

1	2	3	4	5	6	7	8	9	10																																																																								
1										1																																																																							
2										2																																																																							
3	<table><tr><td colspan="3">一体机性能参数Performance parameters with Drive</td></tr><tr><td>参数项Parameter item</td><td>单位Unit</td><td>参数值Parameter values</td></tr><tr><td>动力电源Power supply</td><td>VDC</td><td>48</td></tr><tr><td>逻辑电源Logic power</td><td>VDC</td><td>24</td></tr><tr><td>额定功率Rated Power</td><td>W</td><td>400W</td></tr><tr><td>额定电流Rated Current</td><td>A</td><td>10</td></tr><tr><td>额定转矩Rated Torque</td><td>N.m</td><td>1.27</td></tr><tr><td>额定转速Rated Speed</td><td>rpm</td><td>3000</td></tr><tr><td>最大电流Maximum current</td><td>Arms</td><td>33.6</td></tr><tr><td>最大转矩Maximum torque</td><td>N.m</td><td>3.81</td></tr><tr><td>最大转速Maximum speed</td><td>rpm</td><td>4000</td></tr><tr><td>转动惯量Rotational inertia</td><td>kg.cm2</td><td>0.49</td></tr><tr><td>最大径向力Radial force Max</td><td>N</td><td>245</td></tr><tr><td>最大轴向力Axial force Max</td><td>N</td><td>74</td></tr><tr><td>重量Weight</td><td>kg</td><td>2.0</td></tr><tr><td>绝缘等级Insulation Class</td><td>/</td><td>F</td></tr><tr><td>防护等级Protection Degree</td><td>/</td><td>IP65</td></tr><tr><td>工作制Working system</td><td>/</td><td>S1</td></tr><tr><td>工作环境温度Working Temperature</td><td>/</td><td>-20~40℃</td></tr></table>									一体机性能参数Performance parameters with Drive			参数项Parameter item	单位Unit	参数值Parameter values	动力电源Power supply	VDC	48	逻辑电源Logic power	VDC	24	额定功率Rated Power	W	400W	额定电流Rated Current	A	10	额定转矩Rated Torque	N.m	1.27	额定转速Rated Speed	rpm	3000	最大电流Maximum current	Arms	33.6	最大转矩Maximum torque	N.m	3.81	最大转速Maximum speed	rpm	4000	转动惯量Rotational inertia	kg.cm2	0.49	最大径向力Radial force Max	N	245	最大轴向力Axial force Max	N	74	重量Weight	kg	2.0	绝缘等级Insulation Class	/	F	防护等级Protection Degree	/	IP65	工作制Working system	/	S1	工作环境温度Working Temperature	/	-20~40℃	3														
一体机性能参数Performance parameters with Drive																																																																																	
参数项Parameter item	单位Unit	参数值Parameter values																																																																															
动力电源Power supply	VDC	48																																																																															
逻辑电源Logic power	VDC	24																																																																															
额定功率Rated Power	W	400W																																																																															
额定电流Rated Current	A	10																																																																															
额定转矩Rated Torque	N.m	1.27																																																																															
额定转速Rated Speed	rpm	3000																																																																															
最大电流Maximum current	Arms	33.6																																																																															
最大转矩Maximum torque	N.m	3.81																																																																															
最大转速Maximum speed	rpm	4000																																																																															
转动惯量Rotational inertia	kg.cm2	0.49																																																																															
最大径向力Radial force Max	N	245																																																																															
最大轴向力Axial force Max	N	74																																																																															
重量Weight	kg	2.0																																																																															
绝缘等级Insulation Class	/	F																																																																															
防护等级Protection Degree	/	IP65																																																																															
工作制Working system	/	S1																																																																															
工作环境温度Working Temperature	/	-20~40℃																																																																															
4	TN 曲线图 TN Graph 4 2 0 010002000300040005000 转矩 (N·m) 短时工作区 Short term workspace 连续工作区 Continuous workspace (2100, 3.81) (3300, 1.27) (4000, 0.16) 转速 (rpm)									4																																																																							
5										5																																																																							
6										6																																																																							
7	<table><tr><td colspan="10">编码器性能参数Encoder performance parameters</td></tr><tr><td>参数项Parameter item</td><td colspan="9">参数值Values</td></tr><tr><td>类型Type</td><td colspan="9">磁电式多圈绝对值 (Magnetic multi-turn absolute encoder)</td></tr><tr><td>分辨率Resolution</td><td colspan="9">131072 (M16/S17bit)</td></tr></table>									编码器性能参数Encoder performance parameters										参数项Parameter item	参数值Values									类型Type	磁电式多圈绝对值 (Magnetic multi-turn absolute encoder)									分辨率Resolution	131072 (M16/S17bit)									7																															
编码器性能参数Encoder performance parameters																																																																																	
参数项Parameter item	参数值Values																																																																																
类型Type	磁电式多圈绝对值 (Magnetic multi-turn absolute encoder)																																																																																
分辨率Resolution	131072 (M16/S17bit)																																																																																
8	<table><tr><td colspan="2" rowspan="5">未注线性公差 Undeclared linear tolerance</td><td>V1.4</td><td>/</td><td>增加航插插头</td><td>/</td><td>2025/10/31</td><td>批准Approve</td><td>HH</td><td>2025/12/1</td><td>料号Part No</td><td>3110200012</td><td rowspan="5">产品外形图Product Outline Drawing Kinco步科 步科股份：688160 The copyright of this drawing belongs to our company and authorized dissemination is prohibited. </td></tr><tr><td>V1.3</td><td>/</td><td>更改TN曲线</td><td>/</td><td>2025/10/12</td><td>标准化Standard</td><td>ZY</td><td>2025/12/1</td><td>型号Model</td><td>iSMD60D-040-D2BK-EA-000-P000</td></tr><tr><td>V1.2</td><td>/</td><td>更改标注样式</td><td>/</td><td>2025/09/29</td><td>工艺Technique</td><td>JKK</td><td>2025/12/1</td><td>版本Version</td><td>V1.5</td></tr><tr><td>V1.1</td><td>/</td><td>增加TN曲线</td><td>/</td><td>2025/09/19</td><td>审核Check</td><td>ZY</td><td>2025/12/1</td><td>比例Scale</td><td>1:1</td></tr><tr><td>V1.5</td><td>/</td><td>修正电机长度</td><td>/</td><td>2025/12/1</td><td>设计Design</td><td>FP</td><td>2025/12/1</td><td>投影法 Projection methods</td><td></td></tr><tr><td colspan="2"></td><td>>120~400</td><td>±1.2</td><td>VER</td><td>Mark</td><td>版本记录Version record</td><td>归档方式ECN No</td><td>归档日期Date</td><td>评审Review</td><td>姓名Names</td><td>日期Data</td><td>页码Page No</td><td>Sheet 2 OF 2</td><td>A2</td></tr></table>												未注线性公差 Undeclared linear tolerance		V1.4	/	增加航插插头	/	2025/10/31	批准Approve	HH	2025/12/1	料号Part No	3110200012	产品外形图Product Outline Drawing Kinco步科 步科股份：688160 The copyright of this drawing belongs to our company and authorized dissemination is prohibited.	V1.3	/	更改TN曲线	/	2025/10/12	标准化Standard	ZY	2025/12/1	型号Model	iSMD60D-040-D2BK-EA-000-P000	V1.2	/	更改标注样式	/	2025/09/29	工艺Technique	JKK	2025/12/1	版本Version	V1.5	V1.1	/	增加TN曲线	/	2025/09/19	审核Check	ZY	2025/12/1	比例Scale	1:1	V1.5	/	修正电机长度	/	2025/12/1	设计Design	FP	2025/12/1	投影法 Projection methods				>120~400	±1.2	VER	Mark	版本记录Version record	归档方式ECN No	归档日期Date	评审Review	姓名Names	日期Data	页码Page No	Sheet 2 OF 2	A2	8
未注线性公差 Undeclared linear tolerance		V1.4	/	增加航插插头	/	2025/10/31	批准Approve	HH	2025/12/1	料号Part No	3110200012	产品外形图Product Outline Drawing Kinco步科 步科股份：688160 The copyright of this drawing belongs to our company and authorized dissemination is prohibited.																																																																					
		V1.3	/	更改TN曲线	/	2025/10/12	标准化Standard	ZY	2025/12/1	型号Model	iSMD60D-040-D2BK-EA-000-P000																																																																						
		V1.2	/	更改标注样式	/	2025/09/29	工艺Technique	JKK	2025/12/1	版本Version	V1.5																																																																						
		V1.1	/	增加TN曲线	/	2025/09/19	审核Check	ZY	2025/12/1	比例Scale	1:1																																																																						
		V1.5	/	修正电机长度	/	2025/12/1	设计Design	FP	2025/12/1	投影法 Projection methods																																																																							
		>120~400	±1.2	VER	Mark	版本记录Version record	归档方式ECN No	归档日期Date	评审Review	姓名Names	日期Data	页码Page No	Sheet 2 OF 2	A2																																																																			
1	2	3	4	5	6	7	8	旧物料编码：9.4839		10	A																																																																						