

AKE80-8 KV30基本参数
Basic Specification of AKE60-8 KV30

应用领域 Main Application	协作机械臂 Collaborative Robot arm	额定电压 V Rated Voltage	48	反电势常数 V/krpm EMF constant	33
驱动方式 Drive Mode	FOC	空载转速 rpm No-load Speed	195	线电阻 mΩ Line Resistance	870
工作环境温度°C Operating Ambient Temperature	-20~50	额定扭矩 Nm Rated Torque	12	线电感 μH Line Inductance	990
线圈接法 Coil Connection	star	额定转速 rpm Rated Speed	150	转动惯量 gcm ² Moment of inertia	143
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	0.34
绝缘耐压V Insulation Withstand Voltage V	500	峰值扭矩 Nm Peak Torque	30	机电时间常数 ms Electromechanical Time Constant	2.3
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	1.13
极对数 Polar Logarithmic	21	速度常数 rpm/V Speed Constant	30	重量 g Weight	570
背隙(arcmin) Backlash	9	扭矩常数 Nm/A Torque constant	0.32	最大转矩密度 Nm/kg Maximum torque intensity	52