

## SJM8108-36

Specs/Driver Type	Unit	SDC303 driver	SDC103 driver
额定电压(Nominal Voltage)	V	24	36
电压范围(Voltage Range)	V	36~48	24~48
功率(Power)	W	125	135
额定扭矩(Nominal Torque)	N.M	36	33
堵转扭矩(Stall Torque)	N.M	90	93
减速后额定转速(Nominal Speed after Reduce)	RPM	35	40
减速后最大转速(Max Speed after Reduce)	RPM	60	110
额定电流(Nominal Current)	A	5	16
堵转电流(Stall Current)	A	20	45
相电阻(Phase Resistance)	$\Omega$	0.118	0.118
相电感(Phase Inductance)	mH	0.05	0.05
转速常数(Speed Constant)	rpm/v	100	2.5
扭矩常数(Torque Constant)	N.M/A	0.091	2.05
转子惯量(Rotor Inertia)	gcm <sup>2</sup>	800	55
极对数(Number of Pole Pairs)	Pairs	21	
减速比(Gear Rate)	/	36:1	
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	720	
电机重量带驱动(Motor Weight with Driver)	g	760	
电机尺寸不带驱动(Size without Driver)	mm	Ø96*52.5	
电机尺寸带驱动(Size with Driver)	mm	Ø96*60	
轴向最大负载(Max Axial Load)	N	250	
径向最大负载(Max Radial Load)	N	1000	
噪音(Noise)	dB	< 65	
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	