

## SJM8108-06

驱动板型号(Driver Model)	/	SDC103	SDC303
额定电压(Nominal Voltage)	V	48	24
电压范围(Voltage Range)	V	24~48	15~48
功率(Power)	W	192	221
额定扭矩(Nominal Torque)	N.M	5.46	5.85
堵转扭矩(Stall Torque)	N.M	18.25	17.15
减速后额定转速(Nominal Speed after Reduce)	RPM	311	293
减速后最大转速(Max Speed after Reduce)	RPM	363	341
额定电流(Nominal Current)	A	4	9.2
堵转电流(Stall Current)	A	18.09	16.84
相电阻(Phase Resistance)	$\Omega$	0.73	0.22
相电感(Phase Inductance)	mH	0.49	0.21
转速常数(Speed Constant)	rpm/v	7.56	14.21
扭矩常数(Torque Constant)	N.M/A	1.22	0.64
转子惯量(Rotor Inertia)	gcm <sup>2</sup>	42.6	42.6
极对数(Number of Pole Pairs)	Pairs	21	21
减速比(Gear Rate)	/	6:1	6:1
减速器类型(Gear Type)	/	Planetary	Planetary
减速器齿轮材料(Reducer Gear Material)	/	STEEL	STEEL
减速器齿轮背隙(Reducer Gear Backlash)	arcmin	15	15
电机重量不带驱动(Motor Weight without Driver)	g	525	525
电机重量带驱动(Motor Weight with Driver)	g	567	567
电机尺寸不带驱动(Size without Driver)	mm	$\varnothing 96 \times 34$	$\varnothing 96 \times 34$
电机尺寸带驱动(Size with Driver)	mm	$\varnothing 96 \times 41.5$	$\varnothing 96 \times 41.5$
轴向最大负载(Max Axial Load)	N	225	225
径向最大负载(Max Radial Load)	N	900	900
噪音(Noise)	dB	< 60	< 60
通信协议(Communication)	/	CAN & 485	CAN
第二编码器(Second Encoder)	/	YES	YES
电机防水防尘等级(Motor Protection Grade)	/	IP54	IP54
工作温度范围(Working Temperature)	°C	-20~+80	-20~+80
板载编码器精度(Resolution of Encoder on Driver)	Bit	12	12
是否支持单独编码器(Separate Encoder)	/	NO	NO