



**NINGBO LONGTAI ELECTRIC MANUFACTURE CO., LTD**

No.75, DANXIA ROAD, INDUSTRIAL ZONE, XIANGSHAN, NINGBO, CHINA

## SPECIFICATION

CUSTOMER :  
MODEL NO. : G12038HA2BL  
DESCRIPTION : Axial Fan  
DATE : November 17, 2019

FINISHED BY	CHECKED BY	CUSTOMER APPROVE





## A. SPECIFICATION

NO.	ITEM	SPECIFICATION	UNIT	CONDITION
01	Model No	G12038HA2BL	-----	-----
02	Dimension	120*120*38	mm	-----
03	Bearing	2 Ball	-----	-----
04	Rated Voltage	200-240	VAC	-----
05	Frequency	50/60	Hz	-----
06	Rated Current	0.15/0.12	Amp	At Rated Voltage
07	Rated Power	21/18	Watt	At Rated Voltage
08	Rated Speed	2600/3000	RPM	At Rated Voltage
09	Noise Level	43/48	dB-A	At Rated Speed
10	Air Flow	93/98	CFM	At Free Air
11	Life Expectancy	50000	Hours	At Room Temp
12	Motor Type	Shaded pole	-----	-----
13	Motor Protection	Impedance Protection	-----	-----
14	Insulation Class	Class B	-----	-----
15	Operating Temperature	-10~+70	°C	Blow air condition
16	Direction of Rotation	Clockwise	-----	Look at the fan label
17	Net Weight	480	Gram	Per Each Piece
18	Approval	UL CUL CE CCC	-----	-----

## B. MATERIAL

NO.	ITEM	DESCRIPTION
01	Lead wire type	22AWG UL 1569 (Optional)
02	Wire Length	Optional
03	Terminal Type	-----
04	Frame	Aluminum Alloy
05	Impeller	PBT thermoplastic, Black, UL94-V0, 5 Blades

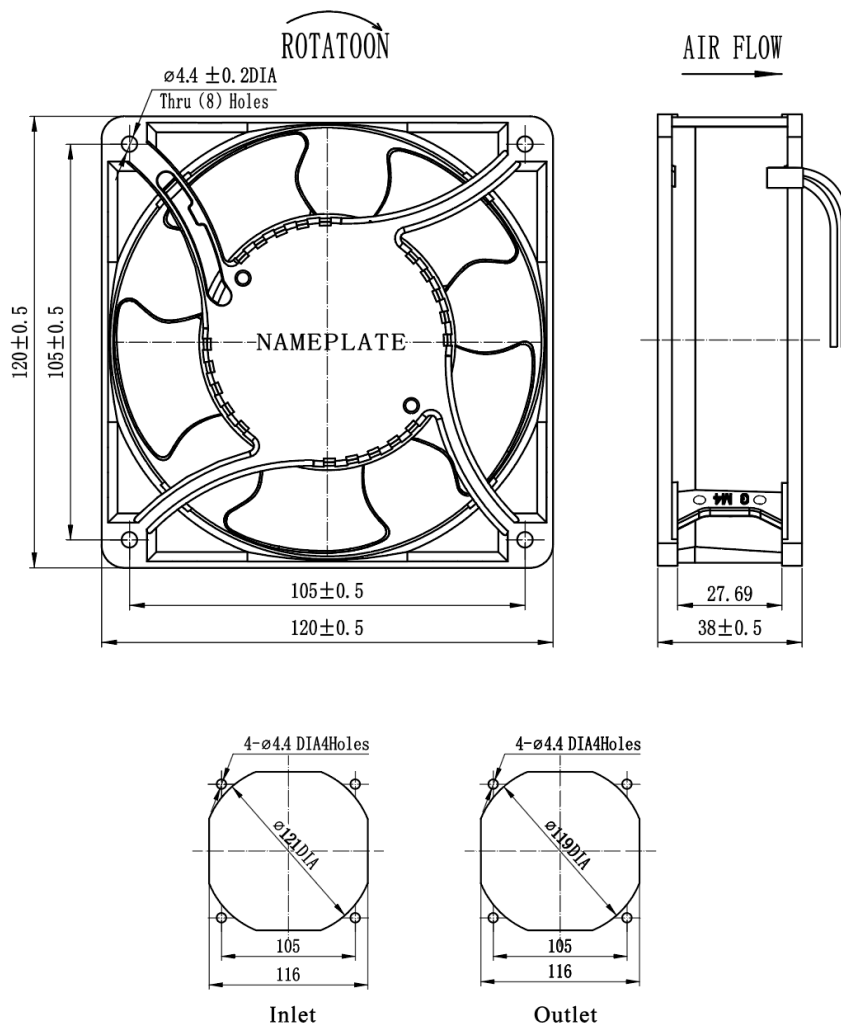
### C. ELECTRICAL PERFORMANCE

01	Insulation Resistance	500 MΩ minimum at 500VDC
02	Dielectric Strength	1800VAC for one second
03	Noise Level	Measured in a semi-anechoic chamber with background noise level below 15Dba. The fan is running in free air with the microphone at a distance of one meter from the fan intake.

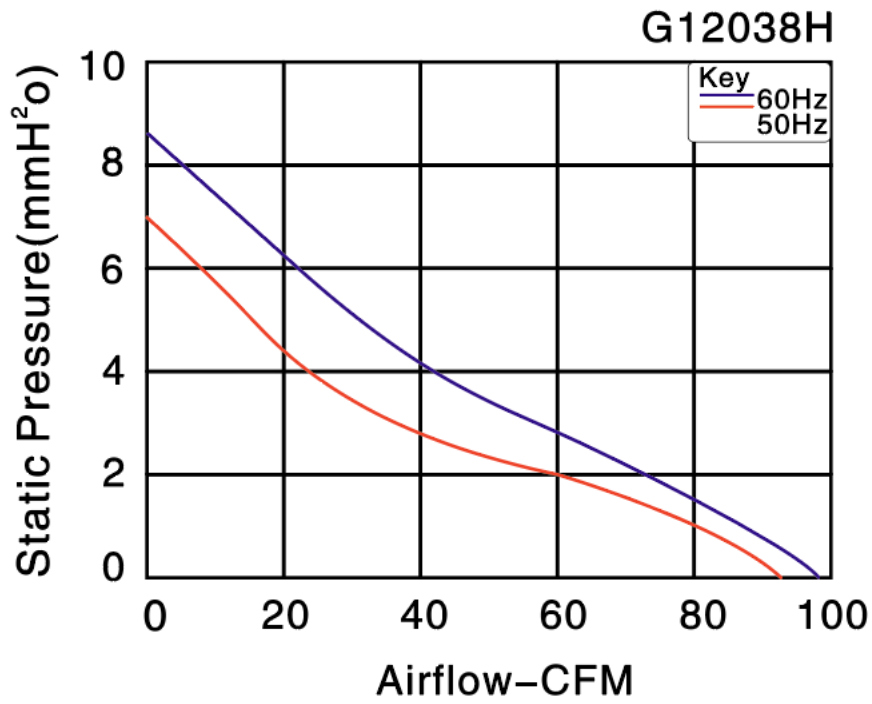
### D. ENVIRONMENTAL ILLUSTRATION

01	Operating Temperature	-10°C ~ +70°C at humidity 65%+/-20% RH. Blow air condition.
02	Storage Temperature	All function shall be normal storage at -40°C ~+65°C with a 24 hours recovery period at room temperature.
03	Humidity	After 96 hours, 95% RH, 40+/-2°C PER MIL-STD-202F, method 103B humidity test, the measured data on insulation resistance and dielectric strength shall meet the specification.

### E. DIMENSIONS (UNITS: mm)



F. P.Q. CHARTS



\* Special data may be provided if necessary according to the inquiry. Longtai all technical modification rights reserved.