



深圳市立盛电机有限公司
LISHENG MOTOR(SHENZHEN)CO.,LTD

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样 品 确 认 书

客户名称:	Charleston	Rated Voltage:	3. 7V. DC	Load Standard:	~39 N*mm 0. 4Kgf. cm	制工单号:	LS20250301-01						
产品型号:	LS20R130SH-50-3. 780			样品数量:	3 PCS	生产日期:	20250304						
Inspection items	Number	Performance Indicators	Inspection Equipment	Parameter requirements	1号	2号	3号	4号	5号	CR=0.1	MA=0.65	MI=2.5	
Appearance Requirements	1	Case Surface	Visual	No stains	OK	OK	OK						√
	2	Product Surface	Visual	No scratches, deformation	OK	OK	OK						√
Physical Properties	1	No-load Speed	Tachometer	80 ±12rpm	78	80	79						√
	2	No-load Current	Motor comprehensive tester	≤130mA	62	73	68						√
	3	Load Speed	Tachometer	55 ±12rpm	56	55	56						
	4	Load Current	Motor comprehensive tester	≤300mA	225	234	222						
	5	Direction of Rotation	Visual	接 “+” CW	CW	CW	CW						√
	6	Stall Torque	Torque meter	≥1. 2Kgf. cm ~117 N*mm	OK	OK	OK						√
	7	Stall Current	Motor comprehensive tester	≤0. 66A	OK	OK	OK						√
Mechanical Properties	1	Shaft extension length (from mounting surface to top of shaft)	Caliper	16 ±0. 5mm	16. 12	16. 05	15. 95						√
	2	Axial Flow	Altimeter	0~0. 5mm	0. 18	0. 21	0. 15						√
	3	300mm Noise Decibel Value (motor placed horizontally, no-load operation)	Noise decibel meter	≤60dB. A	OK	OK	OK						√

Product Appearance, Dimensions

Technical drawing of the motor showing front and side views with dimensions.

Front View Dimensions:

- Outer diameter: $\phi 20^{+0.2}_{-0.2}$
- Inner diameter: $\phi 7.00$
- Mounting hole diameter: $\phi 4^{+0.03}_{-0.03}$
- Mounting hole spacing: 15 ± 0.1
- Thread: 2-M2.5

Side View Dimensions:

- Shaft diameter: $\phi 4^{+0.03}_{-0.03}$
- Shaft length: $3.5^{+0.1}_{-0.1}$
- Shaft extension length: 16 ± 0.5
- Motor body length: 25.1
- Total length: 42.5 ± 0.5
- Mounting flange thickness: $8.0^{+0.1}_{-0.1}$
- Mounting flange hole diameter: $\phi 3$

客户确认

客户签名:

日期:

制作：吕建军

审核：杨建江

批准：郭建新

日期：2025. 03. 04