

Details	Unit	SJM4310-10
额定电压(Nominal Voltage)	V	24
电压范围(Voltage Range)	V	12~24
功率(Power)	W	20
额定扭矩(Nominal Torque)	N.M	2
堵转扭矩(Stall Torque)	N.M	5.8
减速后额定转速(Nominal Speed after Reduce)	RPM	100
减速后最大转速(Max Speed after Reduce)	RPM	330
额定电流(Nominal Current)	A	3.5
堵转电流(Stall Current)	A	15
相电阻(Phase Resistance)	$\Omega$	1.046
相电感(Phase Inductance)	mH	0.344
转速常数(Speed Constant)	rpm/v	9.25
扭矩常数(Torque Constant)	N.M/A	0.66
转子惯量(Rotor Inertia)	gcm <sup>2</sup>	10.4
极对数(Number of Pole Pairs)	Pairs	14
减速比(Gear Rate)	/	10:1
减速器类型(Gear Type)	/	Planetary
减速器齿轮材料(Reducer Gear Material)	/	STEEL
减速器齿轮背隙(Reducer Gear Backlash)	arcmin	15
电机重量不带驱动(Motor Weight without Driver)	g	217
电机重量带驱动(Motor Weight with Driver)	g	225
电机尺寸不带驱动(Size without Driver)	mm	Ø53*32
电机尺寸带驱动(Size with Driver)	mm	Ø53*32
轴向最大负载(Max Axial Load)	N	125
径向最大负载(Max Radial Load)	N	500
噪音(Noise)	dB	< 60
电机防水防尘等级(Motor Protection Grade)	/	IP54
工作温度范围(Working Temperature)	°C	-20~+80