

SJM8108-48

驱动板型号(Driver Model)	/	SDC104
额定电压(Nominal Voltage)	V	48
电压范围(Voltage Range)	V	24~56
功率(Power)	W	336
额定扭矩(Nominal Torque)	N.M	45
堵转扭矩(Stall Torque)	N.M	132
减速后额定转速(Nominal Speed after Reduce)	RPM	18
减速后最大转速(Max Speed after Reduce)	RPM	53
额定电流(Nominal Current)	A	7
堵转电流(Stall Current)	A	22
相电阻(Phase Resistance)	Ω	0.67
相电感(Phase Inductance)	mH	0.45
转速常数(Speed Constant)	rpm/v	1.1
扭矩常数(Torque Constant)	N.M/A	6
转子惯量(Rotor Inertia)	gcm ²	45.5
极对数(Number of Pole Pairs)	Pairs	21
减速比(Gear Rate)	/	48:1
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	762
电机重量带驱动(Motor Weight with Driver)	g	780
电机尺寸不带驱动(Size without Driver)	mm	Ø92*62
电机尺寸带驱动(Size with Driver)	mm	Ø92*73
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
通信协议(Communication)	/	CAN & Type-C
第二编码器(Second Encoder)	/	YES
电机防水防尘等级(Motor Protection Grade)	/	IP54
工作温度范围(Working Temperature)	°C	-20~+80
板载编码器精度(Resolution of Encoder on Driver)	Bit	12
是否支持单独编码器(Separate Encoder)	/	NO