AMETEK

Product Bulletin

MINIjammer BRUSHLESS DC BLOWERS

Model: 150016-73

MECHANICAL

DIAMETER: 5.0" (127mm)
DISCHARGE TYPE: Tangential
DISCHARGE: Ø.88 [22.4]" Exhaust
APPROXIMATE WEIGHT: 1.2 lbs/561g

ELECTRICAL

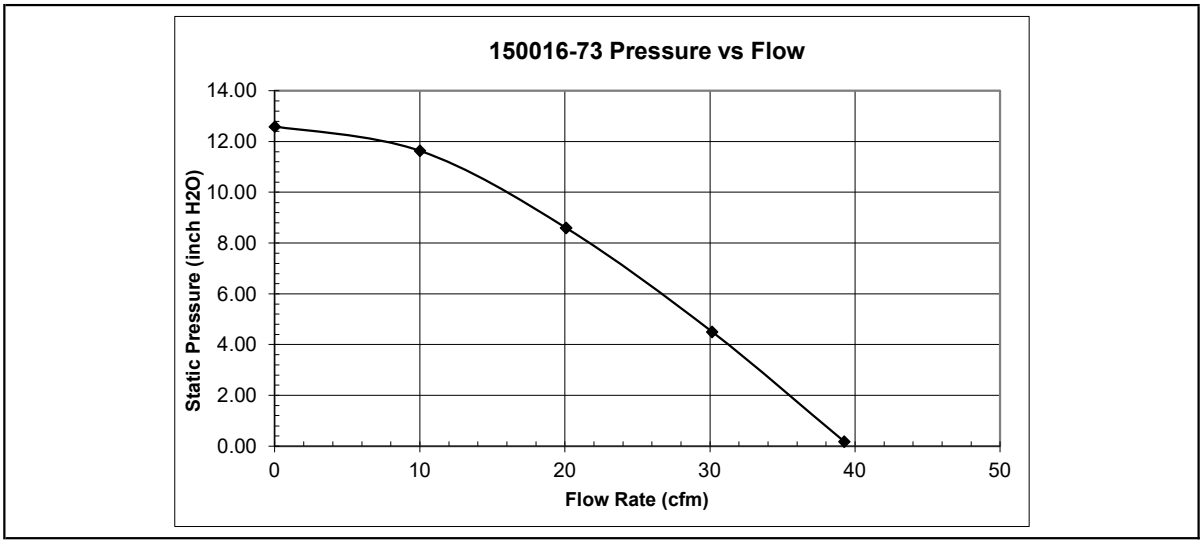
OPERATING INPUT VOLTAGE: 24V.
REQUIRES EXTERNAL BLDC CONTROLLER.

TEMPERATURE

OPERATING TEMP: 0°C to 40°C
STORAGE TEMP: -40°C- to 85°C

REGULATORY CERTIFICATIONS

COMPLIANCE: RoHS and Reach



Flow Rate *cfm*	Static Pressure *inch H2O*	Total Pressure *inch H2O*	Current *A*	Power Demand *W*	Voltage *V*	Flow Temp. *°C*	Rotational Speed *rpm*	Static Efficiency *%*	Total Efficiency *%*
39.27	0.17	0.41	2.85	68.4613	24.0336	22.8	10760.0	1.15	2.75
30.16	4.49	4.64	2.75	66.1602	24.0499	23.0	10970.0	24.08	24.83
20.09	8.60	8.66	2.44	58.8608	24.103	23.5	11470.0	34.49	34.74
10.01	11.64	11.65	1.98	47.9099	24.1848	24.0	11990.0	28.57	28.61
0.00	12.59	12.59	1.43	34.617	24.2838	23.1	12760.0	0.02	0.02

WARNING

DESIGN APPLICATION: Designed to provide variable airflow for low NOx and CO emission in high efficiency gas fired combustion systems. Built with non-sparking materials. Blower housing assembly constructed of die cast aluminum. Impeller constructed from hardened aluminum. Rubber isolation mounts built into blower construction to dampen vibration within the motor. Two-piece blower housing assembly sealed, and factory leak checked. Customer is responsible to check for any leakage once the blower is installed into the final application.

MISCELLANOUS: Motor cooling inlet and discharge vents must not be obstructed. Motor ventilation air to be free of oils and other foreign particles. Blower is to be mounted so ventilation air cannot be re-circulated.

MINIjammer BRUSHLESS DC BLOWERS

AMETEK Dynamic Fluid Solutions
100 East Erie St. Suite 200
Kent, OH USA 44240
Phone: +1 330.673.3452
Web: www.ametekdfs.com

NOTES:
1. ROHS AND REACH COMPLIANT. REFERENCE AMETEK ENVIRONMENTAL SPECIFICATION ES0010 FOR DETAILS.
2. AMP RECEPTACLE HOUSING PN# 104257-7 WITH AMP SNAP-IN CONTACT PN# 1-104480-7
3. 120° ELECTRICAL SPACING.

THIS PRODUCT HAS BEEN TESTED AND VALIDATED TO BE ACCEPTABLE IN OUR APPLICATION.

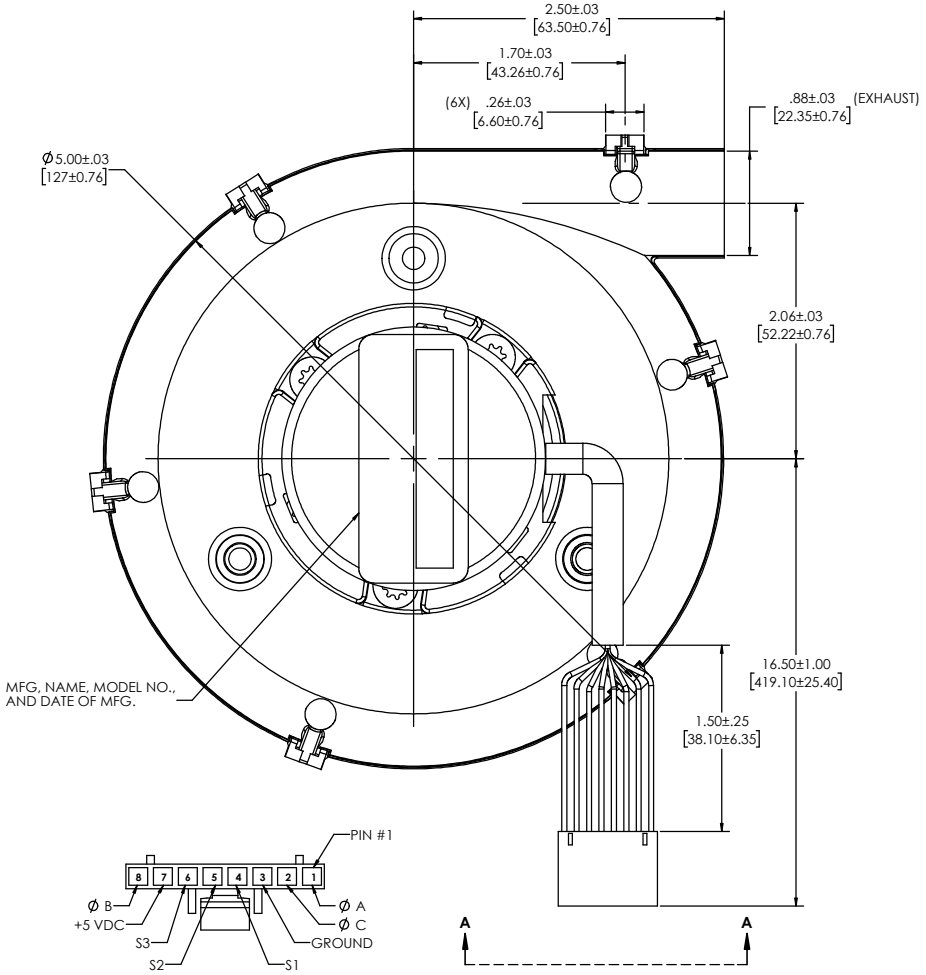
APPROVED BY: _____

PRINT NAME: _____

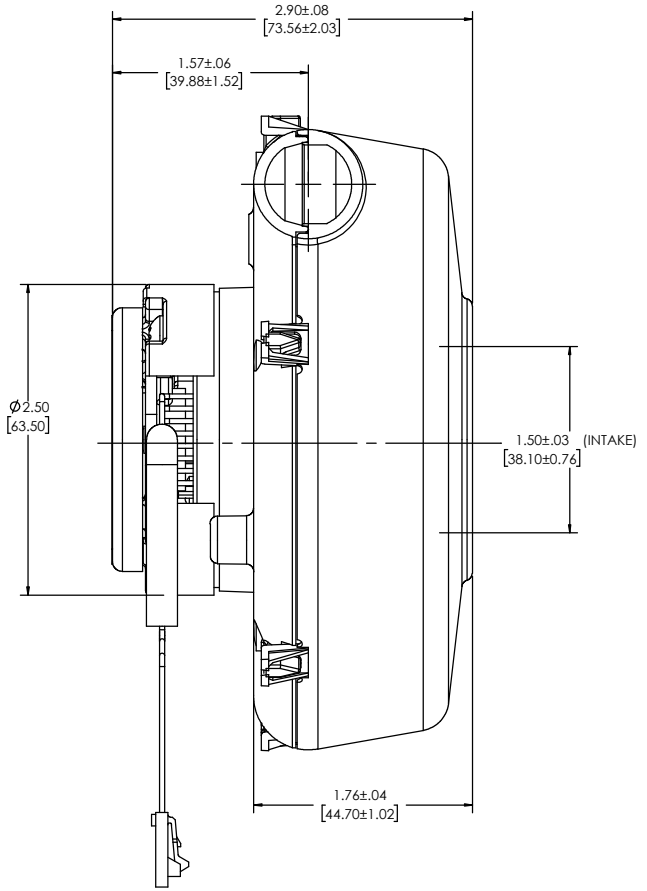
TITLE: _____

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COMPANY: _____



VIEW A-A
SCALE 4 : 1



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