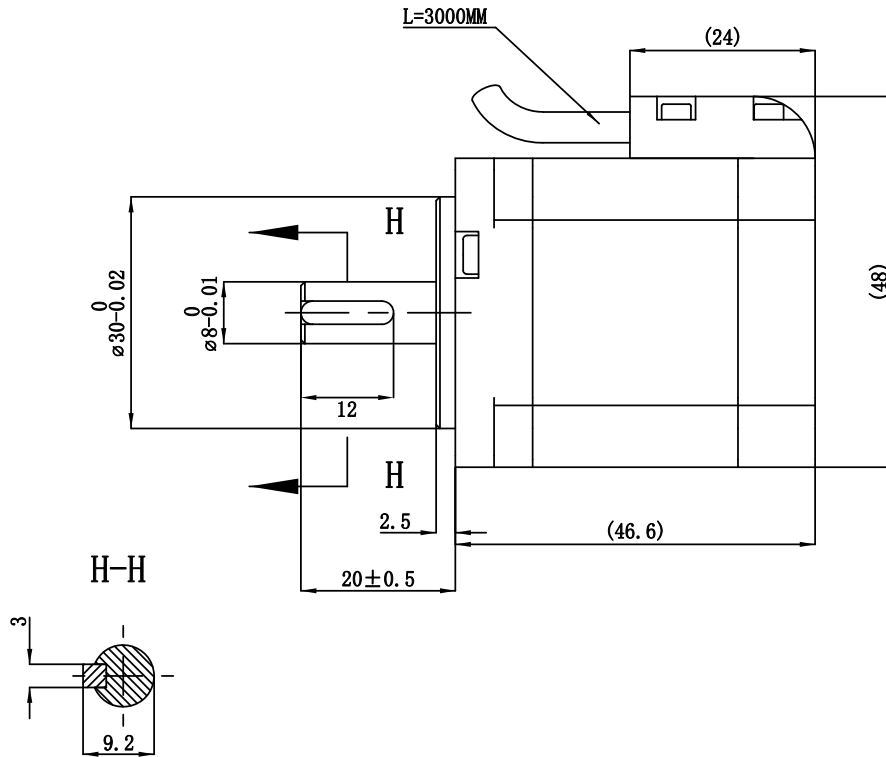
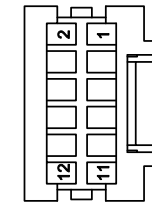


Side view

Front view and mounting



Encoder Connector



JST PADP-12V-1-S / Contact: SPH-002T-P0.5L

电动机规格书/Motor Specification

电机极数/Poles	10
Voltage/电压	48
电阻/Resistance	3.11±10%
电感/Inductance	4.01mH±20%
额定电流/Rated Current	1.42 A
额定转矩/Rated Torque	0.16 Nm
额定转速/Rated Speed	3000 rpm
额定功率/Rated Power	50W
位置传感器/Encoder	磁电编码器2500CPR
使用温度范围/Operation Ambient Temperature	-20~40 °C
保存温度范围/Storage Ambient Temperature	-40~65 °C
反电势系数/Back EMF coefficient	7.19
峰值扭矩/Peak Torque	0.48 Nm

接线图/Wiring Diagram

Motor Cable		
1	RD	U
2	WH	V
3	BK	W
4	NC	NC

信号定义
Signal definition

PIN	FUN	Note	PIN	FUN	Note	PIN	FUN	Note
1	GND	BK	6	B\	YE/BK	11	H3	WH
2	VCC	RD	7	Z	BN	12	SHIELDING	FG
3	A	GN	8	Z\	BN/BK			
4	B	YE	9	H1	BU			
5	A\	GN/BK	10	H2	GY			

铭牌内容/Lable Discription

WWW.YANLANMC.COM

DC SERVO MOTOR 高性能直流伺服电机

C			
B			
A	初版/First Edition		
版本 Edition	变更内容 Revisions	设计 Designed	日期 DATE

Yanlanmc
For smarter equip

型号 Model	EC4050048030L3000K8-E						
批准 Approved	J. Song	23.09.08		材质 Material			
审核 Checked	CB. Y	23.09.08		公差 Tolerance	±0.2	No.	Sheet
制图 Drawn	QC. Y	23.09.08		比例 Scale	1:1	页 Sheet	1/1