

电机型号	Unit	HT-04-9
额定电压 (Nominal voltage)	V	48
电压范围 (Voltage Range)	V	36~48
功率 (Power)	W	160
额定扭矩 (Nominal torque)	N.M	20
堵转扭矩 (Stall torque)	N.M	53
高速后额定转速 (Nominal Speed after reduce)	RPM	120
高速后最大转速 (Max Speed after reduce)	RPM	250
额定电流 (Nominal current)	A	7
堵转电流 (Stall current)	A	20
相间电阻 (Phase to phase resistance)	Ω	0.43
相间电感 (Phase to phase inductance)	mH	0.27
转速常数 (Speed constant)	rpm/v	50
扭矩常数 (Torque constant)	N.M/A	0.091
转子惯量 (Rotor inertia)	gcm ²	1200
极对数 (Number of pole pairs)	Pairs	21
减速比 (Gear Rate)	/	9:1
减速器类型 (Gear type)	/	Planetary
减速器齿轮材料 (Reducer gear material)	/	STEEL
减速器齿背隙 (Reducer gear backlash)	arcmin	< 5
电机重量不带驱动 (Motor weight without driver)	g	660
电机重量带驱动 (Motor weight with driver)	g	705
电机尺寸不带驱动 (Size without Driver)	mm	Ø96*41
电机尺寸带驱动 (Size with Driver)	mm	Ø96*48.5
轴向最大负载 (Max.Axial load)	N	800
径向最大负载 (Max.Radial load)	N	900
噪音 (Noise)	dB	< 65
防水防尘等级 (Protection grade)	/	IP54
工作温度范围 (Working temperature)	°C	-20~80
驱动协议 (Communication)	/	CAN
板载编码器精度 (Resolution of the encoder on the driver)	Bit	12bit (MA702)