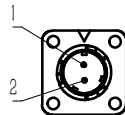
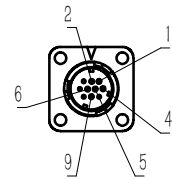
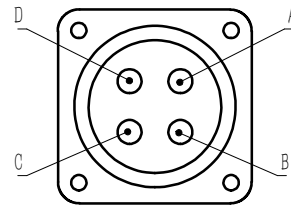
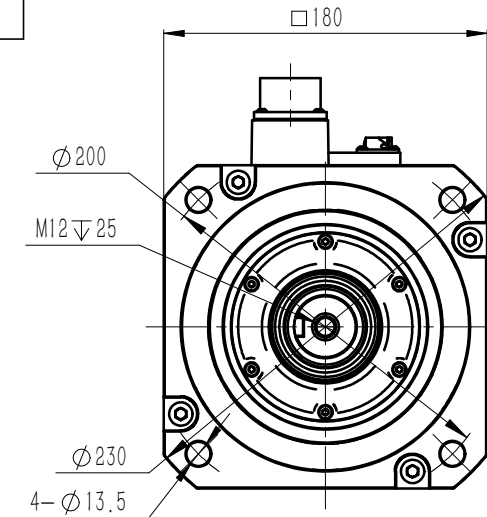


电机型号 Motor Model	X2MM400A-B41A
适配驱动器电压 V (rms) Typical Drive Voltages	380
直流母线电压 V (dc) Basic DC Bus Voltage	540
额定功率 kW Rated Output Power	4
额定转速 rpm Rated Speed	2000
最高转速 rpm Max. Speed	3000
额定转矩 Nm Rated Torque	19.1
堵转转矩 Nm Continuous Stall Torque	19.1
瞬时峰值扭矩 Nm Peak Torque	57.3
额定电流 A (rms) Rated Current	11.5
堵转电流 A (rms) Continuous Stall Current	11.5
瞬时峰值电流 A (rms) Peak Current	38
线反电势常数V (rms) / K rpm Voltage Constant	110
转矩常数Nm / A (rms) Torque Constant	1.82
线电阻 $\Omega$ @20° C Winding Resistance (Line-Line)	0.47
线电感mH (typ.) Winding Inductance (Line-Line)	8.7
转子惯量kg m <sup>2</sup> Inertia	68X10 <sup>-4</sup>
电气时间常数ms Electrical Time Constant	18.43
极对数 Rotor Poles	5
编码器 Encoder	17位绝对值
轴向载荷 N Shaft Load - Axial	343
径向载荷 N Shaft Load - Radial (End of Shaft)	784
防护等级 Protection Class	IP65
绝缘等级 Insulation Class	F
重量 kg Weight	21.2



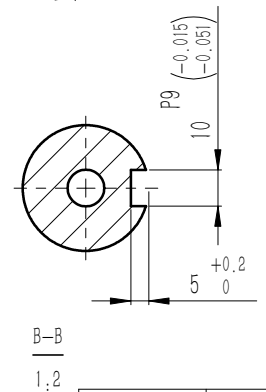
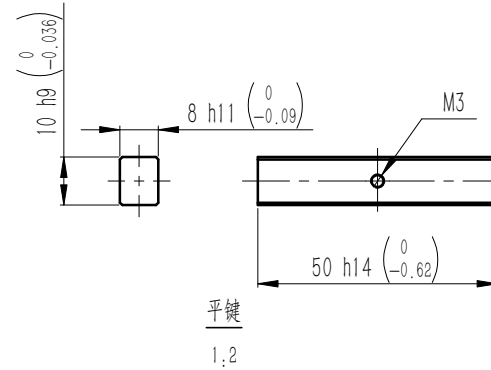
针位 PIN No.	功能定义 Function
A	U
B	V
C	W
D	C.G

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

notes

- 
- Technical drawing of a mechanical part, likely a pump or motor housing, showing a cross-section. The drawing includes dimensions in millimeters and tolerances.
- Key dimensions and tolerances:
- Overall width: 213
  - Overall height: 138.6
  - Internal width: 139.8
  - Internal features: 55, 50, 18, 3.2
  - Central shaft diameter:  $\varnothing 35 \text{ h6}$  (tolerance:  $0$  to  $-0.016$ )
  - Bottom flange diameter:  $\varnothing 114.3 \text{ h7}$  (tolerance:  $0$  to  $-0.035$ )
  - Surface texture symbols:  $R_a 0.04$  and  $R_a 0.04$



										HCFA浙江禾川科技股份有限公司					
														伺服电机(4kW带制动器)	
标记	处数	分区	更改文件号	签名	年月日										
设计	ZML	040220	标准化			阶 段 标 记		重量	比例	X2MM400A-B4LA					
									1:4						
审核															
工艺			批准			共 1 张    第 1 张									