

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)

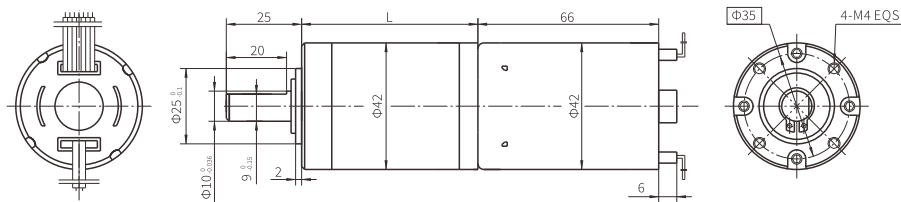
42JXF150K/42ZWNP66

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, 外置驱动器 3 phase 8 poles brushless DC motor, with external 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
42ZWNP66-2430	8	3	24	3000	2550	80	21	1.1

无刷行星齿轮减速电机主要技术参数

Brushless Gear Motor Technical Data

配置42ZWNP66-2430无刷直流电机(42ZWNP66-2430 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	857	214	143	61	36	29	24	19	17	15	14	10
额定转速 Rated speed r/min	728	182	121	52	30	24	20	16	15	13	12	8
额定转矩 Rated torque N.m	0.25	0.9	1.3	2.8	4.9	6.0	7.3	8.2	9.0	10.3	11.2	15
最大瞬间允许负载 Max. permissible load in a short time N.m	3	3	5	5	10	10	15	15	15	20	20	20

接线方式

Wire Diagram

U	V	W	Vcc	Ha	Hb	Hc	GND
电机 Motor			霍尔 Hall				