

J70ST-X01

电机参数 (Motor Parameters)		指标 (Performance Metrics)
1 额定电压 (Rated Voltage)	VDC	160
2 空载转速 (No-Load Speed)	r/min	15400~16100
3 空载电流 (No-Load Current)	A	≤1.84
4 额定转速 (Rated Speed)	r/min	14000~14500
5 额定转矩 (Rated Torque)	N.m	3.3
6 额定电流 (Rated Current)	A	34~36
7 相间电阻 (Interphase Resistance)	Ω	0.296
8 相间电感 (Interphase Inductance)	mH	0.375
9 机电时间常数 (Electromechanical Time Constant)	ms	≤7
10 转子转动惯量 (Rotor Moment of Inertia)	kg·m ²	4.70×10 ⁻⁵
热参数 (Thermal Parameters)		
11 最高绕组温度 (Maximum Winding Temperature)	℃	220
12 绝缘等级 (Insulation Class)		C
机械参数 (Mechanical Parameters)		
13 轴向间隙 (Axial Clearance)	mm	≤0.03
14 径向间隙 (Radial Clearance)	mm	≤0.03
其他参数 (Other Parameters)		
15 电机质量 (Motor Mass)	g	2593
16 极对数 (Number of Poles)		2
产品组成 (Product Composition)		
永磁同步电动机 (Permanent Magnet Synchronous Motor Product and Brake System)		
机械特性 (转速-转矩/功率曲线) Mechanical Characteristics (Speed-Torque/Power Curve)		



