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Product Spec Sheet

B13

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Application :

- Recommend for Intel® Xeon® Platinum / Gold Family Processor (Products formerly Skylake), Socket FCLGA3647
- **For Square ILM Only**
- Active Cooler for 2U Server and up

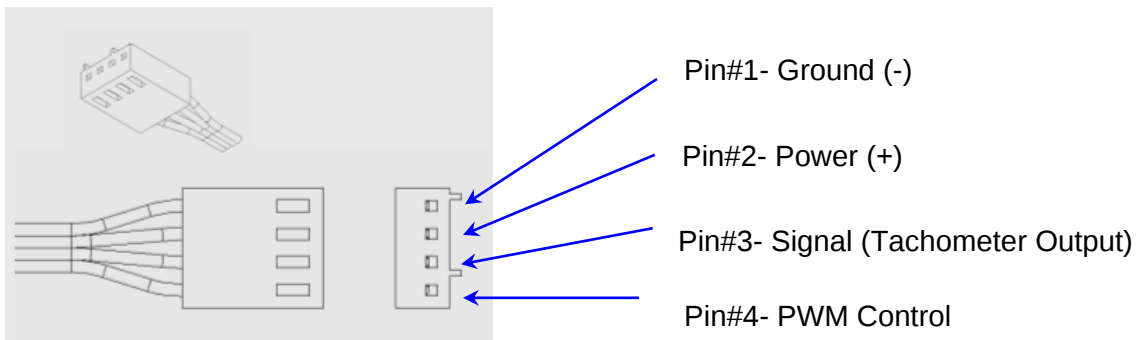
Overall Specification :

- Dimension: 90 x 90 x 66 mm
- Weight: 430g
- Material : Aluminum Heatsink with Heatpipe Embedded
- 6025 Axial PWM Fan for Heat Exhausting
- Convenient Heat Sink Screw captive mounting
- Thermal Grease Shin-Etsu 7762 Pre-printed
- Support CPU power up to 205 Watts heat dissipation
- Includes Package Carrier for Process Installation

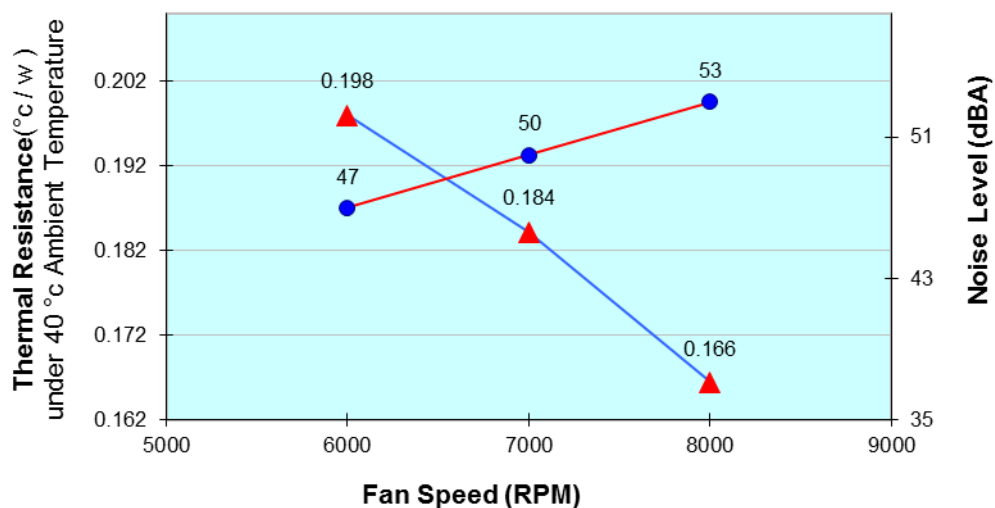
Fan Specification:

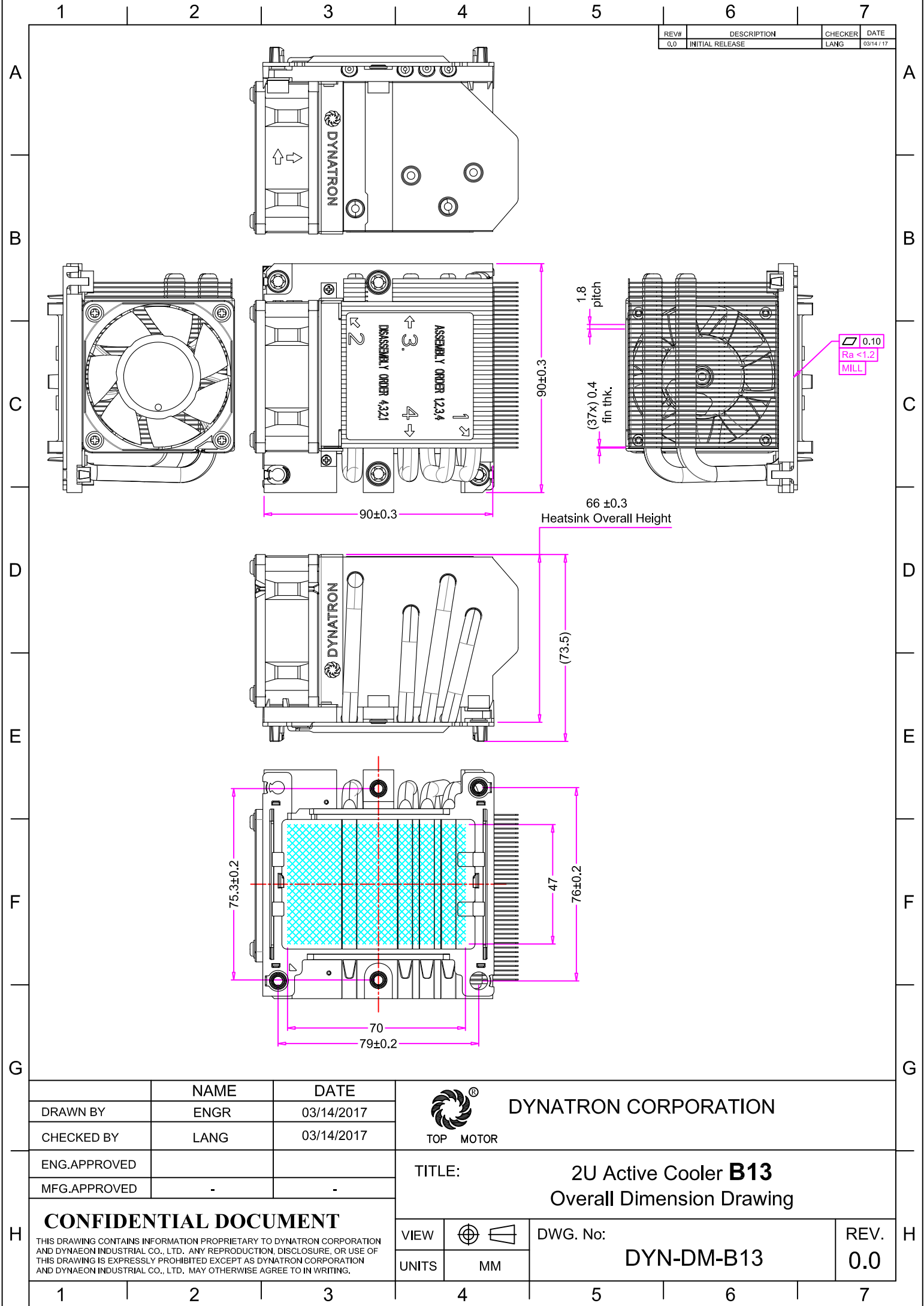
- Model Number: DF126025BM-PWM
- Dimension: 60 x 60 x 25 mm
- Bearing: Ball Type, Double
- Rated Voltage: 12V
- Rated Speed:
 - At Duty Cycle 0~20%: 1400 ± 200 RPM
 - At Duty Cycle 50%: 3400 ± 10% RPM
 - At Duty Cycle 100%: 7000 ± 10% RPM
- Rated Input Power:
 - At Duty Cycle 0~20%: 0.90 W
 - At Duty Cycle 50%: 2.04 W
 - At Duty Cycle 100%: 5.40 W
- Rated Airflow:
 - At Duty Cycle 0~20%: 8.12 CFM
 - At Duty Cycle 50%: 20.31 CFM
 - At Duty Cycle 100%: 40.60 CFM

- Rated Static Pressure:
 - At Duty Cycle 0~20%: 0.58 mm-H₂O
 - At Duty Cycle 50%: 3.65 mm-H₂O
 - At Duty Cycle 100%: 14.58 mm-H₂O
- Rated Acoustical Noise:
 - At Duty Cycle 0~20%: 16 dBA
 - At Duty Cycle 50%: 35 dBA
 - At Duty Cycle 100%: 50 dBA
- Lead Wire Pin Out:
 - Pin#1-Black(-)
 - Pin#2- Yellow(+)
 - Pin#3- Green(Tachometer/ Signal Output)
 - Pin#4- Blue (PWM)
- Lead Wire Pin Out Diagram :



Active Cooler B13 Thermal Performance Curve :





REV#	DESCRIPTION	CHECKER	DATE
0,0	INITIAL RELEASE	LANG	03/14/17

	NAME	DATE
DRAWN BY	ENGR	03/14/2017
CHECKED BY	LANG	03/14/2017
ENG.APPROVED		
MFG.APPROVED	-	-



TOP MOTOR

DYNATRON CORPORATION

TITLE: 2U Active Cooler **B13**
Overall Dimension Drawing

VIEW	
UNITS	MM

DWG. No: DYN-DM-B13

REV. 0.0

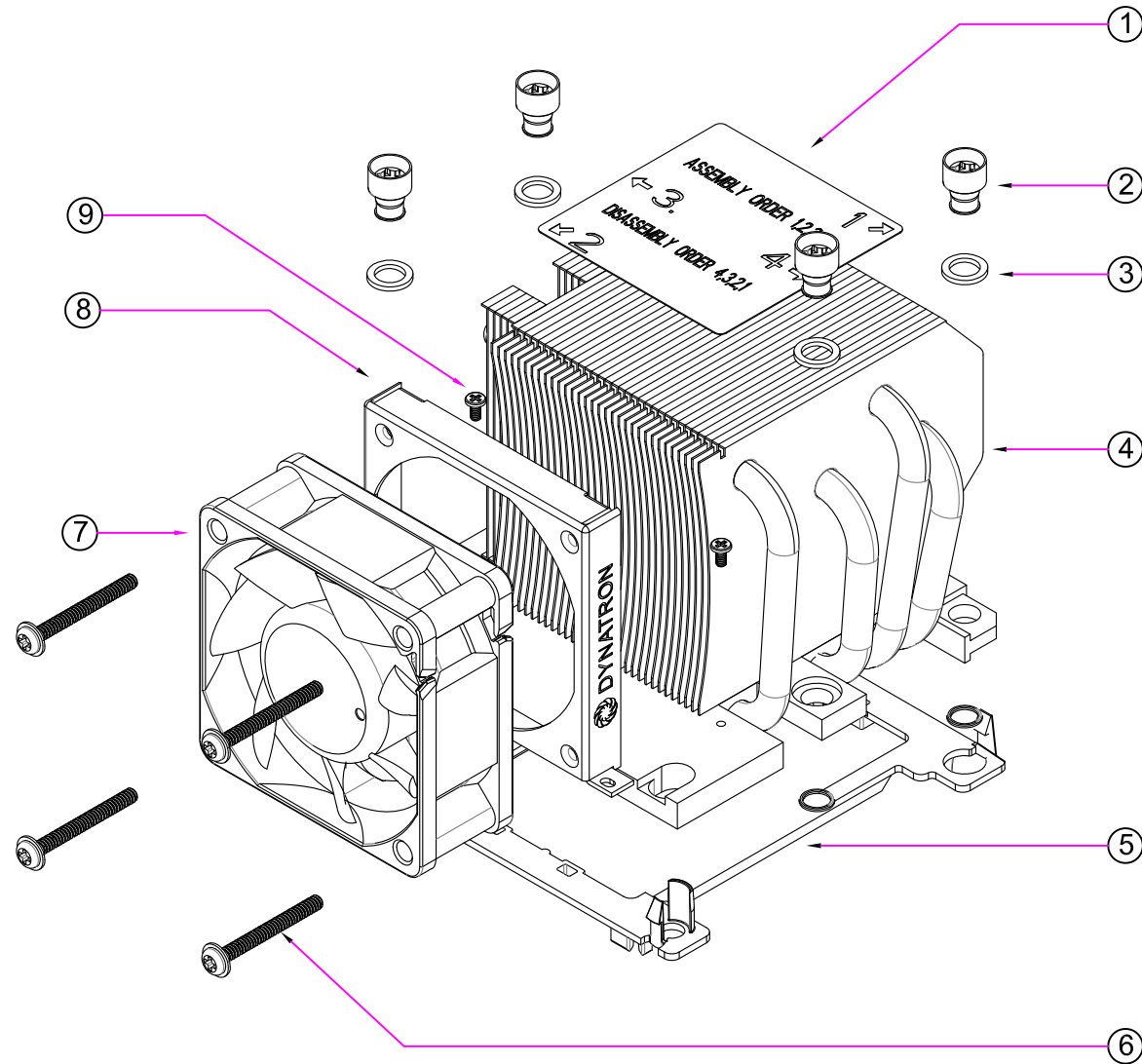
CONFIDENTIAL DOCUMENT

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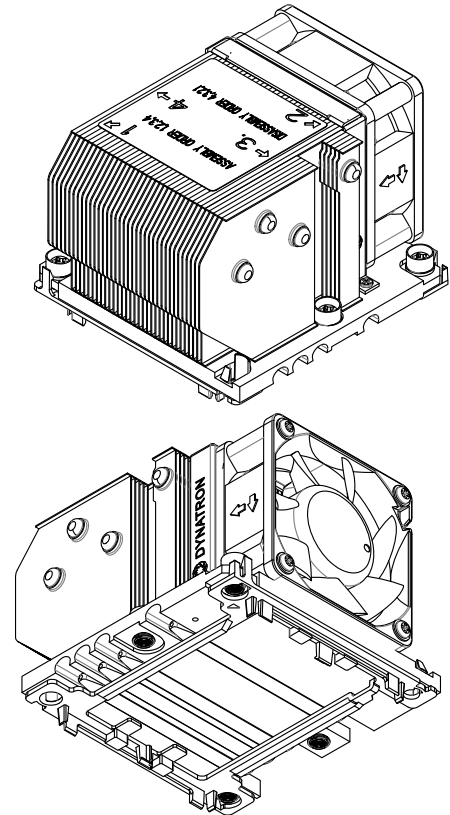
ASSEMBLY PARTS



NOTES:

1. THE FIGURE IS FOR REFERENCE ONLY, AND NOT FOR SCALE
2. OVERALL DIMENSION : 90 x 90 x 66 mm
3. OVERALL WEIGHT : 430 g

WHOLE SET OF HEATSINK



10	THERMAL GREASE, PRE-PRINTED	SHIN-ETSU 7762	1
9	SCREW, BRACKET MOUNTING	STEEL	2
8	FAN BRACKET	ALUMINUM	1
7	FAN, DF126025BM-PWM (7000RPM)	PLASTIC	1
6	SCREW, FAN MOUNTING	STEEL	4
5	INTEL PACKAGE CARRIER	PLASTIC	1
4	HEATSINK	HEATPIPER ALUMINUM BASE ALUMINUM STACKED FIN	1
3	WASHER	PLASTIC	4
2	HEATSINK NUT, M4	SS316 ANNEALED	4
1	INTEL MOUNTING LABEL	MYLAR	1
ITEM#	DESCRIPTION	MATERIAL	QTY.
	DATE	NAME	DYNATRON CORPORATION TOP MOTOR TITLE: 2U Active Cooler B13 BOM & Exploded Assembly Drawing
DRAWN	03/14/2017	Engr	
CHECKED	03/14/2017	LANG	
ENG. APPR.			
MFG. APPR.			
G.A.			DWG. No: DYN-EP-B13
COMMENTS:			
			REV 0.0



Certificate of Environment Protection

環保證明書

Document Number: RH-B13-R0

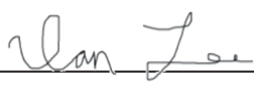
Customer: 客戶名稱:	Company: _____ Address: _____ Phone Number: _____ - _____ - _____
Issue Date:	06/02/2016
Product Model Number:	B13

Dynatron Corporation hereby declares and certifies that all components manufactured
 are RoHS compliant according to the definitions and restrictions given by the European Union's
 Restriction (Directive 2002/95/EC) (Decision2011/65/EU)RoHS 2, on the restriction of
 the use of certain Hazardous Substances in the electrical and electronic equipment.
 Also, compliance to the most recent list of substances on the REACH candidate list.
Number of substances on
the Candidate List: 168 (last updated: 17/12/2015)
 No exemptions are claimed in order for the part to be compliant with the RoHS directive.

Dynatron Corporation / 政久興業股份有限公司證明所有產品,零件 (包括
 附屬品, 包裝類) 之環境管理物質完全符合 RoHS, WEEE, 及該環保標準
 之規定, 並承諾遵 循以上之證明.

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Title (職務): _____ ASSISTANT-MANAGER

Signature (簽字): _____ 

Date: 06 / 02 / 2016