

永磁直行星齿轮电机 (内齿圈材质: 粉末金属)

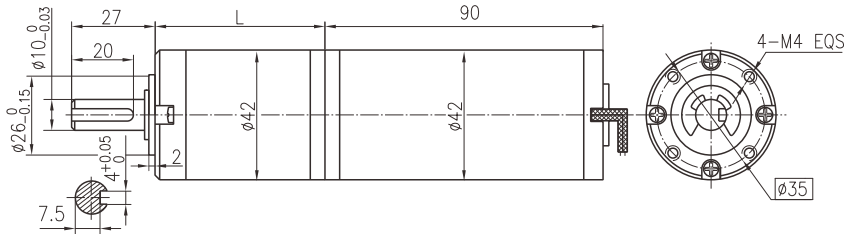
PM DC Planetary Gear Motor (Ring Gear Material: Powder Metal)

42JXL100K/42ZY90

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

低噪音减速器, 第一级斜齿轮设计, 型号中使用代号L
Low noise gearboxes, 1-Stage use helical gears, The code name 'L' is used in the model

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
42ZY90-2434	24	3400	0.45	2450	95	24	1.8	300	5.8

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

配置42ZY90-2434直流电机 (42ZY90-2434 DC Motor)

减速比 Reduction ratio	14	19	22	27	49	59	68	82	95	115	181	219
减速级数 Number of gear trains	2	2	2	2	3	3	3	3	3	3	4	4
减速器长度(L) Length(L) mm	42.1	42.1	42.1	42.1	52.5	52.5	52.5	52.5	52.5	52.5	62.9	62.9
空载转速 No-load speed r/min	243	179	155	126	69	58	50	41	36	30	19	16
额定转速 Rated speed r/min	175	129	111	91	50	42	36	30	26	21	14	11
额定转矩 Rated torque N.m	1.1	1.5	1.7	2.1	3.4	4.1	4.7	5.7	6.6	8.0	10	10
最大瞬间允许负载 Max. permissible load in a short time N.m	12	12	12	12	25	25	25	25	25	25	30	30

电动机特性图 Motor Characteristic Figure

