



规格/Specification

额定电压/Nominal voltage	24	V
空载转速/No-load speed (±10%)	11700	rpm
空载电流/No-load current (max)	12	mA
额定转速/Nominal speed	8900	rpm
最大连续转矩/Max. continuous torque	2.58	mNm
最大连续电流/Max. continuous current	0.14	A
堵转转矩/Stall torque	10.92	mNm
堵转电流/Stall current	0.57	A
最大效率/Max. efficiency	78%	
端电阻/Terminal resistance (±8%)	42.2	Ω
端电感/Terminal inductance	1.03	mH
转矩常数/Torque constant (±8%)	19.2	mNm/A
转速常数/Speed constant (±8%)	495	rpm/V
转速/转矩斜率/Speed/torque gradient	1093	rpm/mNm
机械时间常数/Mechanical time constant	4.79	ms
转子惯量/Rotor inertia	0.419	gcm <sup>2</sup>
环境温度范围/Ambient temperature	-20~+65	℃
绝缘等级/Insulation class	B	
绕组最高温度/Max. winding temperature	100	℃
轴承/Bearing	Sleeve bearing	
轴向间隙/Axial play	≤0.3	mm
电刷类型/Brushes type	Precious metal brushes	
换向器片数/Number of commutator segments	5	
重量/Weight	19.3	g

受控文件  
 日期 2024-01-08  
 鸣志电器(太仓)有限公司

铭牌/Label Detail



备注：二维码内包含产品名称、工单号、序列号。

Unit: mm  
 第一角画法  
 FIRST ANGLE METHOD  
 未注线性与角度尺寸公差  
 Tolerances for linear and angular dimensions  
 without individual tolerance indications  
 GB/T 1804-m eqv ISO 2768-1 : m  
 未注形状与位置尺寸公差  
 Geometrical tolerance for features without  
 individual tolerance indications  
 GB/T 1184-K eqv ISO 2768-2 : K

批准 Approve		
标准化 Standardize		
工艺 Process Review		
审核 Check		
设计 Design	胡恩	2023.12.21

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UNLESS OTHERWISE SPECIFIED NAMES SIGNATURE DATE

Drawing No: 4611185000006 Rev.A2 SCALE 2:1 Sheet 1 of 1