

Details	Unit	SJM3505-08
额定电压(Nominal Voltage)	V	24
电压范围(Voltage Range)	V	12~36
功率(Power)	W	9
额定扭矩(Nominal Torque)	N.M	0.43
堵转扭矩(Stall Torque)	N.M	0.85
减速后额定转速(Nominal Speed after Reduce)	RPM	234
减速后最大转速(Max Speed after Reduce)	RPM	306
额定电流(Nominal Current)	A	1.4
堵转电流(Stall Current)	A	2.5
相电阻(Phase Resistance)	Ω	4.028
相电感(Phase Inductance)	mH	0.428
转速常数(Speed Constant)	rpm/v	13.15
扭矩常数(Torque Constant)	N.M/A	0.41
转子惯量(Rotor Inertia)	gcm ²	6.01
极对数(Number of Pole Pairs)	Pairs	11
减速比(Gear Rate)	/	8:1
减速器类型(Gear Type)	/	Planetary
减速器齿轮材料(Reducer Gear Material)	/	ALU
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	84
电机重量带驱动(Motor Weight with Driver)	g	97
电机尺寸不带驱动(Size without Driver)	mm	\varnothing 43*23.6
电机尺寸带驱动(Size with Driver)	mm	\varnothing 43*30
轴向最大负载(Max Axial Load)	N	75
径向最大负载(Max Radial Load)	N	300
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)	$^{\circ}$ C	-20~+80