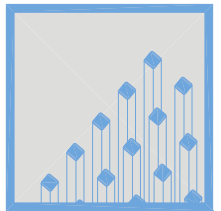


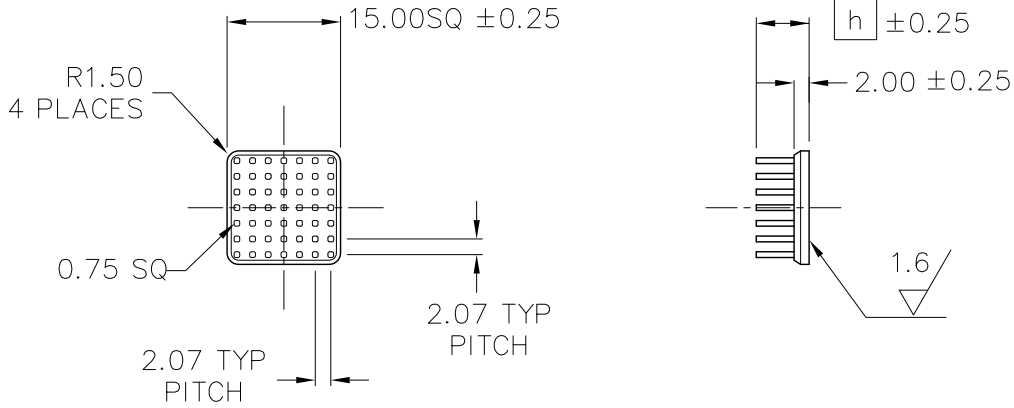
# ST Series

Omnidirectional Heat Sink

**ALPHA**



### DIM

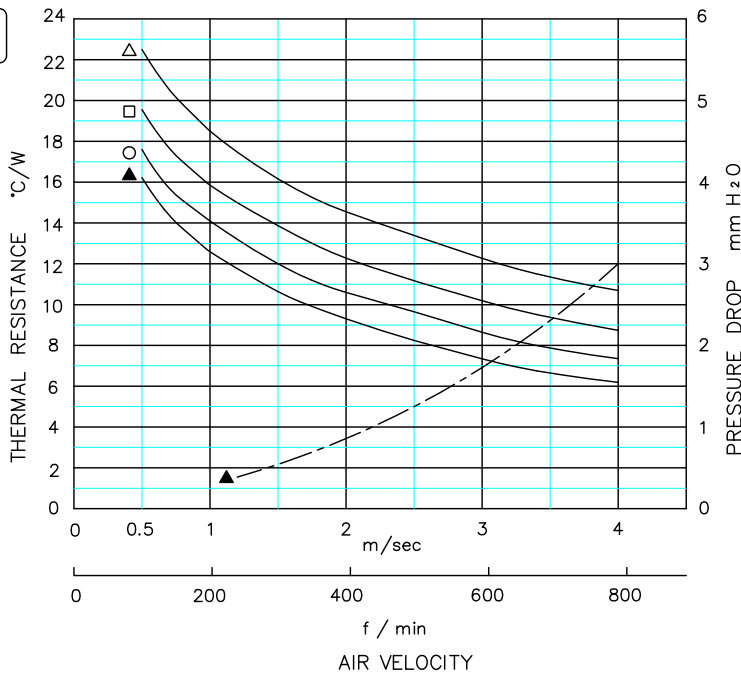


HEAT SINK  
 MATERIAL : A 6063  
 FINISH : BLACK ANODIZE

MODEL	HEIGHT $h$	WEIGHT (grams)
ST15-4B	4	1.35
ST15-5B	5	1.42
ST15-6B	6	1.49
ST15-7B	7	1.56

Dimensions : mm

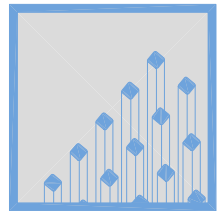
### DATA



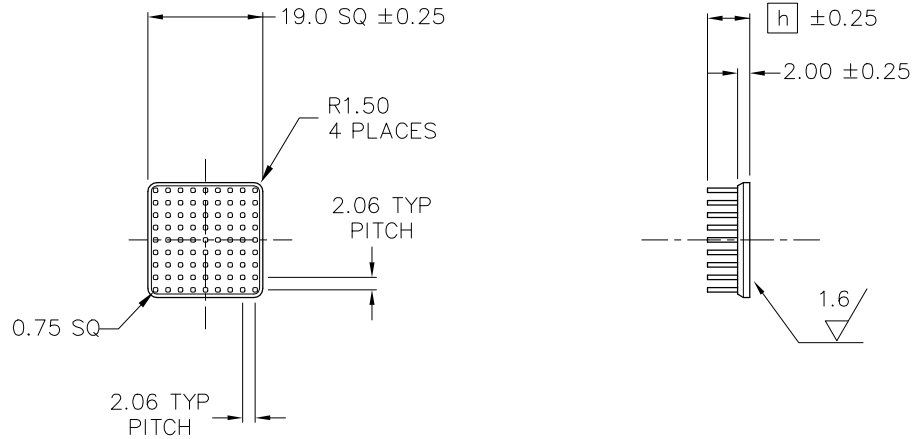
- Thermal Resistance ( Ducted )  
( Solid Line ——— )
- Pressure Drop  
( Center Line - - - - )

- △ ST15-4B
- ST15-5B
- ST15-6B
- ▲ ST15-7B

■ Based on Alpha's Standard Test Procedure. (Refer to page marked Technical Information.)  
 Dummy Heater Size: 12.7SQ



DIM

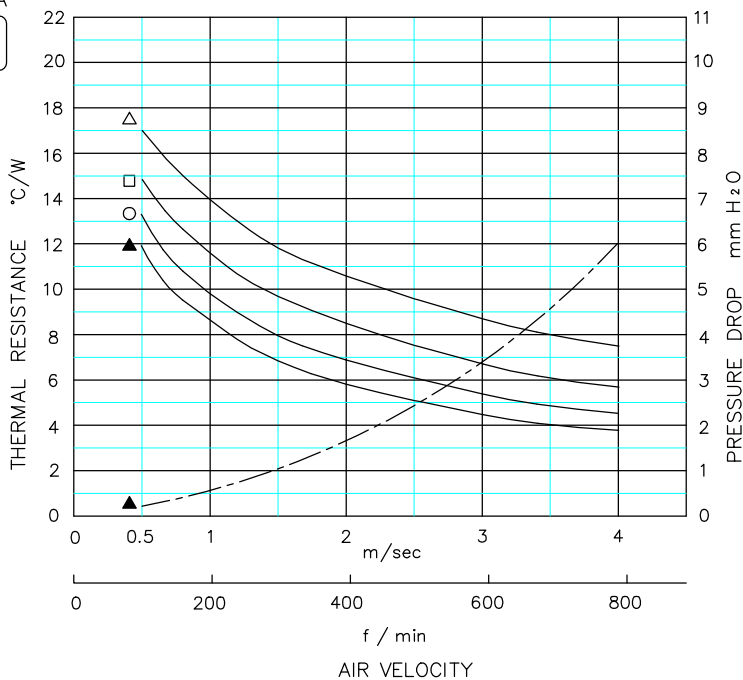


HEAT SINK  
 MATERIAL : A 6063  
 FINISH : BLACK ANODIZE

MODEL	HEIGHT $h$	WEIGHT (grams)
ST19-4B	4	2.2
ST19-5B	5	2.3
ST19-6B	6	2.4
ST19-7B	7	2.5

Dimensions : mm

DATA



● Thermal Resistance ( Ducted )  
 ( Solid Line ——— )  
 ● Pressure Drop  
 ( Center Line - - - - )

△ ST19-4B  
 □ ST19-5B  
 ○ ST19-6B  
 ▲ ST19-7B

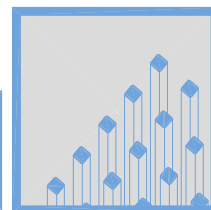
■ Based on Alpha's Standard Test Procedure. (Refer to page marked Technical Information.)  
 Dummy Heater Size: 12.7SQ

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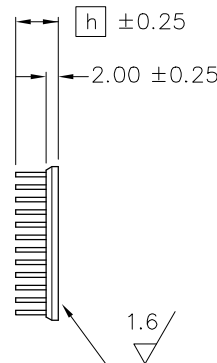
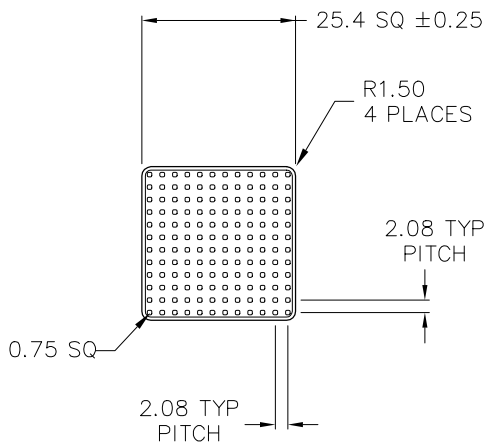
256-1 UEDA, NUMAZU-CITY SHIZUOKA-PREF., JAPAN  
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DIM

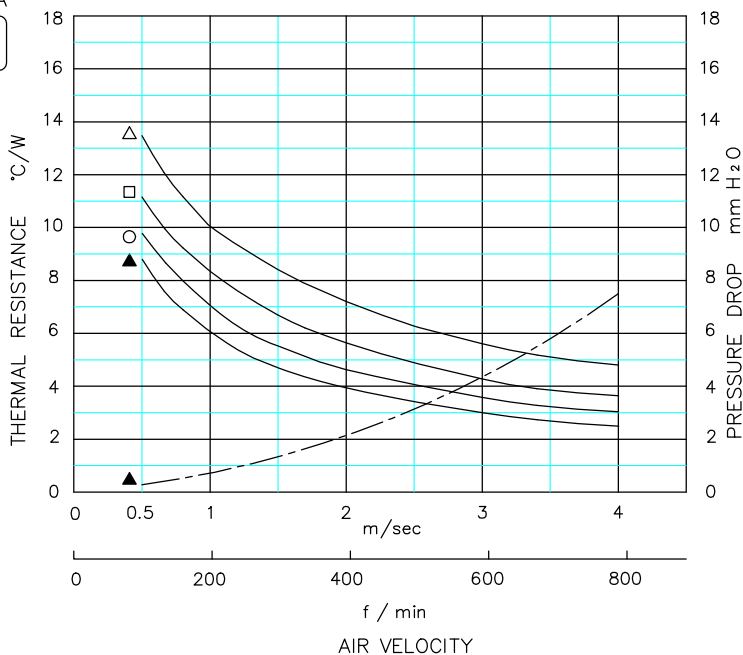


HEAT SINK  
 MATERIAL : A 6063  
 FINISH : BLACK ANODIZE

MODEL	HEIGHT $h$	WEIGHT (grams)
ST25-4B	4	4.0
ST25-5B	5	4.2
ST25-6B	6	4.4
ST25-7B	7	4.6

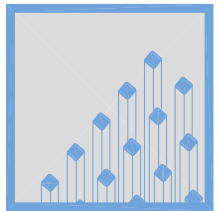
Dimensions : mm

DATA

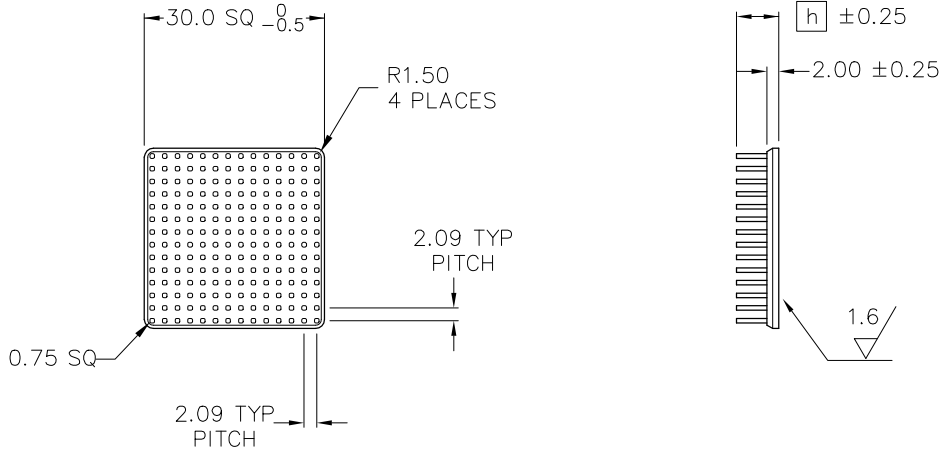


- Thermal Resistance ( Ducted )  
 ( Solid Line ——— )
- Pressure Drop  
 ( Center Line - - - - )
- △ ST25-4B
- ST25-5B
- ST25-6B
- ▲ ST25-7B

■ Based on Alpha's Standard Test Procedure. (Refer to page marked Technical Information.)  
 Dummy Heater Size: 12.7SQ



### DIM

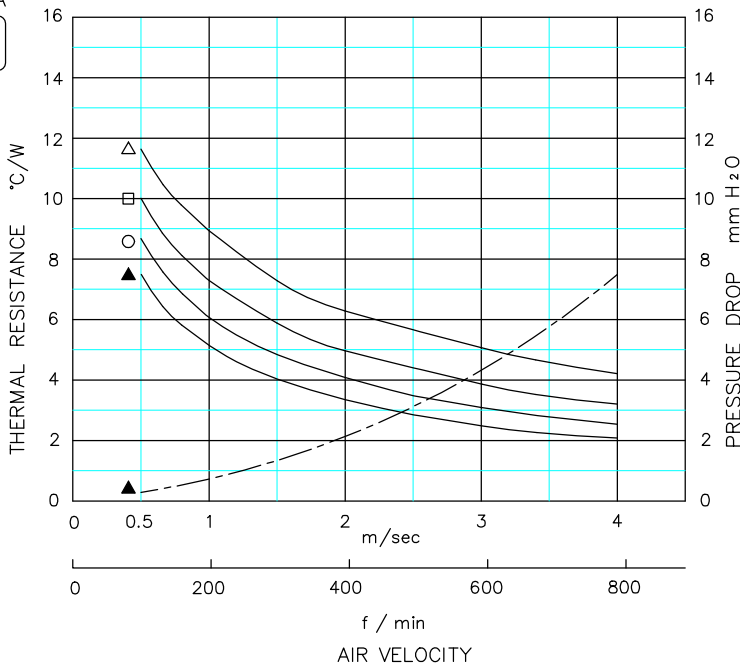


HEAT SINK  
 MATERIAL : A 6063  
 FINISH : BLACK ANODIZE

MODEL	HEIGHT $h$	WEIGHT (grams)
ST30-4B	4	5.4
ST30-5B	5	5.7
ST30-6B	6	6.0
ST30-7B	7	6.2

Dimensions : mm

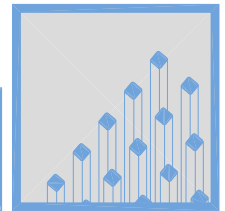
### DATA



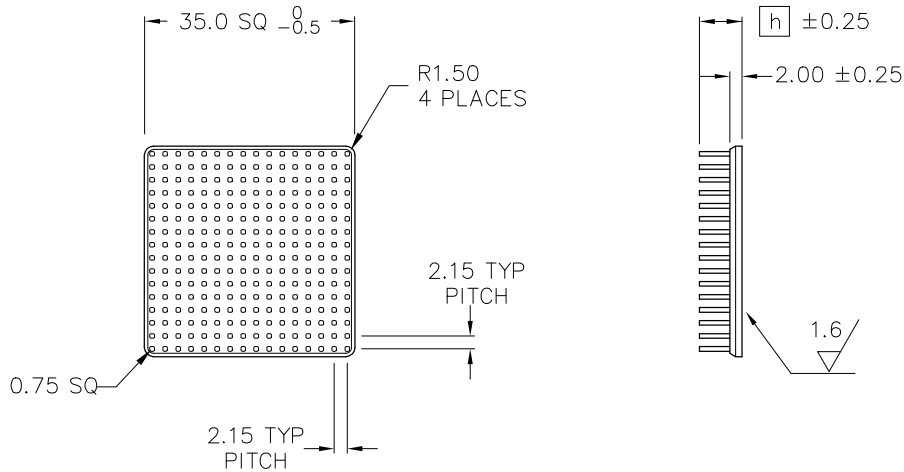
- Thermal Resistance ( Ducted )  
( Solid Line — )
- Pressure Drop  
( Center Line - - - )

- △ ST30-4B
- ST30-5B
- ST30-6B
- ▲ ST30-7B

■ Based on Alpha's Standard Test Procedure. (Refer to page marked Technical Information.)  
 Dummy Heater Size: 12.7SQ



DIM

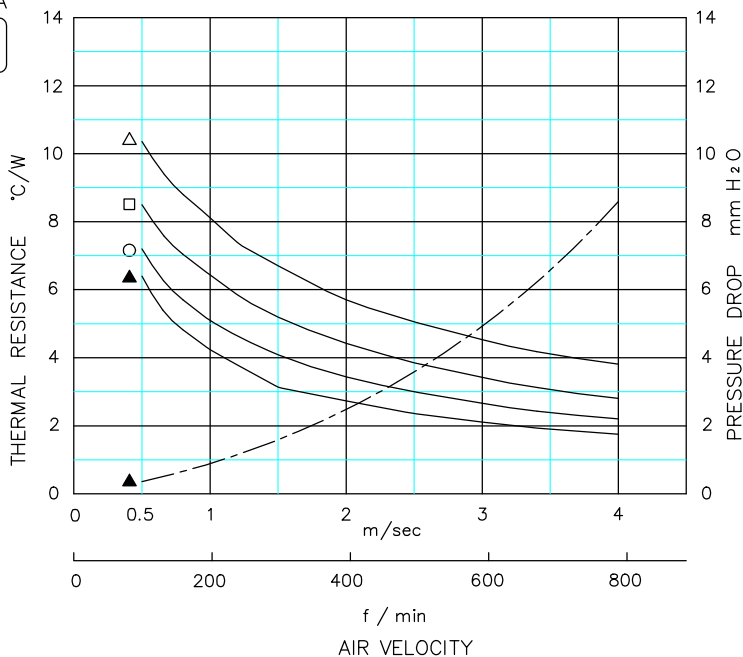


HEAT SINK  
 MATERIAL : A 6063  
 FINISH : BLACK ANODIZE

MODEL	HEIGHT $h$	WEIGHT (grams)
ST35-4B	4	7.5
ST35-5B	5	7.8
ST35-6B	6	8.2
ST35-7B	7	8.5

Dimensions : mm

DATA



● Thermal Resistance ( Ducted )  
 ( Solid Line ——— )  
 ● Pressure Drop  
 ( Center Line - - - - )

△ ST35-4B  
 □ ST35-5B  
 ○ ST35-6B  
 ▲ ST35-7B

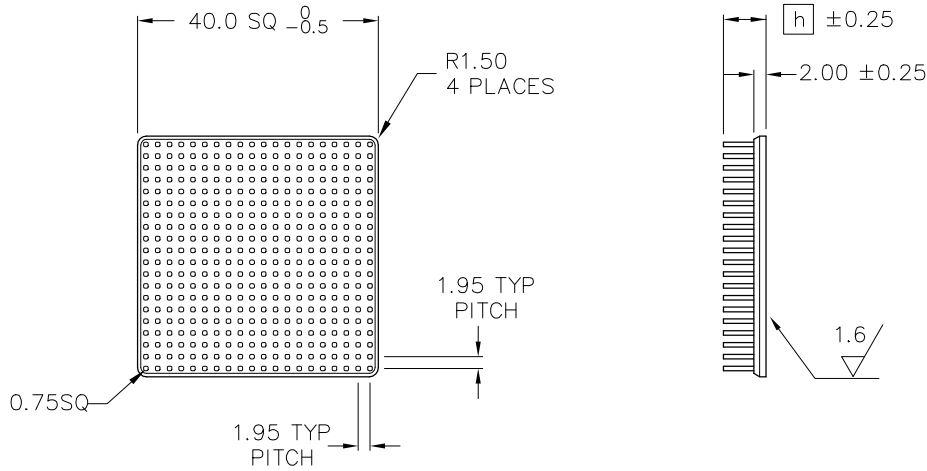
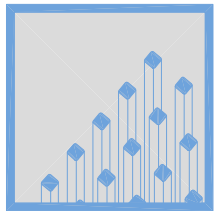
■ Based on Alpha's Standard Test Procedure. (Refer to page marked Technical Information.)  
 Dummy Heater Size: 12.7SQ

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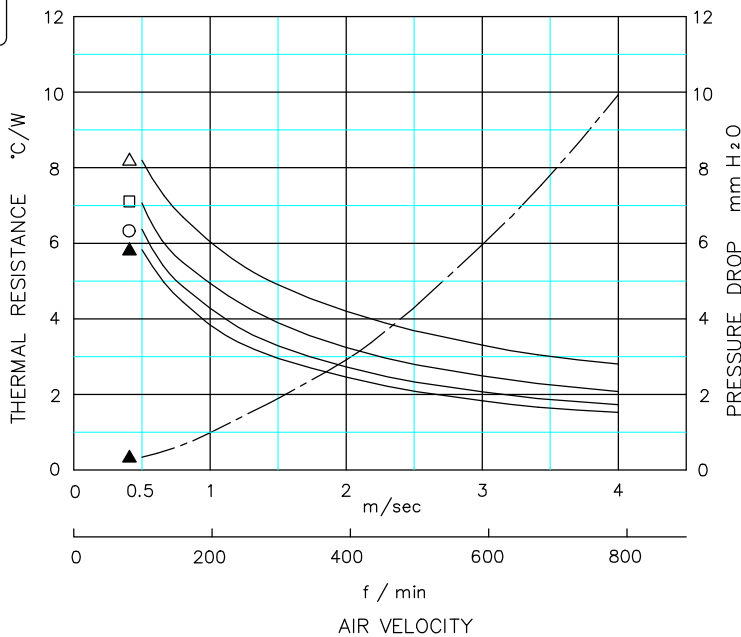
473 Sapena Ct. #12 Santa Clara, CA 95054 USA  
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HEAT SINK  
 MATERIAL : A 6063  
 FINISH : BLACK ANODIZE

MODEL	HEIGHT $h$	WEIGHT (grams)
ST40-4B	4	9.7
ST40-5B	5	10.3
ST40-6B	6	10.9
ST40-7B	7	11.5

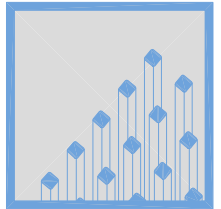
Dimensions : mm



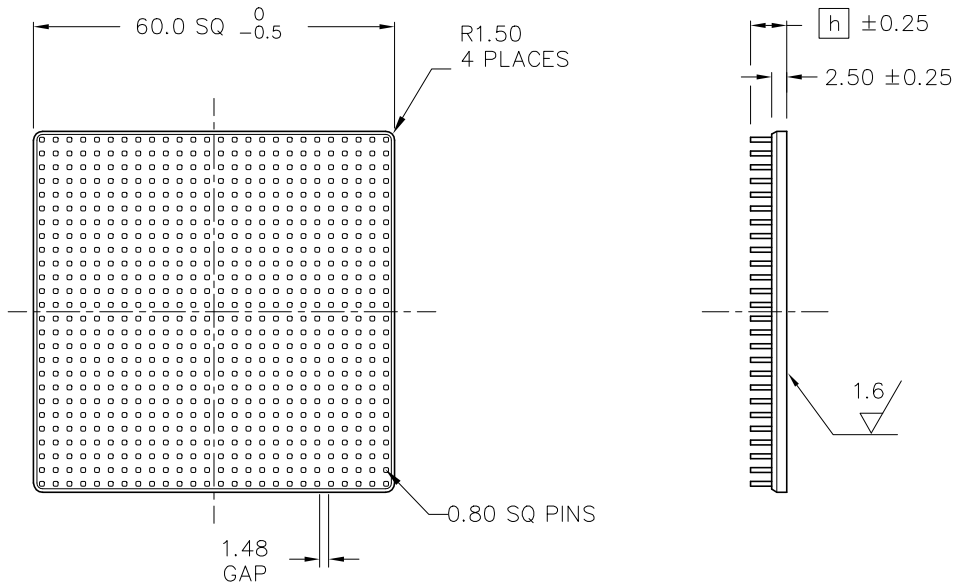
- Thermal Resistance ( Ducted )  
( Solid Line ——— )
- Pressure Drop  
( Center Line - - - - )

- △ ST40-4B
- ST40-5B
- ST40-6B
- ▲ ST40-7B

■ Based on Alpha's Standard Test Procedure. (Refer to page marked Technical Information.)  
 Dummy Heater Size: 12.7SQ



DIM

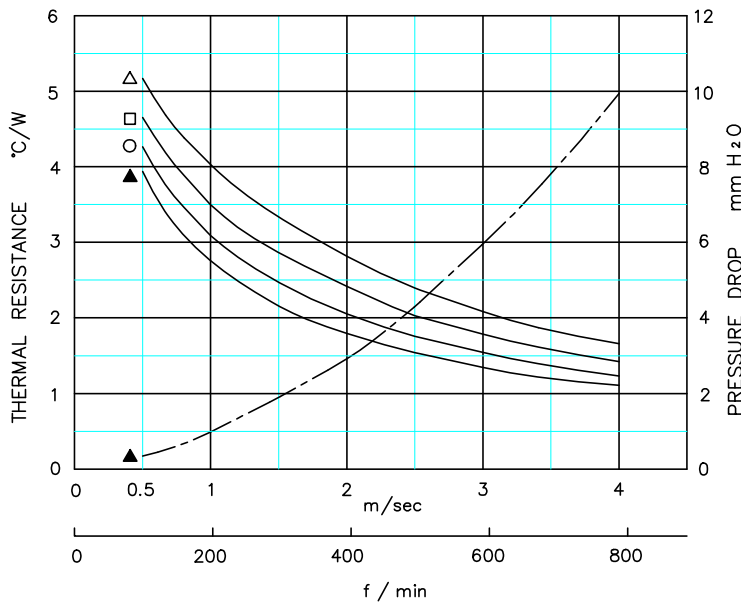


HEAT SINK  
 MATERIAL : A 6063  
 FINISH : BLACK ANODIZE

MODEL	HEIGHT $h$	WEIGHT (grams)
ST60-4B	4	26.1
ST60-5B	5	27.3
ST60-6B	6	28.5
ST60-7B	7	29.7

Dimensions : mm

DATA



- △ ST60-4B
- ST60-5B
- ST60-6B
- ▲ ST60-7B

● DUCTED CONDITION  
 DUMMY HEATER SIZE: 12.7 SQ  
 THERMAL RESISTANCE ———  
 PRESSURE DROP - - - - -

■ BASED ON ALPHA'S STANDARD TEST PROCEDURE.  
 REFER TO TECHNICAL INFORMATION.

AIR VELOCITY: DUCTED CONDITION

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