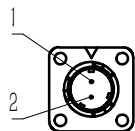
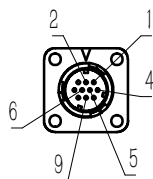
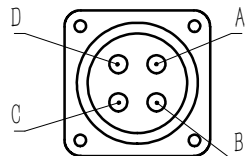


受控

| | |
|--|---------------|
| 电机型号 Motor Model | X2MG290A-B4LA |
| 适配驱动器电压 V (rms) Typical Drive Voltages | 380 |
| 直流母线电压 V (dc) Basic DC Bus Voltage | 540 |
| 额定功率 kW Rated Output Power | 2.9 |
| 额定转速 rpm Rated Speed | 1500 |
| 最高转速 rpm Max. Speed | 3000 |
| 额定转矩 Nm Rated Torque | 18.6 |
| 堵转转矩 Nm Continuous Stall Torque | 18.6 |
| 瞬时峰值扭矩 Nm Peak Torque | 45.1 |
| 额定电流 A (rms) Rated Current | 10 |
| 堵转电流 A (rms) Continuous Stall Current | 10 |
| 瞬时峰值电流 A (rms) Peak Current | 33.5 |
| 线反电势常数V (rms) / K rpm Voltage Constant | 121.6 |
| 转矩常数Nm / A (rms) Torque Constant | 2.01 |
| 线电阻 Ω @20° C Winding Resistance (Line-Line) | 0.71 |
| 电感mH (typ.) Winding Inductance (Line-Line) | 13.9 |
| 转子惯量kg m ² Inertia | 62.3X10-4 |
| 电气时间常数ms Electrical Time Constant | 19.5 |
| 极对数 Rotor Poles | 5 |
| 编码器 Encoder | 17位 绝对值 |
| 轴向载荷 N Shaft Load - Axial | 490 |
| 径向载荷 N Shaft Load - Radial (End of Shaft) | 1470 |
| 防护等级 Protection Class | IP65 |
| 绝缘等级 Insulation Class | F |
| 重量 kg Weight | 20.7 |



| 针位 PIN No. | 功能定义 Function |
|---------------|------------------|
| A | U |
| B | V |
| C | W |
| D | C, G |

| 针位 PIN No. | 功能定义 Function |
|---------------|------------------|
| 1 | VCC |
| 2 | GND |
| 3 | — |
| 4 | BAT |
| 5 | +D |
| 6 | —D |
| 7 | — |
| 8 | — |
| 9 | BAT— |
| 10 | SHIELD |

| 针位 PIN No. | 功能定义 Function |
|---------------|------------------|
| 1 | BK |
| 2 | BK |



HCFA浙江禾川科技股份有限公司

^ X2MG290A-B4LA

1. GB/T 1096 键B10x8x60 随电机一起包装, 但未安装。
GB/T 1096 Key B10x8x60 is shipped with motor, but not installed.
2. 防护等级IP65(除了轴上没装油封和非密封连接器情况)。
IP65 (except Shaft without seal and non-sealed connectors)