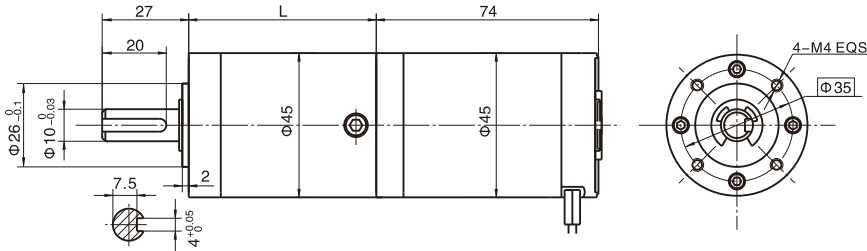
稀土直行星齿轮电机 (内齿圈材质: 金属)

Rare Earth DC Planetary Gear Motor (Ring Gear Material: Metal)

45JX100K/45ZYN68

Φ45 加强型减速器, 允许转矩范围: 1N.m~10N.m
45mm OD Reinforced Gearbox,
Permissible Load Range: 1N.m~10N.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
45ZYN68-2420	24	2000	0.18	1600	42	7	0.5	220	2.0
45ZYN68-2430	24	3000	0.25	2400	65	16	1.2	300	4.4
45ZYN68-2440	24	4000	0.30	3200	90	30	2.0	375	6.8

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

配置45ZYN68-2420稀土直流电机 (45ZYN68-2420 Rare Earth DC Motor)

减速比	Reduction ratio	3.71	5.18	14	19	27	51	71	100	139	189	264	369
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	35.3	35.3	45.6	45.6	58.4	58.4	58.4	58.4	68.7	68.7	68.7
空载转速	No-load speed	r/min	539	386	143	105	74	39	28	20	14	11	7.6
额定转速	Rated speed	r/min	431	309	114	84	59	31	22	16	9.5	8.5	6
额定转矩	Rated torque	N.m	0.14	0.20	0.34	0.65	0.92	1.6	2.2	3.1	4.2	5.2	7.3
最大瞬间允许负载	Max. permissible load in a short time	N.m	3	3	12	12	12	25	25	25	25	30	30

配置45ZYN68-2430稀土直流电机 (45ZYN68-2430 Rare Earth DC Motor)

减速比	Reduction ratio	3.71	5.18	14	19	27	51	71	100	139	189	264
减速级数	Number of gear trains	1	1	2	2	2	3	3	3	3	4	4
减速器长度(L)	Length(L)	mm	35.3	35.3	45.6	45.6	58.4	58.4	58.4	58.4	68.7	68.7
空载转速	No-load speed	r/min	809	579	214	158	111	59	42	30	22	16
额定转速	Rated speed	r/min	647	463	171	126	89	47	34	24	17	13
额定转矩	Rated torque	N.m	0.22	0.30	0.74	1.0	1.4	2.4	3.4	4.7	6.6	8.1
最大瞬间允许负载	Max. permissible load in a short time	N.m	3	3	12	12	12	25	25	25	25	30

● 电动机特性图 Motor Characteristic Figure

