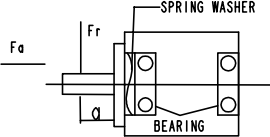


Rated torque:6N.m. (According to duty cycle: 10% D.C with load of 6N.m for 3 seconds)

NUMBER OF PHASE		绕组相数	3	Wires for phase					
NUMBER OF POLES		极数	8	PHASE U		PHASE V		PHASE W	
LINE TO LINE RESISTANCE		线电阻	0.156±10% ohms@20°C	YEL		RED		BLK	
LINE TO LINE INDUCTANCE		线电感	0.82±20% mH@1kHz	Wires for hall					
NOMINAL VOLTAGE		额定电压	48 VDC	HALL Vc		Hu		Hv	
NO LOAD SPEED		空载转速	3000±10% RPM			Hw		HALL Gnd	
NO LOAD CURRENT		空载电流	0.8 A	RED		BLU		GRN	
RATED TORQUE		额定转矩	6N.m			WHT		BLK	
RATED SPEED		额定转速	1400 RPM	<div>PERMISSIBLE RADIAL+AXIAL FORCE</div> 					
RATED CURRENT		额定电流	40.5A						
PEAK TORQUE		峰值转矩	N.m						
PEAK CURRENT		峰值电流	A						
BACK EMF CONSTANT		反电动势常数	11 Vrms/kRPM						
TORQUE CONSTANT		转矩常数	0.148N.m/A						
INSULATION CLASS		绝缘等级	B 130°C	AXIAL-FORCE		轴向压力		Fa= 147 N Max.	
DIELECTRIC STRENG		介电强度	600VAC 1SEC	DISTANCE		距离		a=10 mm	
INSULATION RESIST		绝缘电阻	100MOhm @500VDC	RADIAL-FORCE		径向压力		Fr= 392 N Max.	
ROTOR INERTIA		转子转动惯量	1.1Kg.cm ²	SHAFT RADIAL PLAY		径向间隙		0.02mm Max. @4N	
WEIGHT		重量	3.2Kg	SHAFT AXIAL PLAY		轴向间隙		0.08mm Max. @4N	
OPERATION AMBIENT		使用环境	Ambient temperature:-20...+50°C,humidity Max. 85%(No condensation)						
STORAGE AMBIENT		存储环境	Ambient temperature:-20...+85°C,humidity Max. 85%(No condensation)						

Duty Cycle:工作制

10% D.C with load of 6[Nm] – for 3 秒瞬时过载.

30% D.C with load of 0.8[Nm] – for 9 秒正常力矩工

The other 60% the motor is off – for 18 seconds.

然后休息18秒

A			DESIGN	DATE	P/N.	
REV	ECN NO.	DESCRIPTION	XJ	210531	TITLE	SPECIFICATION
UNLESS OTHERWISE SPECIFIED		MATERIAL	CONTR.	CHECK	USED ON	FL80BLS120-48V-1400
TOLERANCES:					DWG NO.	REV A
DECIMALS: .X ±0.5				APPD		
ANGULAR: .XXX ±0.25						
UNIT: mm		FIRST ANGLE PROJECTION		SCALE		
DO NOT SCALE DRAWING				SHEET OF		