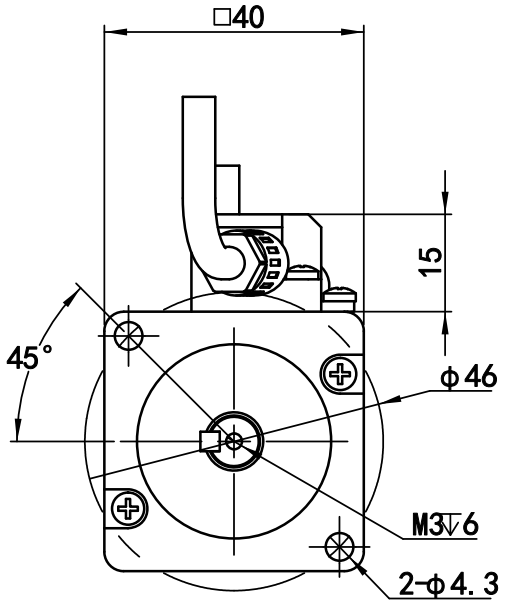
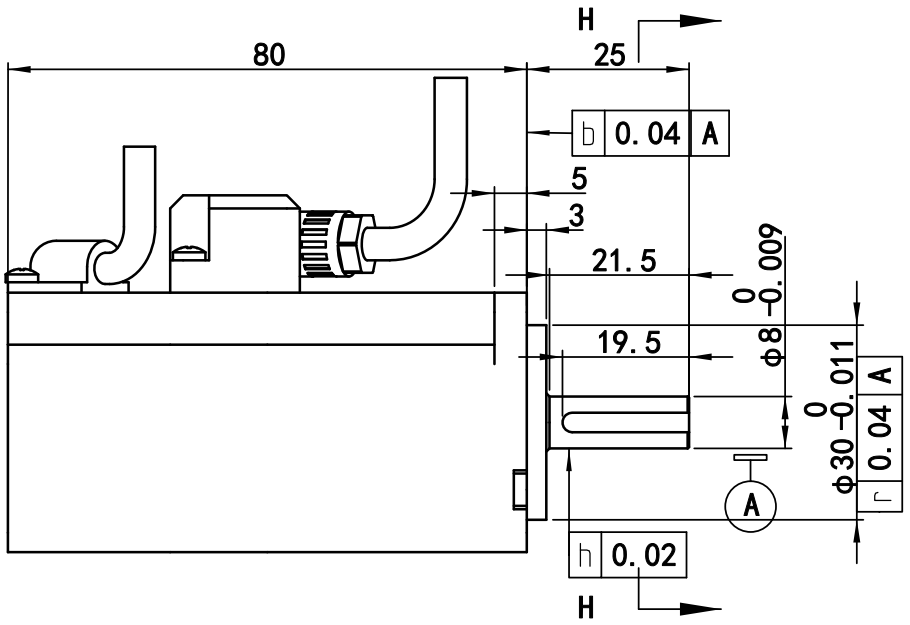
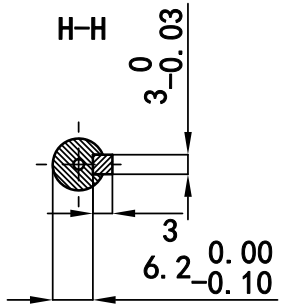
Front view and mounting



Side view





平键C型 3x3x19.5

电动机规格书/Motor Specification

电机极数/Poles	10
Voltage/电压	24
电阻/Resistance	0.38±10%
电感/Inductance	0.3mH±20%
额定电流/Rated Current	5 A
额定转矩/Rated Torque	0.32 Nm
额定转速/Rated Speed	3000 rpm
额定功率/Rated Power	100W
位置传感器/Encoder	光电编码器2500CPR
使用温度范围/Operation Ambient Temperature	-20-40 ℃
保存温度范围/Storage Ambient Temperature	-40-65 ℃
反电势系数/Back EMF coefficient	3.9
峰值扭矩/Peak Torque	0.64 Nm

接线图/Wiring Diagram

JST VHR-4N

Motor Cable		
1	RED	U
2	BLUE	V
3	BLK	W
4	NC	NC

信号定义 Signal definition

JST XHP-8

PIN	FUN	Note	PIN	FUN	Note
1	+5V	RD	6	Hall2	BLU
2	A	GRN	7	Hall3	ORG
3	B	GEY	8	GND	BLK
4	Z	YEL	/	/	/
5	Hall1	BRN	/	/	/

铭牌内容/Lable Discription

WWW.YANLANMC.COM/WWW.YANLAN.NET

DC SERVO MOTOR 直流伺服电机

RoHS COMPLIANT CE

Yanlanmc ®
For smarter equip

型号 Model	EC40TM024100K8E						
批准 Approved	J.Song	20.10.26		材质 Material			
审核 Checked	CB.Y	20.10.26		公差 Tolerance	±0.2	No.	Sheet
制图 Drawn	QC.Y	20.10.26		比例 Scale	1:1	页 Sheet	1/1

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