

AKE60-8 KV80基本参数
Basic Specification of AKE60-8 KV80

应用领域 Main Application	协作机械臂 Collaborative Robot arm	额定电压 V Rated Voltage	24	反电势常数 V/krpm EMF constant	12.5
驱动方式 Drive Mode	FOC	空载转速 rpm No-load Speed	240	线电阻 mΩ Line Resistance	577
工作环境温度°C Operating Ambient Temperature	-20~50	额定扭矩 Nm Rated Torque	5	线电感 μH Line Inductance	704
线圈接法 Coil Connection	star	额定转速 rpm Rated Speed	180	转动惯量 gcm ² Moment of inertia	32
绝缘等级 IP Grade	F	额定电流 ADC Rated Current	4.8	电机常数 Nm/√W Constant of Motor	0.15
绝缘耐压V Insulation Withstand Voltage V	500	峰值扭矩 Nm Peak Torque	12.5	机电时间常数 ms Electromechanical Time Constant	1.2
绝缘电阻MΩ Insulation resistance	10	峰值电流 ADC Peak Current	12	电气时间常数 ms Electrical Time Constant	1.7
极对数 Polar Logarithmic	14	速度常数 rpm/V Speed Constant	80	重量 g Weight	260
背隙(arcmin) Backlash	9	扭矩常数 Nm/A Torque constant	0.13	最大转矩密度 Nm/kg Maximum torque intensity	46