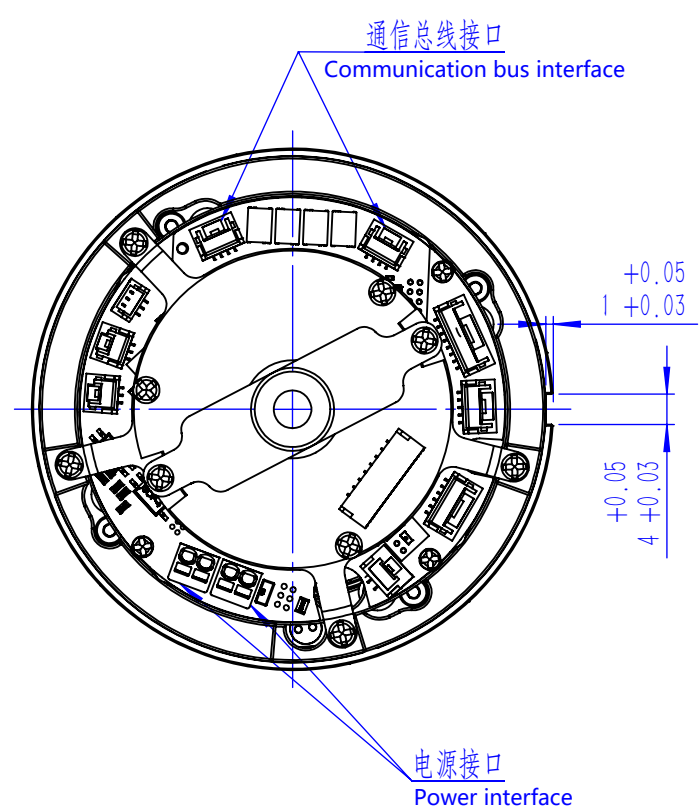
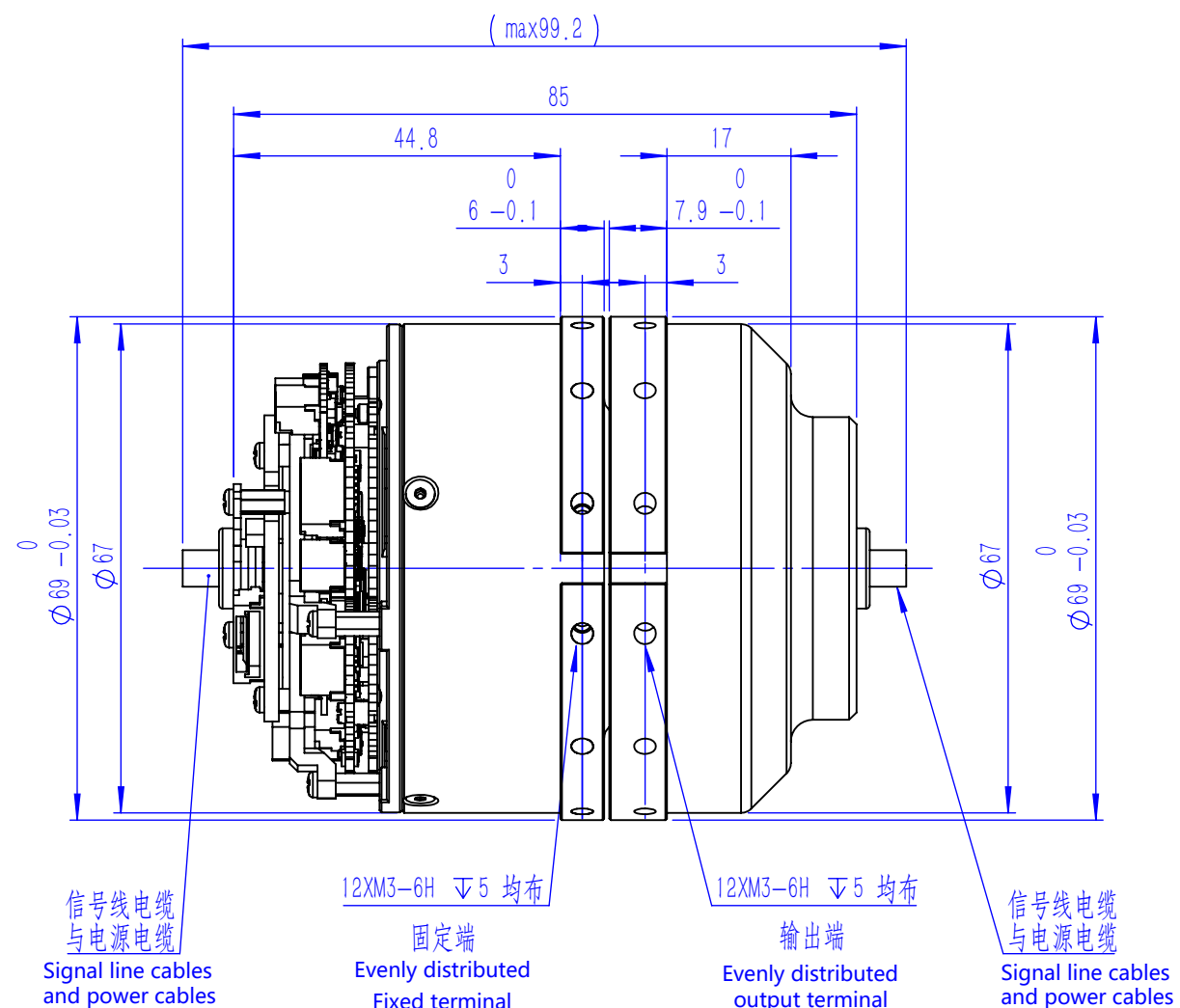
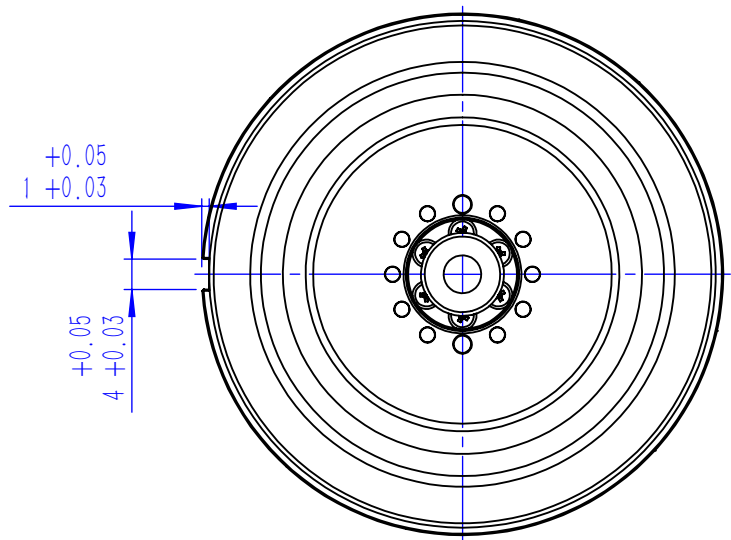
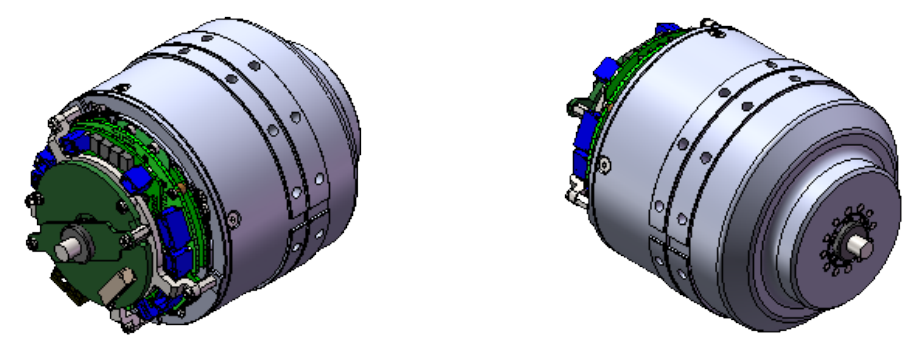
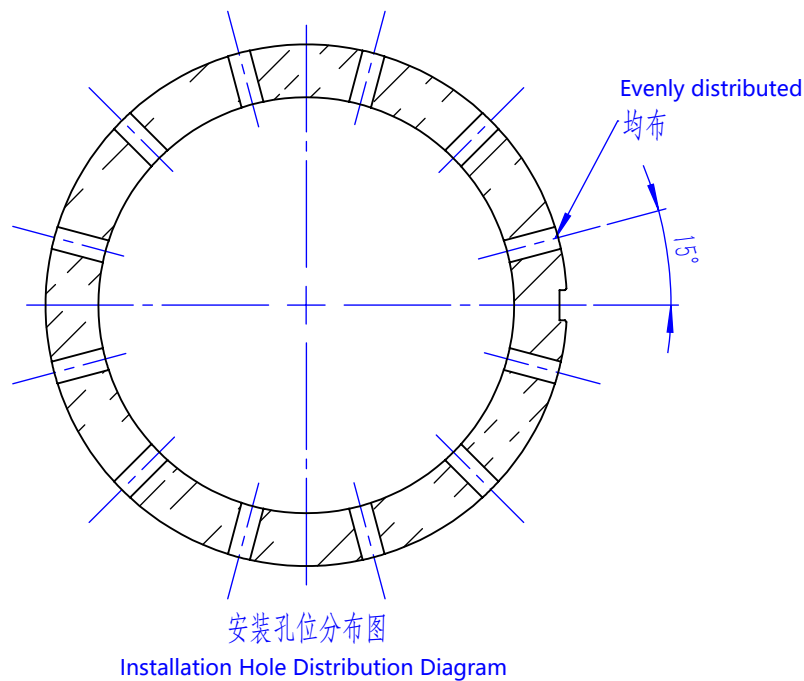




机械参数 Mechanical Parameters		单位 Units	数值 Values
减速器速比 Reducer Ratio		—	100
减速器背隙 Reducer Backlash		arcsec	≤20
平均负载转矩 Average Load Torque		N·m	7
启停容许转矩 Start/Stop Allowable Torque		N·m	18
最大瞬时转矩 Maximum Instantaneous Torque		N·m	25
额定转速 Rated Speed		rpm	32
最大转速 Maximum Speed		rpm	45
关节重量 Joint Weight		kg	<0.63
关节直径 Joint Diameter		mm	69
关节长度 Joint Length		mm	86

电气参数 Motor Parameters	单位 Units	数值 Values
极对数 Number of Poles	—	10
额定功率 Rated Power	W	100
额定电压 Rated Voltage	VDC	48
额定电流 Maximum Power	Arms	3.8
额定转速 Rated Speed	rpm	3500
额定转矩 Rated Torque	N·m	0.3
峰值扭矩 Peak Torque	N·m	0.7
转矩常数 Torque constant	N·m/A	0.088
反电势系数 Back Electromotive Force Coefficient	V/krpm	5.3
抱闸 Brake	—	无 None
输出端反馈 Output feedback	—	17bit单圈绝对值 17-bit single-turn absolute value
电机反馈 Motor feedback	—	增量编码器8000P/R Incremental encoder 8000 P/R
通讯接口 Communication Interface	—	EtherCAT/CANopen

结构组成=谐波减速器+电机（带增量编码器）+输出绝对值编码器+伺服驱动器
Component = harmonic reducer + motor (with incremental encoder) + output absolute encoder + servo drive



技术说明

- 1. 紧固螺钉需采用12.9级或以上螺钉并按标准拧紧；
- 2. 中间过线通孔最大尺寸：5mm；

Technical Description

- 1. Fastening screws should be Grade 12.9 or above and tightened according to standard;
- 2. Maximum size of intermediate through-hole: 5mm;



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