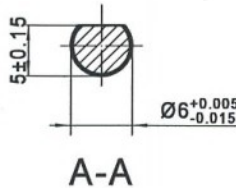


空心杯电机 Coreless Motor

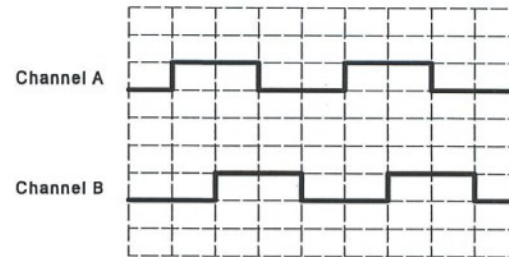
额定电压/Nominal voltage	18	V
空载转速/No-load speed (±10%)	2505	rpm
空载电流/No-load current (max)	71.4	mA
额定转速/Nominal speed	1994	rpm
最大连续转矩/Max. continuous torque (motor thermal limit)	35	mNm
最大连续电流/Max. continuous current (motor thermal limit)	0.590	A
堵转转矩/Stall torque	0.18	Nm
堵转电流/Stall current	3.16	A
环境温度范围/Ambient temperature	-40~+85	℃
绝缘等级/Insulation class	B	
重量/Weight	113.1	g
端电阻/Terminal resistance (motor) (±8%)	5.7	Ω
转矩常数/Torque constant (motor) (±8%)	17.05	mNm/A
转速常数/Speed constant (motor) (±8%)	560	rpm/V
转速/转矩斜率/Speed/torque gradient (motor)	188	rpm/mNm
电机空载转速/No-load speed (motor)	10100	rpm
电刷类型/Brushes type (motor)	Graphite brushes	
轴承类型/Bearing type(motor)	Ball bearing	
轴向间隙/Axial play (gearhead)	≤0.35	mm
级数/Number of stages (gearhead)	1	
减速比/Reduction ratio (gearhead)	4:1	
效率/Efficiency (gearhead)	84%	
类型/Type (encoder)	Incremental, Optical	
脉冲/转/Counts per turns (encoder)	200	
通道数/Number of channels (encoder)	2	



PIN No.	颜色/Colour	功能/Function
1	黑/Black	Vcc (5V)
2	棕/Brown	Channel B
3	橙/Orange	GND
4	黄/Yellow	Channel A

受控文件  
 日期 2024-10-10  
 鸣志电器(太仓)有限公司

输出信号/Output Signal



铭牌/Label Detail

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Motor Type	DCU24032G18-S105
Encoder Type	K16-200
Gearbox Type	PG22C-0004
Work Order	XXXXXXXX YYYY
Serial No.	

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

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A0	原始版本 Original revision	2023.06.25
REV.	版本记录 REVISION RECORD	DATE

UNLESS OTHERWISE SPECIFIED	NAMES	SIGNATURE	DATE	Drawing No: 4611185000477	Rev. A1	SCALE 2:1	Sheet 1 of 1
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