



60BLFS直流无刷电机

一、电气性能

绕组方式Winding Type	星形Star	工作环境温度Ambient Temperature Range	-20C~+50°C
霍尔电位角度Hall Effect angle	120°	绝缘电阻Insulation Resistance	100MΩMin 500VC DC
绝缘等级Insulation Class	B级绝缘	介电强度Dielectric Strength	700V AC 1 minute

二、技术数据

型号Model	60BLFS 77-430	60BLFS 97-430	60BLFS 115-430
极数Number of poles	8		
相数Number of phases	3		
额定电压Nominal voltage VDC	48		
额定转速Rated speed RPM	3000		
额定扭矩Rated torque N-M	0.21	0.42	0.63
额定电流Rated current Amps	2	4	6
输出功率Output power W	66	132	198
峰值扭矩Peak torque N-M	0.63	1.26	1.89
峰值电流Peak current Amps	6	12	18
力矩常数Torque constant N-M/A	0.127	0.127	0.127
反电势常数Back EMF constant V/K RPM	13.3	13.3	13.3
转动惯量Rotor inertia Kg·mm ²	13.7	26.4	39.2
机身长度Body length mm	77	97	115
重量Mass Kg	0.7	1.0	1.3

三、外形图

