

SJM6010-48

驱动板型号(Driver Model)	/	SDC104	SDC215
额定电压(Nominal Voltage)	V	24	24
电压范围(Voltage Range)	V	12~56	12~56
功率(Power)	W	252	156
额定扭矩(Nominal Torque)	N.M	30	27
堵转扭矩(Stall Torque)	N.M	66	55.9
减速后额定转速(Nominal Speed after Reduce)	RPM	20	38
减速后最大转速(Max Speed after Reduce)	RPM	70	49
额定电流(Nominal Current)	A	10.5	6.5
堵转电流(Stall Current)	A	23.4	13.5
相电阻(Phase Resistance)	Ω	0.42	0.42
相电感(Phase Inductance)	mH	0.34	0.34
转速常数(Speed Constant)	rpm/v	2.92	2.04
扭矩常数(Torque Constant)	N.M/A	2.82	4.53
转子惯量(Rotor Inertia)	gcm ²	26.3	26.3
极对数(Number of Pole Pairs)	Pairs	14	14
减速比(Gear Rate)	/	48:1	48:1
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	759	759
电机重量带驱动(Motor Weight with Driver)	g	776	776
电机尺寸不带驱动(Size without Driver)	mm	$\varnothing 80 \times 56.5$	$\varnothing 80 \times 56.5$
电机尺寸带驱动(Size with Driver)	mm	$\varnothing 80 \times 67.5$	$\varnothing 80 \times 67.5$
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 & Type-C	CAN & Type-C
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