



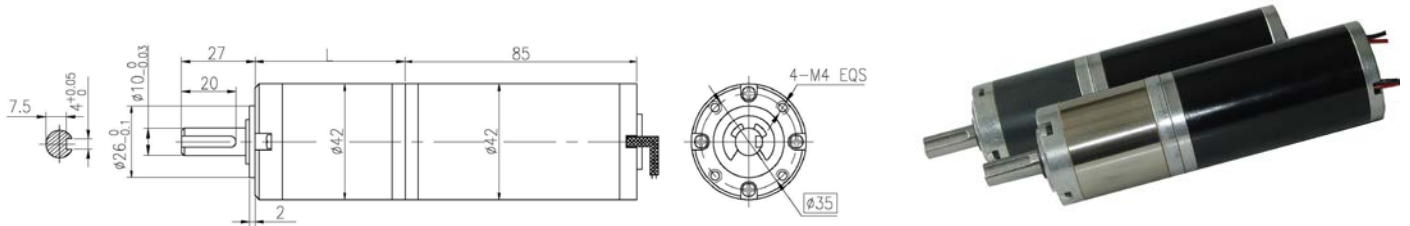
PM DC Planetary Gear Motor (Ring Gear Material: Metal and Powder Metal)

42JXE100K/42ZY85

Φ42 行星减速器, 允许转矩范围: 1N.m~10N.m
42mm Planetary Gearbox
Permissible Load Range: 1N.m~10N.m

Ring gear can be selected within the two materials: Powder metal (Type:42JXF100K), Metal (Type:42JXE100K)

● 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
42ZY85-2440	24	4000	0.45	3000	93	29	2.0	310	6.2

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

配置 42ZY85-2440 直流电机 (42ZY75-2440DC Motor)

减速比 Reduction ratio	3.71	5.18	14	19	27	51	71	100	139	181	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	31.5	31.5	42.1	42.1	42.1	52.5	52.5	52.5	52.5	62.9	62.9	62.9
空载转速 No-load speed r/min	1078	772	286	211	148	78	56	40	29	22	18	16
额定转速 Rated speed r/min	829	579	214	158	111	59	42	30	22	17	14	12
额定转矩 Rated torque N.m	0.31	0.43	1.1	1.4	2.0	3.5	4.8	6.8	9.4	10	10	10
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	30