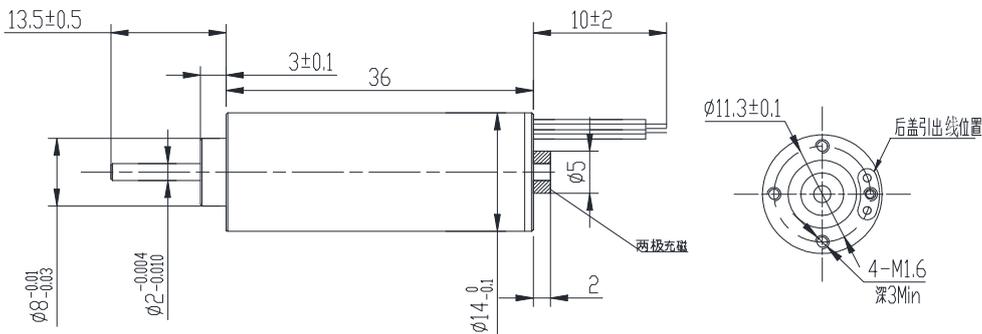


机械尺寸

(Dimensions)



选件 Options



接插件 齿轮箱

特性概要

(General Specifications)

绕组连接方式 (Winding Type)	星形 (Star connection)
介电强度 (Dielectric Strength)	600VAC/1S
绝缘电阻 (Insulation Resistance)	100MΩ, 500VDC
环境温度 (Ambient Temperature)	-20°C ~ +50°C
绝缘等级 (Insulation Class)	Class B
径向间隙 (Radial Play)	0.025mm@4N
轴向间隙 (Axial Play)	0.3mm@4N
最大径向负载 (Max radial force)	15N距法兰10mm (10mm From the flange)
最大轴向负载 (Max axial force)	5N

接线说明

(Electric Connection)

线型号 Type	线颜色 Color	功能 Functions
UL1332 AWG26	黄色(Yellow)	U相 (Phase U)
	红色(Red)	V相 (Phase V)
	黑色(Black)	W相 (Phase W)

电性能

(Electrical Specifications)

	单位 (Unit)	FL14SBL45-6V-12000
极数 (Number of poles)		2
相数 (Number of phases)		3
额定电压 (Rated voltage)	VDC	6
空载转速 (No load speed)	RPM	11000
空载电流 (No load current)	A	0.1
额定转矩 (Rated torque)	mN.m	3.6
额定电流 (Rated current)	A	0.8
额定速度 (Rated speed)	RPM	10000
额定功率 (Rated power)	W	3.8
额定效率 (Rated efficiency)	%	70
峰值扭矩 (Peak torque)	mN.m	10.8
峰值电流 (Peak current)	A	2.4
线电阻 (Line to line resistance)	ohms@20°C	1.3
线电感 (Line to line inductance)	mH	0.06
转矩常数 (Torque constant)	mNm/A	5.27
反电势 (Back EMF)	Vrms/Krpm	0.39
外壳-环境热阻 (Housing - Ambient thermal resistance)	K/W	7.32
电机热时间常数 (Motor thermal time constant)	S	869
绕组最高允许温度 (Max temperature of winding)	°C	155
电气时间常数 (Electrical time constant)	ms	0.046