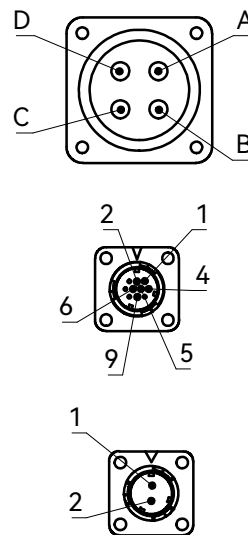


电机型号 Motor Model	X6MG290S-B4LA
适配驱动器电压 V (rms) Typical Drive Voltages	380
直流母线电压 V (dc) Basic DC Bus Voltage	540
额定功率 kW Rated Output Power	2.9
额定转速 rpm Rated Speed	1500
最高转速 rpm Max. Speed	4000
额定转矩 Nm Rated Torque	18.6
堵转转矩 Nm Continuous Stall Torque	18.6
瞬时峰值扭矩 Nm Peak Torque	55.8
额定电流 A (rms) Rated Current	13.5
堵转电流 A (rms) Continuous Stall Current	13.5
瞬时峰值电流 A (rms) Peak Current	44.5
线反电势常数V (rms) / K rpm Voltage Constant	91
转矩常数Nm / A (rms) Torque Constant	1.51
线电阻 Ω @20°C Winding Resistance (Line-Line)	0.4
线电感mH (typ.) Winding Inductance (Line-Line)	7.4
转子惯量kg m ² Inertia	62.3X10 ⁻⁴
电气时间常数ms Electrical Time Constant	18.5
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



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)