

SJM10015-09

驱动板型号(Driver Model)	/	SDC103	
额定电压(Nominal Voltage)	V	24	48
电压范围(Voltage Range)	V	24~48	24~48
功率(Power)	W	355	576
额定扭矩(Nominal Torque)	N.M	31.3	32
堵转扭矩(Stall Torque)	N.M	56	60
减速后额定转速(Nominal Speed after Reduce)	RPM	69	45
减速后最大转速(Max Speed after Reduce)	RPM	104	122
额定电流(Nominal Current)	A	14.8	12
堵转电流(Stall Current)	A	27.86	24.9
相电阻(Phase Resistance)	Ω	0.28	0.68
相电感(Phase Inductance)	mH	0.46	0.57
转速常数(Speed Constant)	rpm/v	4.33	2.54
扭矩常数(Torque Constant)	N.M/A	2.01	2.41
转子惯量(Rotor Inertia)	gcm ²	112	112
极对数(Number of Pole Pairs)	Pairs	21	21
减速比(Gear Rate)	/	9:1	9:1
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
电机重量不带驱动器(Motor Weight without Driver)	g	1325	1325
电机重量带驱动器(Motor Weight with Driver)	g	1372	1372
电机尺寸不带驱动器(Size without Driver)	mm	∅120*45	∅120*45
电机尺寸带驱动器(Size with Driver)	mm	∅122*57.5	∅122*57.5
轴向最大负载(Max Axial Load)	N	1250	1250
径向最大负载(Max Radial Load)	N	5000	5000
噪音(Noise)	dB	< 60	< 60
通信协议(Communication)	/	CAN & 485	CAN & 485
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)	℃	-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