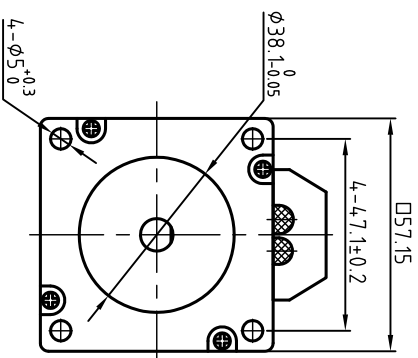
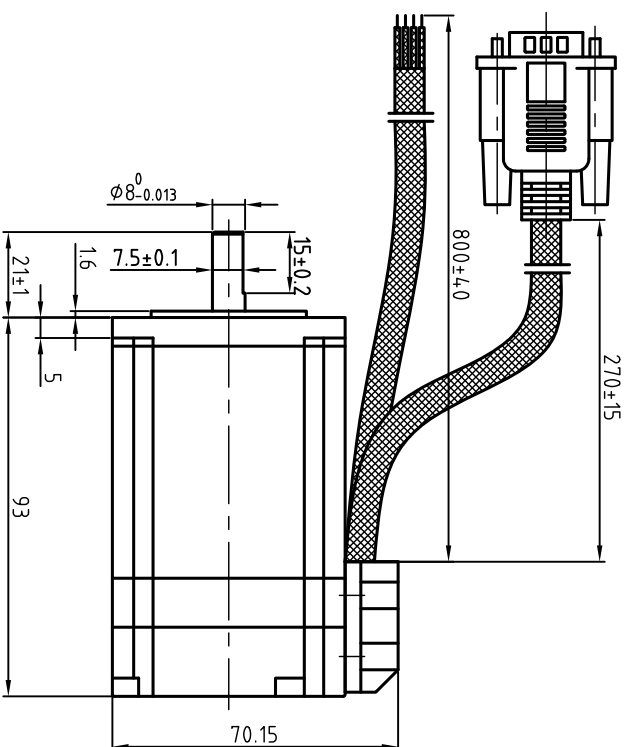


Dimension: (Unit: mm)



Motor Connections:

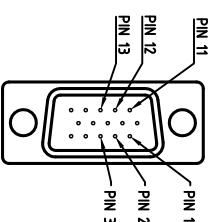
A+ 黑 Black
A- 红 Red



The diagram shows a spring scale with a coiled spring. Two horizontal lines extend from the top of the spring, representing the points of attachment. Below the spring, a circle contains the letter 'M', representing a mass hanging from the scale.

B+ 黄 Yellow B- 绿 Green

Encoder Signals



PIN	1	2	3	11	12	13
颜色	黑	红	白	黄	绿	蓝
定义	A+	VCC	GND	B+	B-	A-

Common Rating

Step angle	1.8°
Position accuracy	1.8±0.09°
Dielectric strength	500VAC 1min
Insulation resistance	100MΩmin(500VDC)
Insulation class	B
Temp rise(Max)	80K
Radial play	Max.0.02mm(Load 4.50g)
Axial play	Max.0.08mm(Load 900g)

Specification:

Current/phase	5.0 A
Voltage	2 V
DC Resistance/phase $\pm 10\%$	0.4 Ω
Inductance/phase $\pm 20\%$	1.8 mH
Holding torque	2.0 N • M
Inertia	0.48 kg • cm ²
Weight	1.2 kg
Encoder resolution	1000 cpr

版本 Rev.	日期 date	变更文件号 ECU NO.	变更内容 Revisions	设计 by
V1.0	13.6.25		初版	王罕
V1.1	15.3.24		改进汽门电磁阀，机头大93mm	王罕

设计		日期	材料		深圳市雷赛智能控制股份有限公司 SHENZHEN LEADSHINE TECHNOLOGY CO., LTD.	
Designed		Date	Material			
审核		第一角画法 First Angle projection			名称 Title	
Checked		重量 Weight		比例 Scale	混合伺服电机	
批准		数量 Quantity		阶段 Stage	57HBM20-1000	
Approved						
Part No.	共 1 张 第 1 张		Sheet 1 of 1		图号 DWG. NO. LS-HBM57-03-0011-01	