



W23

3U Active Air Cooler

PRODUCT SPECIFICATIONS

Speficiation Version: 11/11/2024

(Specifications are subject to change without notice)

W23 | LGA 5964**Model Number: W23**

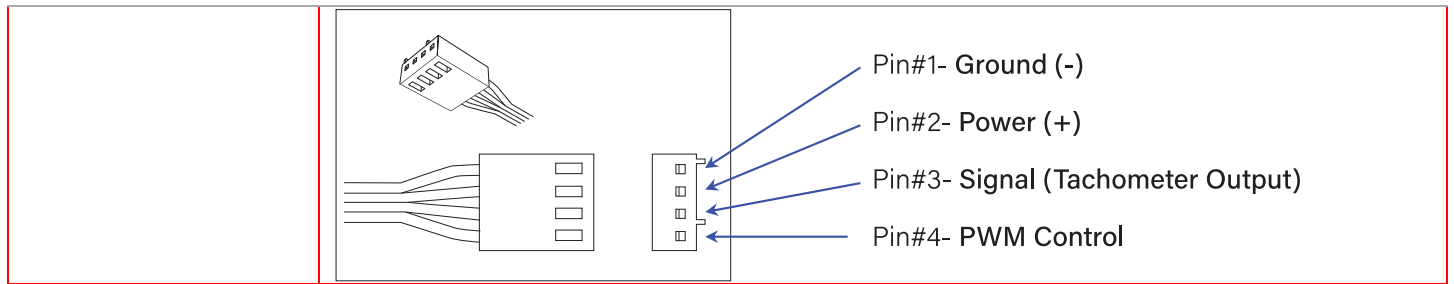
- Recommend for LGA 5964 Processor
- Active Air Cooler for 3U Server and Up

Overall Specification

Dimension	126.8 x 93.5 x 105.0 mm
Weight	Pending Sample Test
Material	Aluminum + Copper Heatsink Base + Heatpipe + Aluminum Fins
Thermal Interface Material	Shin-Etsu X23-8079-2 (or equivalent) Pre-Printed Tflex HD7.5 (or equivalent) Pre-Applied
TDP	Pending Sample Test

Cooling Fan Specification

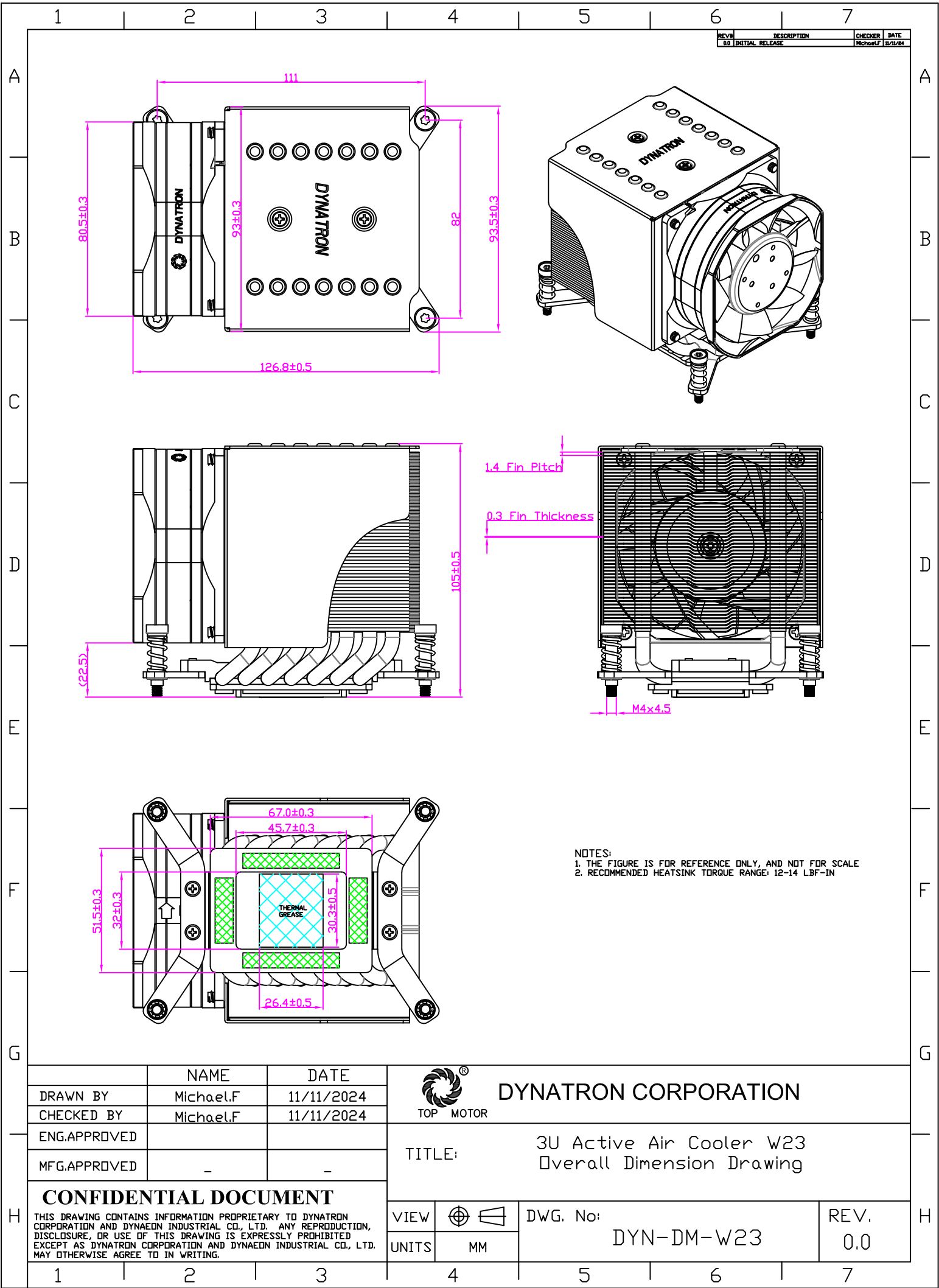
Model Number	DF128038BX-E
Dimension	80 x 80 x 38 mm
Bearing	Double Ball
Rated Voltage	DC 12V
Rated Speed	At Duty Cycle 0~20%: 2400± 200 RPM At Duty Cycle 50%: 4800± 10% RPM At Duty Cycle 100%: 8000±10% RPM
Input Power	At Duty Cycle 0~20%: 1.2 W At Duty Cycle 50%: 5.52 W At Duty Cycle 100%: 24.72 W
Maximum Airflow	At Duty Cycle 0~20%: 32.52 CFM At Duty Cycle 50%: 67.24 CFM At Duty Cycle 100%: 115.61 CFM
Rated Static Pressure	At Duty Cycle 0~20%: 3.45 mm-H ₂ O At Duty Cycle 50%: 13.6 mm-H ₂ O At Duty Cycle 100%: 38.3 mm-H ₂ O
Acoustical Noise	At Duty Cycle 0~20%: 25.63 dBA At Duty Cycle 50%: 47.85 dBA At Duty Cycle 100%: 64.40 dBA
Lead Wire Pin Out	Pin#1- Black(-) Pin#2- Yellow(+) Pin#3- Green(Tachometer/ Signal Output) Pin#4- Blue (PWM)

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Performance Chart: W23 Thermal Resistance

Thermal Resistance vs. Fan Speed

(Pending Real Sample Measurement)



Publication History:

11/11/2024: Initial Release

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