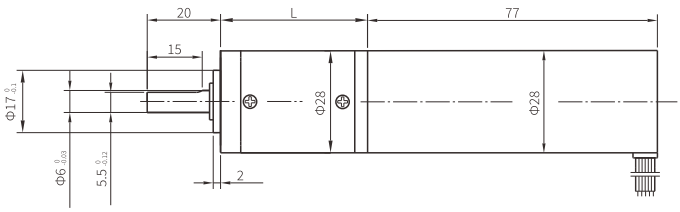
无刷直流行星齿轮减速电机 (内齿圈材质:金属)
BLDC Planetary Gear Motor (Ring Gear Material: Metal)

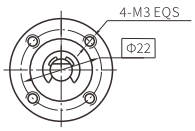
28JXB30K/28ZWN77

Φ28行星减速器，允许转矩范围:0.3N.m~3.0N.m
28mm OD Planetary Gearbox,
Permissible Load Range: 0.3N.m~3.0N.m

A

■ 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	峰值转矩 Peak Torque mN.m	峰值电流 Peak Current A	电阻 Line to line resistance ohms	电感 Line to line inductance mH
28ZWN77-2460	4	3	24	6000	3700	50	16	1	150	3	4.2	2.2

■ 无刷行星齿轮减速电机主要技术参数 Brushless Gear Motor Technical Data

配置28ZWN77-2460无刷直流电机(28ZWN77-2460 BLDC Motor)

减速比 Reduction ratio	3.7	5.2	14	19	27	51	71	100	139
减速级数 Number of gear trains	1	1	2	2	2	3	3	3	3
减速器长度(L) Length mm	31.0	31.0	40.1	40.1	40.1	49.0	49.0	49.0	49.0
空载速度 No-load speed r/min	1617	1158	429	316	222	118	85	60	43
额定转速 Rated speed r/min	997	714	264	195	137	73	52	37	29
额定转矩 Rated torque N.m	0.17	0.23	0.57	0.77	1.1	1.9	2.5	2.5	2.5
最大瞬间允许负载 N.m Max. permissible load in a short time	1.0	1.0	3.5	3.5	3.5	7.5	7.5	7.5	7.5

■ 接线方式 Wire Diagram

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