

FL130021D-01 Specification

FL130021D-01 (24VDC)

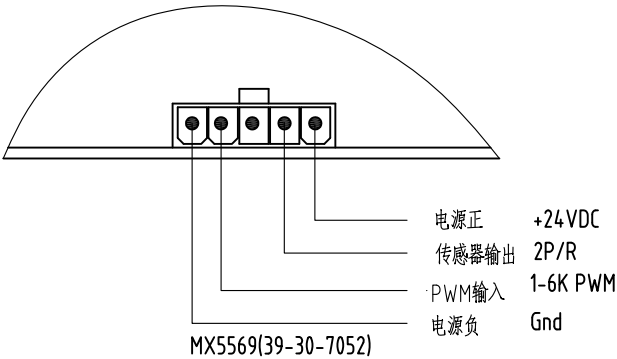
1. Operational requirements

Nr.	Item	Content	Tolerance	Ref
1.1	Application	Gas/Air mixture		
1.2	ambient conditions during operation	0-70°C; 0-95%RH incl. short term condensation during cold starts		
1.3	Ambient conditions during transport and storage	-20-80°C; 0-95%RH incl. short term condensation during ambient temperature changes		
1.4	leakage	≤0.02m³/h into housing at -30mbar rel. air pressure in housing and ≤0.02m³/h out off housing with closed shaft opening		
1.5	Power supply	24VDC	±5%	A
1.6	Max. power	75W during acceleration	±5%	A
1.7	Static pressure (PWM: 100%)	Max.(no flow): 2100Pa.	±5%	A
1.8	Rotation speed(PWM: 100%)	Max.(no flow): 7500rpm	±5%	A
1.9	Power consumption(PWM: 100%)	Max.(free air): 55W	±5%	A
1.10	Blower speed control, PWM input blower	Controlled by a PWM signal from the boiler control unit; If PWM signal is open or not connected PWM=100%, Minimal starting PWM≤10%		B
1.11	Blower speed control, speed reference output			B
1.12	Impeller	Anti static		
1.13	IP-class	IP20		
1.14	Electrical insulation	Class F		
1.15	Protection	Over current		
1.16	Unbalance class	<30mg@5000rpm		
1.17	Mounting dimension			C

附件B：接线图

MX5569(39-30-7052)

/ 电源正 1	+24VDC	1 /
/ 传感器输出 2	Speed feedback 2pulse/rev	2 /
3	N.C.	3 /
/ PWM输入 4	speed controller PWM 1-6kHz	4 /
/ 电源负 5	GND	5 /



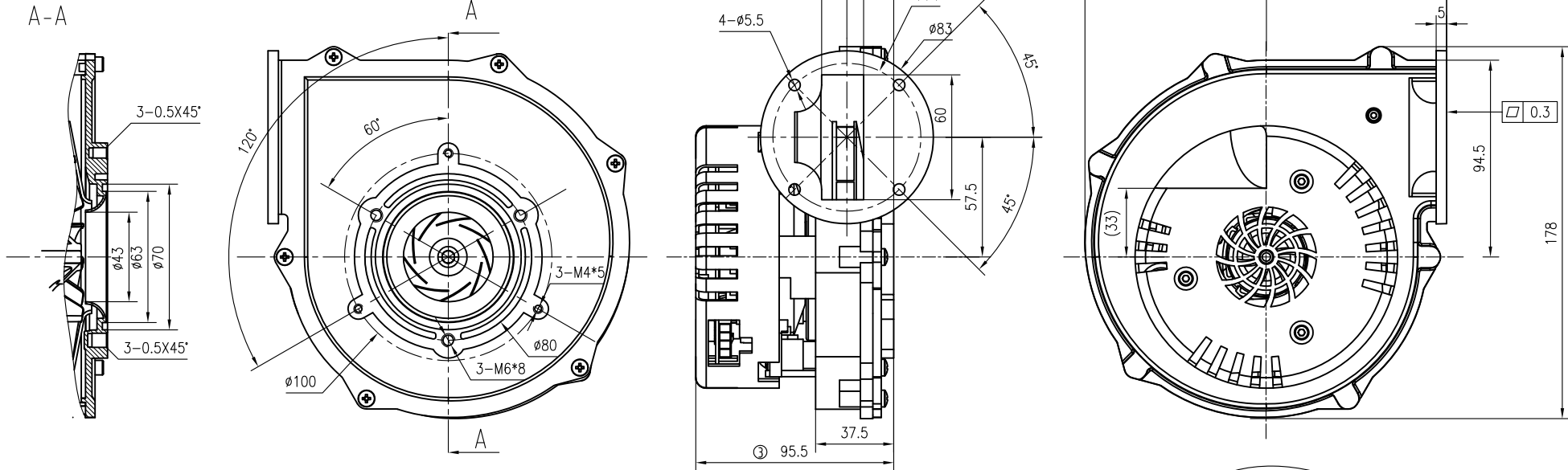
PWM:
启动: >10% PWM
全速: 不接或者100%PWM.

Atta: C

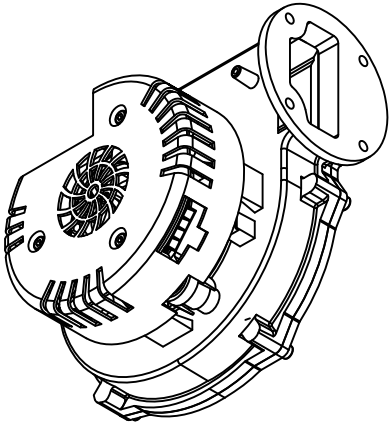
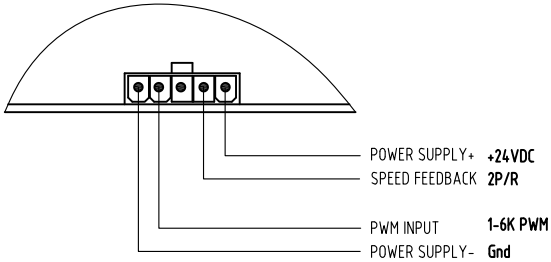
nameplate

SOHON

FL130021D-01
24V 1.9A
5600RPM I.C.L.B
L/N: 20120313
ELECTRONIC PROTECTION



- Technical data
- 1. power supply: 24VDC
 - 2. input power: Max.55W
 - 3. Max static pressure: 2000Pa
 - 4. Max airflow : 115m3/h
 - 5. anti static impeller
 - 6. working temperature: -10℃~+60℃
 - 7. storge temperature: -20℃~+85℃



						FL130021D-01			SOHON			
												D13001
标记	处数	分区	更改文件号	签字	日期							
设计	Yang		2013-01-19	标准化		图样标记		重量	比例	Rev.03		
审核									1:2			
工艺				批准		共 1 页		第 1 页				