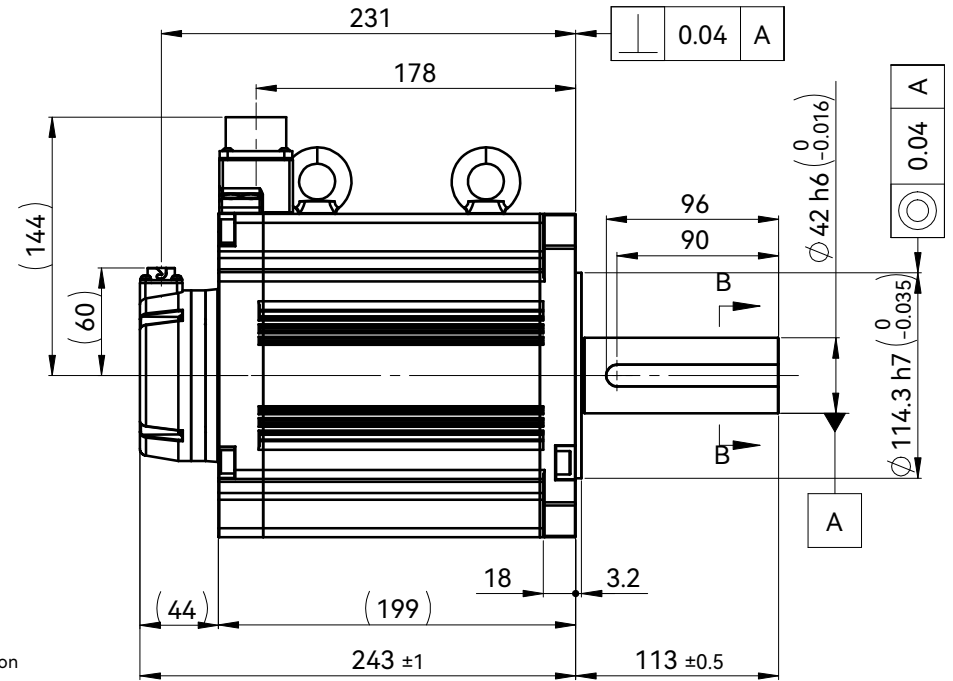


电机型号 Motor Model	X6MM750A-N4LD
适配驱动器电压 V (rms) Typical Drive Voltages	380
直流母线电压 V (dc) Basic DC Bus Voltage	540
额定功率 kW Rated Output Power	7.5
额定转速 rpm Rated Speed	1500
最高转速 rpm Max. Speed	2500
额定转矩 Nm Rated Torque	47.8
堵转转矩 Nm Continuous Stall Torque	47.8
瞬时峰值扭矩 Nm Peak Torque	119
额定电流 A (rms) Rated Current	21.8
堵转电流 A (rms) Continuous Stall Current	21.8
瞬时峰值电流 A (rms) Peak Current	75
线反电势常数V (rms) / K rpm Voltage Constant	151
转矩常数Nm / A (rms) Torque Constant	2.5
线电阻 Ω @20° C Winding Resistance (Line-Line)	0.31
线电感mH (typ.) Winding Inductance (Line-Line)	6.2
转子惯量kg m^2 Inertia	99.3X10 ⁻⁴
电气时间常数ms Electrical Time Constant	20
极对数 Rotor Poles	5
编码器 Encoder	23位绝对值
轴向载荷 N Shaft Load - Axial	980
径向载荷 N Shaft Load - Radial (End of Shaft)	2058
防护等级 Protection Class	IP65
绝缘等级 Insulation Class	F
重量 kg Weight	25



A diagram of a square flange with rounded corners. It features four mounting holes, one in each corner, labeled 'D'. In the center, there are four holes arranged in a 2x2 grid, labeled 'A' (top-left), 'B' (top-right), 'C' (bottom-left), and 'B' (bottom-right). The central holes are collectively labeled 'A'.

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	+D0
6	-D0
7	-
8	-
9	-
10	SHIELD



1. GB/T 1096 键 B12x8x90 随电机一起包装, 但未安装。
GB/T 1096 Key B12x8x90 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)