

SJM8115-36

Specs/Driver Type	Unit	SDC303 driver	SDC103 driver
额定电压(Nominal Voltage)	V	48	36
电压范围(Voltage Range)	V	36~48	24~48
功率(Power)	W	160	85
额定扭矩(Nominal Torque)	N.M	54	45
堵转扭矩(Stall Torque)	N.M	150	115
减速后额定转速(Nominal Speed after Reduce)	RPM	30	15
减速后最大转速(Max Speed after Reduce)	RPM	65	36
额定电流(Nominal Current)	A	5	9.5
堵转电流(Stall Current)	A	20	25
相电阻(Phase Resistance)	Ω	0.54	0.54
相电感(Phase Inductance)	mH	0.262	0.262
转速常数(Speed Constant)	rpm/v	50	0.75
扭矩常数(Torque Constant)	N.M/A	0.28	4.8
转子惯量(Rotor Inertia)	gcm ²	1200	61.6
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	920	
电机重量带驱动(Motor Weight with Driver)	g	960	
电机尺寸不带驱动(Size without Driver)	mm	∅96*59.5	
电机尺寸带驱动(Size with Driver)	mm	∅96*67	
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)	℃	-20~+80	
驱动协议(Communication)	/	MIT: CAN SHS: CAN and RS485	