

SJM8108-09

Specs/Driver Type	Unit	SDC303 driver	SDC103 driver
额定电压(Nominal Voltage)	V	24	36
电压范围(Voltage Range)	V	24~48	24~48
功率(Power)	W	125	170
额定扭矩(Nominal Torque)	N.M	9	9
堵转扭矩(Stall Torque)	N.M	22	22
减速后额定转速(Nominal Speed after Reduce)	RPM	130	180
减速后最大转速(Max Speed after Reduce)	RPM	230	440
额定电流(Nominal Current)	A	5	15
堵转电流(Stall Current)	A	20	45
相电阻(Phase Resistance)	Ω	0.155	0.155
相电感(Phase Inductance)	mH	0.049	0.049
转速常数(Speed Constant)	rpm/v	100	9.357
扭矩常数(Torque Constant)	N.M/A	0.091	0.6
转子惯量(Rotor Inertia)	gcm ²	800	44
极对数(Number of Pole Pairs)	Pairs	21	
减速比(Gear Rate)	/	9:1	
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	525	
电机重量带驱动(Motor Weight with Driver)	g	567	
电机尺寸不带驱动(Size without Driver)	mm	Ø96*34	
电机尺寸带驱动(Size with Driver)	mm	Ø96*41.5	
轴向最大负载(Max Axial Load)	N	225	
径向最大负载(Max Radial Load)	N	900	
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	
驱动协议(Communication)	/	MIT: CAN SHS: CAN and RS485	