

SJM6010-06

Specs/Driver Type	Unit	SDC301 driver	SDC102 driver
额定电压(Nominal Voltage)	V	24	24
电压范围(Voltage Range)	V	12~36	12~36
功率(Power)	W	90	85
额定扭矩(Nominal Torque)	N.M	3	3
堵转扭矩(Stall Torque)	N.M	9	9
减速后额定转速(Nominal Speed after Reduce)	RPM	300	320
减速后最大转速(Max Speed after Reduce)	RPM	400	670
额定电流(Nominal Current)	A	4	24
堵转电流(Stall Current)	A	15	40
相电阻(Phase Resistance)	Ω	0.3165	0.3165
相电感(Phase Inductance)	mH	0.203	0.203
转速常数(Speed Constant)	rpm/v	130	19.28
扭矩常数(Torque Constant)	N.M/A	0.068	0.1
转子惯量(Rotor Inertia)	gcm ²	600	29.3
极对数(Number of Pole Pairs)	Pairs	14	
减速比(Gear Rate)	/	6:1	
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	289	
电机重量带驱动(Motor Weight with Driver)	g	318	
电机尺寸不带驱动(Size without Driver)	mm	Ø76*29	
电机尺寸带驱动(Size with Driver)	mm	Ø76*36.5	
轴向最大负载(Max Axial Load)	N	200	
径向最大负载(Max Radial Load)	N	800	
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	