

SJM6010-36

驱动板型号(Driver Model)	/	SDC102	SDC301
额定电压(Nominal Voltage)	V	48	24
电压范围(Voltage Range)	V	12~56	12~56
功率(Power)	W	221	192
额定扭矩(Nominal Torque)	N.M	18	18
堵转扭矩(Stall Torque)	N.M	41	45
减速后额定转速(Nominal Speed after Reduce)	RPM	85	50
减速后最大转速(Max Speed after Reduce)	RPM	97	90
额定电流(Nominal Current)	A	4.6	4
堵转电流(Stall Current)	A	9.3	66.18
相电阻(Phase Resistance)	Ω	0.55	0.55
相电感(Phase Inductance)	mH	0.49	0.49
转速常数(Speed Constant)	rpm/v	2.02	1.88
扭矩常数(Torque Constant)	N.M/A	4.38	0.68
极对数(Number of Pole Pairs)	Pairs	14	14
减速比(Gear Rate)	/	36:1	36:1
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	546	546
电机重量带驱动(Motor Weight with Driver)	g	574	574
电机尺寸不带驱动(Size without Driver)	mm	$\varnothing 76 \times 45.50$	$\varnothing 76 \times 45.50$
电机尺寸带驱动(Size with Driver)	mm	$\varnothing 76 \times 56.50$	$\varnothing 76 \times 56.50$
轴向最大负载(Max Axial Load)	N	250	250
径向最大负载(Max Radial Load)	N	1000	1000
噪音(Noise)	dB	< 65	< 65
通信协议(Communication)	/	CAN & 485	CAN
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)	$^{\circ}\text{C}$	-20~ +80	-20~ +80
板载编码器精度(Resolution of Encoder on Driver)	Bit	14	14
是否支持单独编码器(Separate Encoder)	/	NO	NO
是否支持定制抱闸(Custom Brake)	/	YES	YES