

经济型无刷行星减速电机 (内齿圈材质:粉末金属)

Economical BLDC Planetary Gear Motor (Ring Gear Material: Powder Metal)

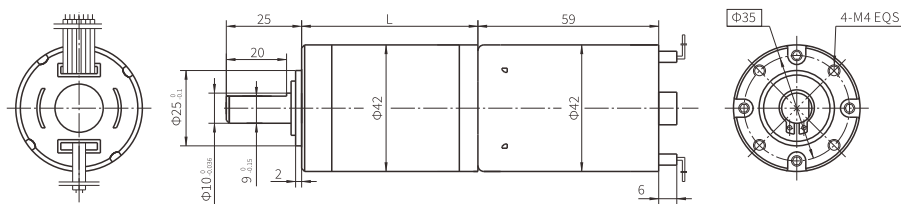
42JXF150K/42ZWNP59

Φ42行星减速器, 允许转矩范围:2N.m~15N.m
42mm OD Planetary Gearbox,
Permissible Load Range: 2N.m~15N.m

无刷直流电动机, 3相8极, 内置驱动器 3 phase 8 poles brushless DC motor, with built-in driver

外形和安装尺寸

Dimensions



无刷电动机主要技术参数

Brushless Motor Technical Data

电机型号 Type	极数 Number of poles	相数 Number of phase	额定电压 Rated Voltage VDC	空载转速 No-load Speed r/min	额定转速 Rated Speed r/min	额定转矩 Rated Torque mN.m	额定功率 Rated Power W	额定电流 Rated Current A
42ZWNP59-2440	8	3	24	4000	3000	68	21	1.2

无刷行星齿轮减速电机主要技术参数

Brushless Gear Motor Technical Data

配置42ZWNP59-2440无刷直流电机(42ZWNP59-2440 BLDC Motor)

减速比 Reduction ratio	3.71	5.18	14	19	27	51	71	100	139	190	265	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 mm	31.5	31.5	41.8	41.8	41.8	52.5	52.5	52.5	52.5	62.9	62.9	62.9
空载速度 No-load speed r/min	1078	772	286	211	148	78	56	40	29	21	15	11
额定转速 Rated speed r/min	809	579	214	158	111	59	42	30	22	16	11	8
额定转矩 Rated torque N.m	0.2	0.3	0.8	1.1	1.5	2.6	3.6	5.1	7.1	8.7	12.2	15
最大瞬间允许负载 Max. permissible load in a short time N.m	3	3	5	5	5	5	10	10	10	15	20	20

接线方式

Wire Diagram

VCC 正极+	GND 负极-	Reversing 转向	Speed Control 调速	Braking 制动	Pulse Output 脉冲输出